

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
 Data File : VV036280.D
 Acq On : 25 Jun 2024 19:05
 Operator : SY/MD
 Sample : P2962-15
 Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T89

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.053	304	315	333	rBV	549173	800625	1.34%	0.089%
2	4.246	981	997	1045	rBV2	369843	1257464	2.10%	0.140%
3	4.568	1080	1097	1113	rBV	1038682	2495166	4.17%	0.277%
4	4.667	1113	1128	1153	rVV	637448	1688351	2.82%	0.188%
5	4.812	1155	1173	1202	rVV	2699090	6765234	11.31%	0.751%
6	4.953	1202	1217	1242	rVV2	900761	2318296	3.88%	0.257%
7	5.085	1243	1258	1271	rVV3	553085	1375811	2.30%	0.153%
8	5.400	1342	1356	1385	rBV	1430404	2871881	4.80%	0.319%
9	5.529	1385	1396	1434	rVB	803984	1718020	2.87%	0.191%
10	5.905	1499	1513	1527	rVV	523924	1097577	1.83%	0.122%
11	5.989	1527	1539	1542	rVV	542896	936038	1.56%	0.104%
12	6.040	1543	1555	1568	rVV6	1659276	4670449	7.81%	0.519%
13	6.117	1568	1579	1588	rVV	1639132	3267507	5.46%	0.363%
14	6.175	1588	1597	1622	rVV	2180348	4548428	7.60%	0.505%
15	6.378	1643	1660	1686	rVB3	1707679	3935818	6.58%	0.437%
16	6.551	1699	1714	1740	rVB3	1095177	2476165	4.14%	0.275%
17	6.760	1767	1779	1788	rBV	1394077	2635855	4.41%	0.293%
18	6.844	1795	1805	1810	rBV	2784027	4511622	7.54%	0.501%
19	6.883	1811	1817	1834	rVB2	3541687	6736110	11.26%	0.748%
20	7.008	1846	1856	1875	rVB	5208144	10979860	18.36%	1.219%
21	7.188	1898	1912	1919	rBV	7892246	15577536	26.04%	1.730%
22	7.368	1954	1968	1977	rBV3	1911512	3794081	6.34%	0.421%
23	7.497	1998	2008	2022	rBV	4277820	7002172	11.71%	0.778%
24	7.584	2022	2035	2056	rVB	4989617	9576260	16.01%	1.064%
25	7.715	2056	2076	2087	rBV	2594708	4923576	8.23%	0.547%
26	7.838	2108	2114	2124	rVB	798298	1307988	2.19%	0.145%
27	7.908	2124	2136	2148	rVB2	1721355	3061770	5.12%	0.340%
28	8.014	2150	2169	2191	rBV	3802586	7693486	12.86%	0.854%
29	8.143	2197	2209	2224	rBV4	3947807	10724644	17.93%	1.191%
30	8.220	2224	2233	2243	rVB	4105435	6813538	11.39%	0.757%
31	8.281	2243	2252	2261	rBV	4025413	6985985	11.68%	0.776%
32	8.439	2291	2301	2311	rBV2	947090	1715862	2.87%	0.191%
33	8.522	2311	2327	2335	rBV2	3418696	8780776	14.68%	0.975%
34	8.603	2343	2352	2363	rVB2	6179741	10568699	17.67%	1.174%
35	8.725	2377	2390	2400	rBV	5738739	9473701	15.84%	1.052%
36	8.783	2400	2408	2417	rVB	1347531	2038312	3.41%	0.226%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	8.863	2418	2433	2443	rVV3	786068	1742548	2.91%	0.194%
38	8.924	2443	2452	2467	rVV3	1055660	2281798	3.81%	0.253%
39	9.040	2469	2488	2494	rVV3	2094209	4824654	8.07%	0.536%
40	9.088	2496	2503	2510	rVV	4655299	7998701	13.37%	0.888%
41	9.137	2510	2518	2542	rVB3	6195345	12671321	21.18%	1.407%
42	9.249	2542	2553	2574	rBV2	1298090	2678574	4.48%	0.297%
43	9.349	2575	2584	2587	rBV2	660348	968243	1.62%	0.108%
44	9.410	2588	2603	2620	rVV6	5465213	12911159	21.58%	1.434%
45	9.487	2620	2627	2629	rVV2	1118570	1333523	2.23%	0.148%
46	9.516	2630	2636	2647	rVV	2466944	4540836	7.59%	0.504%
47	9.567	2648	2652	2658	rVV	978049	1352571	2.26%	0.150%
48	9.612	2658	2666	2668	rVV	2266426	3055322	5.11%	0.339%
49	9.648	2669	2677	2688	rVV2	7562316	13789217	23.05%	1.531%
50	9.735	2689	2704	2714	rVV5	7946973	17544116	29.33%	1.948%
51	9.789	2715	2721	2732	rVV	3735202	6345756	10.61%	0.705%
52	9.860	2732	2743	2751	rVV4	1202804	2863994	4.79%	0.318%
53	9.911	2752	2759	2765	rVV3	1932052	3285100	5.49%	0.365%
54	9.956	2766	2773	2781	rVV3	3989882	7247382	12.12%	0.805%
55	10.027	2782	2795	2799	rVV2	5680615	11374758	19.02%	1.263%
56	10.056	2800	2804	2814	rVB2	6186880	8630820	14.43%	0.959%
57	10.162	2820	2837	2852	rBV8	6922633	18124098	30.30%	2.013%
58	10.288	2870	2876	2881	rBV	1053705	1488608	2.49%	0.165%
59	10.333	2883	2890	2898	rVV4	1971923	3430770	5.74%	0.381%
60	10.387	2899	2907	2917	rVB5	2966044	5444915	9.10%	0.605%
61	10.448	2918	2926	2934	rBV	5943319	9574721	16.01%	1.063%
62	10.516	2937	2947	2955	rVB6	3880449	8111903	13.56%	0.901%
63	10.622	2970	2980	2985	rBV3	1273936	2500989	4.18%	0.278%
64	10.670	2986	2995	3002	rBV4	3997745	6957829	11.63%	0.773%
65	10.825	3034	3043	3059	rBV2	14578421	24833217	41.52%	2.758%
66	10.979	3082	3091	3097	rBV5	4252010	8128636	13.59%	0.903%
67	11.095	3119	3127	3134	rBV	7306186	10764573	18.00%	1.195%
68	11.136	3135	3140	3148	rVB6	3662534	5757567	9.63%	0.639%
69	11.185	3149	3155	3162	rBV3	3497350	4711138	7.88%	0.523%
70	11.239	3164	3172	3178	rVV3	5405277	7759429	12.97%	0.862%
71	11.281	3179	3185	3191	rVV2	5300507	7808509	13.05%	0.867%
72	11.320	3191	3197	3205	rVB	8138135	10635395	17.78%	1.181%
73	11.410	3217	3225	3234	rVB2	8984256	13714944	22.93%	1.523%
74	11.487	3243	3249	3252	rBV	2613810	3319700	5.55%	0.369%
75	11.548	3262	3268	3289	rVB10	9713890	31179056	52.12%	3.463%
76	11.760	3329	3334	3342	rVB4	4436518	5830693	9.75%	0.648%

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 Title : VOC Analysis

77	11.882	3356	3372	3380	rBV5	9859873	23394445	39.11%	2.598%
78	11.953	3381	3394	3408	rVB4	12113345	29495820	49.31%	3.276%
79	12.075	3422	3432	3447	rBV8	9667145	23688377	39.60%	2.631%
80	12.201	3459	3471	3480	rBV6	13229066	26024682	43.51%	2.890%
81	12.316	3497	3507	3514	rBV3	19774412	35784613	59.82%	3.974%
82	12.358	3514	3520	3529	rVV5	13281042	22860268	38.22%	2.539%
83	12.413	3529	3537	3545	rVV3	25102737	38122517	63.73%	4.234%
84	12.493	3557	3562	3569	rVB3	4838041	5905034	9.87%	0.656%
85	12.538	3570	3576	3584	rVB2	8850813	11622024	19.43%	1.291%
86	12.587	3586	3591	3608	rVB4	5328378	8770402	14.66%	0.974%
87	12.667	3611	3616	3630	rVB4	7793838	12732607	21.29%	1.414%
88	12.744	3632	3640	3648	rBV6	6089490	11739218	19.63%	1.304%
89	12.825	3658	3665	3671	rBV2	15148301	22231448	37.17%	2.469%
90	12.943	3698	3702	3707	rVV	3188485	3269336	5.47%	0.363%
91	12.992	3708	3717	3741	rVB6	22285406	59817124	100.00%	6.643%
92	13.156	3762	3768	3776	rVB4	5004315	7342026	12.27%	0.815%
93	13.210	3777	3785	3792	rBV4	7876316	13219864	22.10%	1.468%
94	13.426	3845	3852	3863	rVB7	10639037	19723558	32.97%	2.190%
95	13.484	3864	3870	3889	rVB6	6274125	11693778	19.55%	1.299%
96	14.030	4032	4040	4054	rVB6	3506004	7013595	11.73%	0.779%
97	14.705	4243	4250	4256	rBV3	691679	1172301	1.96%	0.130%
98	14.750	4256	4264	4280	rVB	4681477	8205927	13.72%	0.911%
99	15.522	4498	4504	4516	rVB	727748	1157991	1.94%	0.129%
100	15.603	4521	4529	4549	rVB	404907	815402	1.36%	0.091%

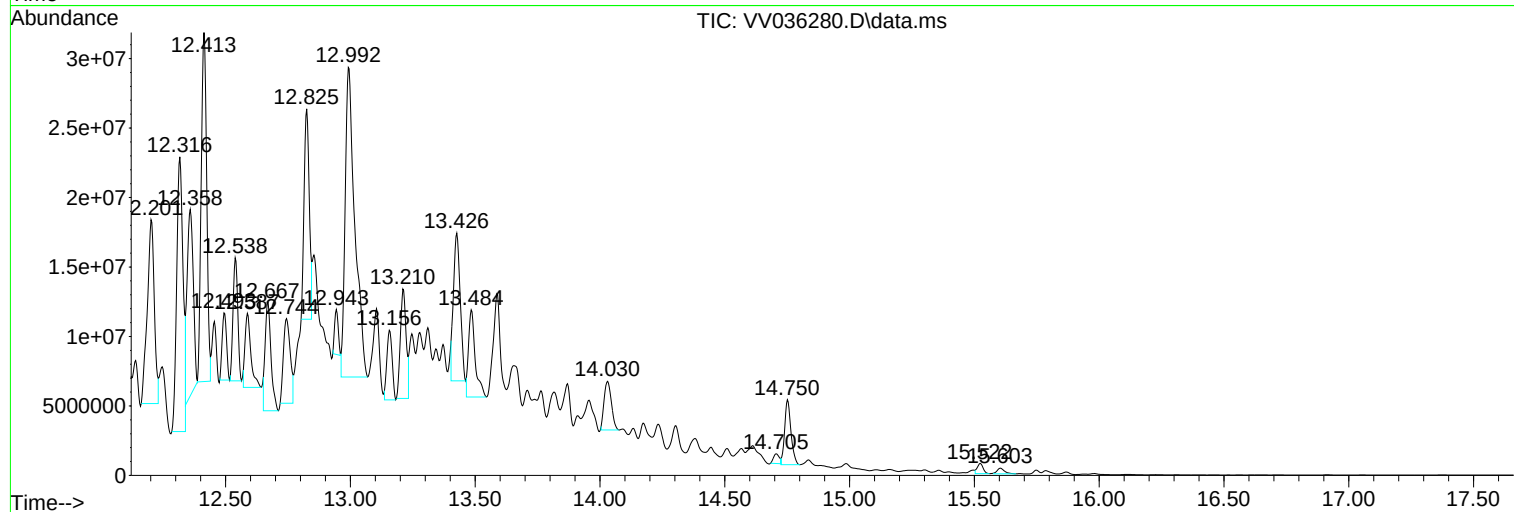
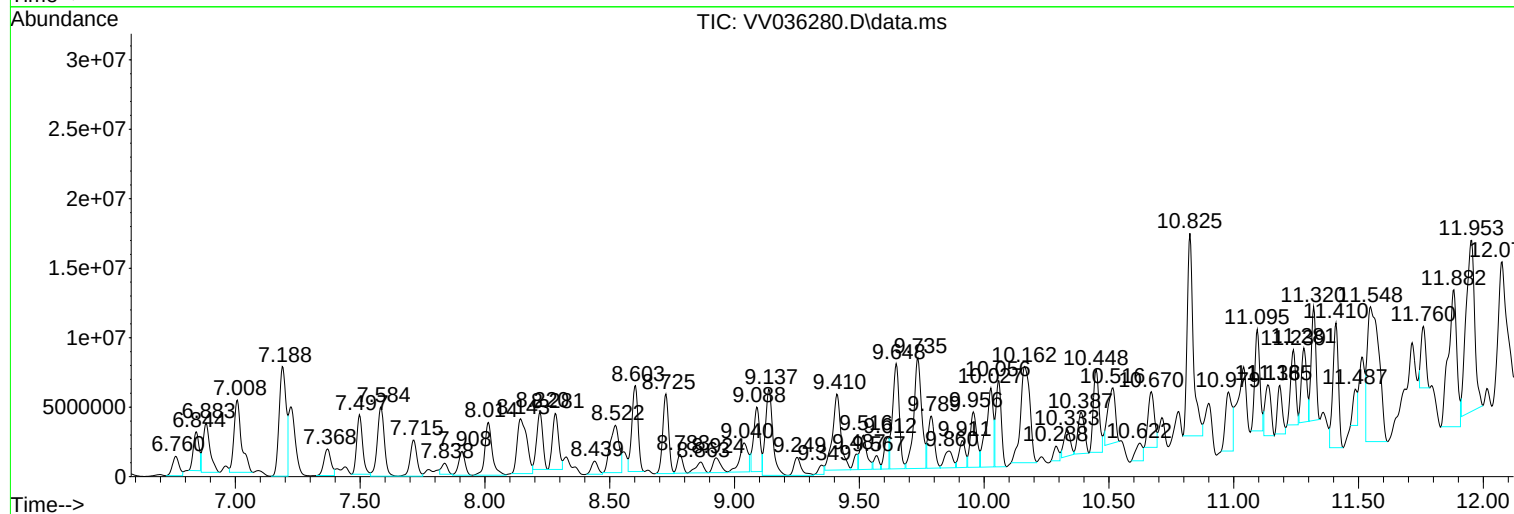
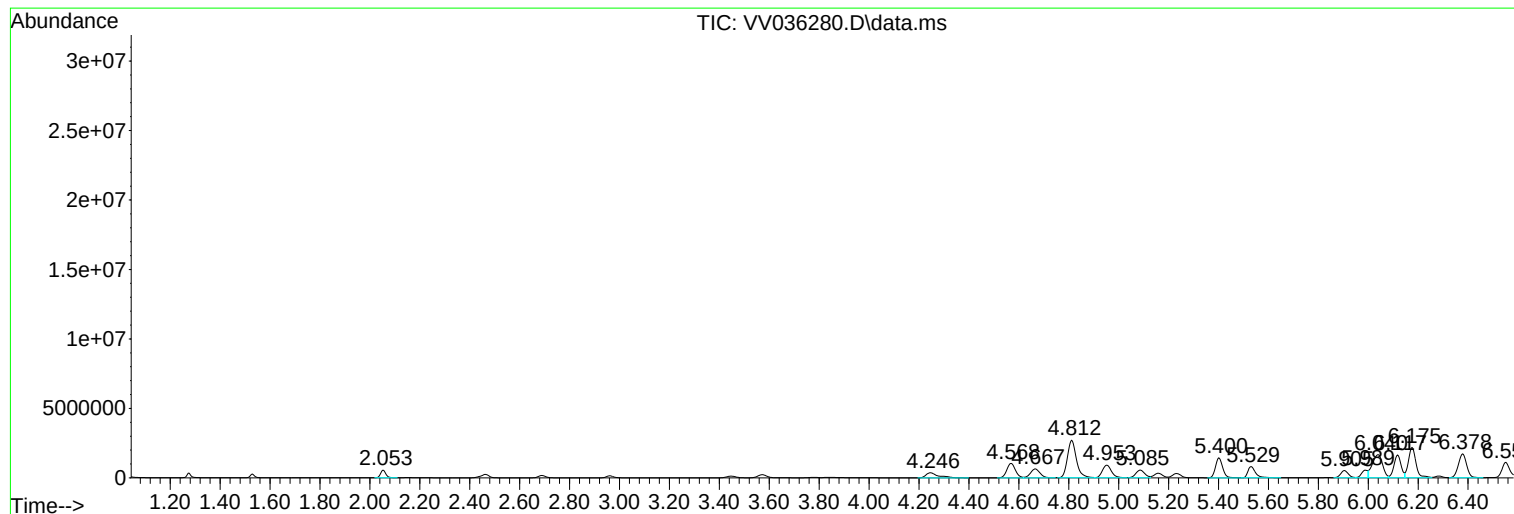
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Instrument :
MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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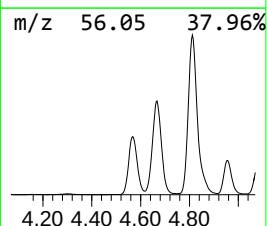
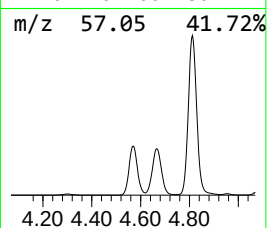
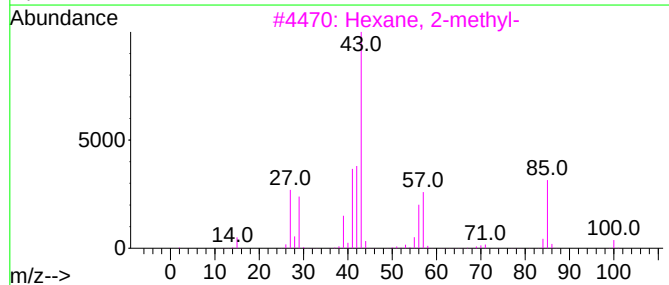
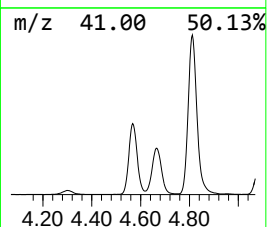
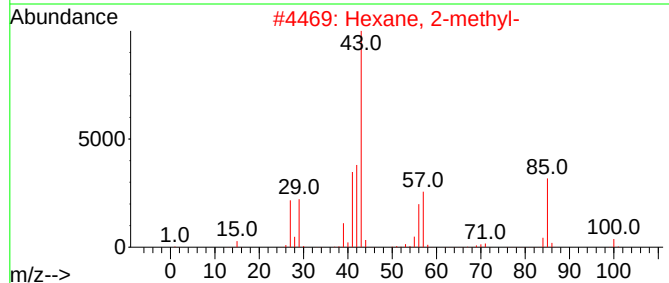
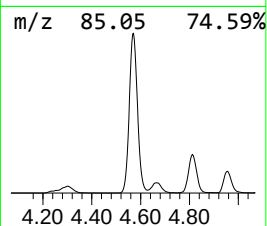
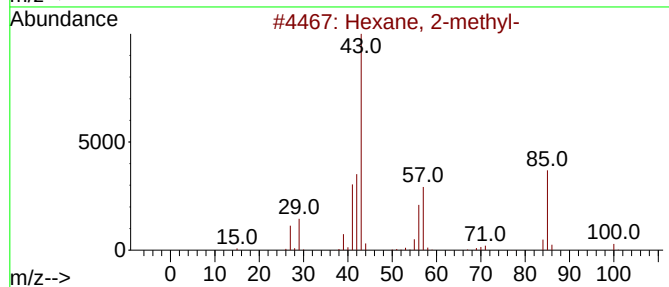
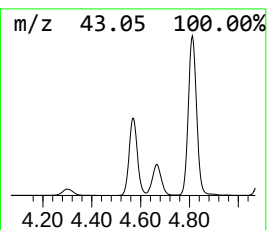
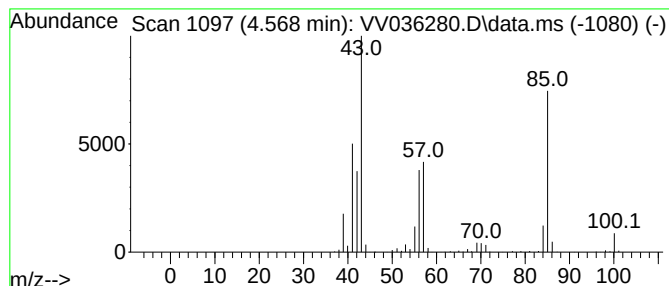
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.568	36.31 ug/L	2495170	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
4			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
5			Hexane, 2-bromo-	164	C6H13Br	003377-86-4	59



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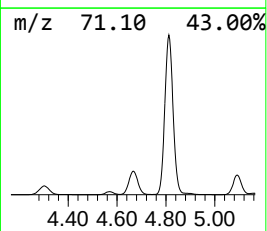
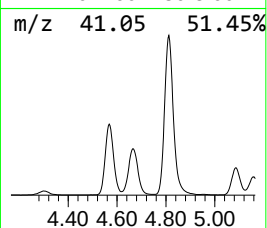
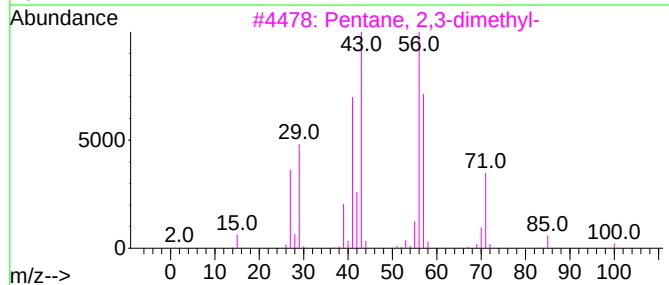
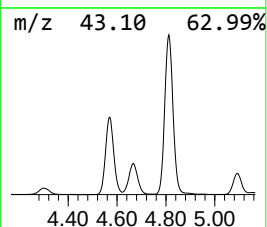
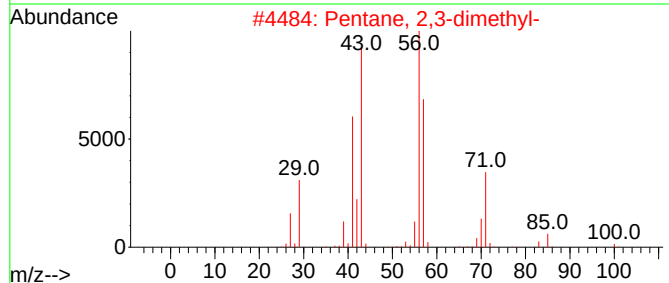
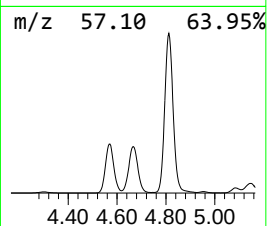
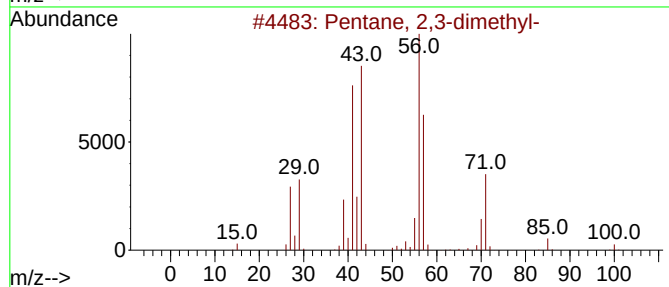
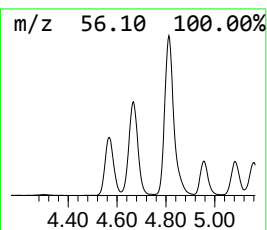
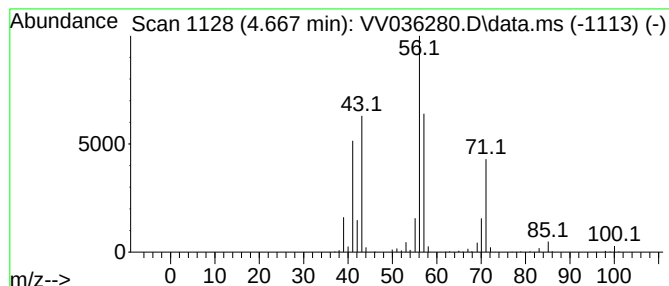
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.667	24.57 ug/L	1688350	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50



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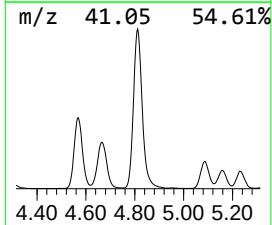
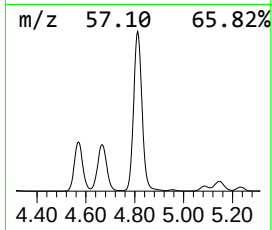
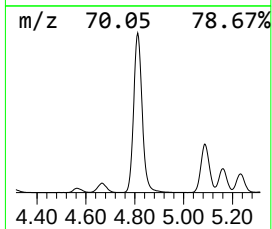
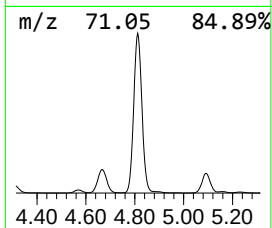
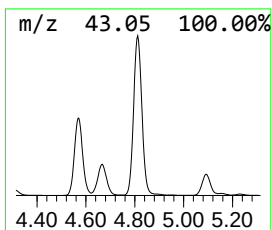
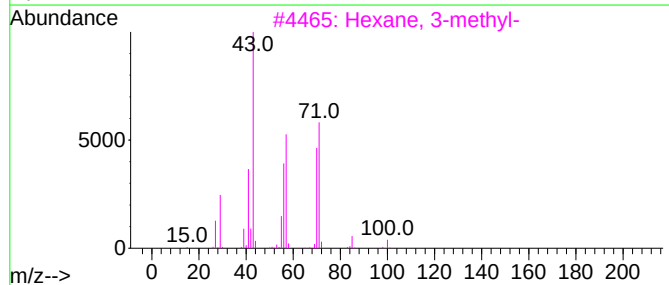
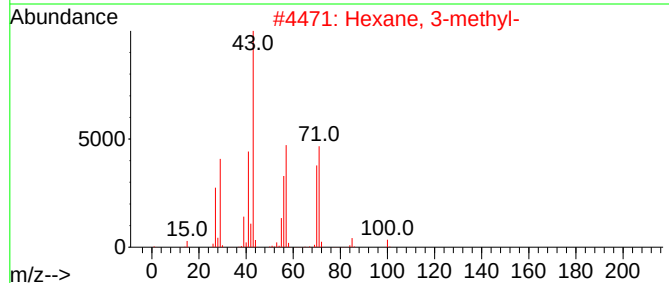
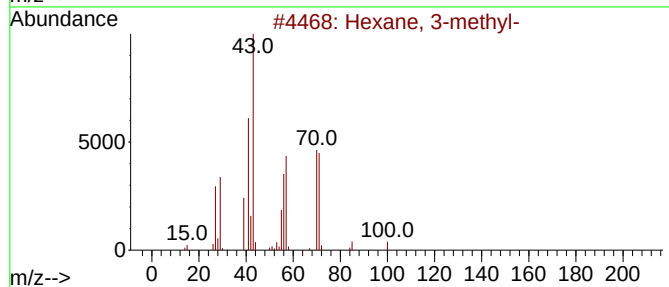
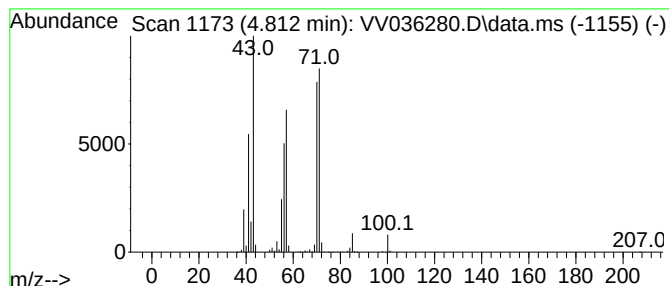
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.812	98.45 ug/L	6765230	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-			100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-			100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-			100	C7H16	000589-34-4	90
4	Hexane, 3,3,4-trimethyl-			128	C9H20	016747-31-2	64
5	Decane, 3,3,4-trimethyl-			184	C13H28	049622-18-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

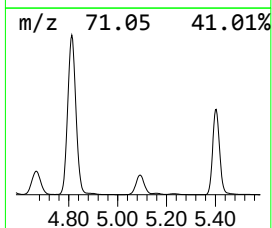
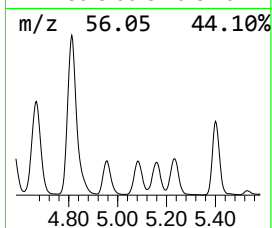
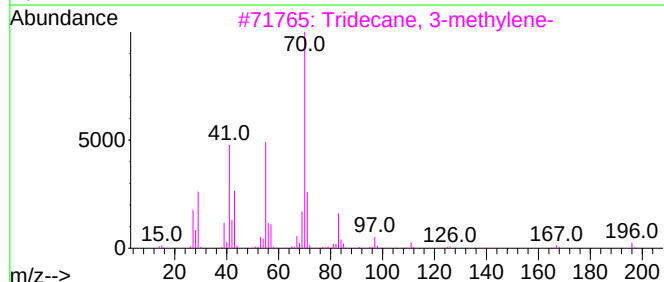
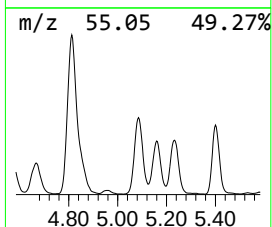
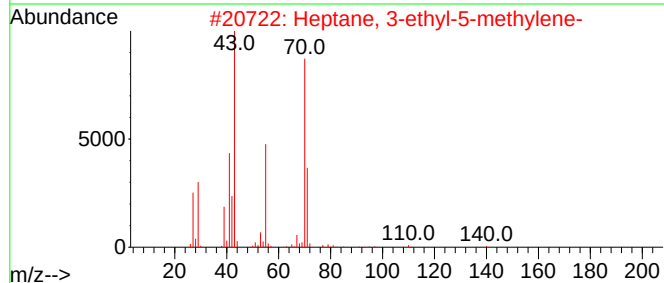
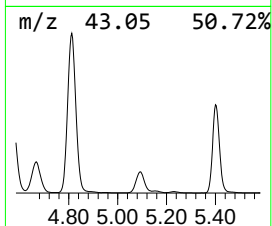
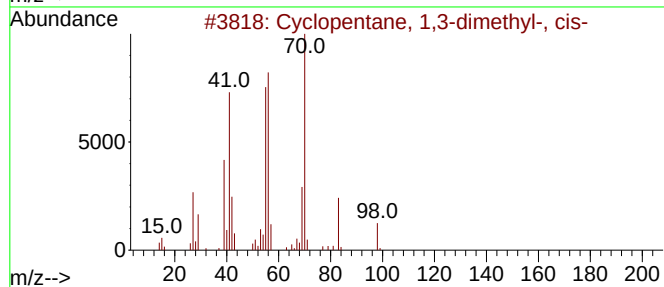
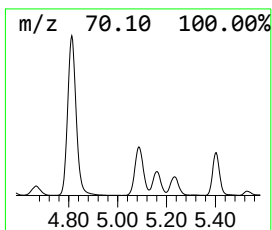
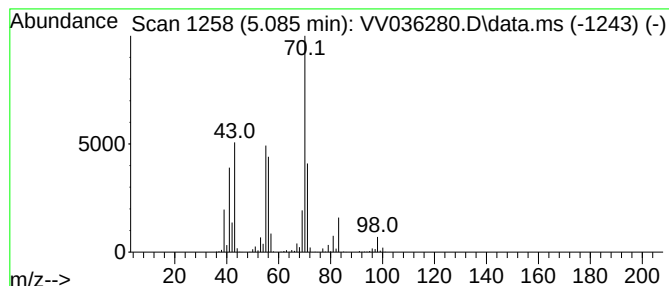
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic5.085 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.085	20.02 ug/L	1375810	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	55
2			Heptane, 3-ethyl-5-methylene-	140	C10H20	1010160-41-7	53
3			Tridecane, 3-methylene-	196	C14H28	019780-34-8	50
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	49
5			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

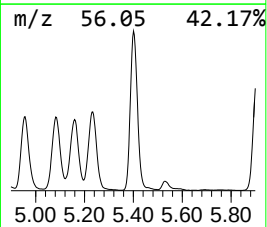
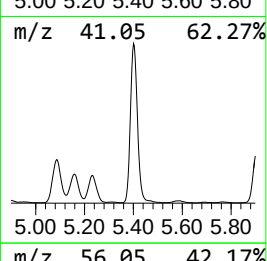
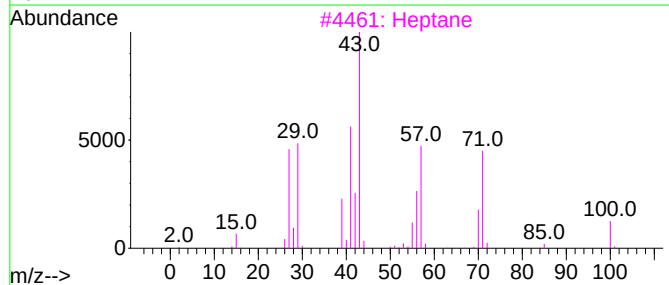
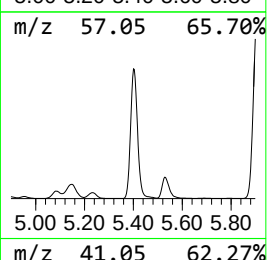
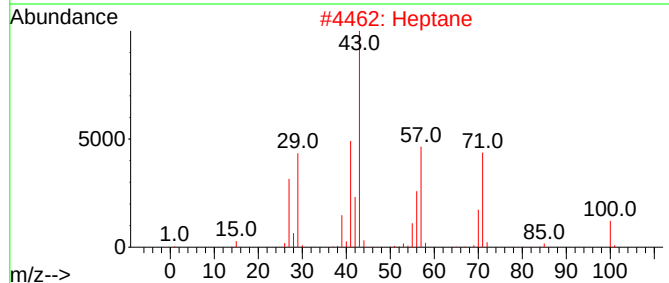
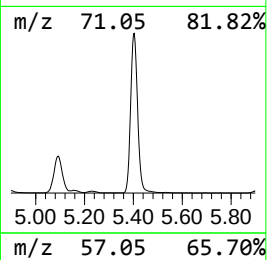
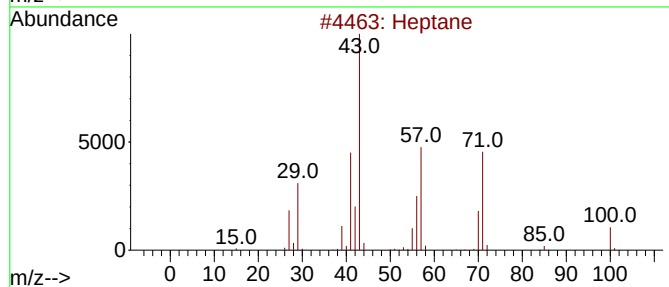
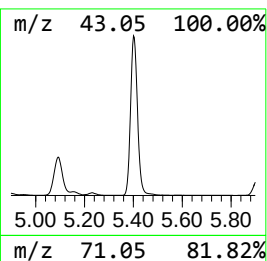
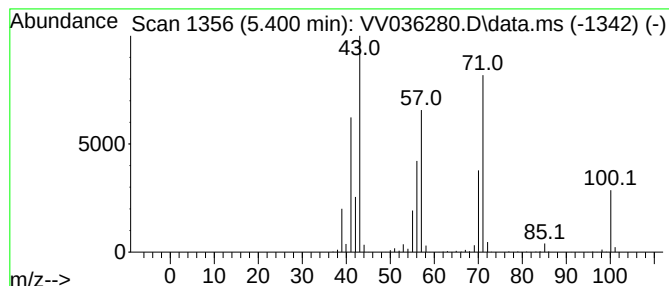
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.400	41.79 ug/L	2871880	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Heptane	100	C7H16	000142-82-5	91
3			Heptane	100	C7H16	000142-82-5	91
4			Heptane	100	C7H16	000142-82-5	72
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

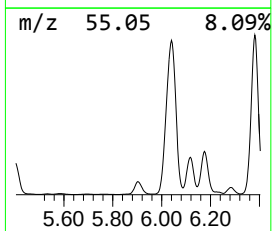
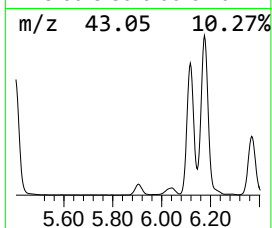
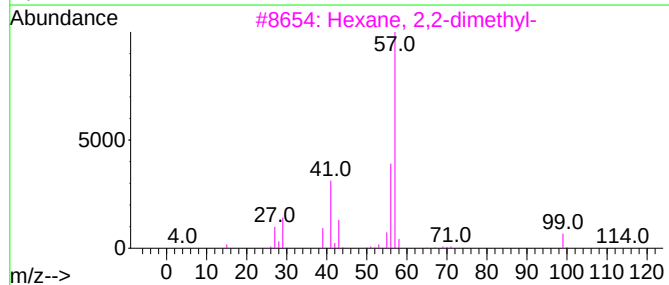
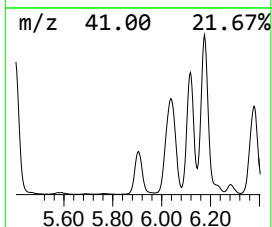
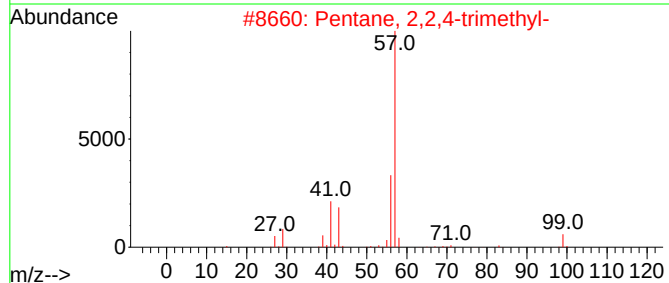
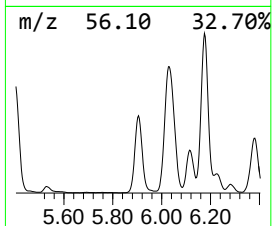
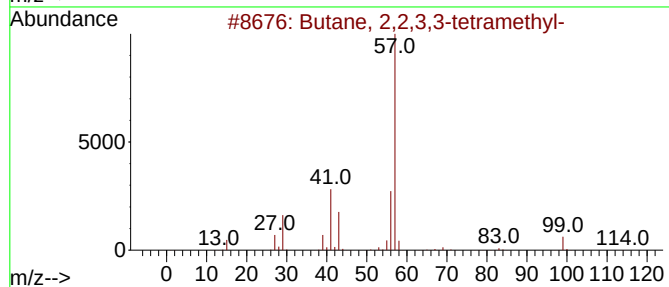
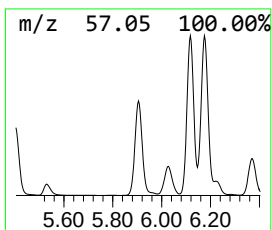
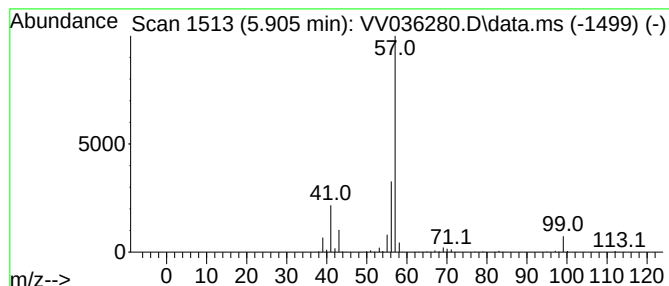
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	15.97 ug/L	1097580	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
5			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

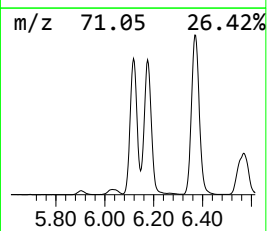
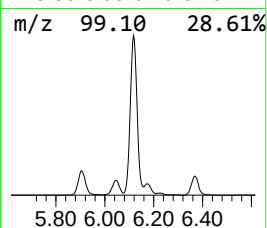
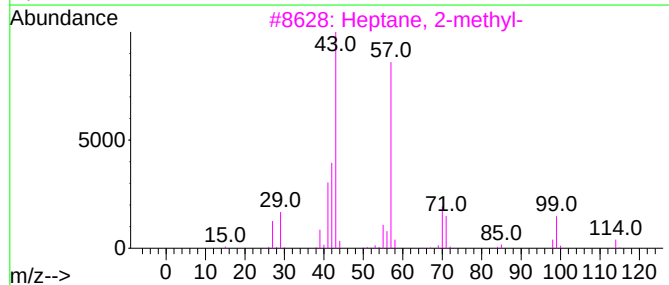
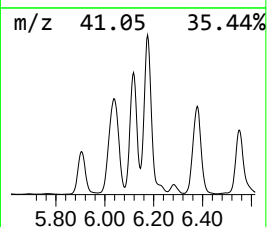
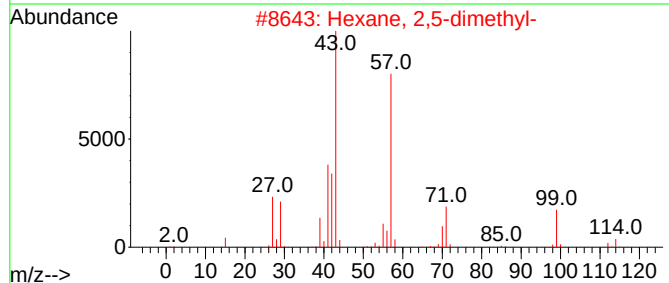
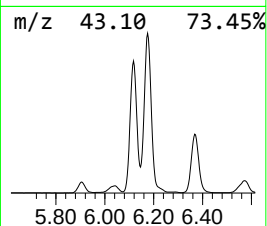
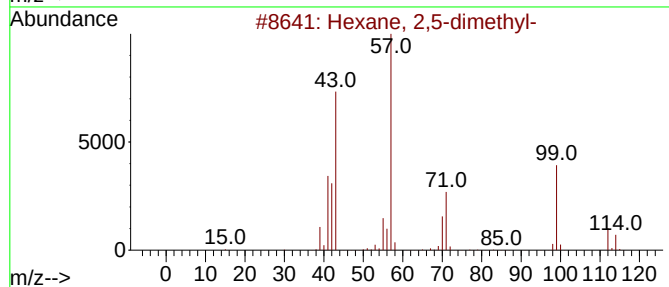
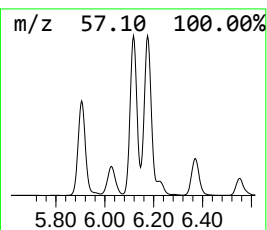
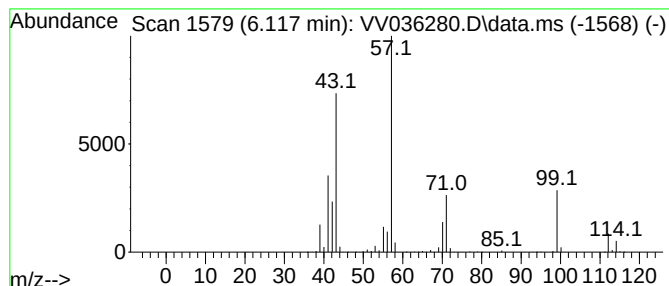
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.117	47.55 ug/L	3267510	1,4-Difluorobenzene	5.532

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	95
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4		Heptane, 2-methyl-	114	C8H18	000592-27-8	53
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

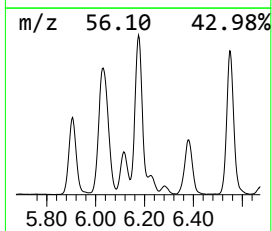
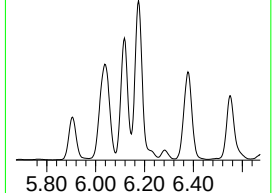
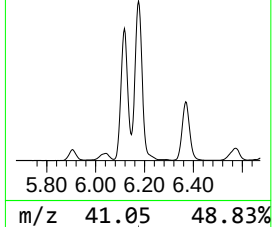
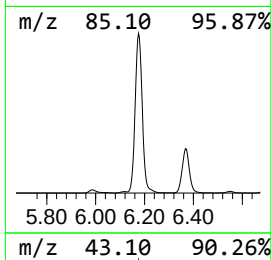
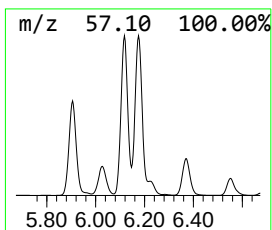
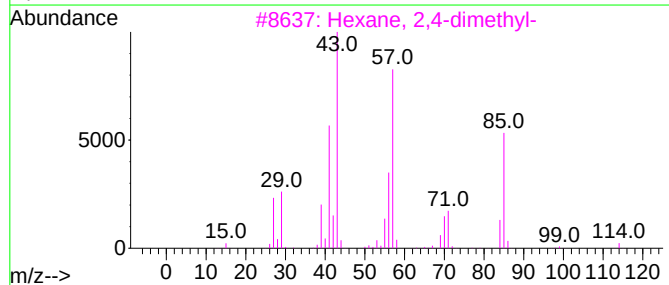
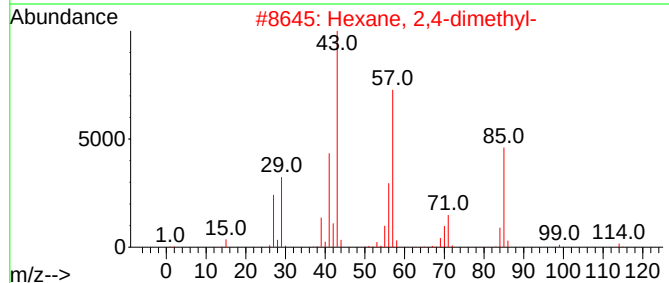
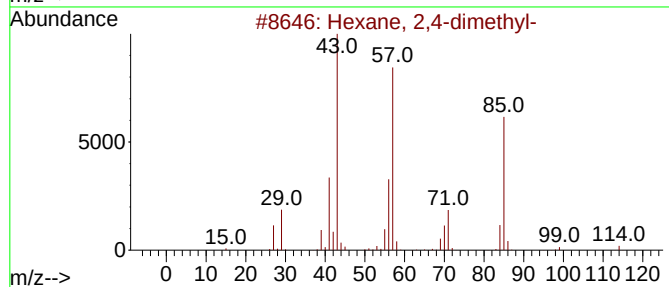
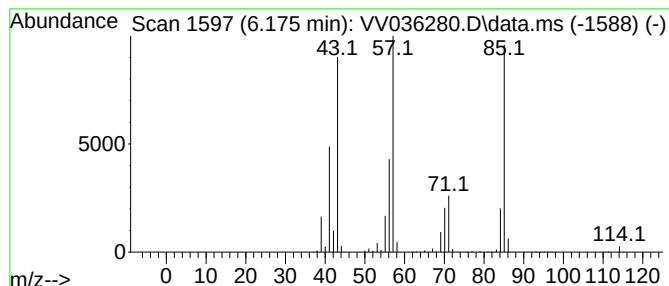
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.175	66.19 ug/L	4548430	1,4-Difluorobenzene	5.532

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	86
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
4		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
5		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

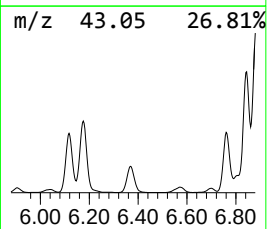
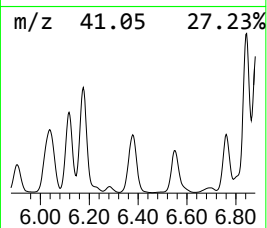
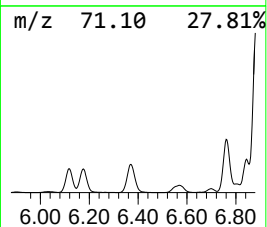
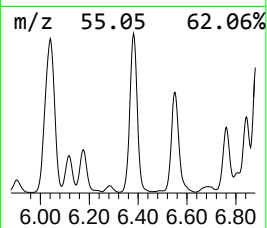
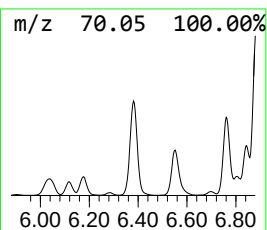
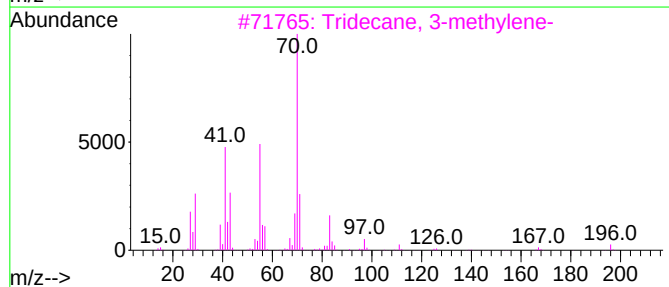
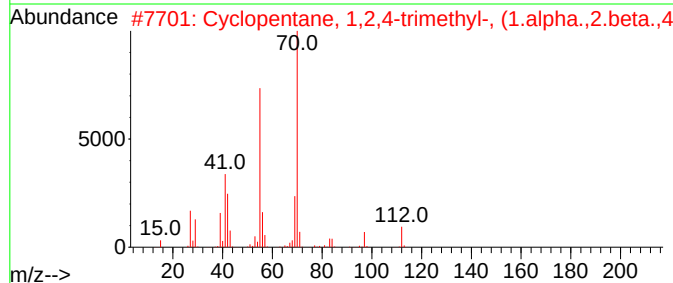
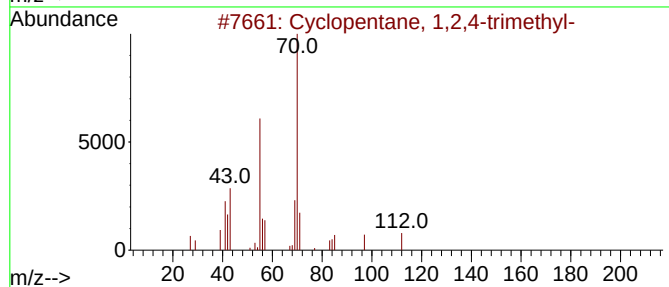
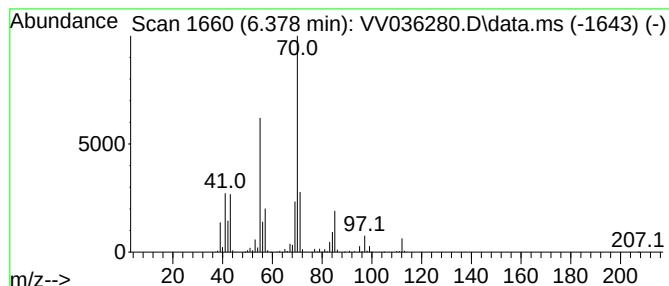
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic6.378 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	57.27 ug/L	3935820	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	83
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
3			Tridecane, 3-methylene-	196	C14H28	019780-34-8	64
4			Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	59
5			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

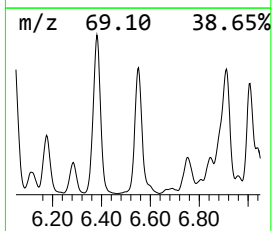
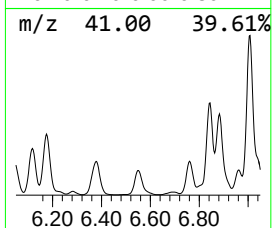
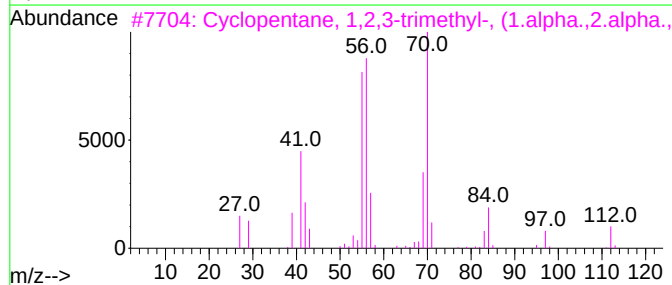
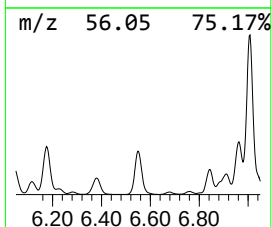
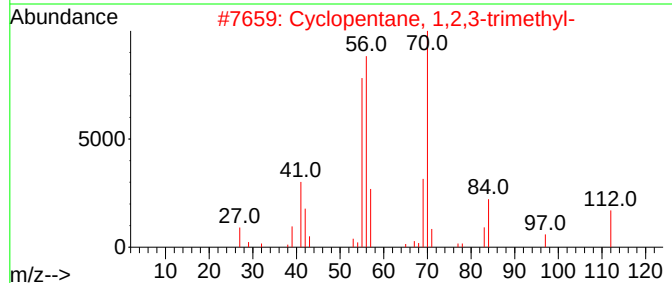
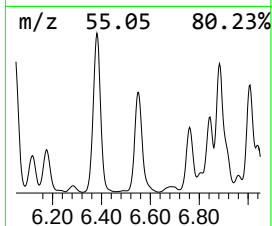
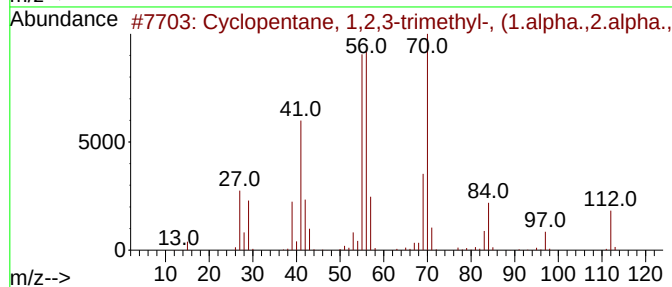
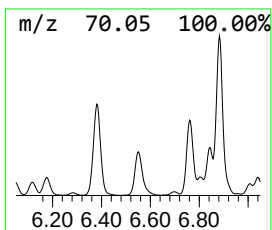
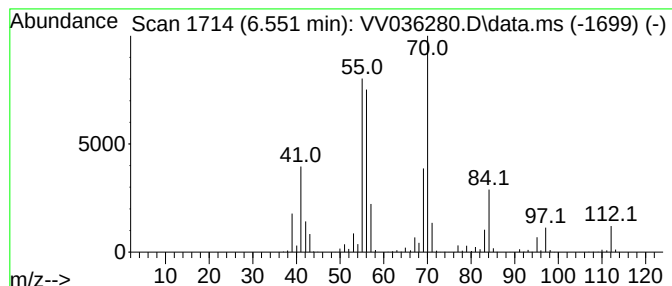
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic6.551 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.551	36.03 ug/L	2476170	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	95
2			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	87
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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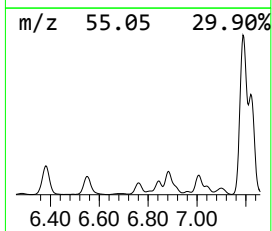
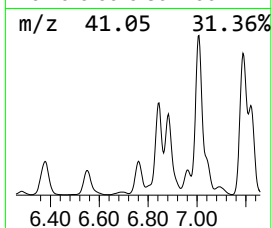
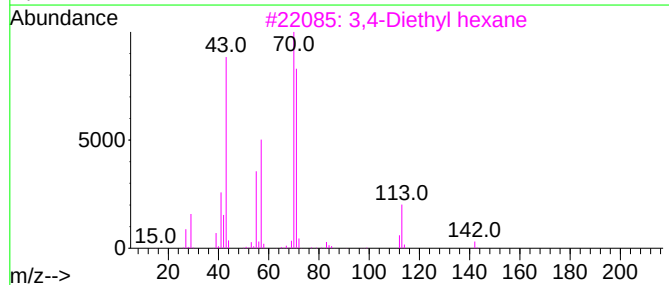
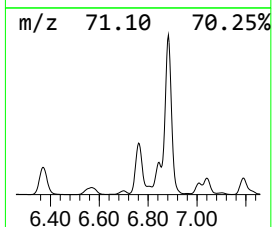
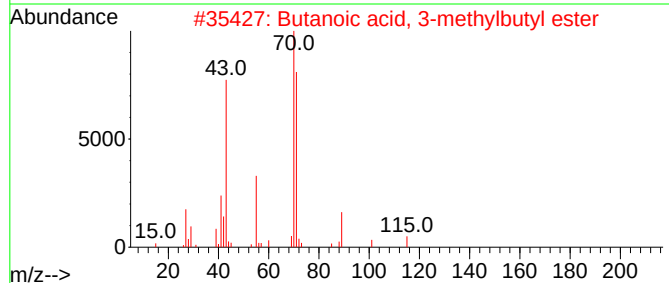
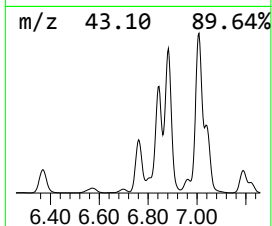
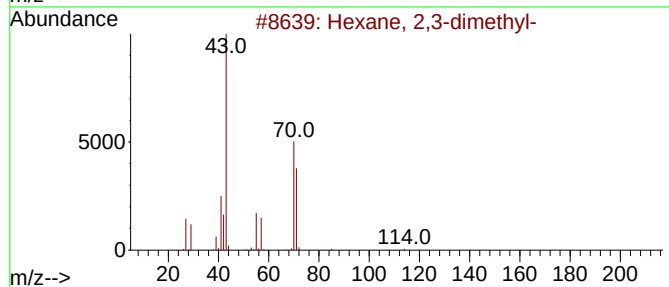
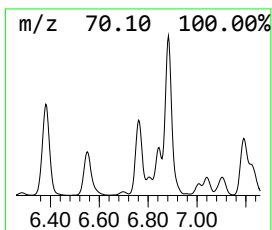
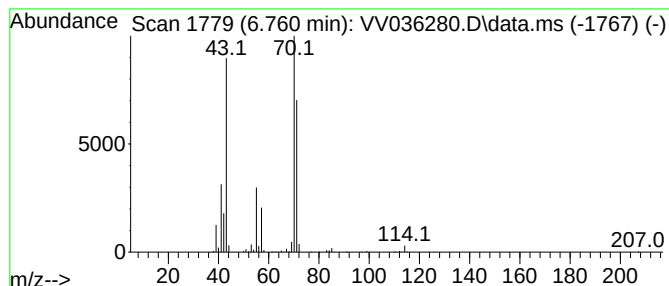
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.760	38.36 ug/L	2635860	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	83
2			Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	83
3			3,4-Diethyl hexane	142	C10H22	019398-77-7	83
4			Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	83
5			Pyrrolidine	71	C4H9N	000123-75-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

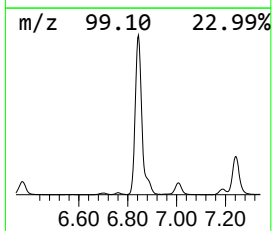
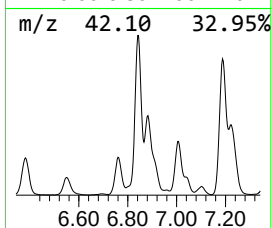
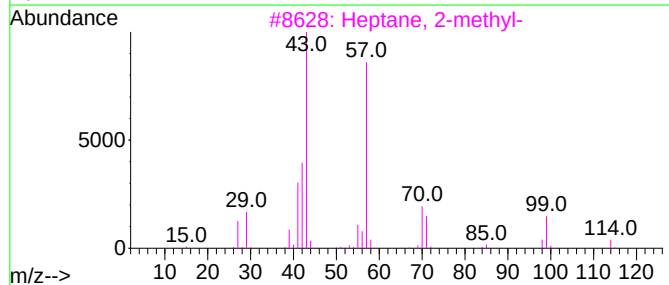
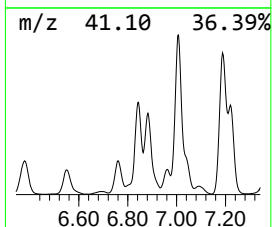
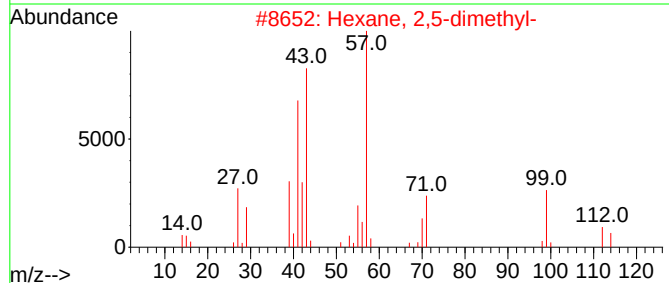
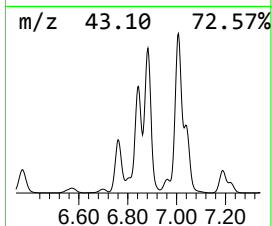
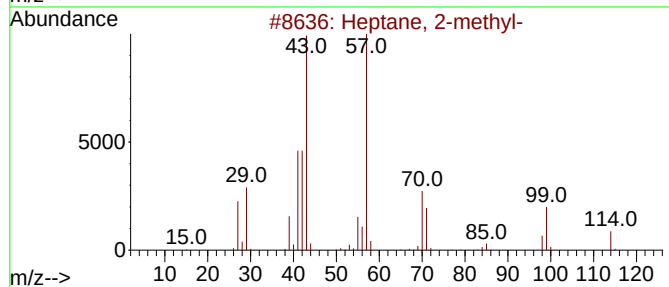
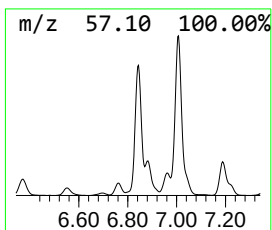
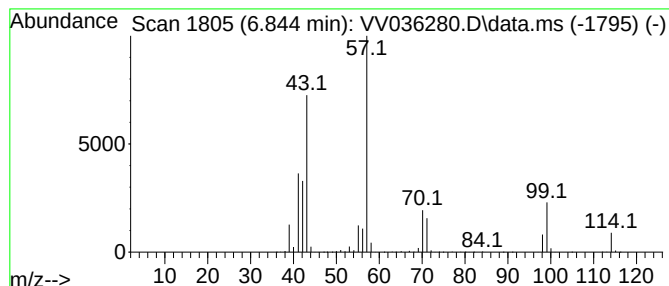
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.844	65.65 ug/L	4511620	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	64
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	62
5			2-Piperidinone	99	C5H9NO	000675-20-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

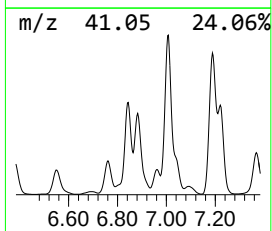
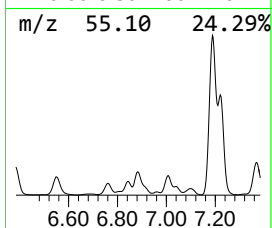
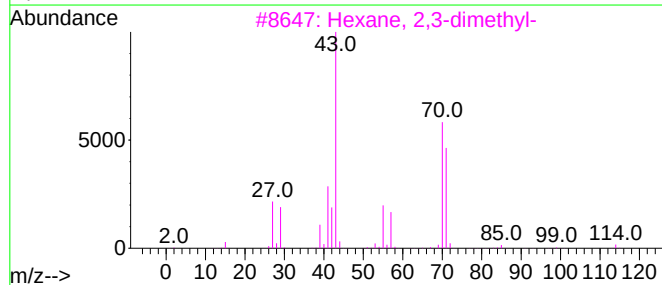
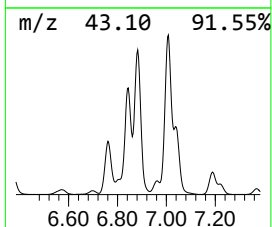
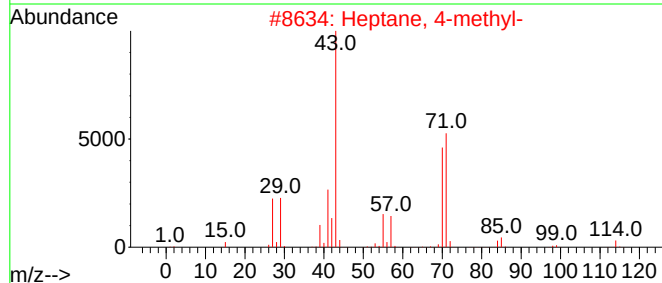
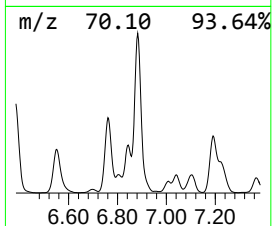
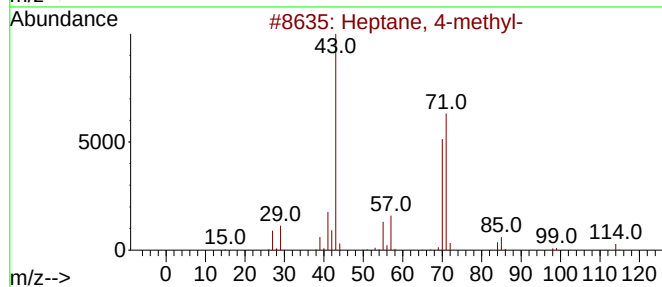
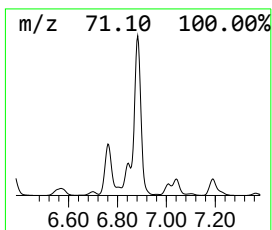
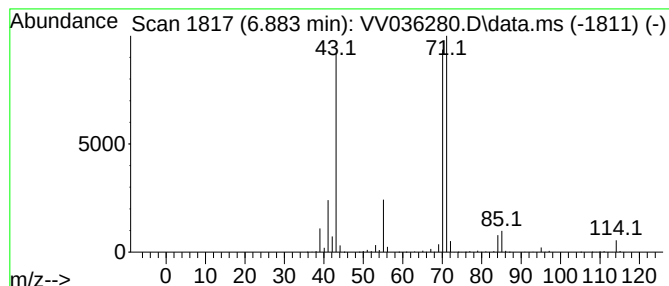
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.883	98.02 ug/L	6736110	1,4-Difluorobenzene	5.532

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-methyl-	114	C8H18	000589-53-7	91
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	86
3		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
4		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

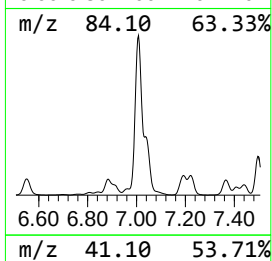
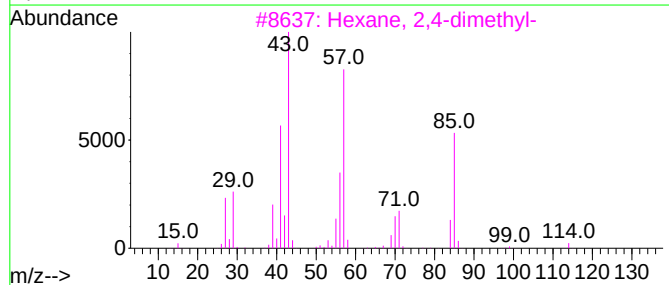
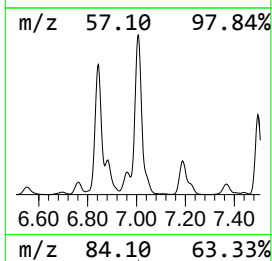
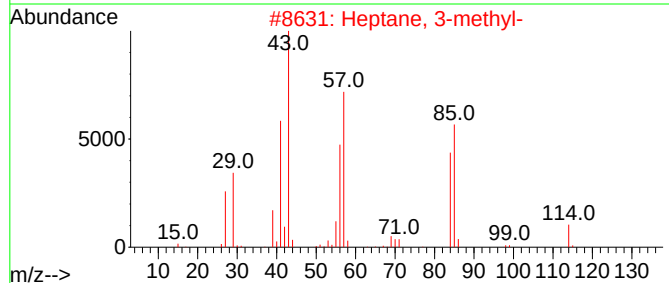
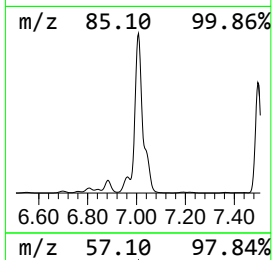
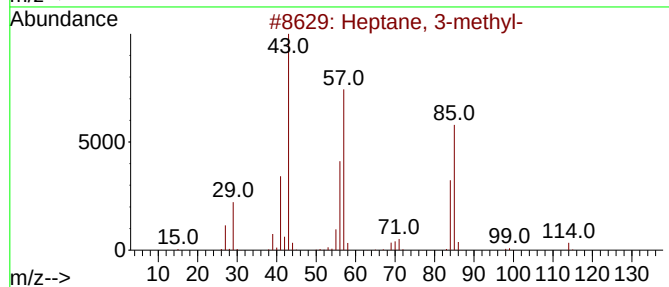
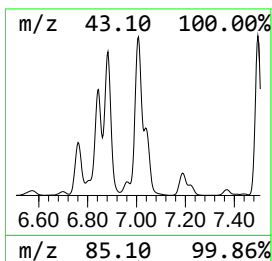
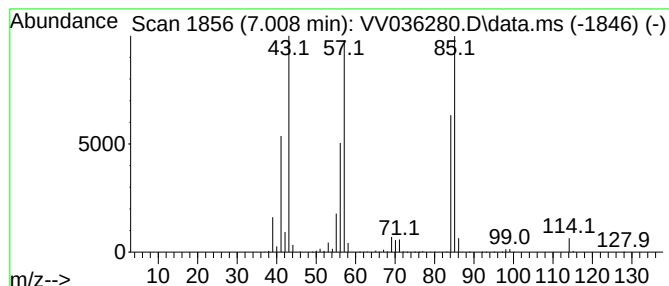
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.008	159.78 ug/L	10979900	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	81
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5			Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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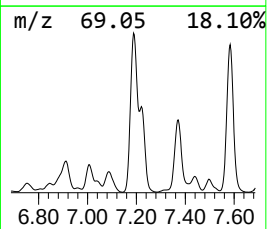
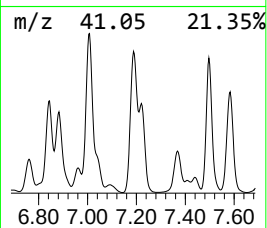
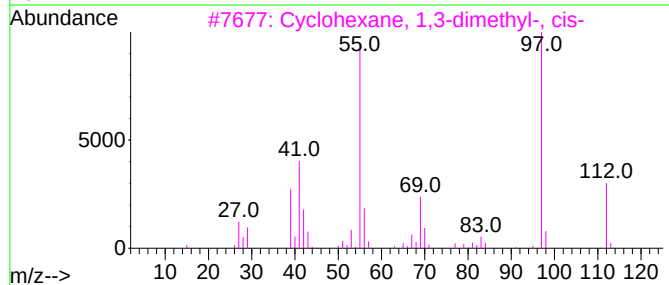
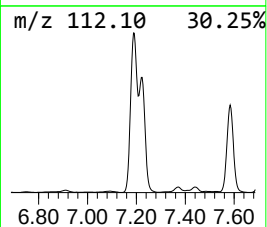
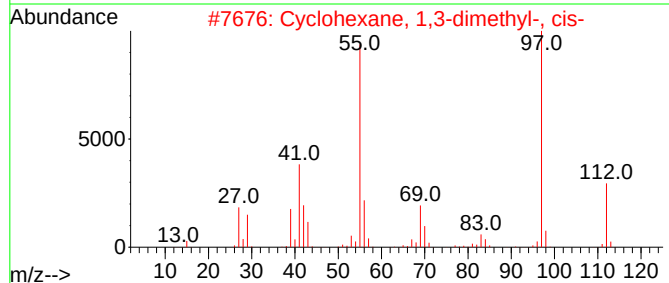
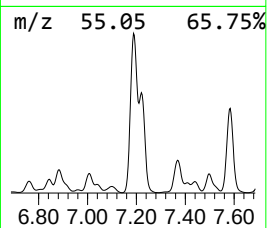
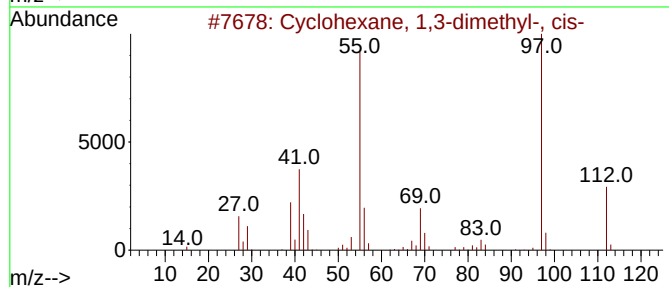
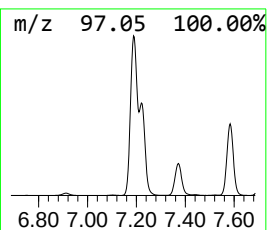
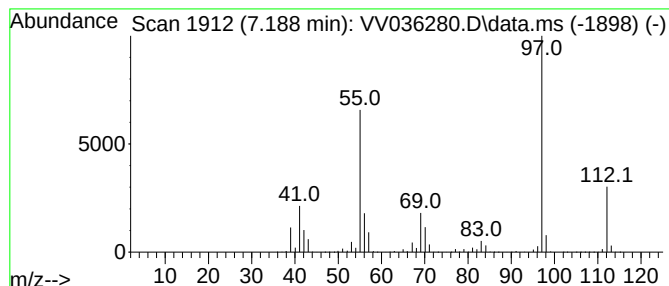
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic7.118 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.188	191.06 ug/L	15577500	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	91
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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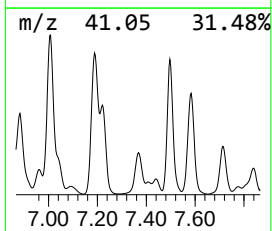
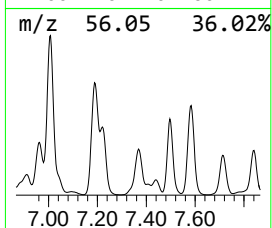
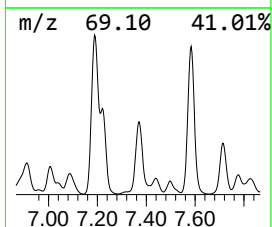
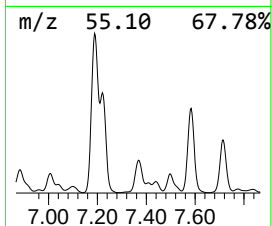
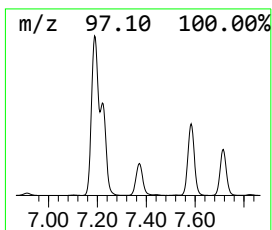
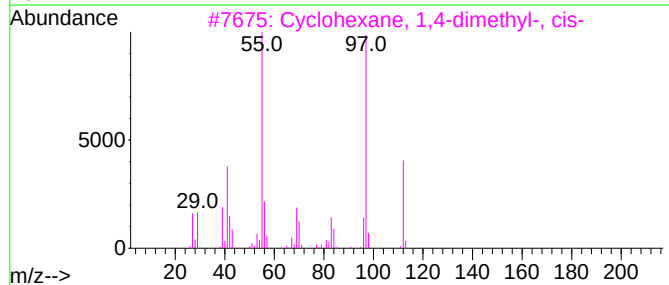
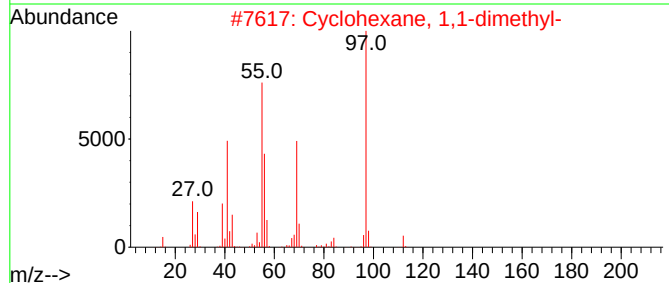
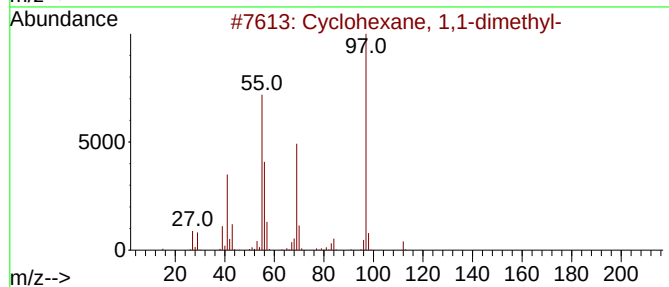
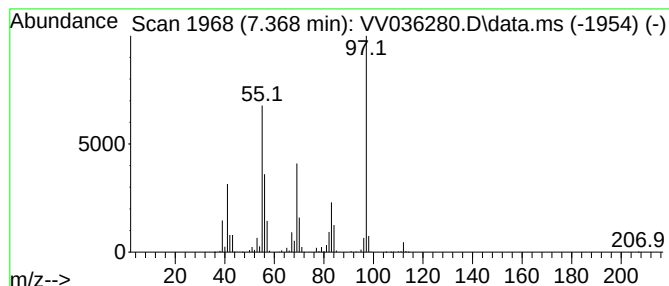
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic7.368 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.368	46.53 ug/L	3794080	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

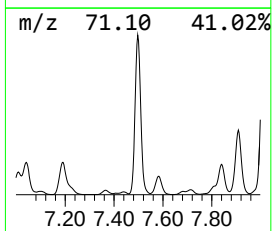
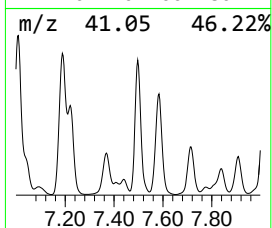
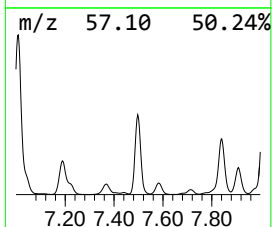
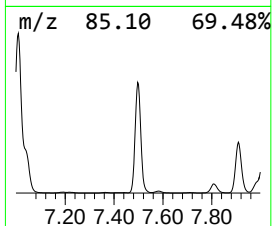
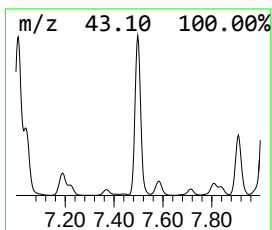
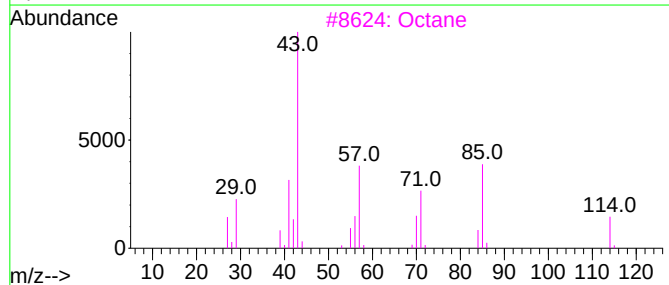
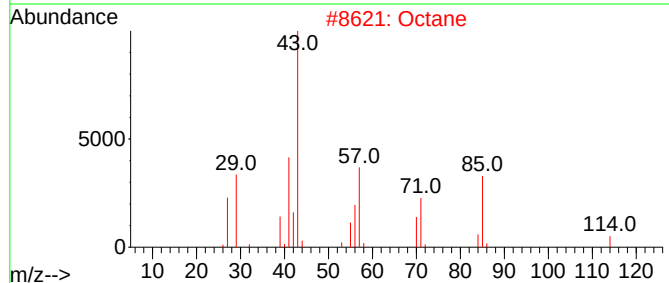
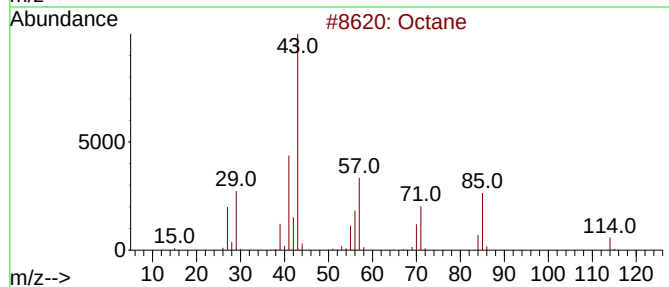
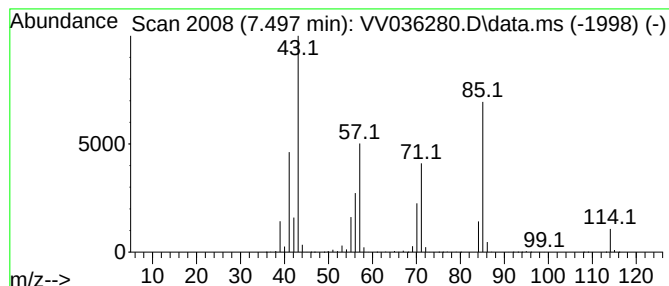
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	85.88 ug/L	7002170	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	95
2	Octane			114	C8H18	000111-65-9	91
3	Octane			114	C8H18	000111-65-9	91
4	Octane			114	C8H18	000111-65-9	91
5	Octane			114	C8H18	000111-65-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

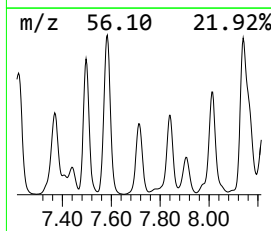
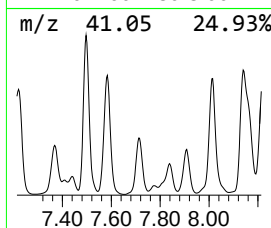
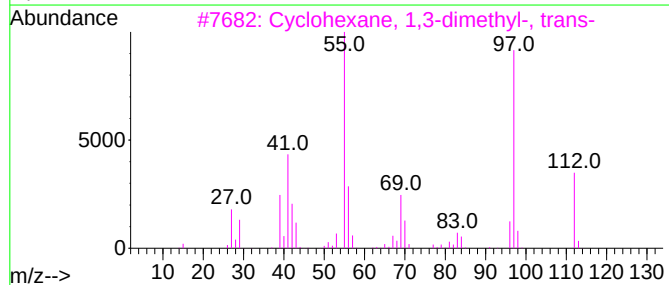
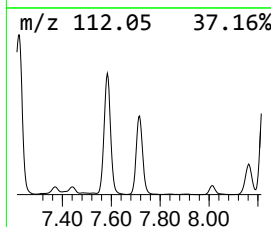
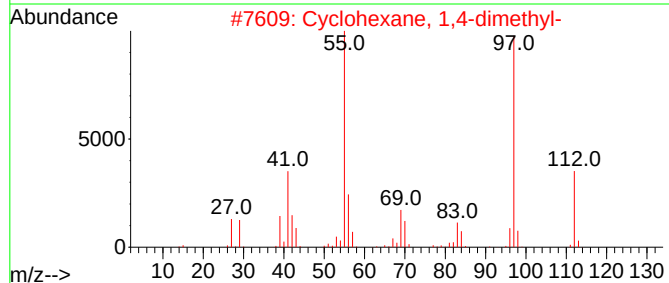
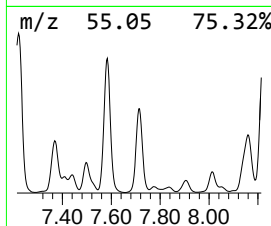
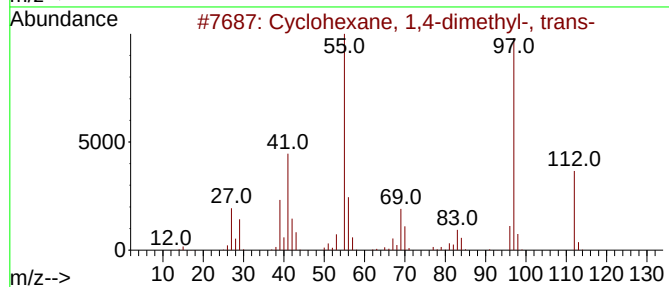
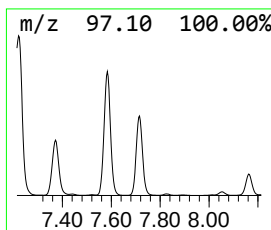
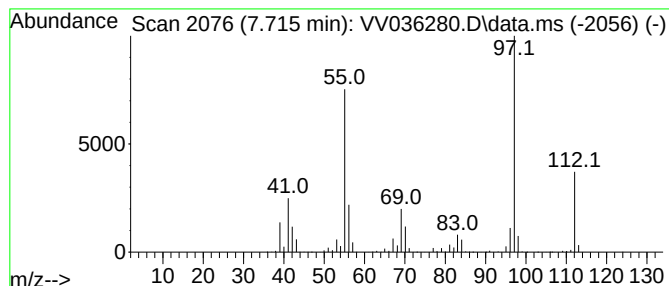
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic7.715 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.715	60.39 ug/L	4923580	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

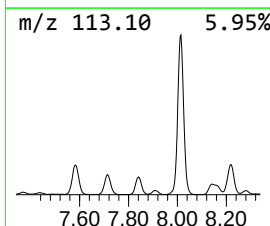
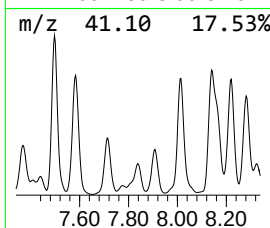
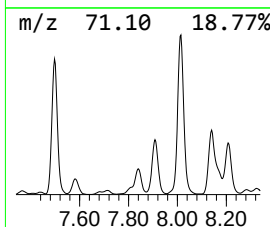
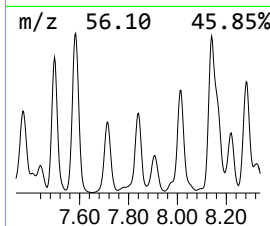
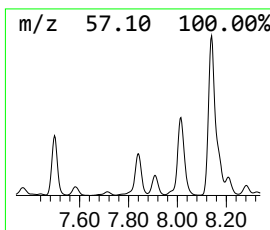
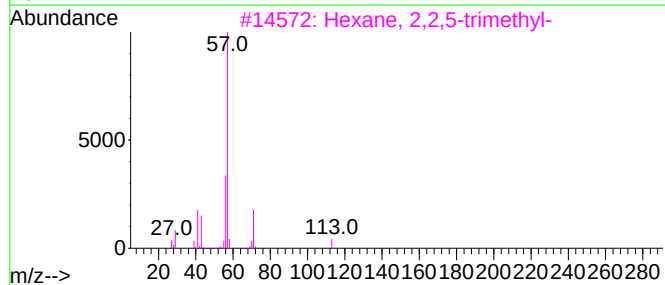
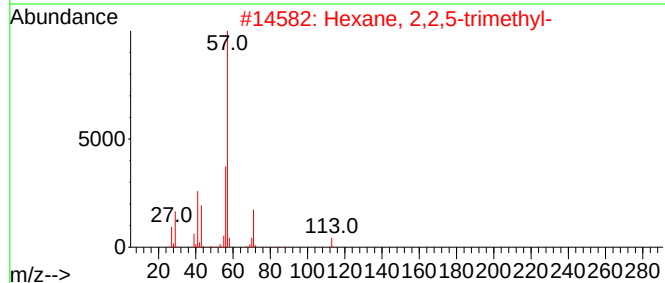
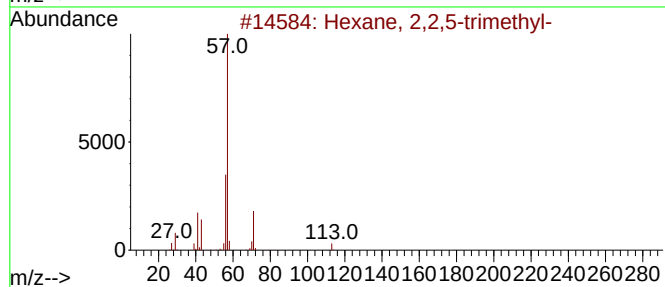
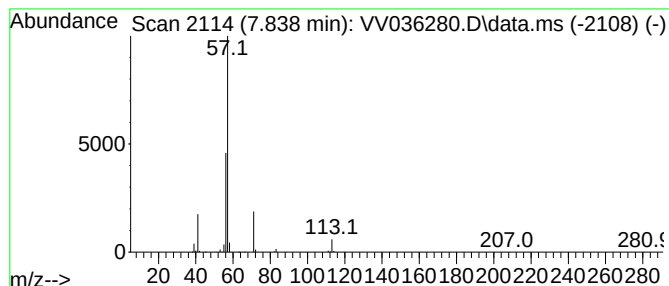
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.838	16.04 ug/L	1307990	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	74
4		Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

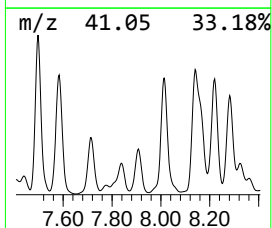
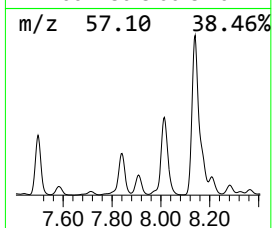
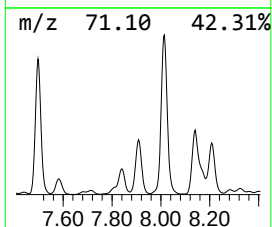
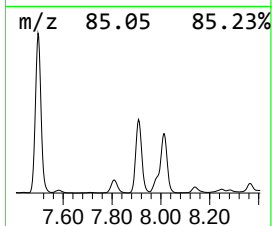
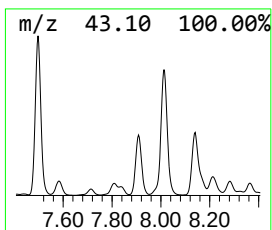
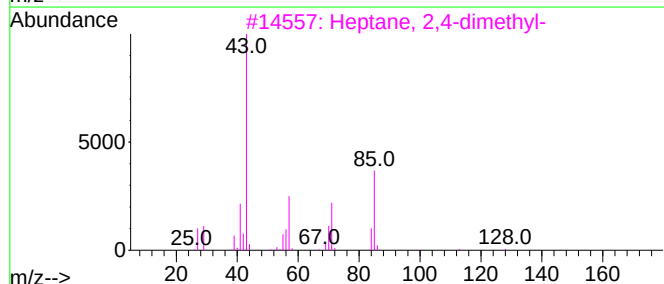
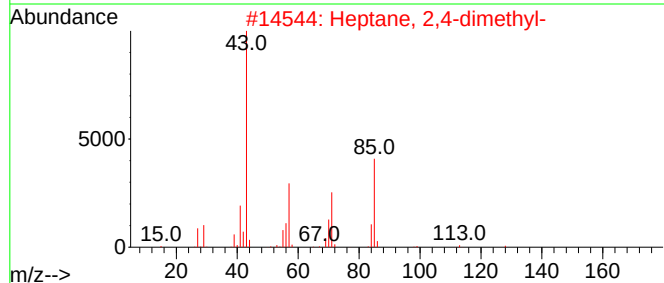
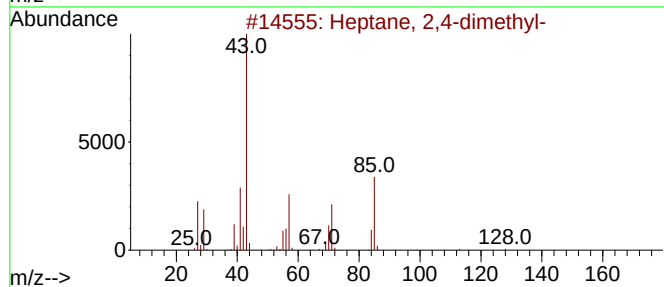
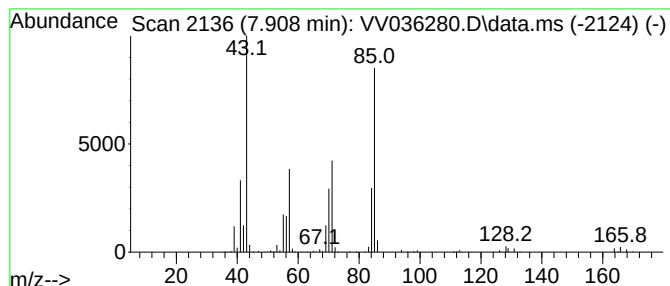
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.908	37.55 ug/L	3061770	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	94
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	91
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	91
4			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	72
5			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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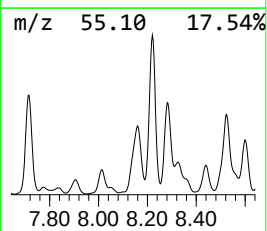
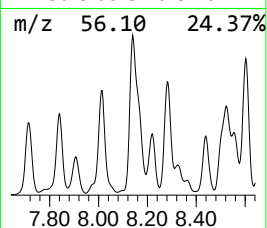
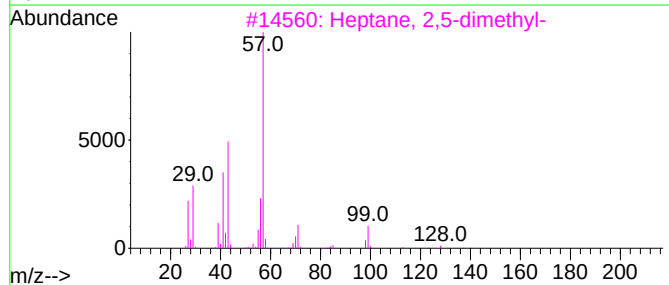
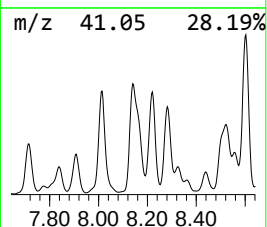
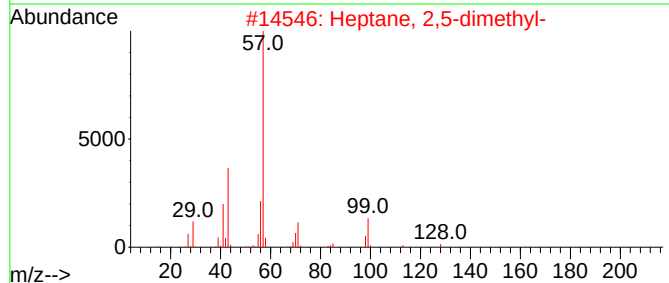
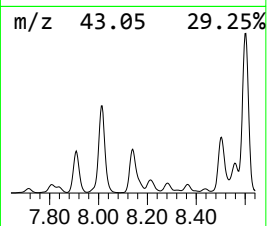
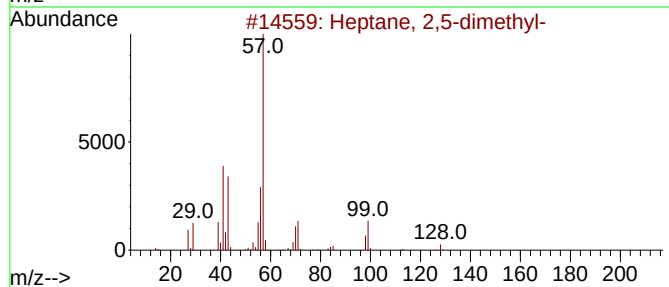
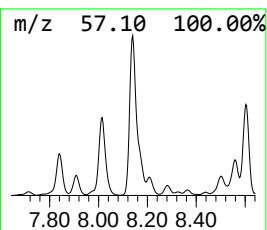
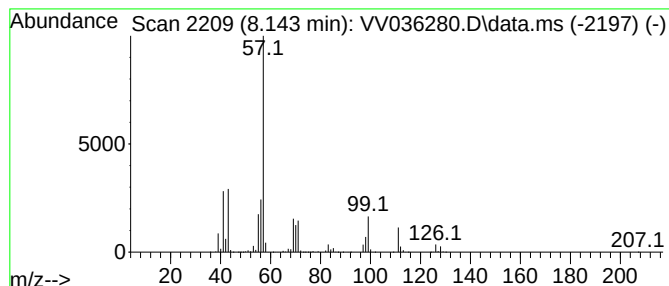
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.143	131.54 ug/L	10724600	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	62
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	62
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58
5			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

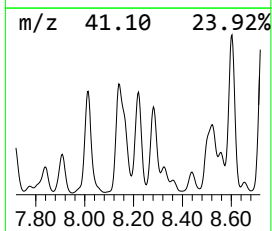
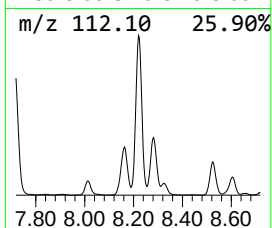
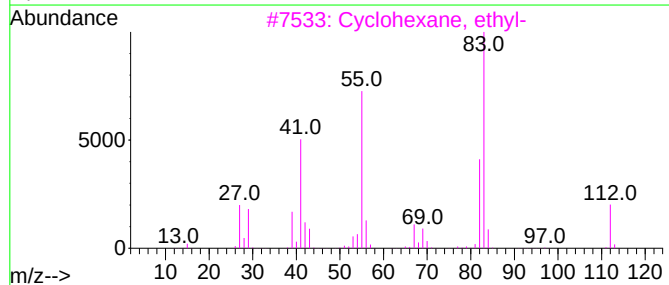
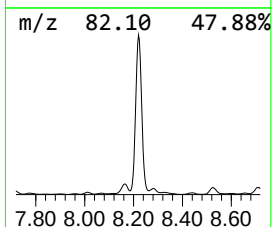
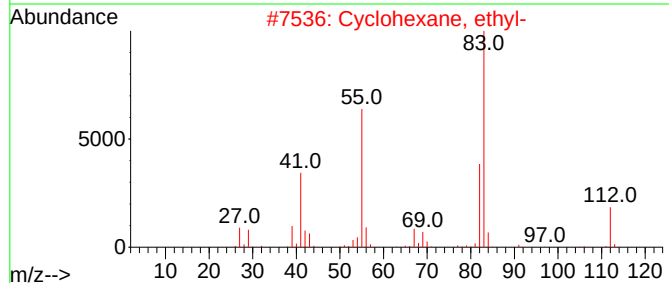
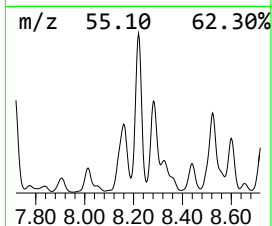
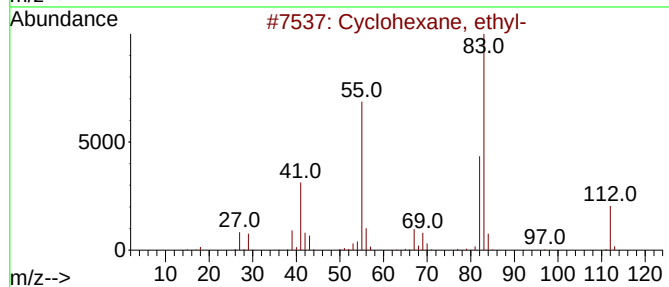
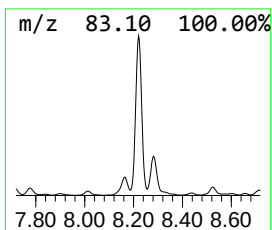
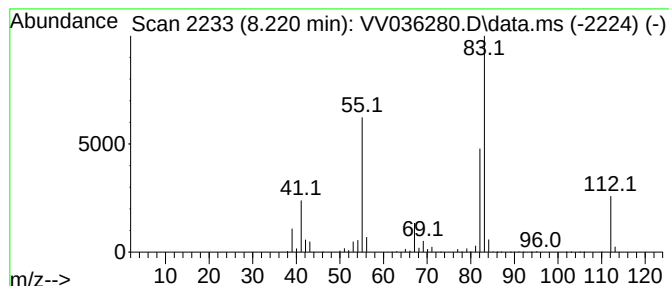
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic8.220 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.220	83.57 ug/L	6813540	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	68
5		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

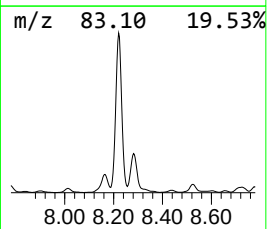
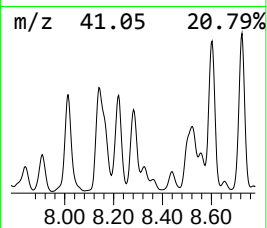
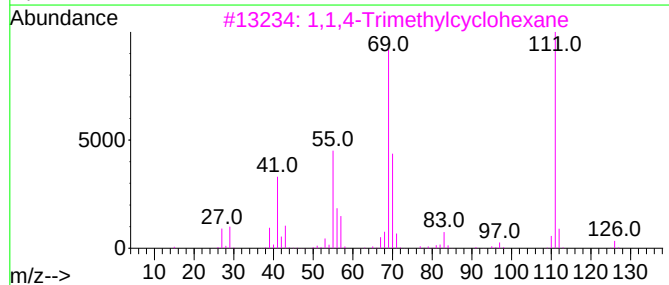
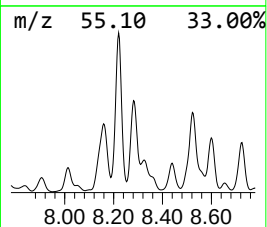
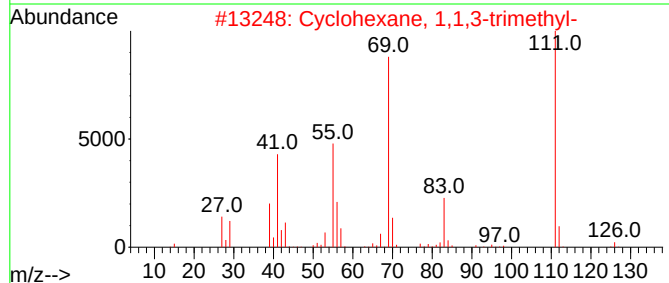
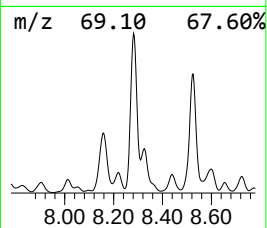
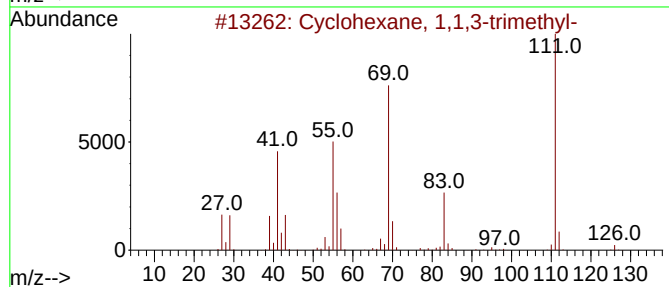
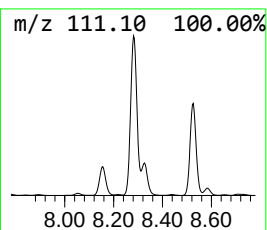
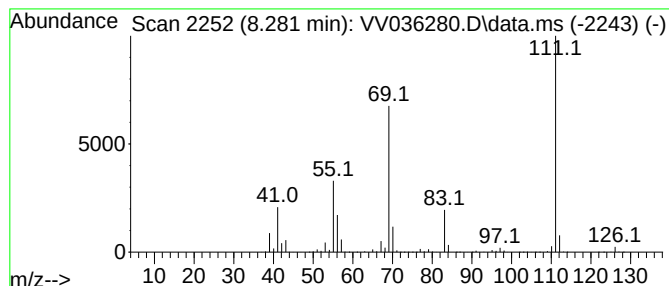
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic8.281 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	85.68 ug/L	6985990	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

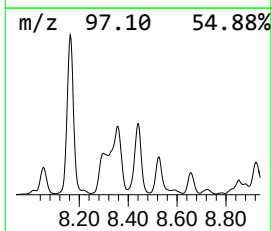
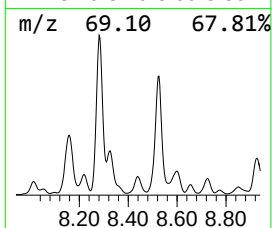
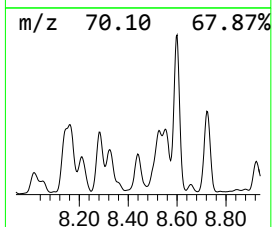
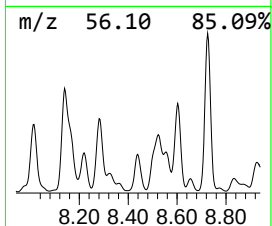
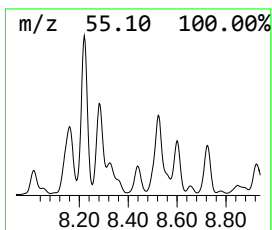
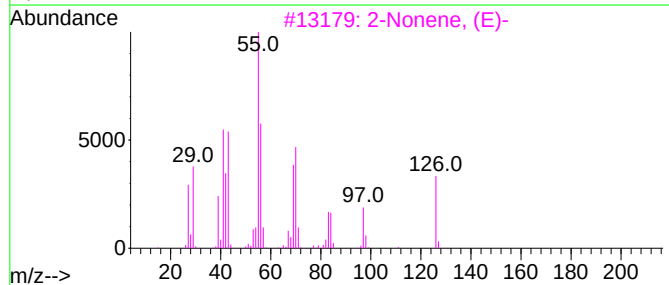
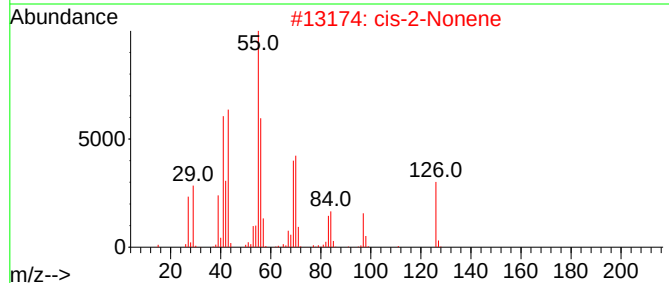
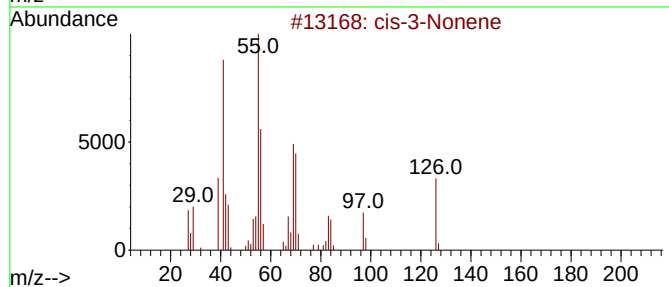
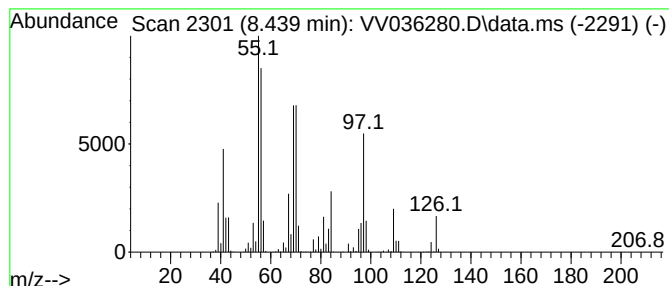
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ClientSampleId :
COT89

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD			R.T.
8.439	21.05 ug/L	1715860	Chlorobenzene-d5			8.783
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	cis-3-Nonene		126	C9H18	020237-46-1	76
2	cis-2-Nonene		126	C9H18	006434-77-1	70
3	2-Nonene, (E)-		126	C9H18	006434-78-2	62
4	2-Nonene, (E)-		126	C9H18	006434-78-2	58
5	Cyclopentane, 1-methyl-2-propyl-		126	C9H18	003728-57-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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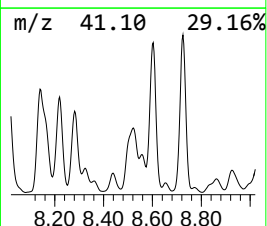
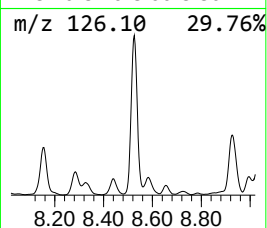
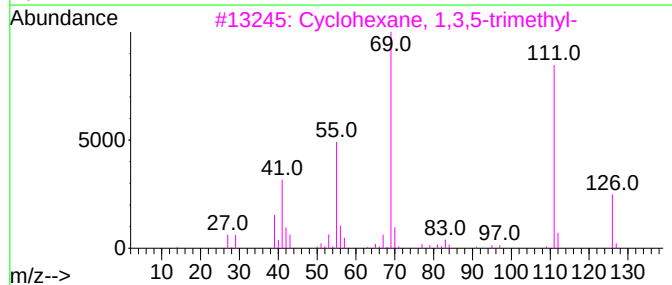
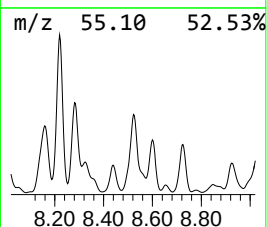
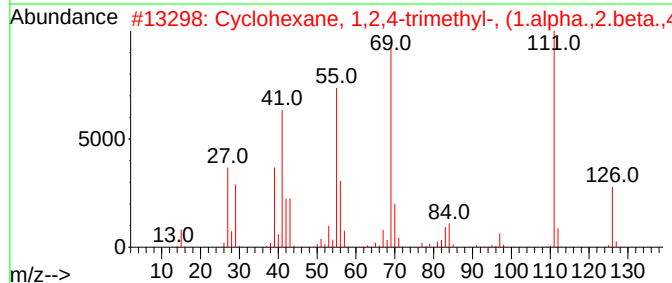
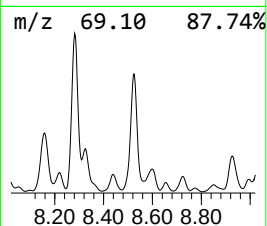
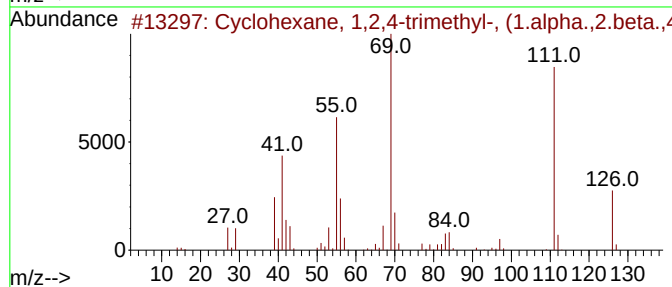
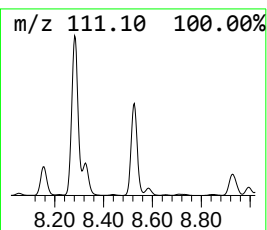
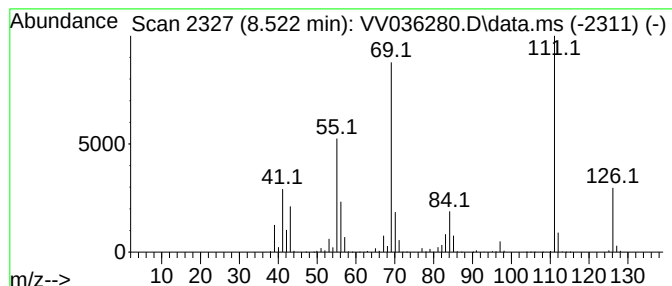
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic8.522 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	107.70 ug/L	8780780	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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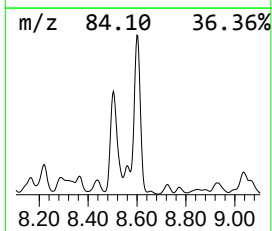
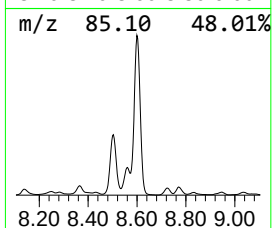
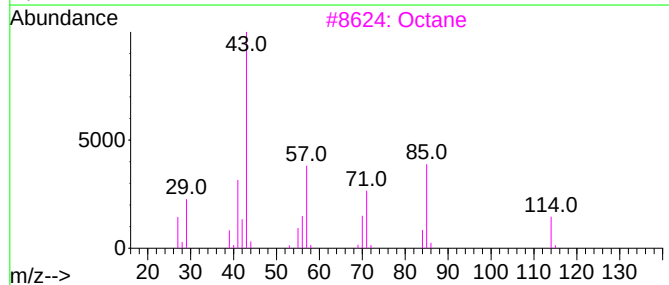
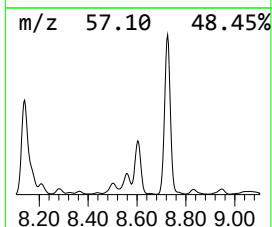
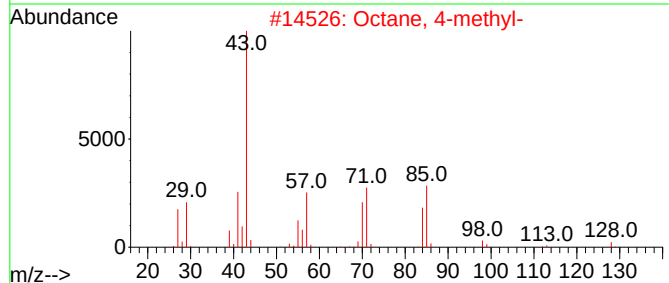
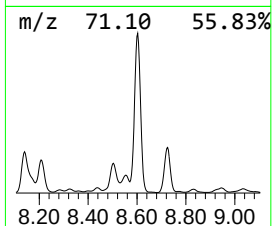
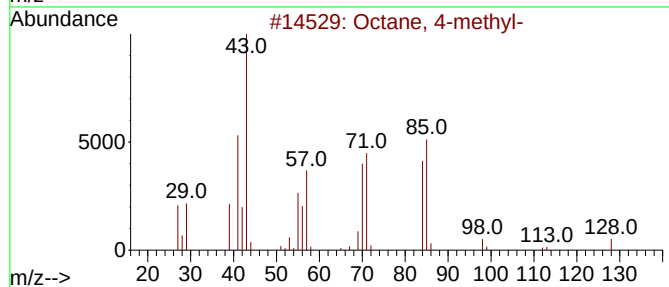
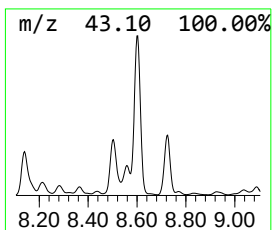
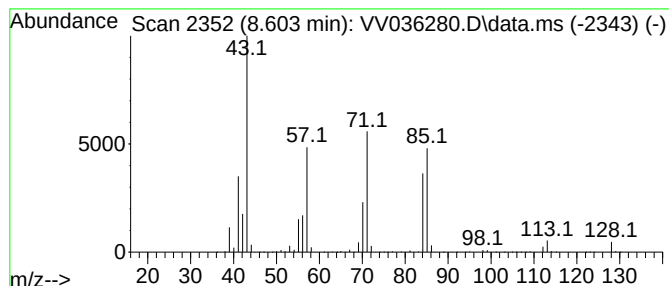
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.603	129.63 ug/L	10568700	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-methyl-	128	C9H20	002216-34-4	74
2		Octane, 4-methyl-	128	C9H20	002216-34-4	68
3		Octane	114	C8H18	000111-65-9	64
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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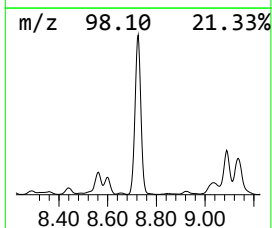
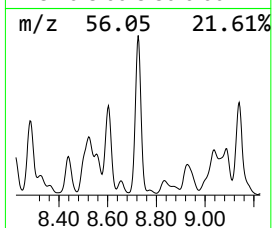
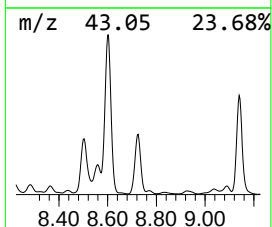
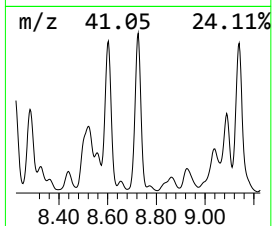
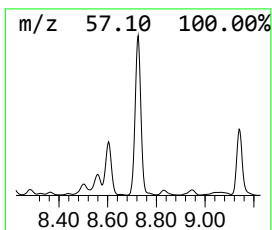
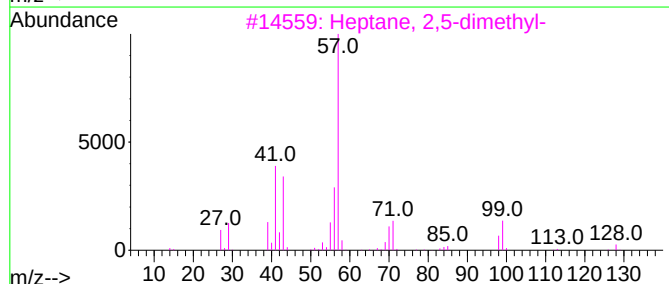
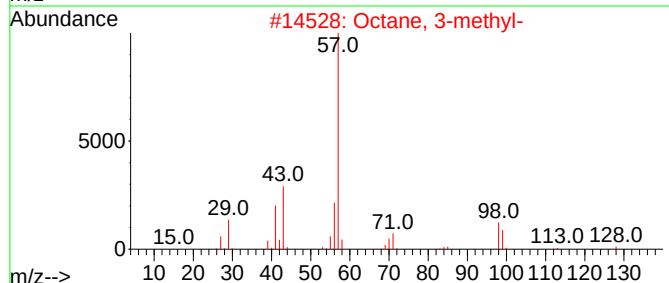
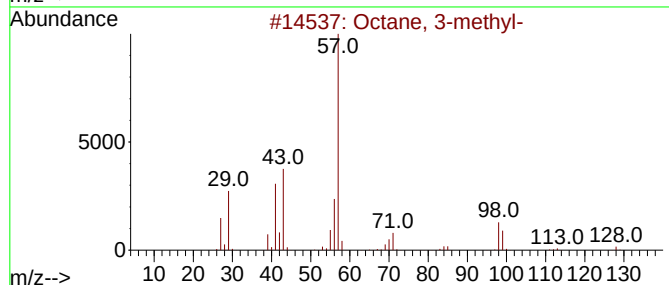
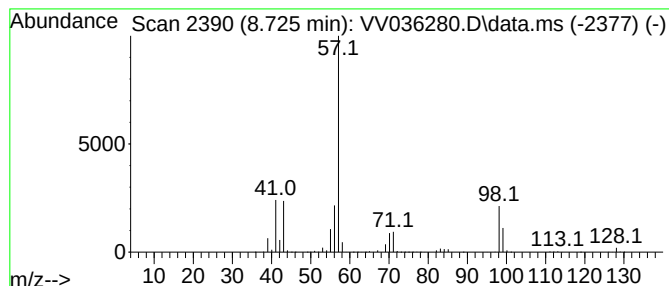
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.725	116.19 ug/L	9473700	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	87
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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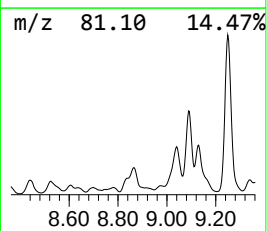
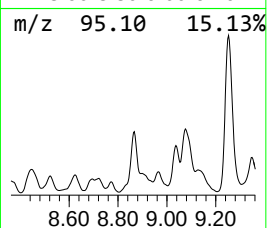
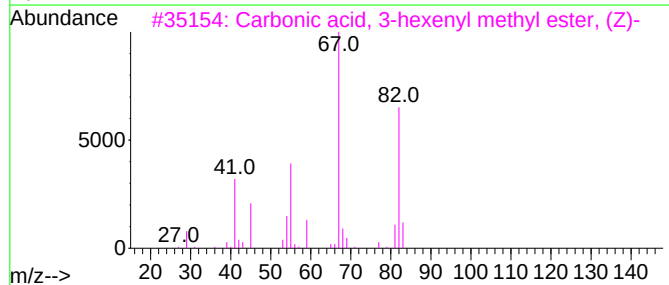
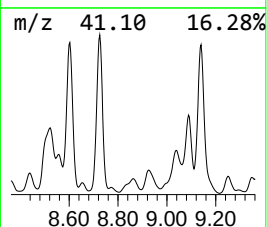
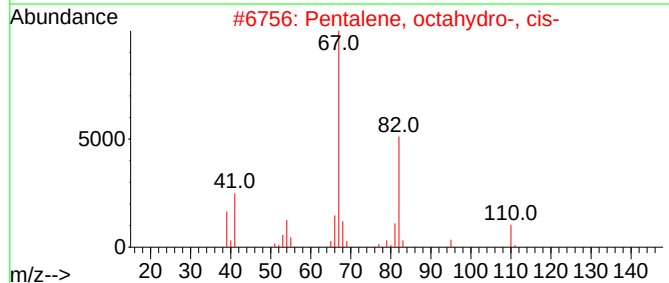
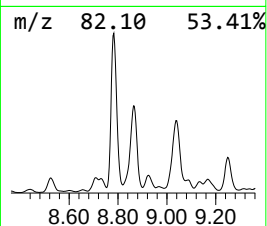
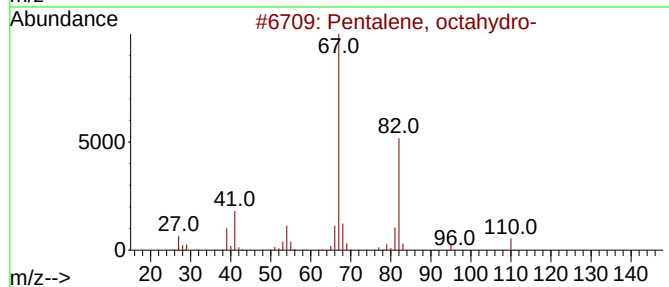
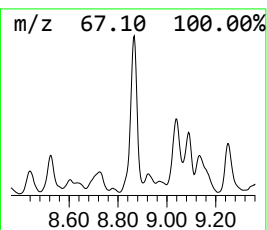
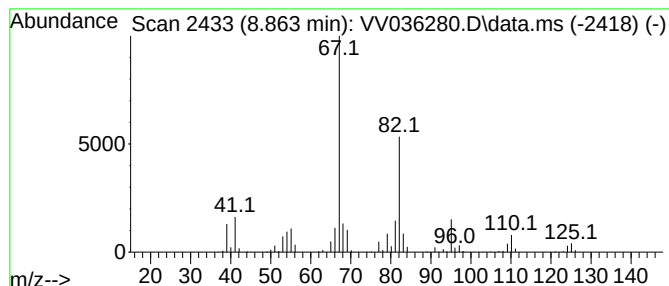
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Pentalene, octahydro- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	21.37 ug/L	1742550	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-	110	C8H14	000694-72-4	80
2			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	80
3			Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	64
4			Butanoic acid, 4-hexenyl ester, ...	170	C10H18O2	069727-41-9	59
5			Ethyl (E)-hex-3-enyl carbonate	172	C9H16O3	1000373-83-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

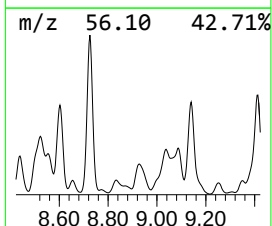
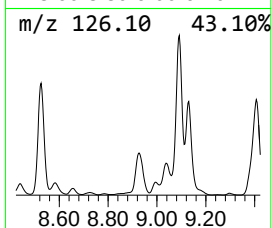
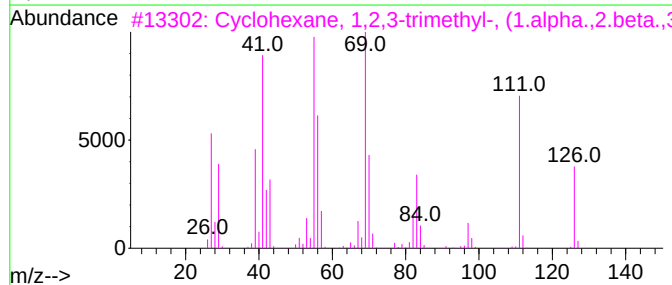
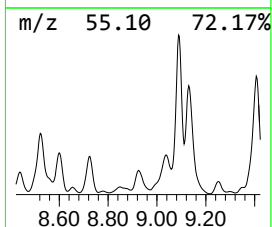
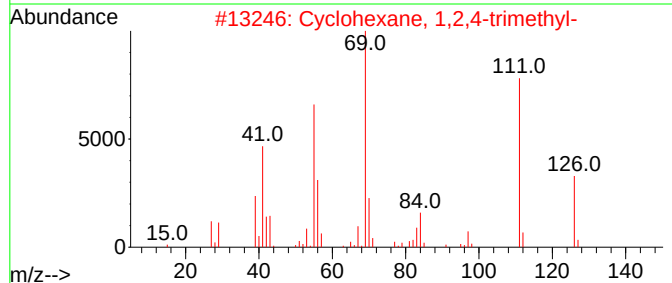
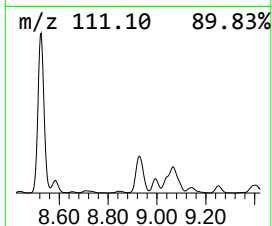
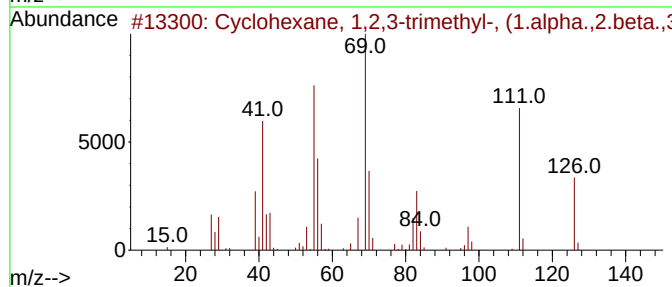
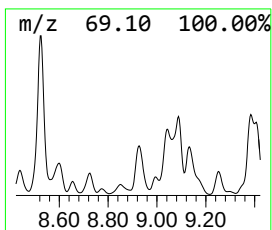
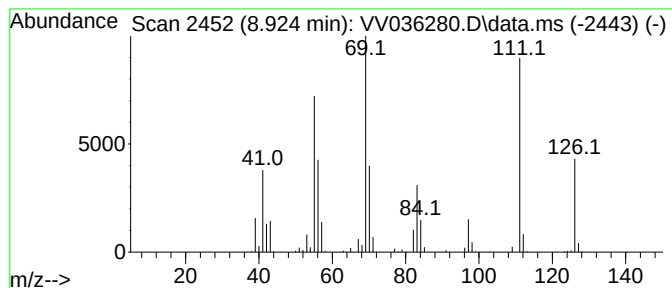
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic8.924 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.924	27.99 ug/L	2281800	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	95
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	80
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	78
5			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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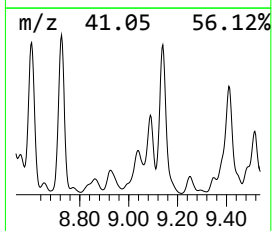
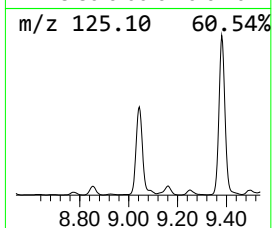
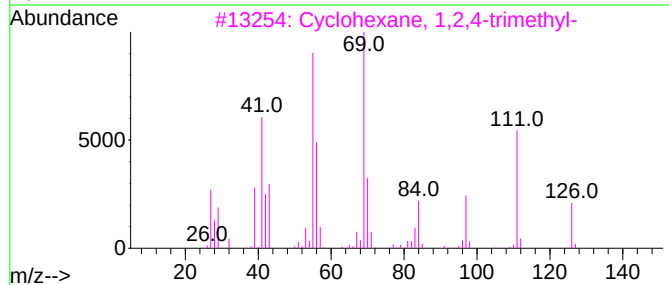
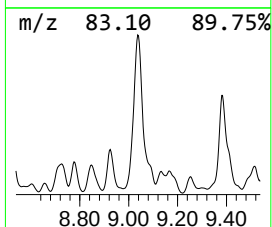
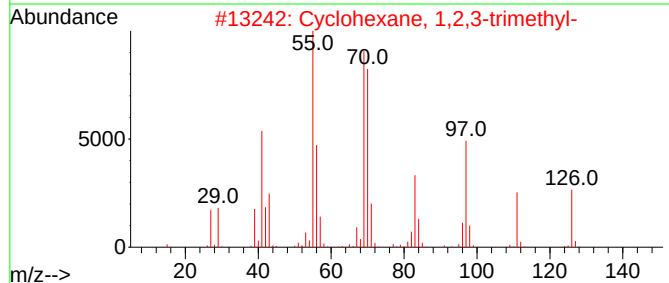
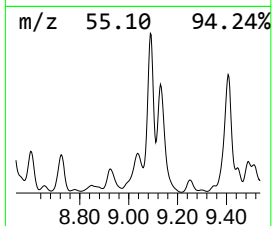
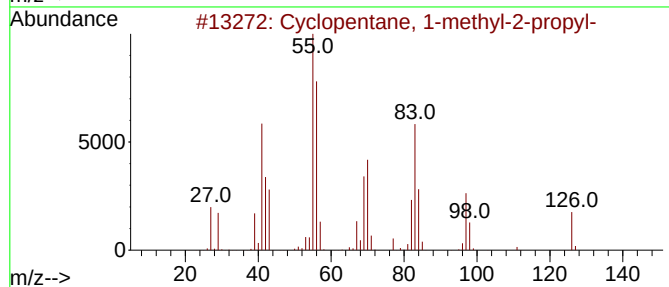
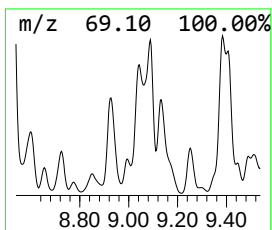
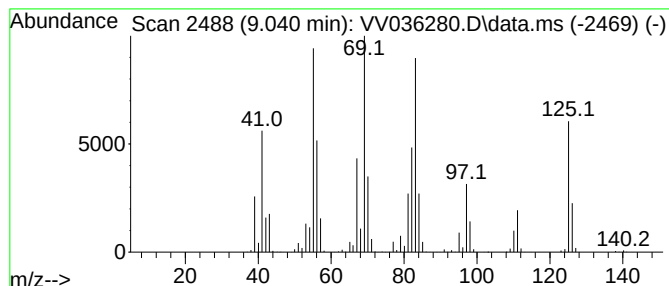
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic9.040 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.040	59.17 ug/L	4824650	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	42
2		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	41
4		2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	38
5		Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

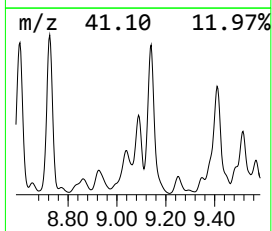
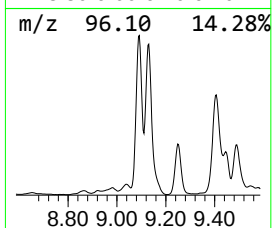
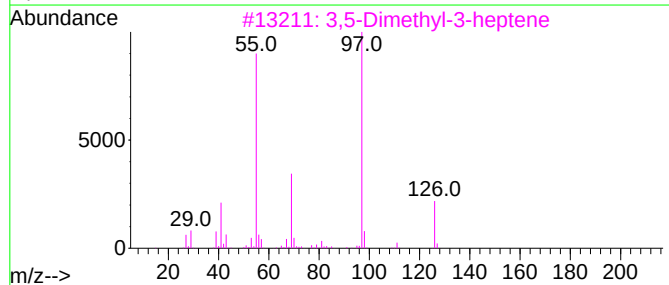
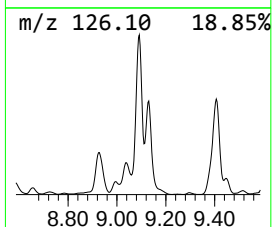
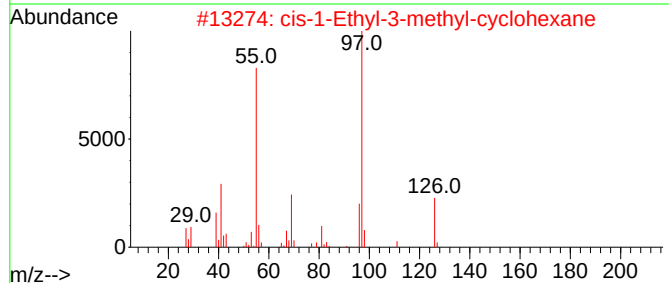
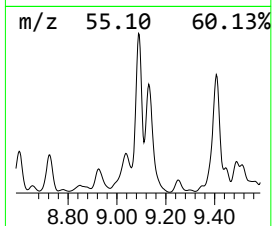
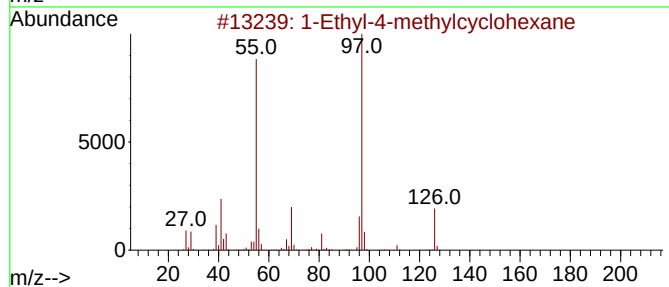
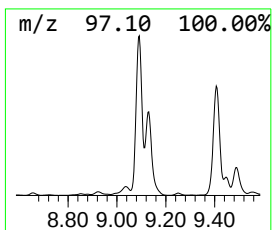
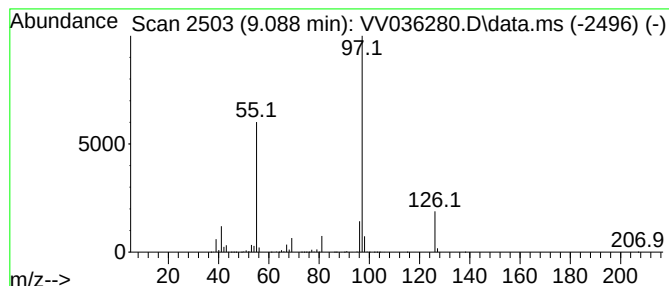
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Cyclic9.088 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.088	98.10 ug/L	7998700	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
4			Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	64
5			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

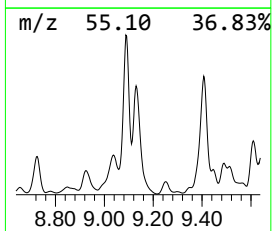
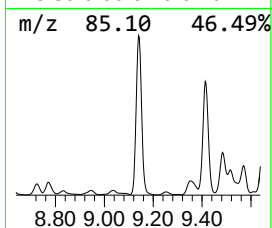
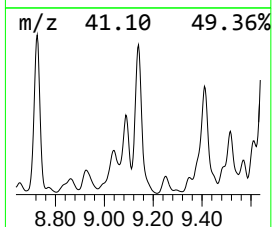
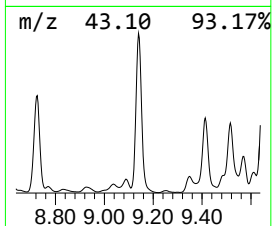
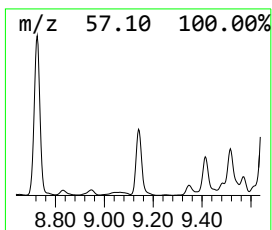
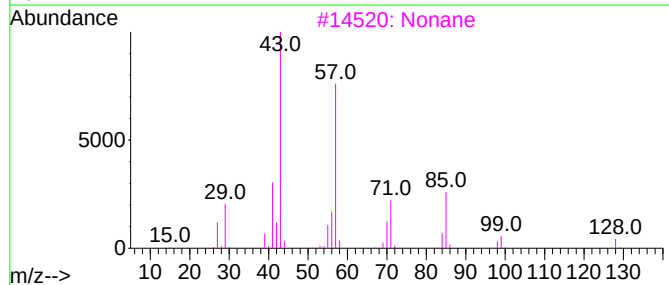
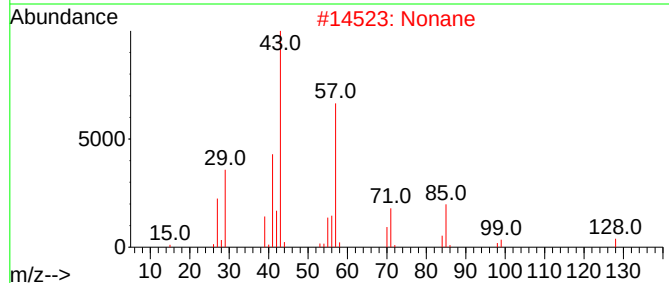
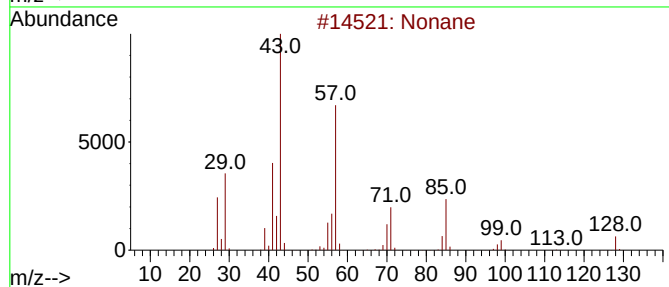
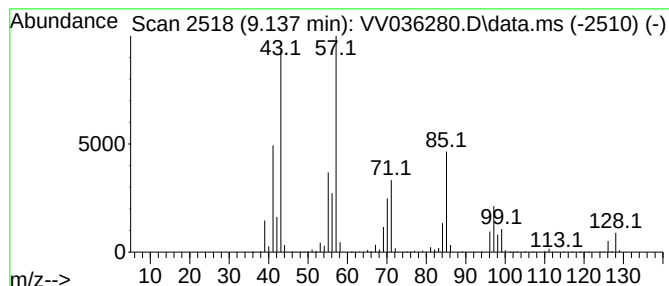
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.137	155.41 ug/L	12671300	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	90
2	Nonane			128	C9H20	000111-84-2	90
3	Nonane			128	C9H20	000111-84-2	90
4	Nonane			128	C9H20	000111-84-2	70
5	Octane			114	C8H18	000111-65-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

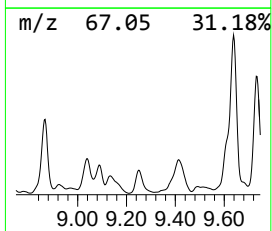
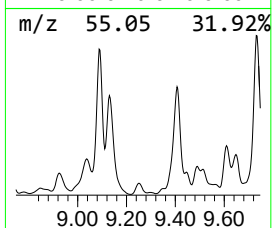
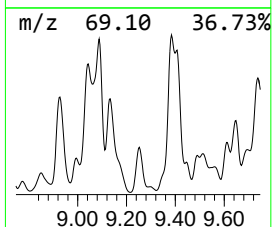
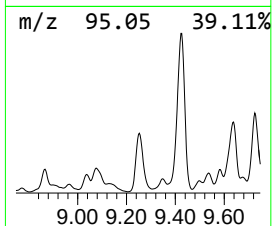
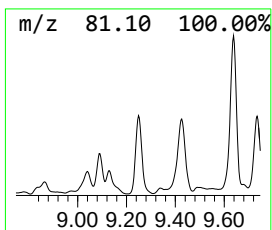
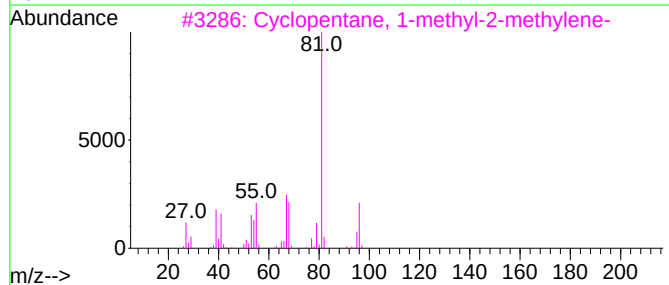
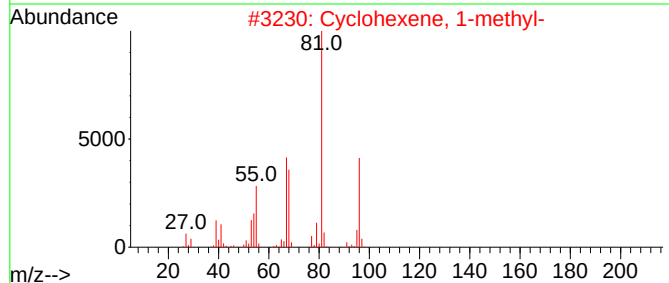
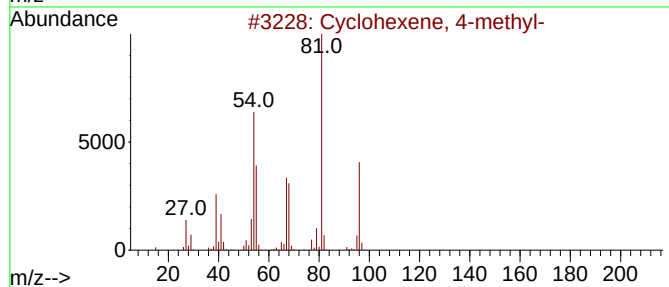
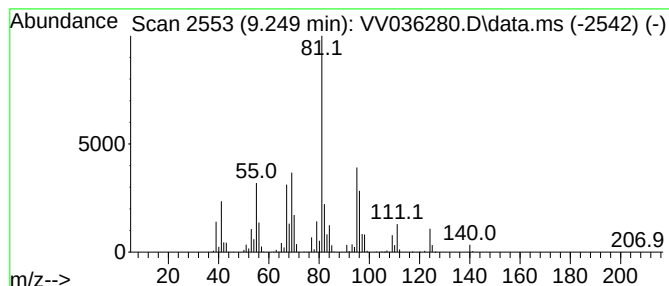
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic9.249 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.249	32.85 ug/L	2678570	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
2		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
3		Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	47
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	47
5		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

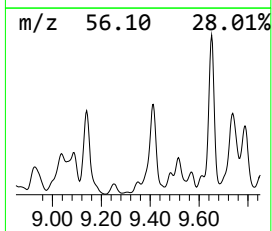
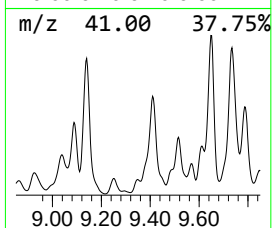
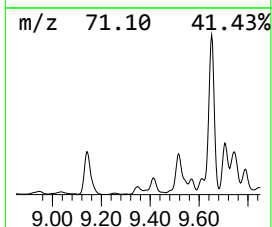
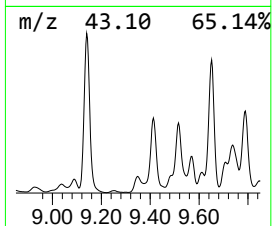
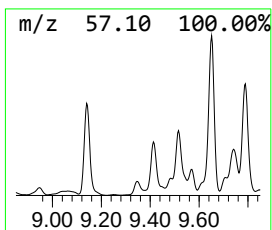
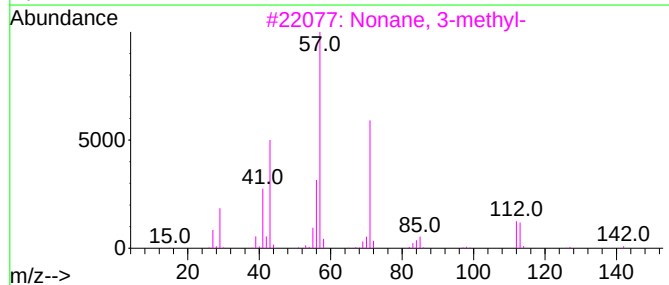
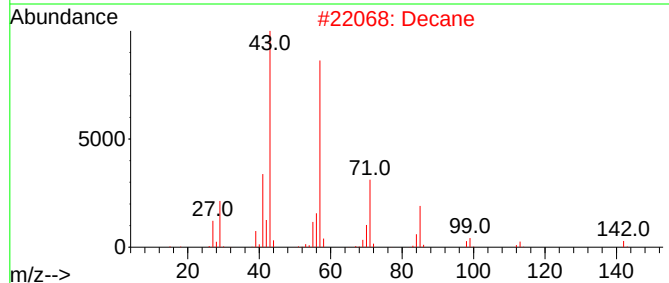
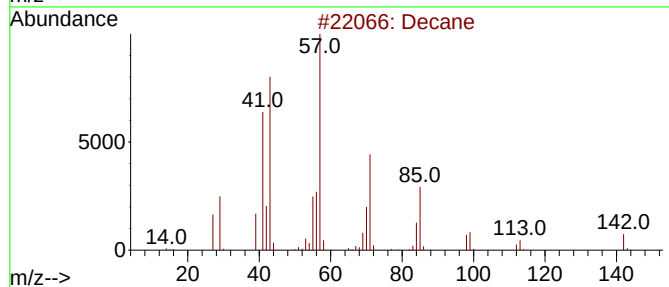
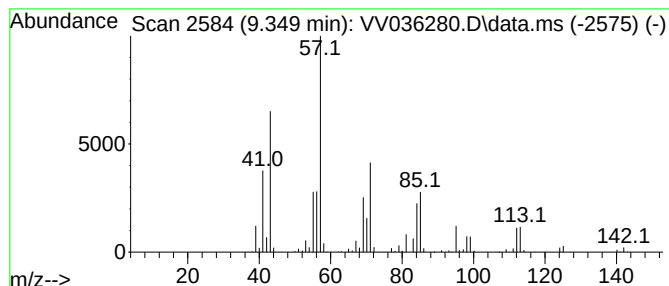
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.349	11.88 ug/L	968243	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	64
2	Decane			142	C10H22	000124-18-5	58
3	Nonane, 3-methyl-			142	C10H22	005911-04-6	58
4	Octane, 3,4,5,6-tetramethyl-			170	C12H26	062185-21-1	53
5	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

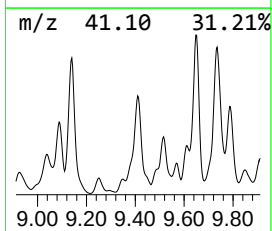
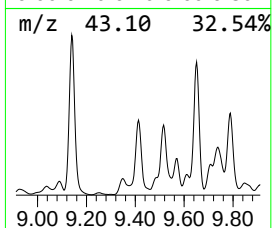
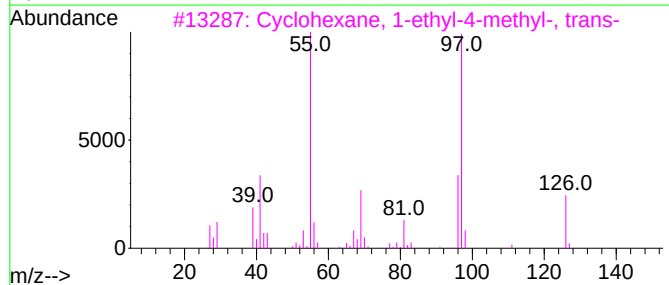
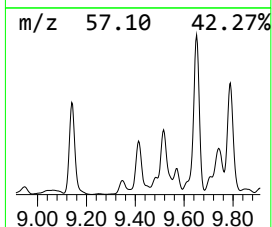
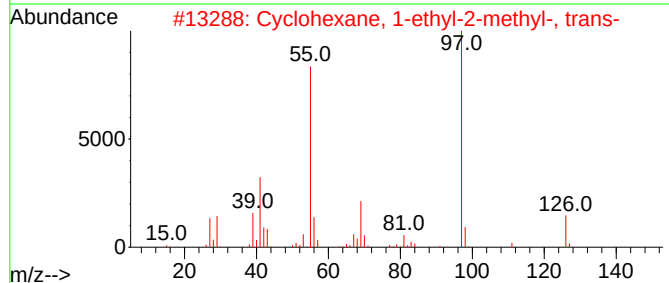
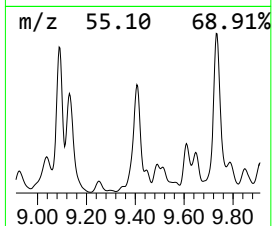
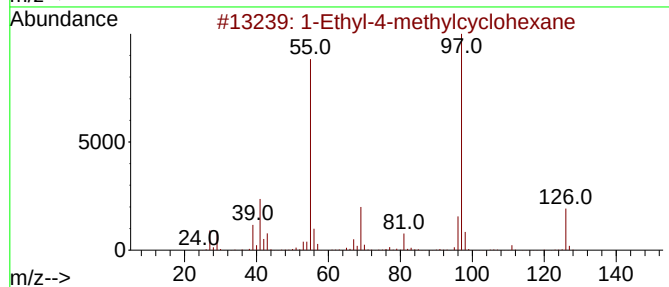
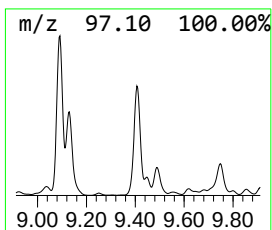
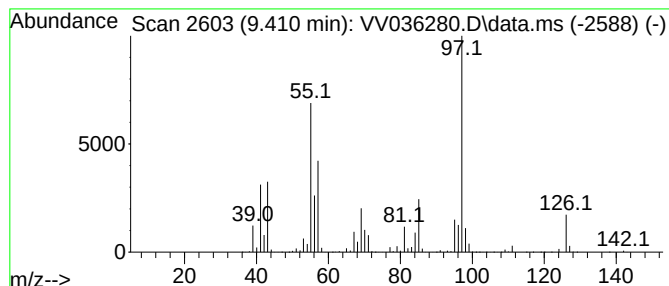
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic9.410 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	158.36 ug/L	12911200	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	60
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	60
4			1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	53
5			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

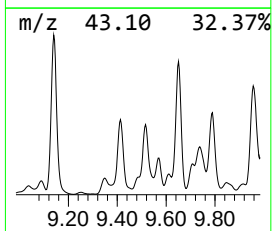
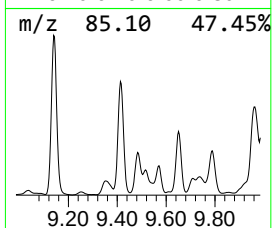
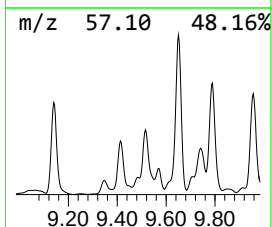
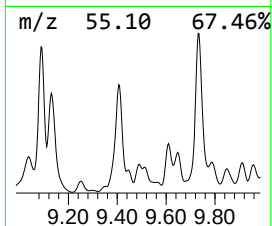
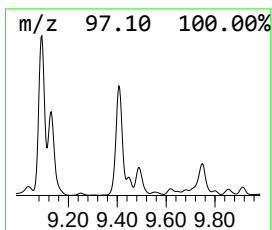
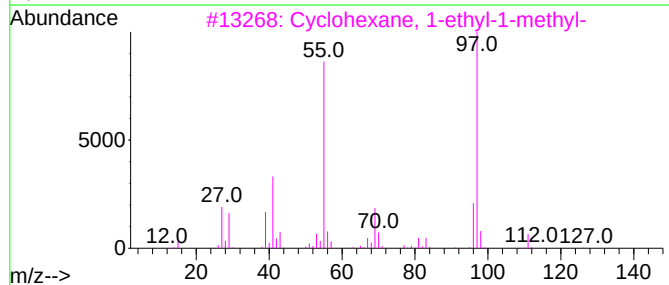
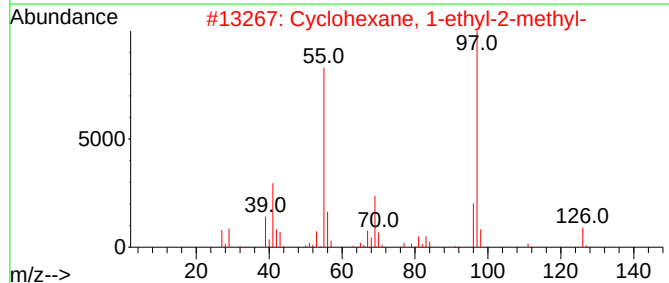
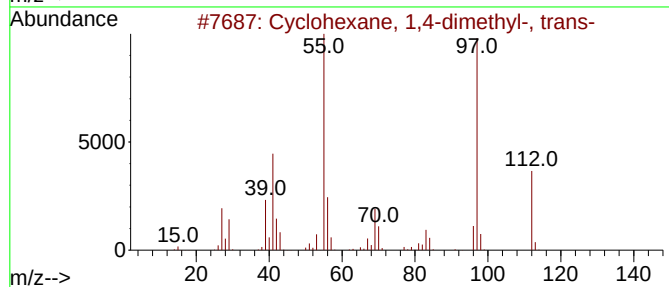
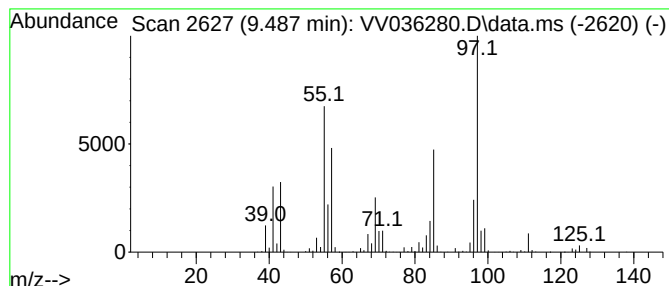
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Cyclic9.487 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.487	16.36 ug/L	1333520	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	47
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	47
3			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

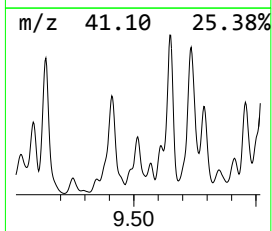
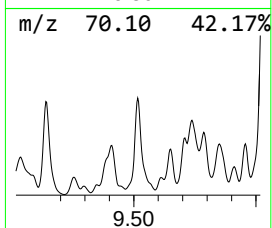
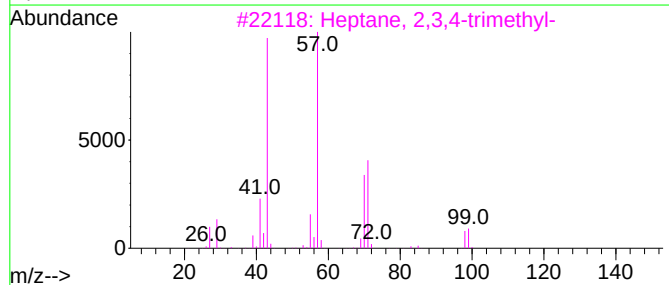
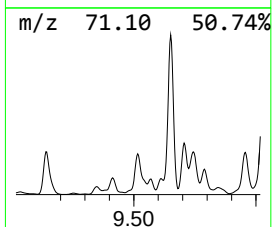
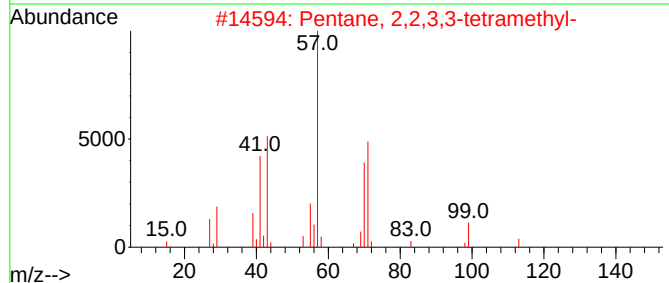
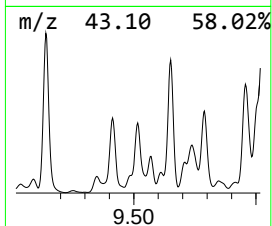
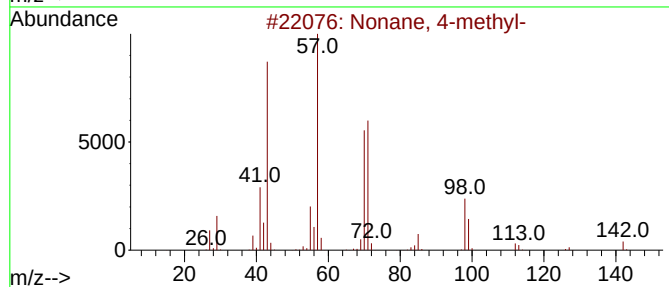
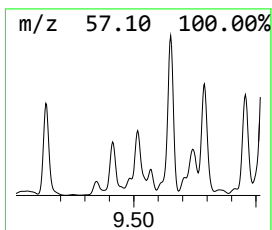
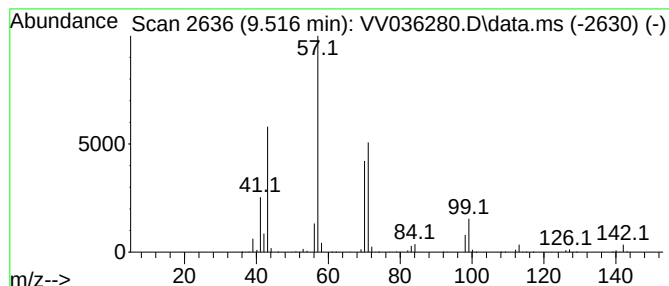
Instrument :
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ClientSampleId :
C0T89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.516	55.69 ug/L	4540840	Chlorobenzene-d5			8.783
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-		142	C10H22	017301-94-9	80
2	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	78
3	Heptane, 2,3,4-trimethyl-		142	C10H22	052896-95-4	72
4	Undecane, 4,5-dimethyl-		184	C13H28	017312-79-7	64
5	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

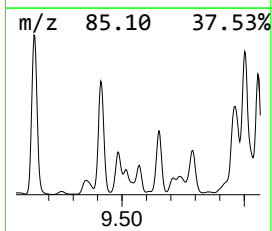
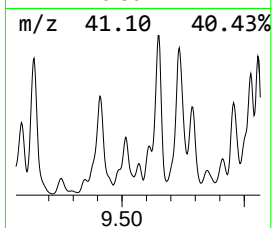
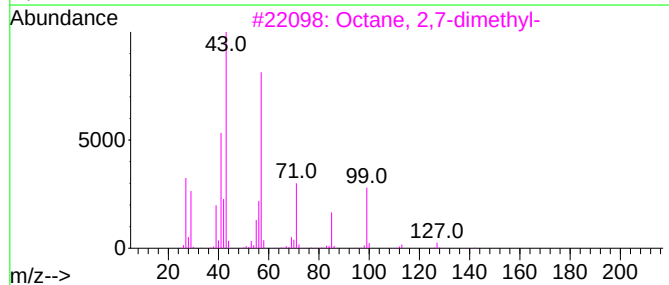
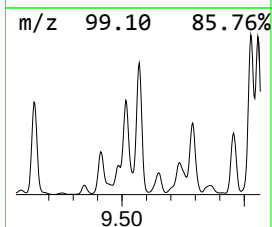
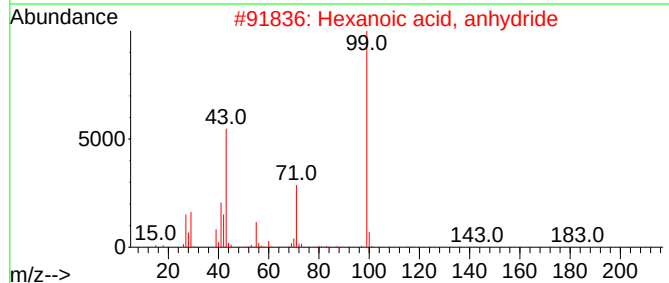
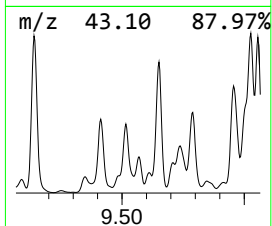
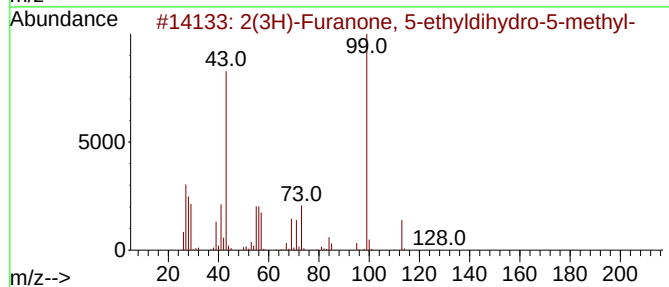
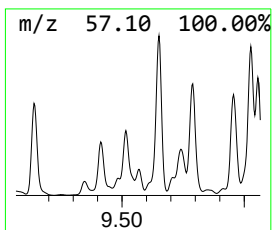
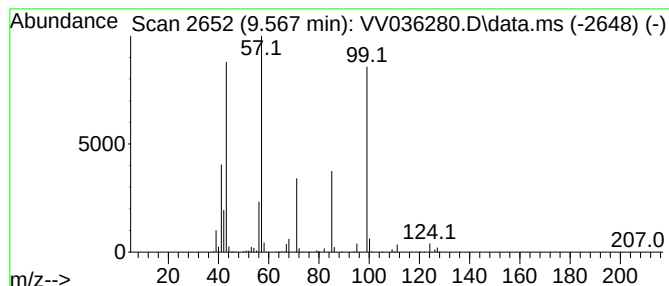
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 2(3H)-Furanone, 5-ethyldihy... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.567	16.59 ug/L	1352570	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-ethyldihydro-5-methyl-	128	C7H12O2	002865-82-9	50		
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	47		
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47		
4	3-Hydroxy-5-methylisoxazole	99	C4H5NO2	010004-44-1	46		
5	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	38		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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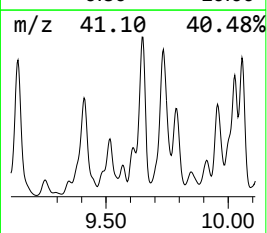
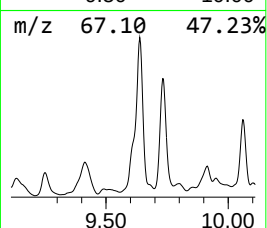
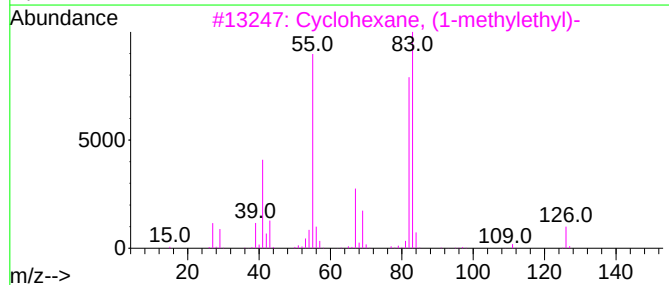
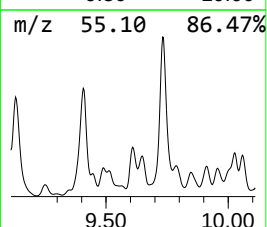
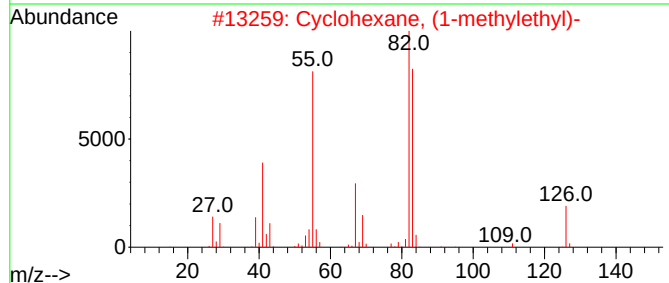
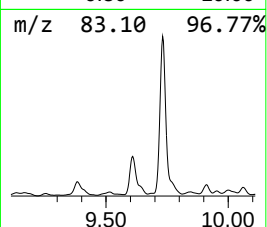
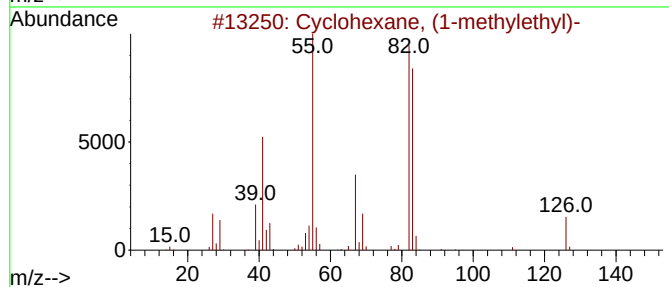
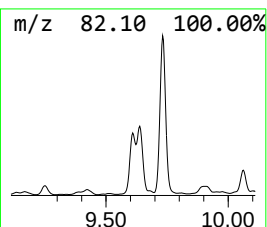
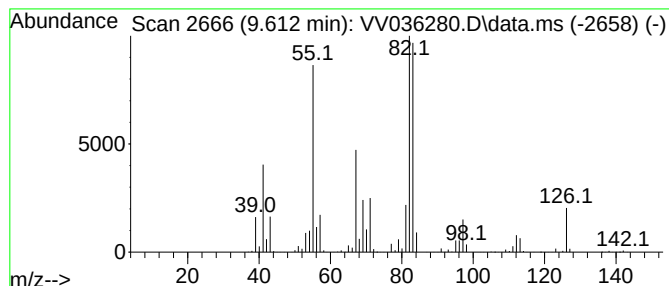
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Cyclic9.612 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	37.47 ug/L	3055320	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	91
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
4			1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	58
5			(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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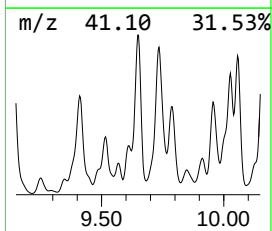
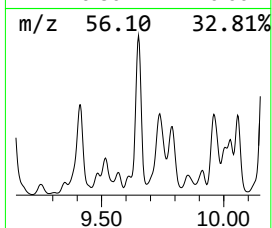
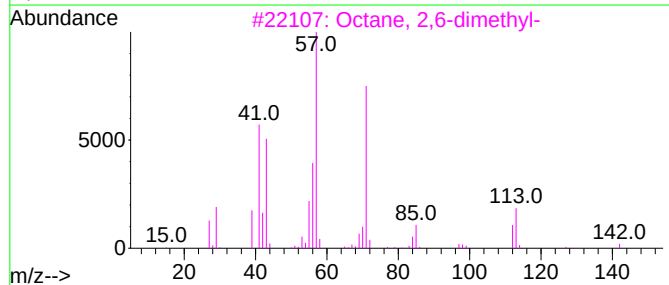
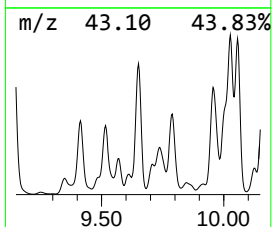
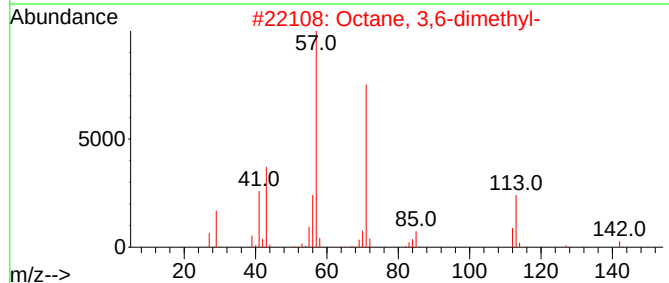
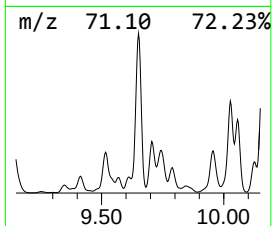
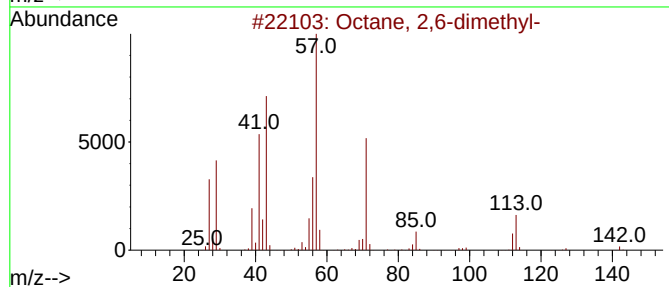
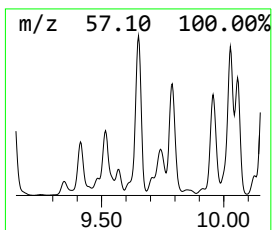
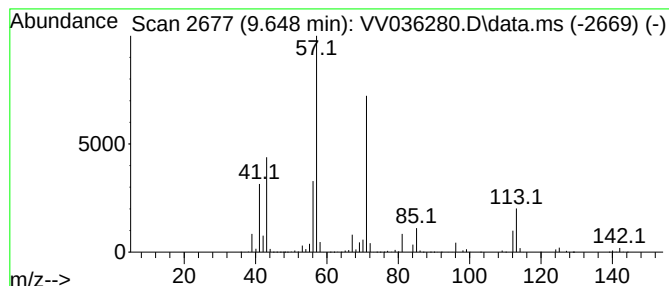
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.648	169.13 ug/L	13789200	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	90
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	87
5	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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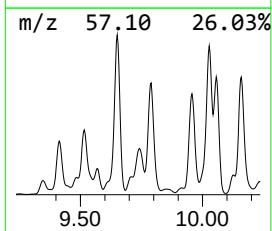
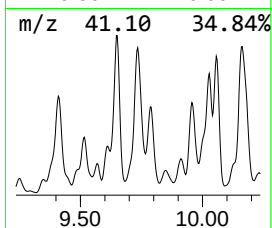
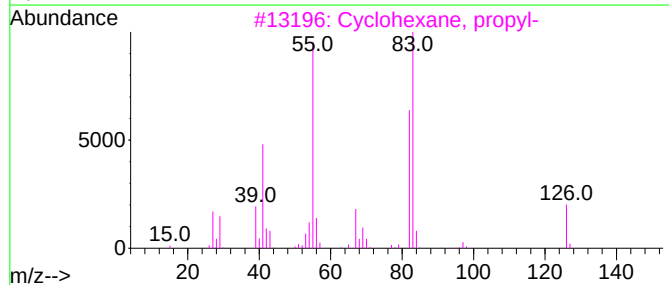
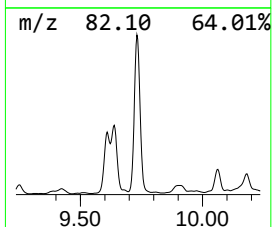
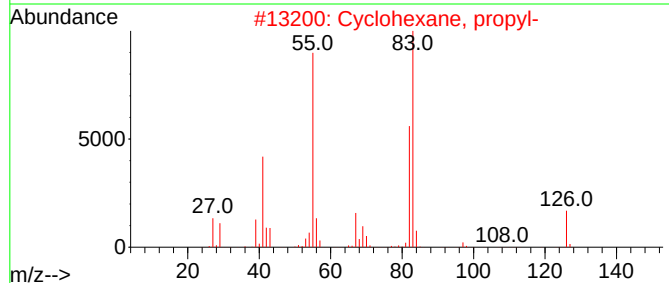
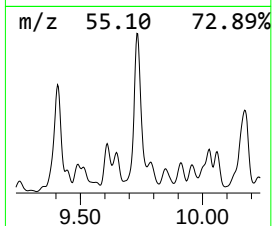
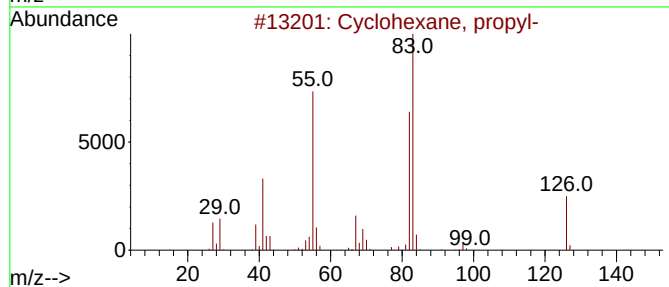
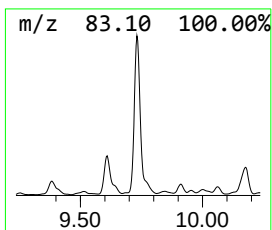
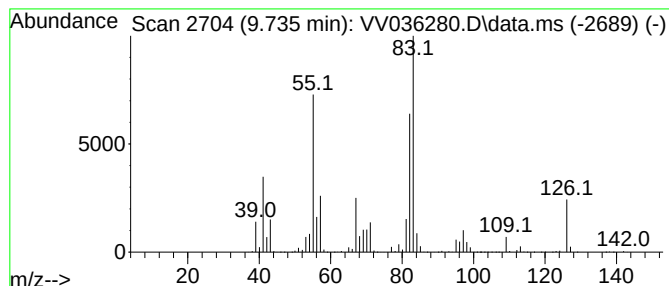
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Cyclic9.735 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.735	215.18 ug/L	17544100	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

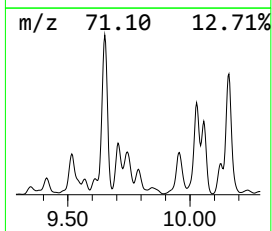
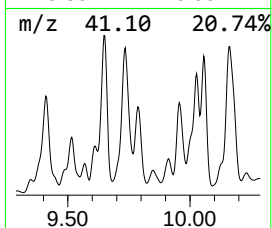
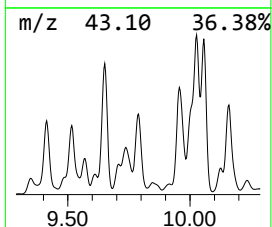
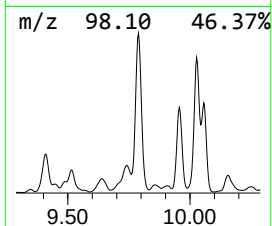
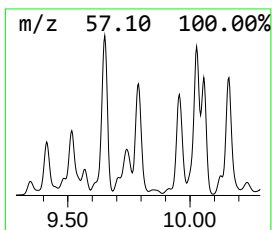
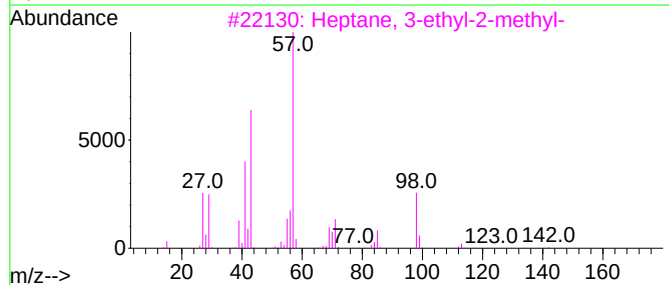
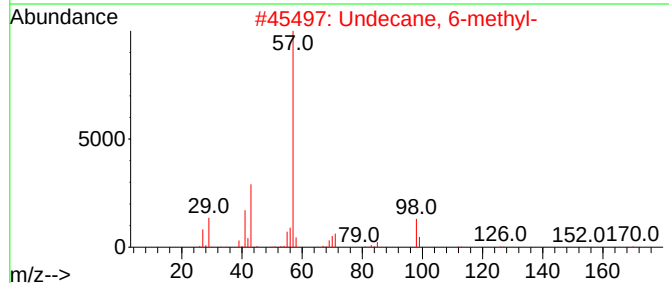
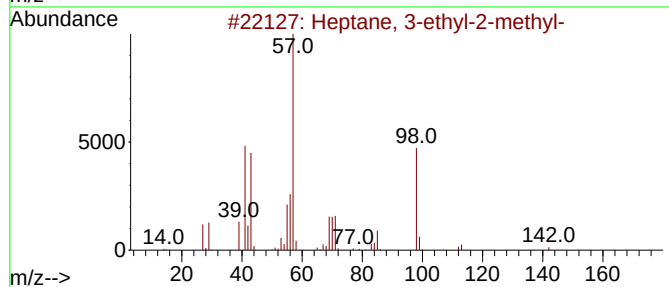
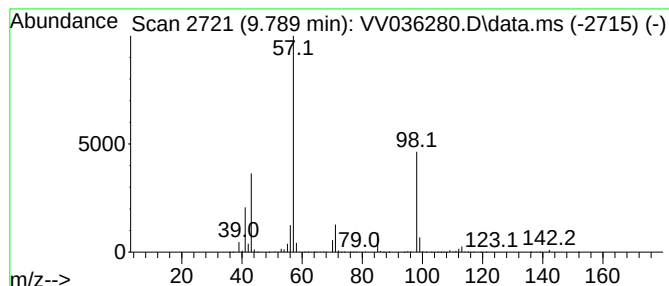
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.789	77.83 ug/L	6345760	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

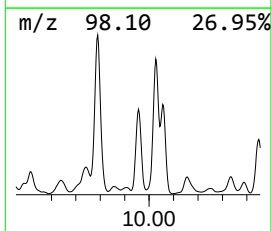
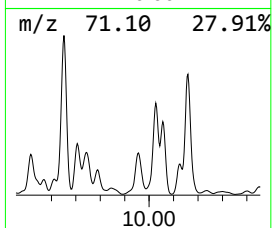
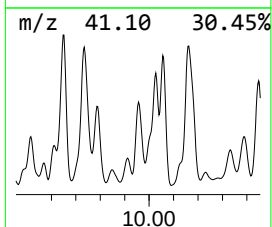
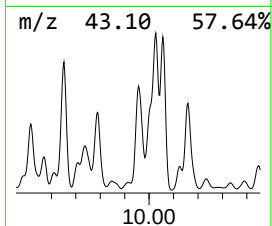
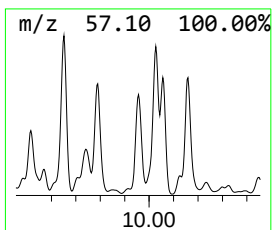
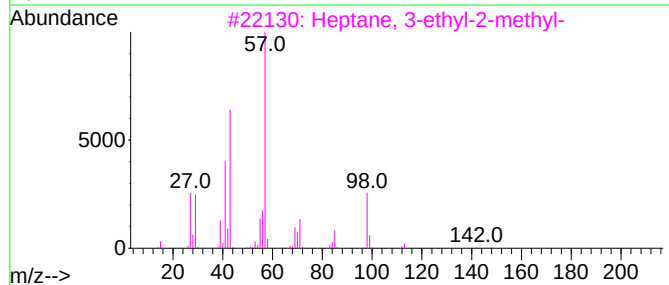
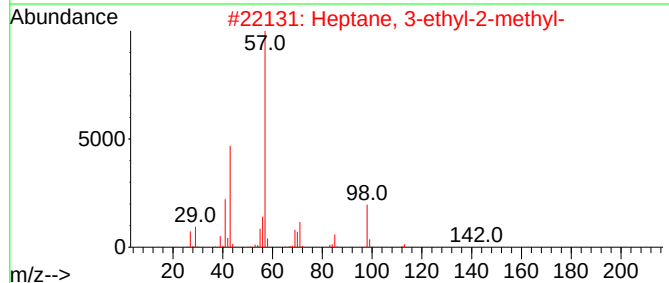
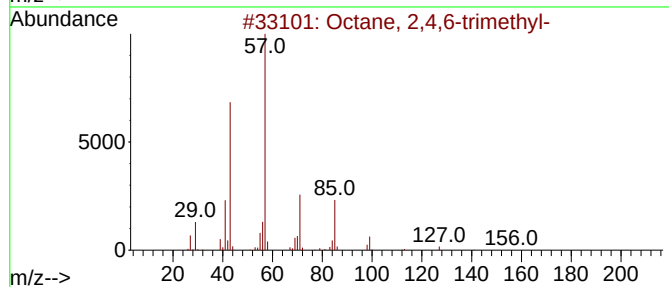
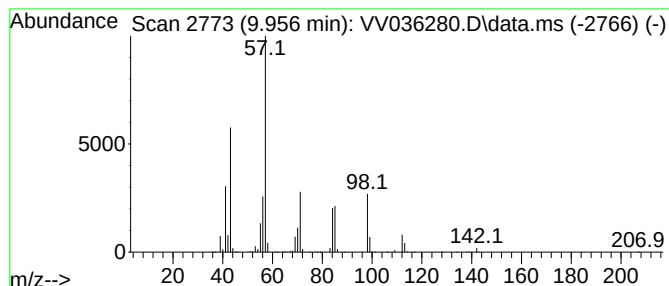
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.956	88.89 ug/L	7247380	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	43
5			Nonane	128	C9H20	000111-84-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

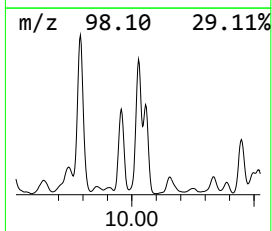
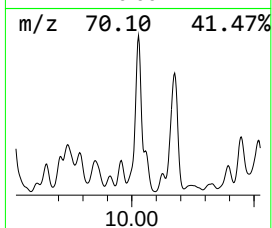
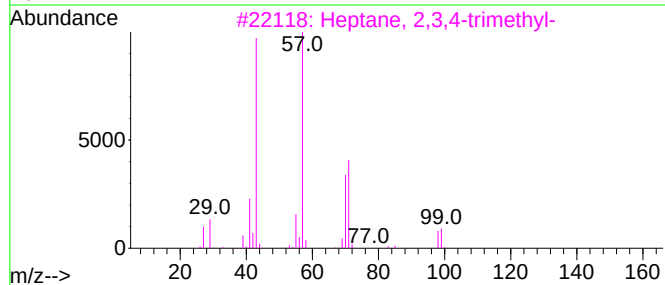
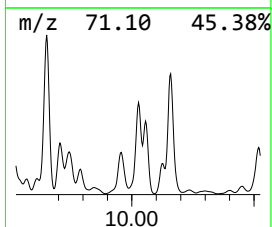
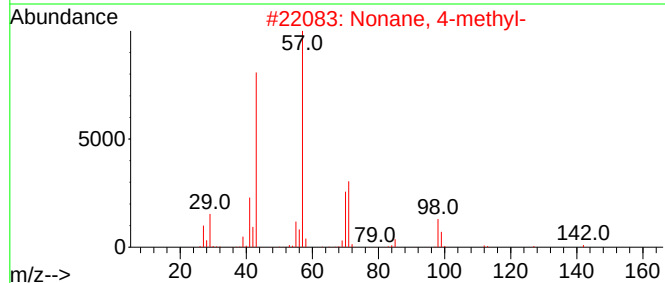
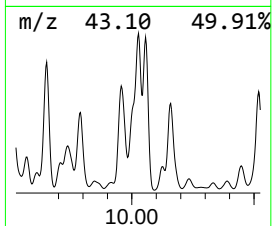
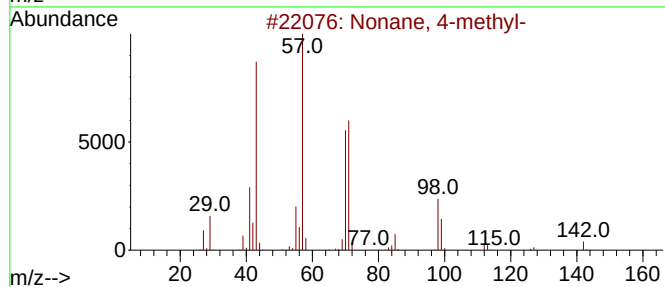
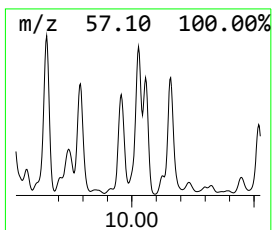
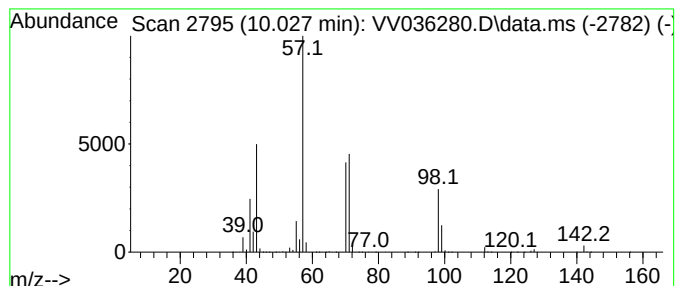
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.027	60.36 ug/L	11374800	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	80
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
5			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

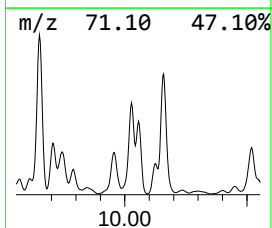
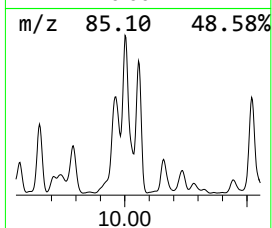
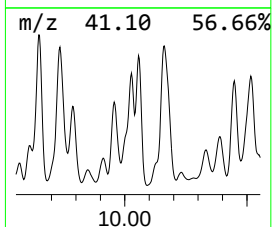
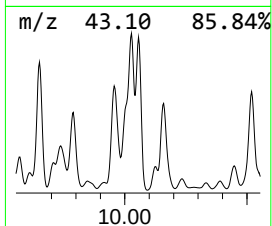
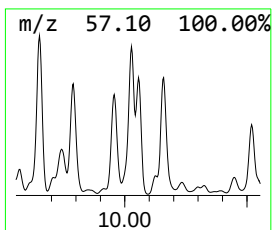
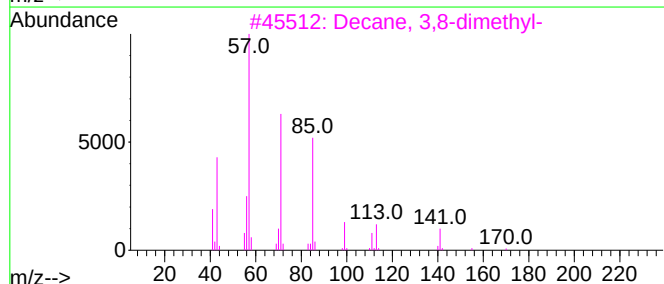
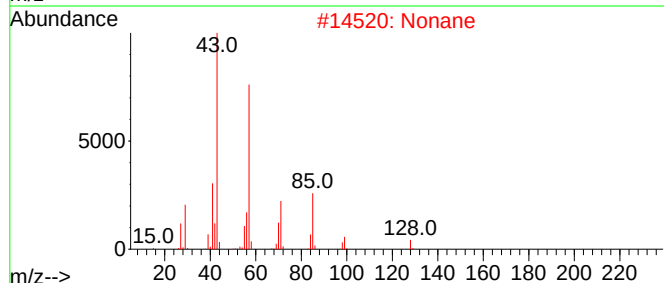
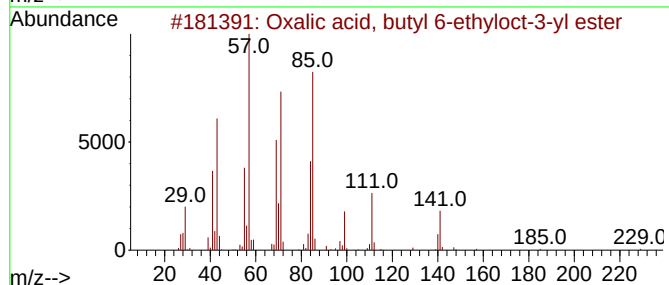
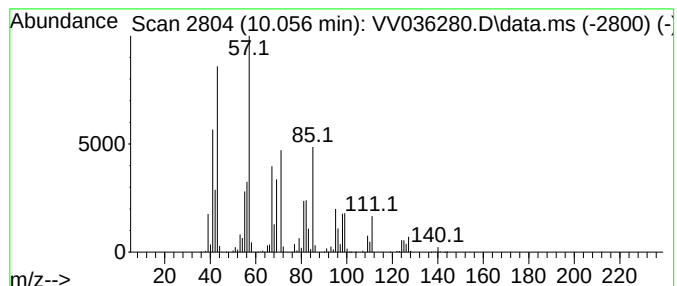
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 unknown-01 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.056	45.80 ug/L	8630820	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	38
2			Nonane	128	C9H20	000111-84-2	38
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

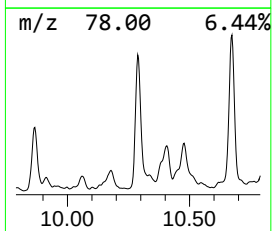
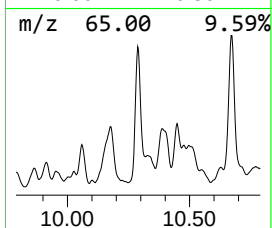
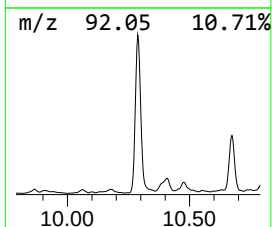
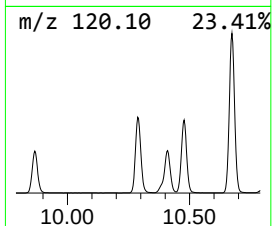
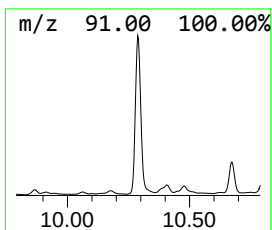
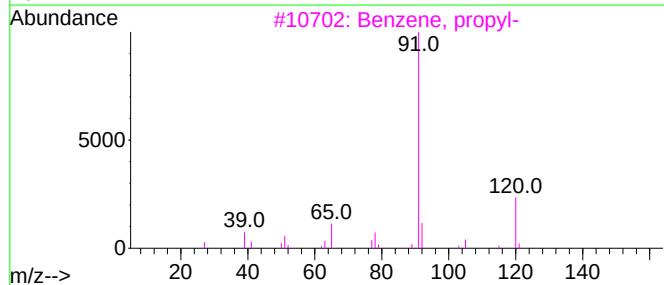
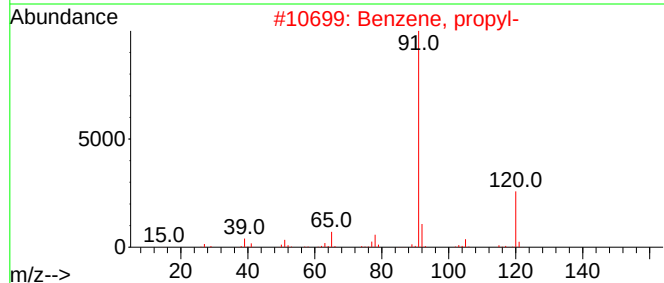
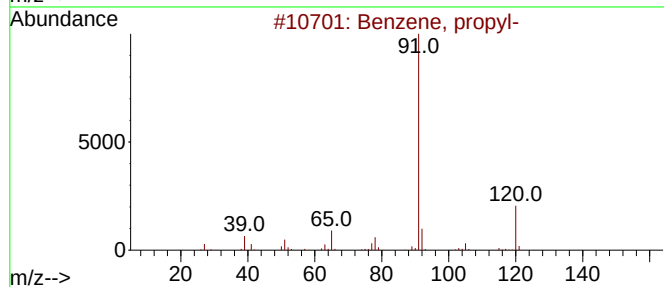
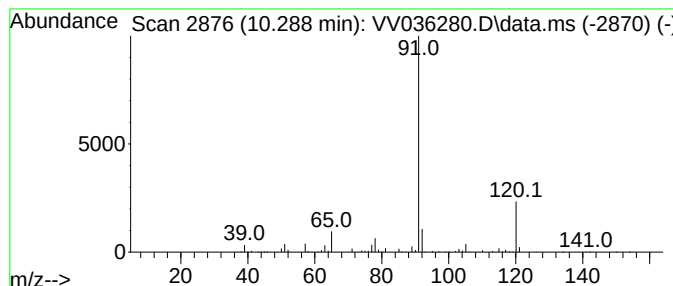
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Benzene, propyl- Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.288	7.90 ug/L	1488610	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	90
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5			Propanenitrile, 3-[(phenylmethyl...]	160	C10H12N2	000706-03-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

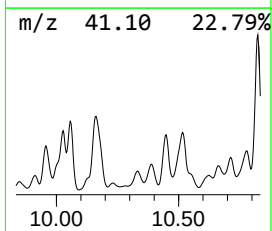
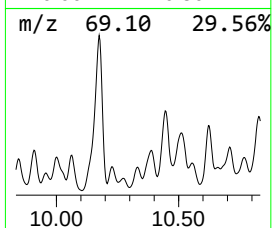
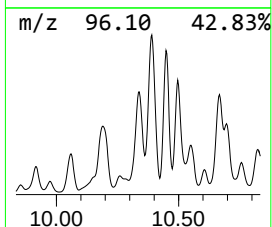
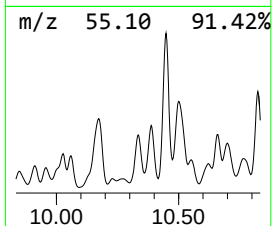
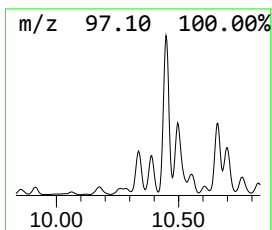
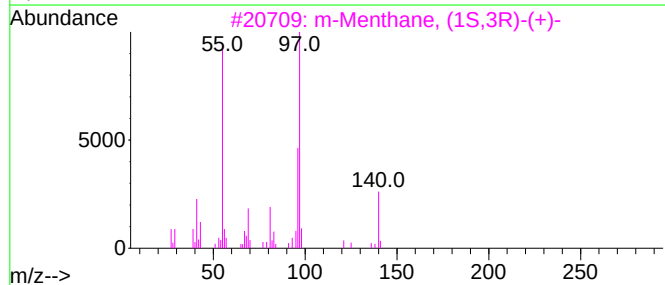
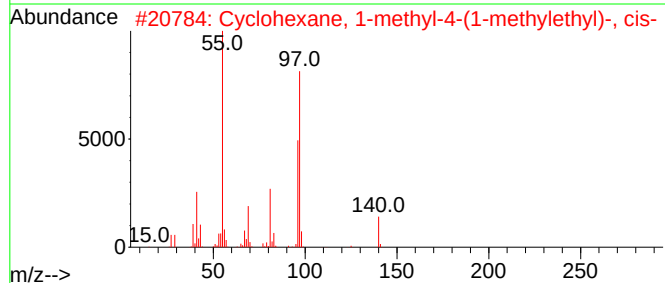
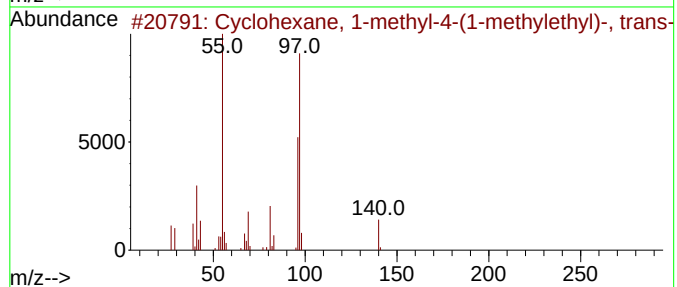
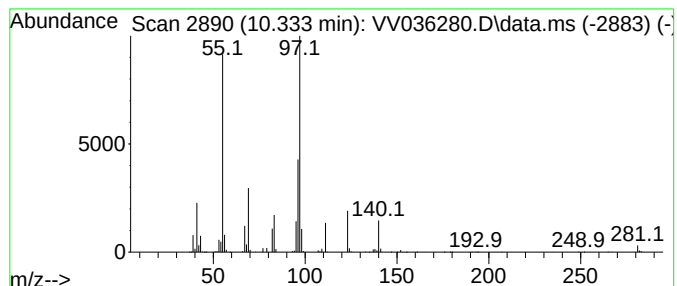
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Cyclic10.333 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	18.21 ug/L	3430770	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	76
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	76
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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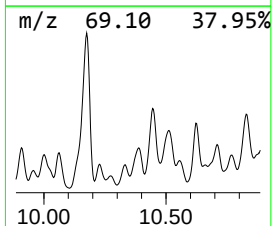
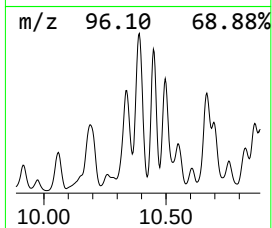
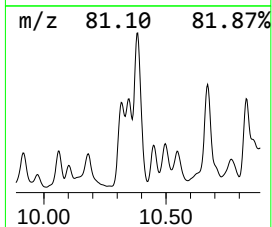
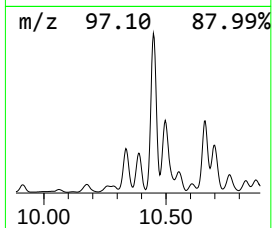
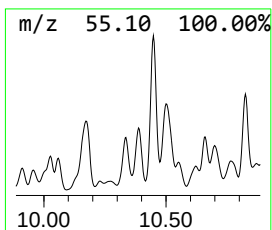
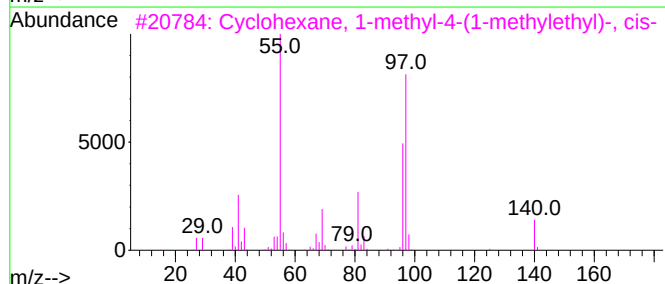
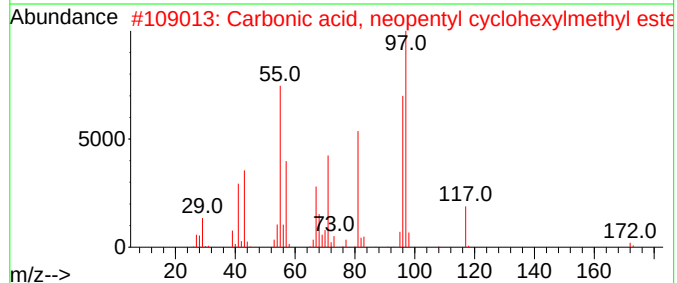
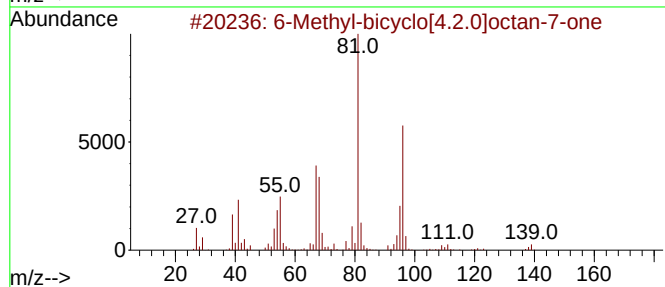
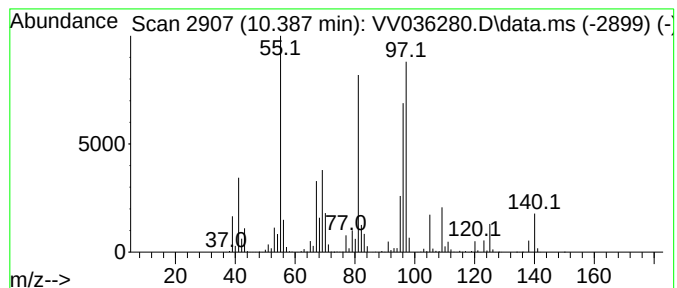
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 unknown-02 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	28.89 ug/L	5444920	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1010193-87-2	46
2			Carbonic acid, neopentyl cyclohe...	228	C13H24O3	1000357-85-8	43
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
4			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
5			1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

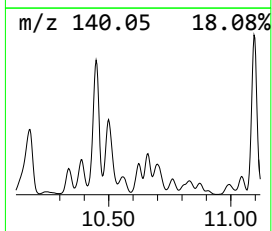
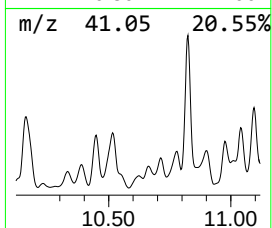
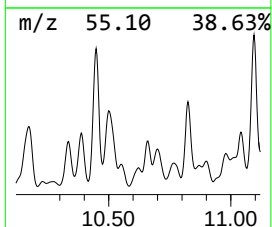
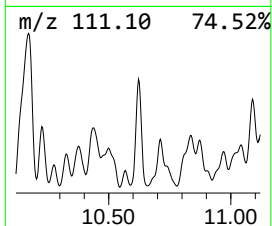
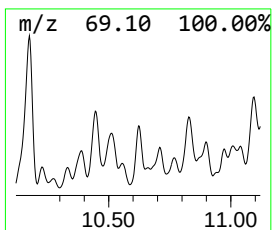
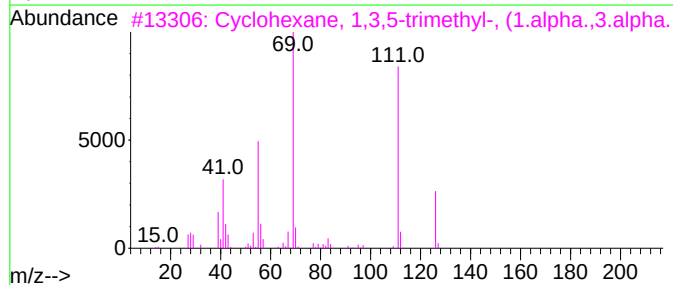
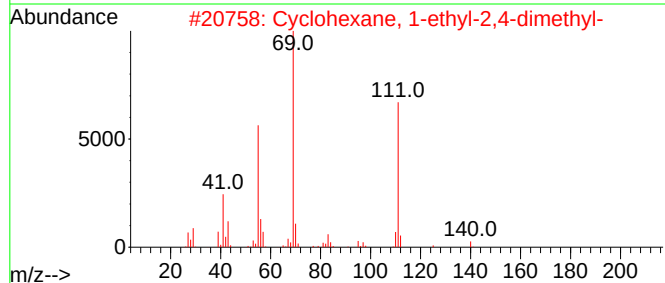
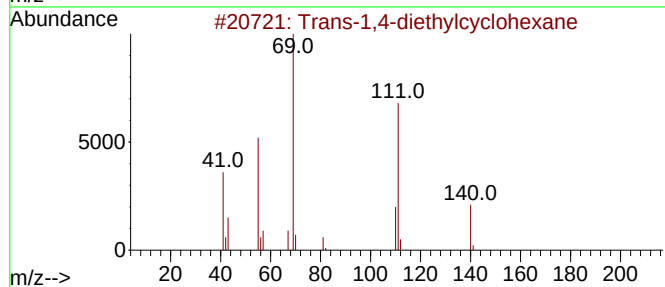
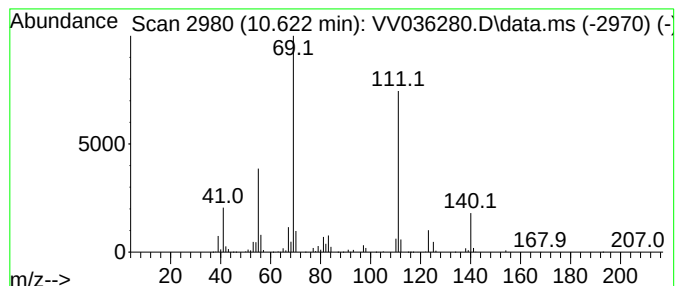
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Cyclic10.622 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	13.27 ug/L	2500990	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	87
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	72
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

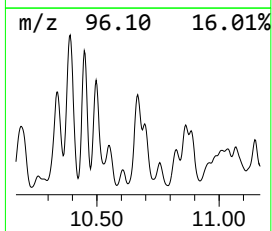
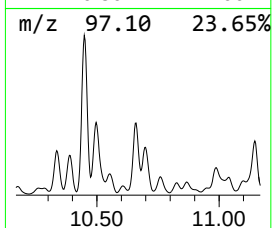
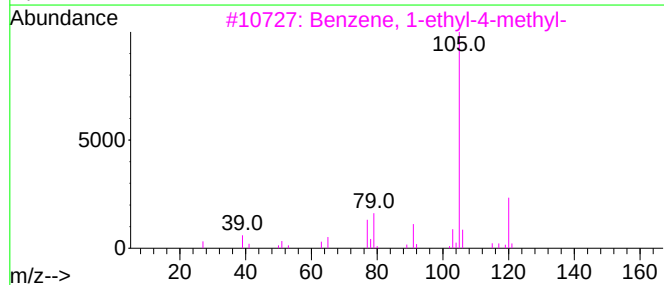
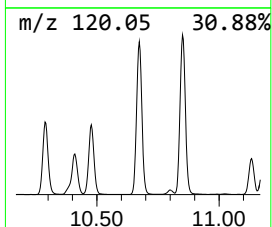
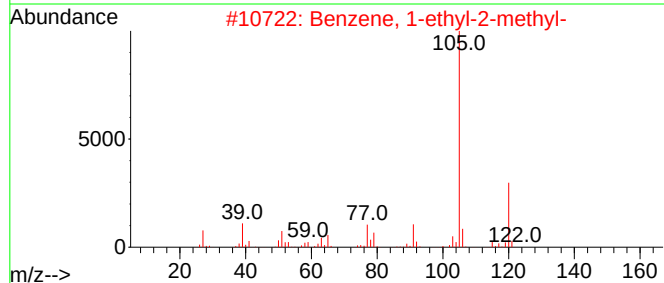
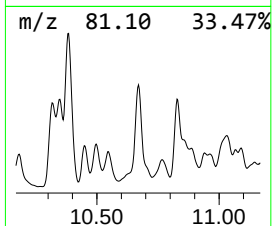
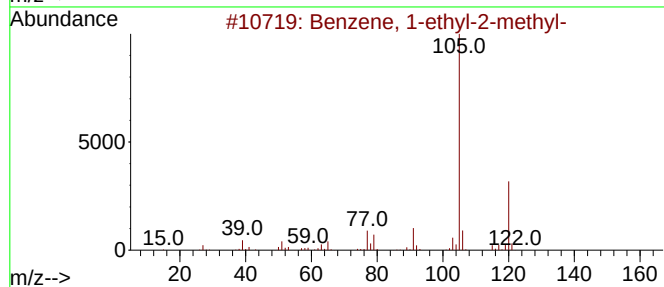
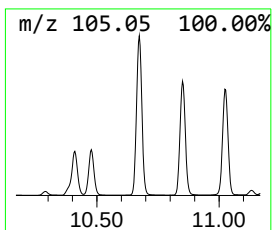
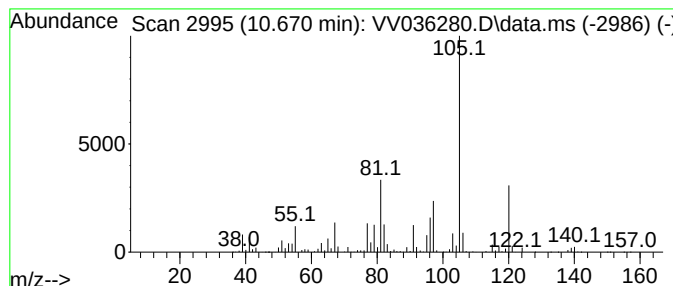
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Benzene, 1-ethyl-2-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	36.92 ug/L	6957830	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

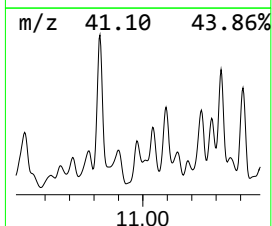
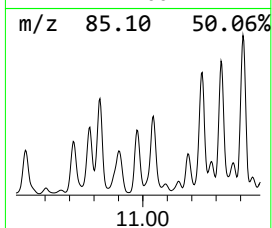
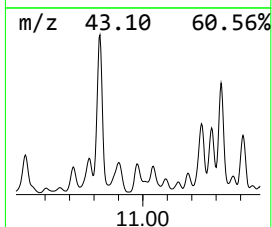
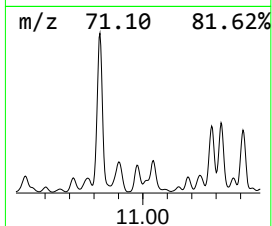
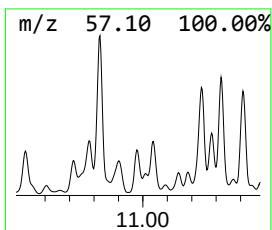
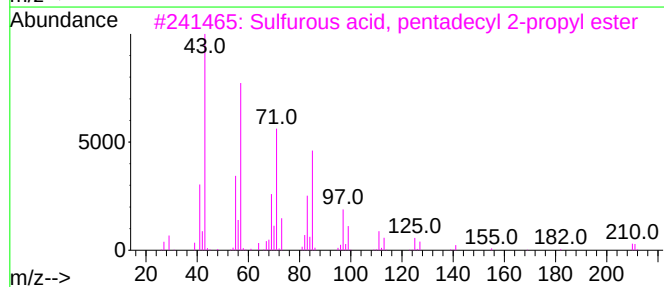
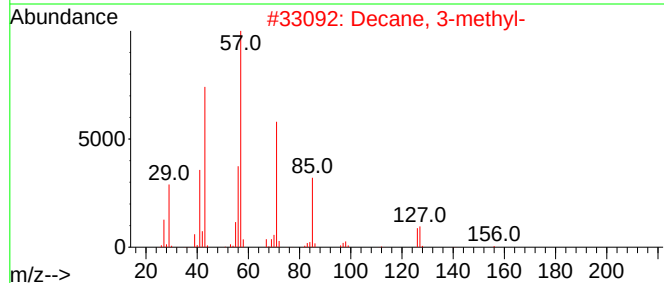
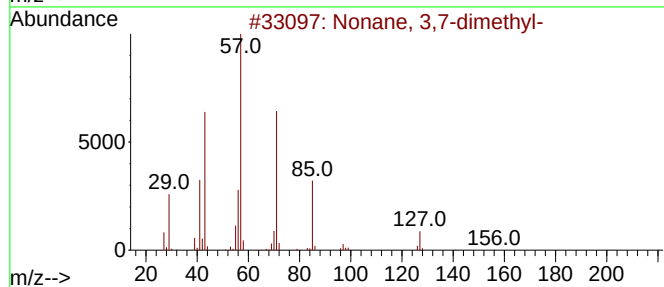
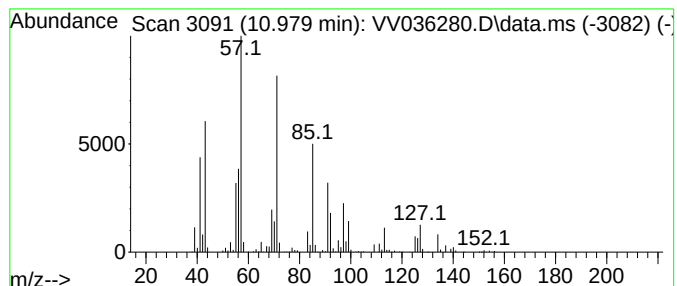
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.979	43.14 ug/L	8128640	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
2			Decane, 3-methyl-	156	C11H24	013151-34-3	76
3			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
4			Pentacosane	352	C25H52	000629-99-2	59
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

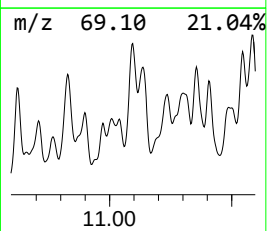
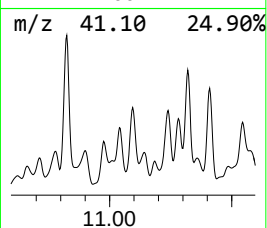
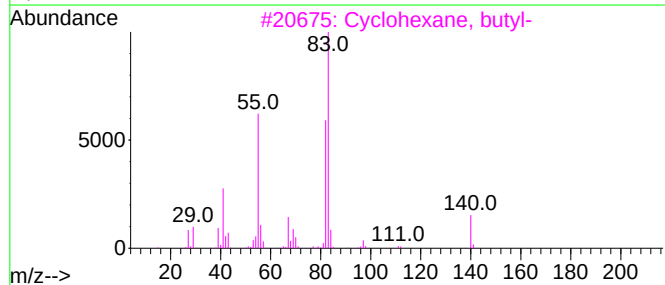
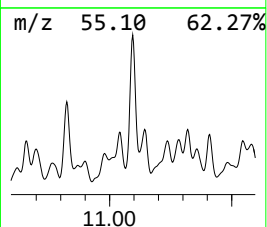
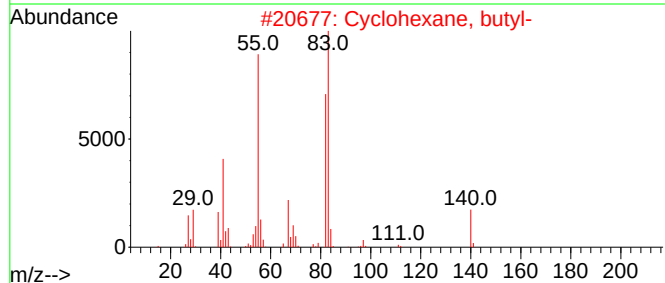
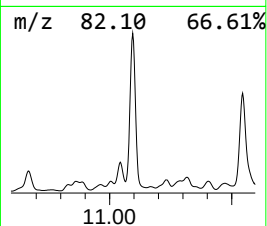
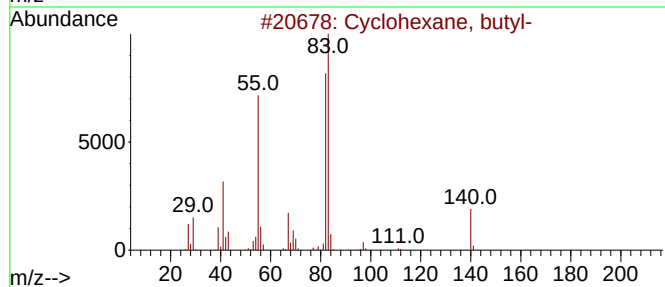
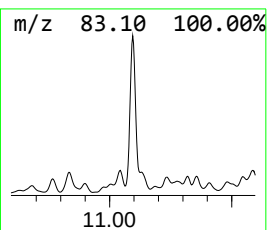
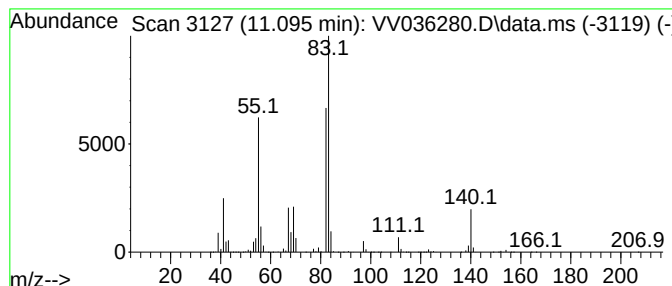
Instrument :
MSVOA_V
ClientSampleId :
COT89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Cyclic11.095 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.095	57.12 ug/L	10764600	1,4-Dichlorobenzene-d4			11.185
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-		140	C10H20	001678-93-9	91
2	Cyclohexane, butyl-		140	C10H20	001678-93-9	91
3	Cyclohexane, butyl-		140	C10H20	001678-93-9	87
4	Cyclohexane, pentyl-		154	C11H22	004292-92-6	76
5	Cyclohexane, pentyl-		154	C11H22	004292-92-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

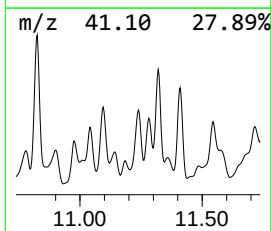
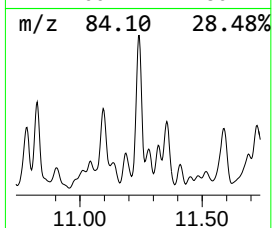
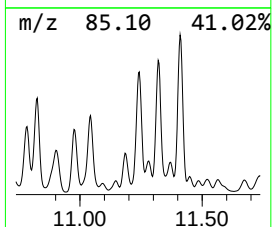
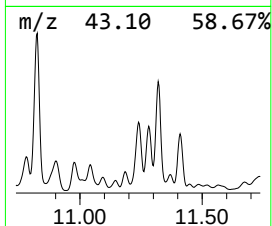
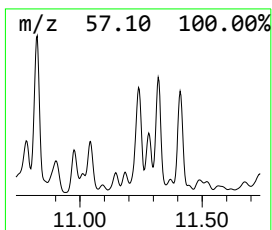
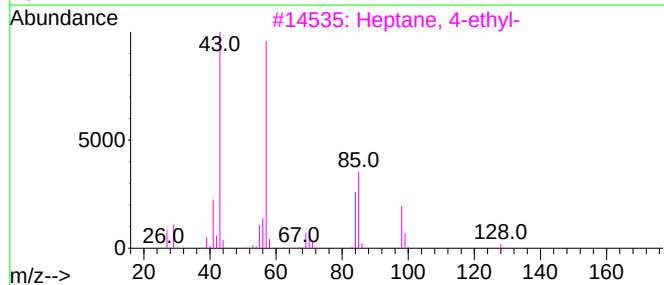
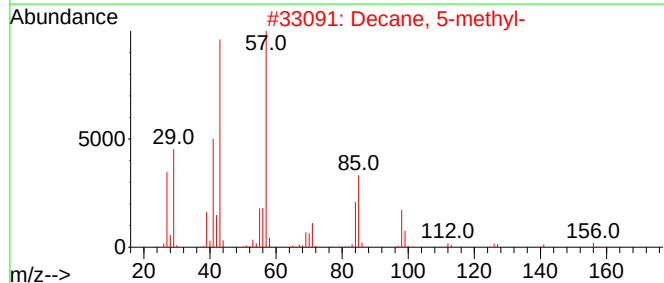
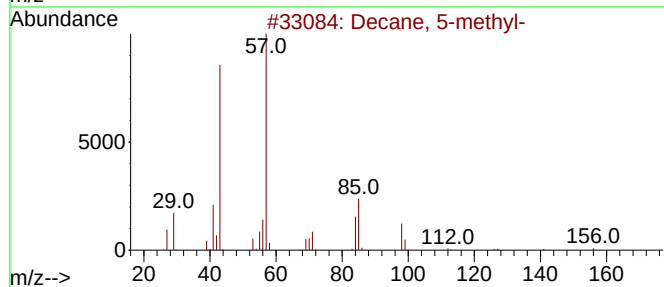
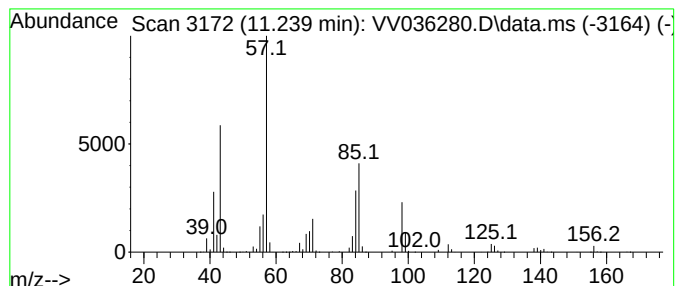
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.239	41.18 ug/L	7759430	1,4-Dichlorobenzene-d4			11.185
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-		156	C11H24	013151-35-4	90
2	Decane, 5-methyl-		156	C11H24	013151-35-4	90
3	Heptane, 4-ethyl-		128	C9H20	002216-32-2	64
4	Heptane, 4-ethyl-		128	C9H20	002216-32-2	64
5	Nonane, 2,5-dimethyl-		156	C11H24	017302-27-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

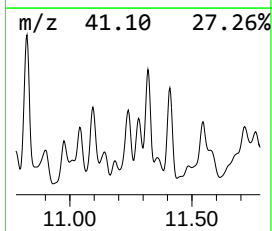
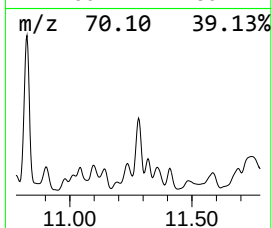
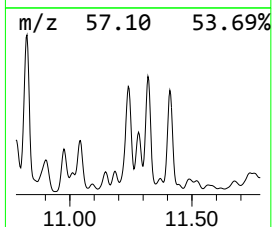
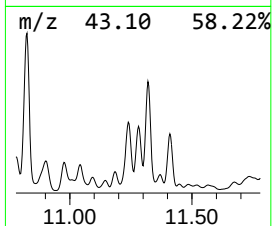
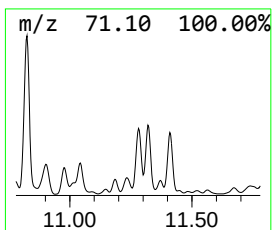
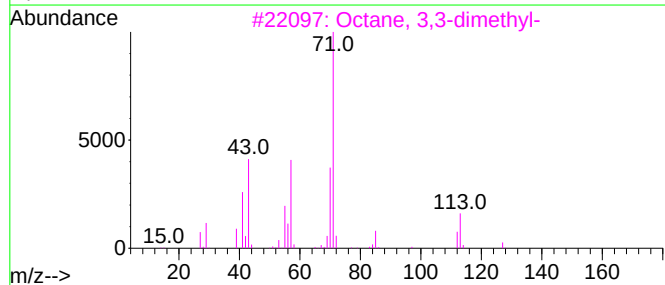
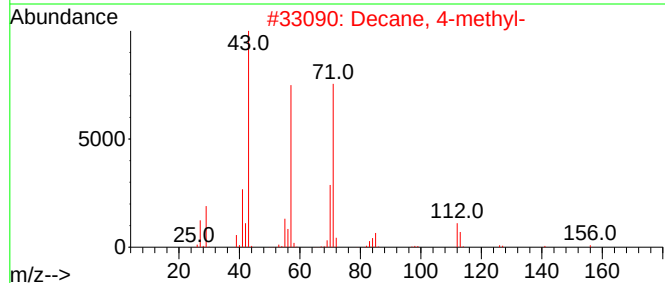
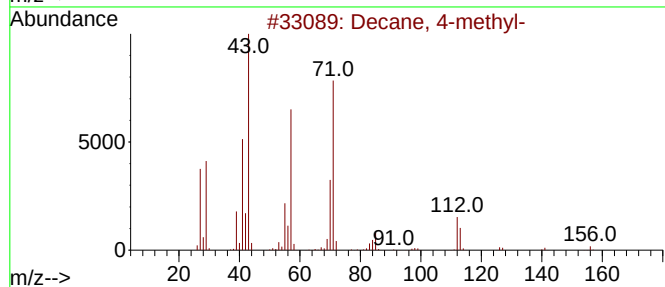
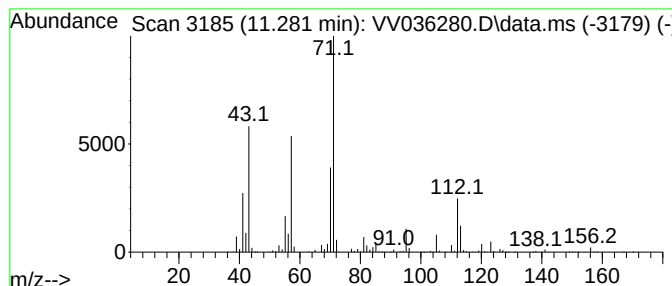
Instrument :
MSVOA_V
ClientSampleId :
COT89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.281	41.44 ug/L	7808510	1,4-Dichlorobenzene-d4	11.185	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	72
2	Decane, 4-methyl-	156	C11H24	002847-72-5	64
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
4	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	53
5	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

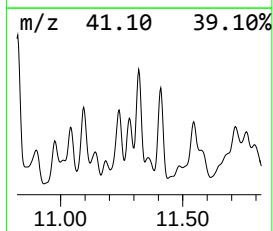
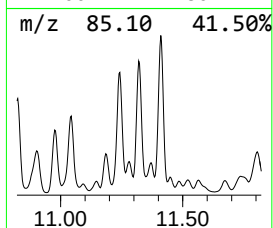
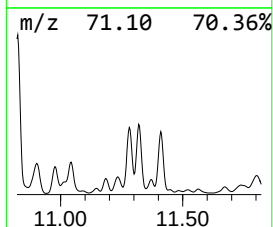
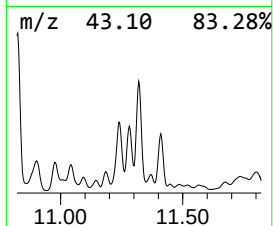
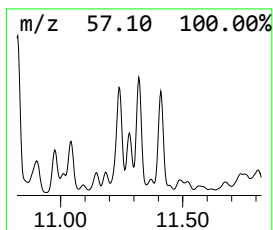
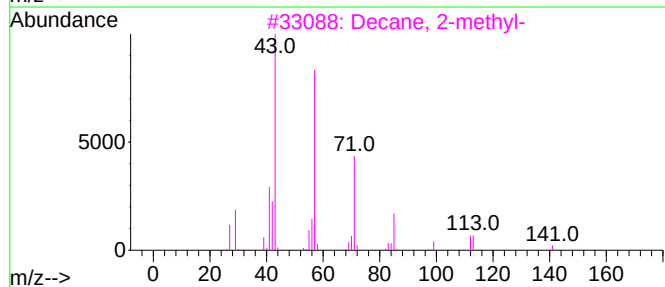
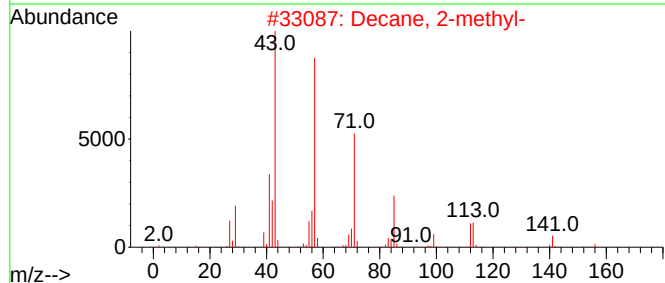
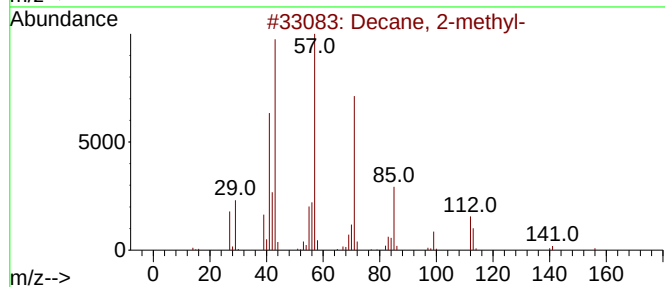
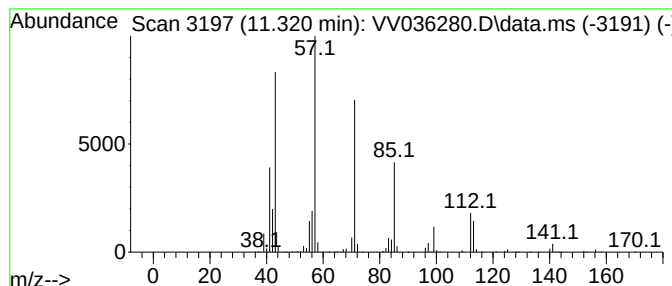
Instrument :
MSVOA_V
ClientSampleId :
COT89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.320	56.44 ug/L	10635400	1,4-Dichlorobenzene-d4		11.185	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	94
2	Decane, 2-methyl-		156	C11H24	006975-98-0	94
3	Decane, 2-methyl-		156	C11H24	006975-98-0	91
4	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	72
5	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

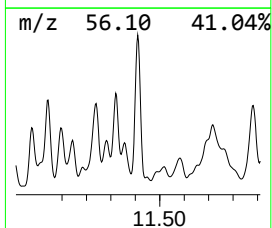
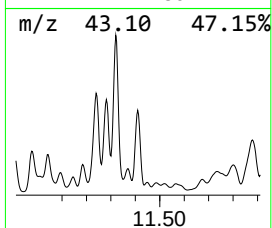
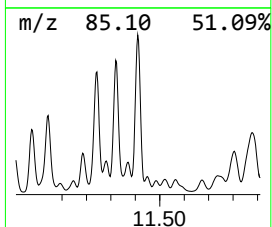
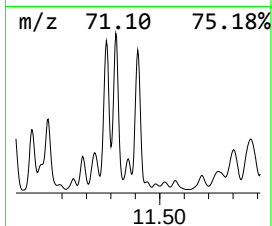
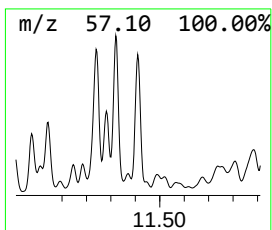
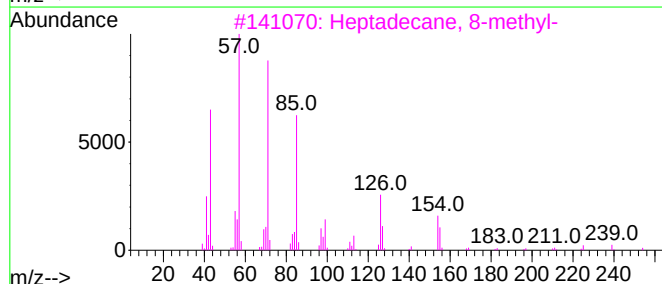
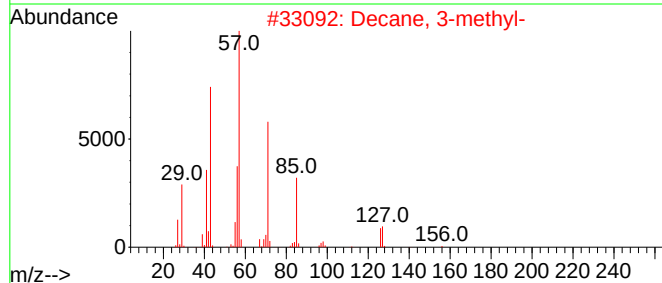
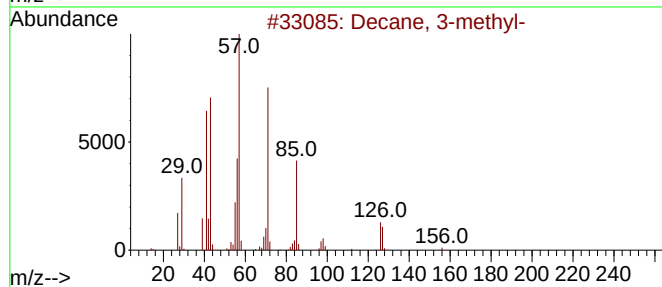
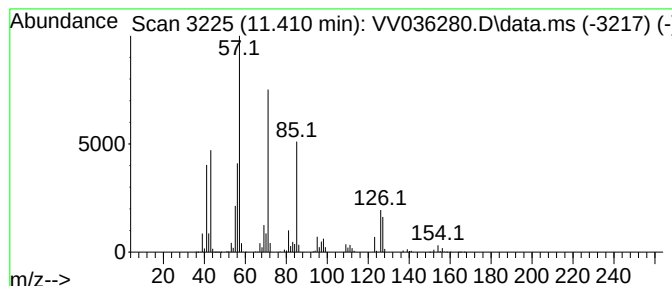
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	72.78 ug/L	13714900	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	91
2			Decane, 3-methyl-	156	C11H24	013151-34-3	83
3			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
4			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

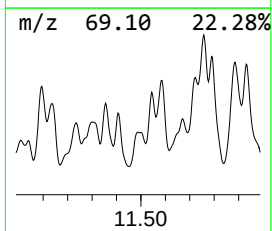
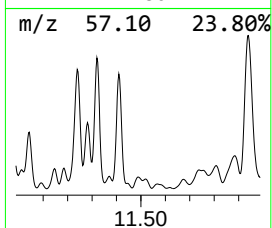
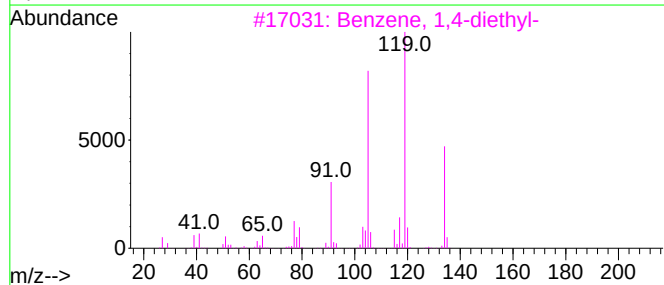
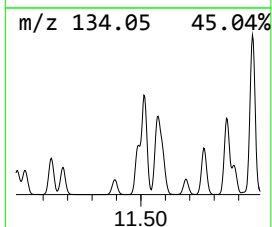
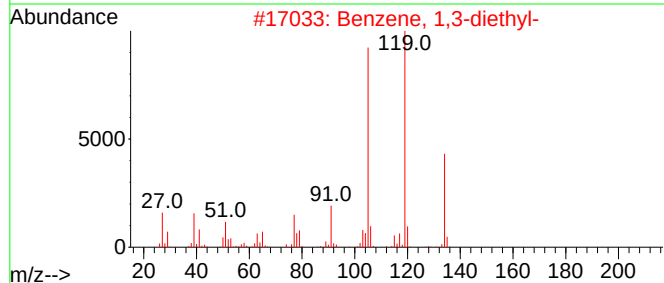
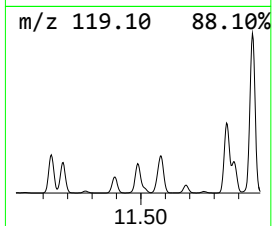
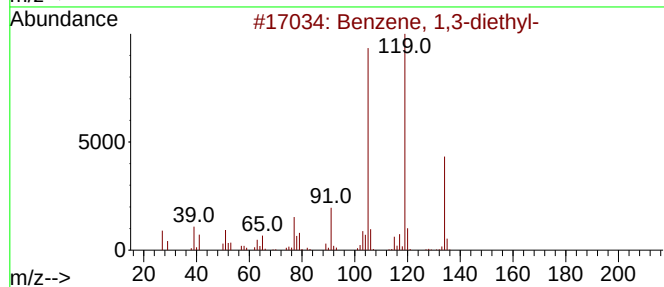
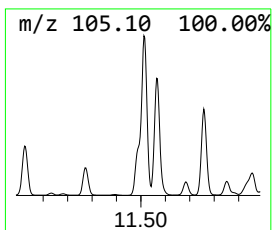
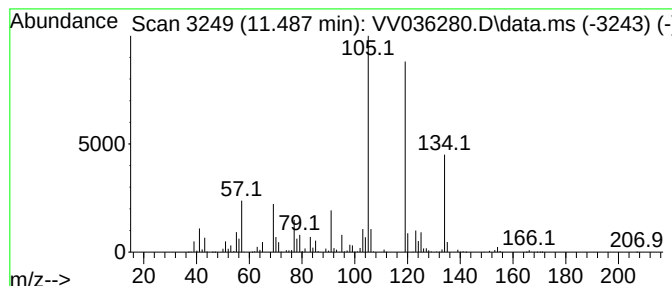
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Benzene, 1,3-diethyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	17.62 ug/L	3319700	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

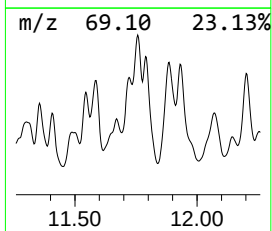
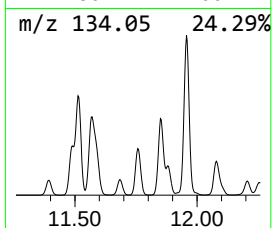
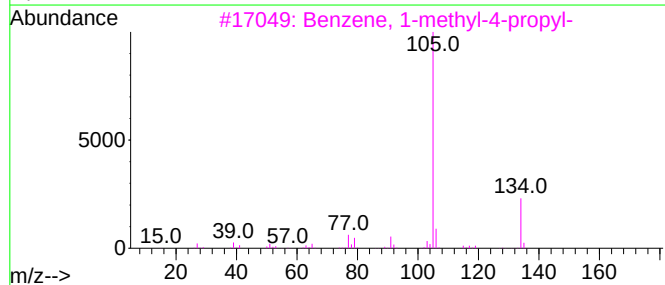
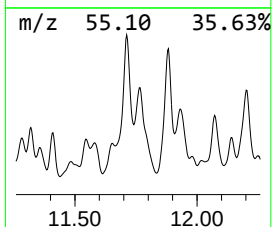
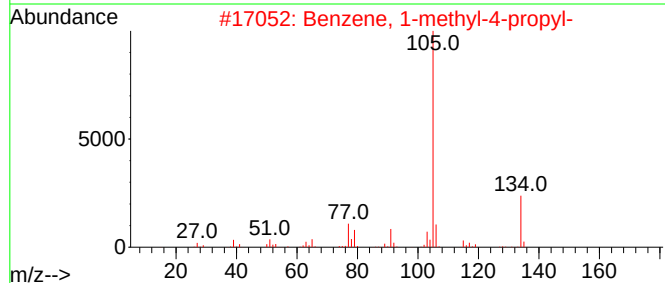
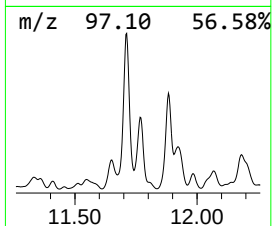
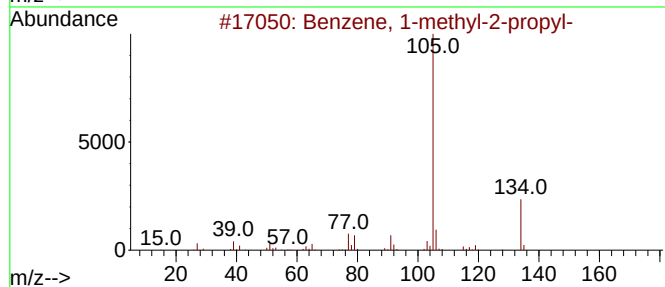
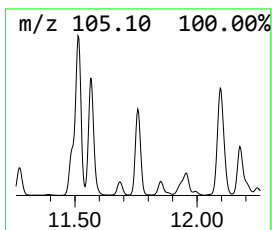
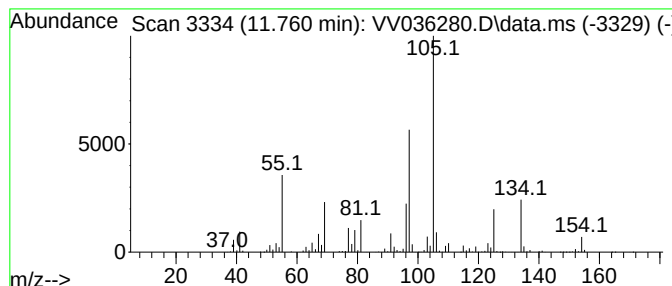
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Benzene, 1-methyl-2-propyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.760	30.94 ug/L	5830690	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

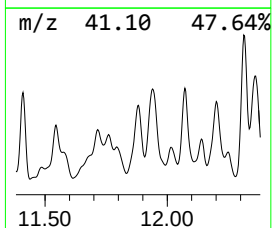
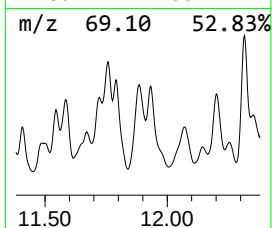
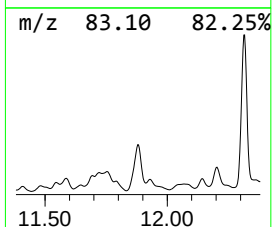
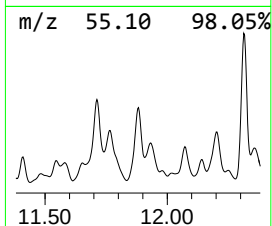
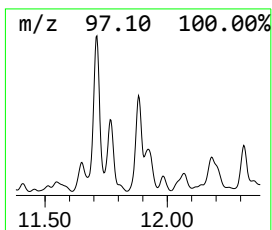
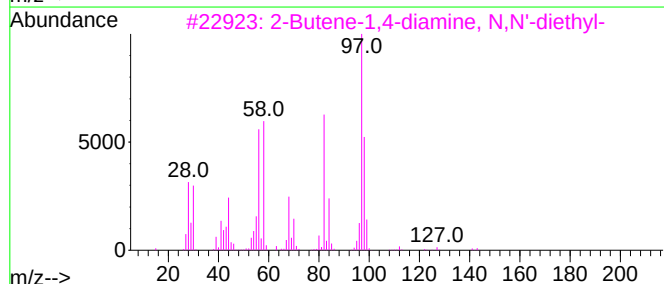
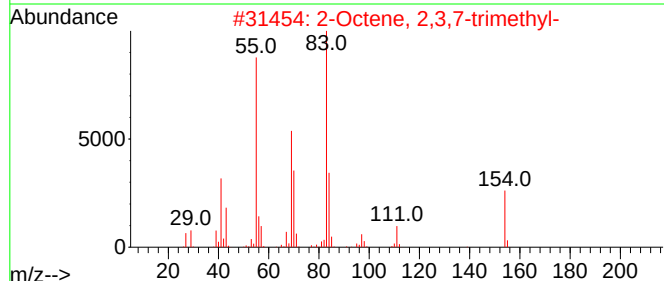
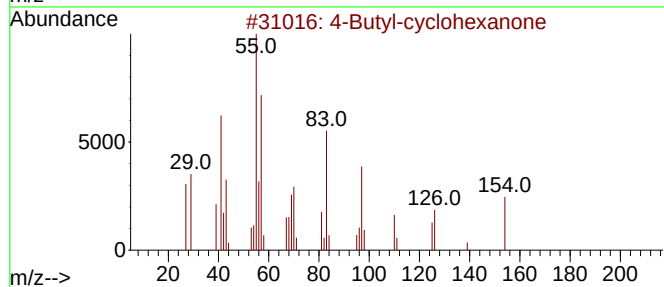
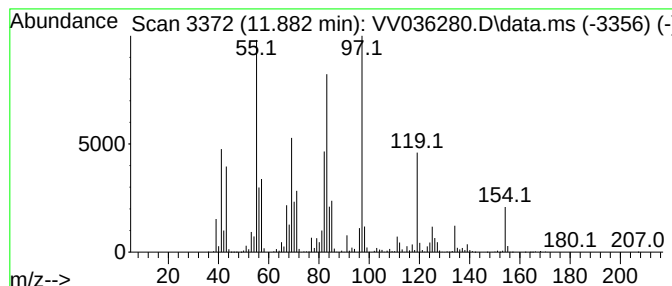
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.882	124.14 ug/L	23394400	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	35
2			2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	30
3			2-Butene-1,4-diamine, N,N'-diethyl-	142	C8H18N2	000112-21-0	27
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	25
5			1,3-Cyclohexanedione, 2,5,5-trim...	154	C9H14O2	001125-11-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

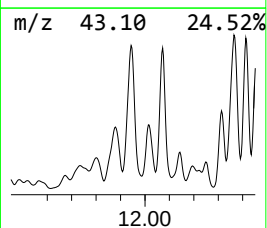
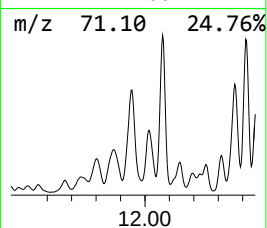
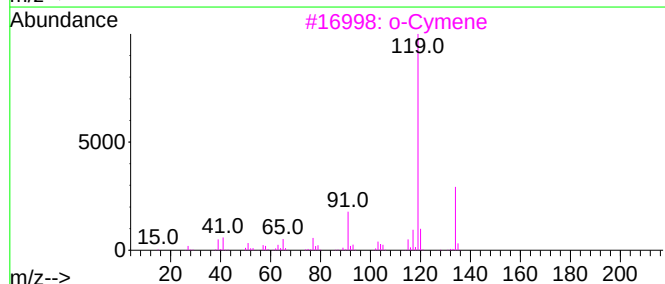
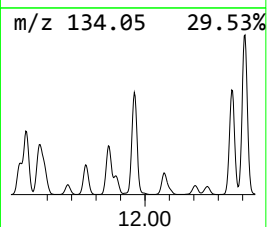
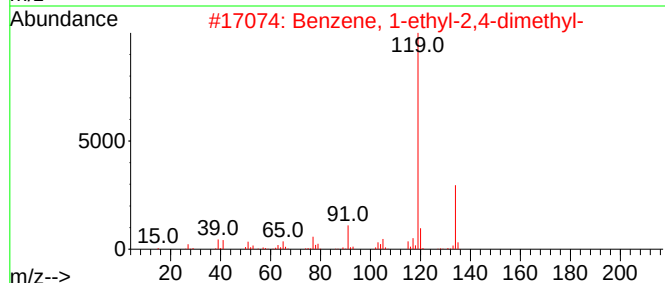
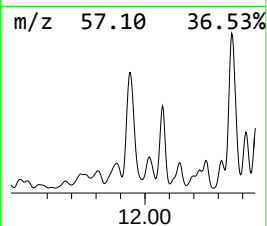
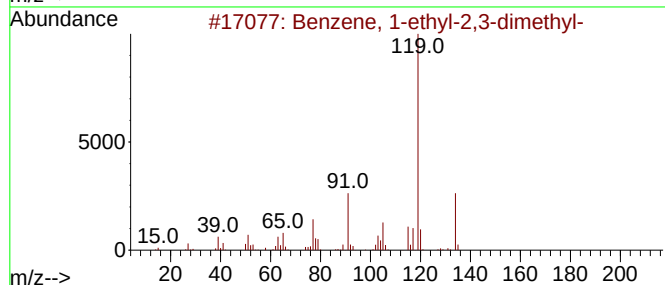
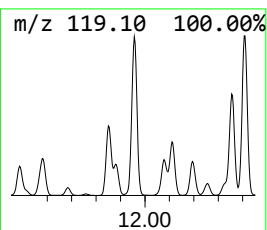
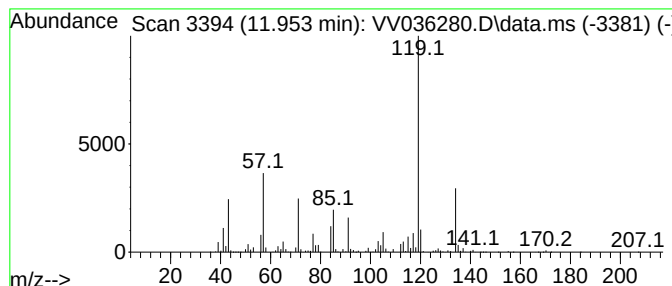
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.953	156.52 ug/L	29495800	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
3			o-Cymene	134	C10H14	000527-84-4	92
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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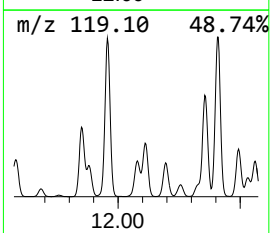
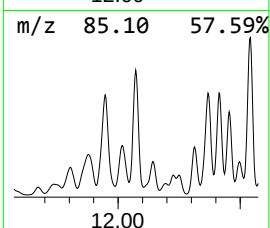
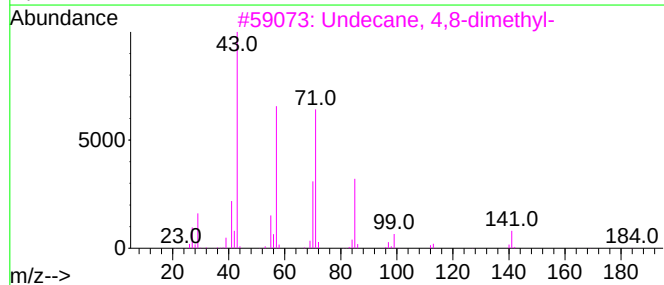
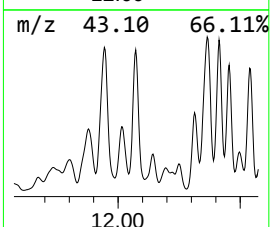
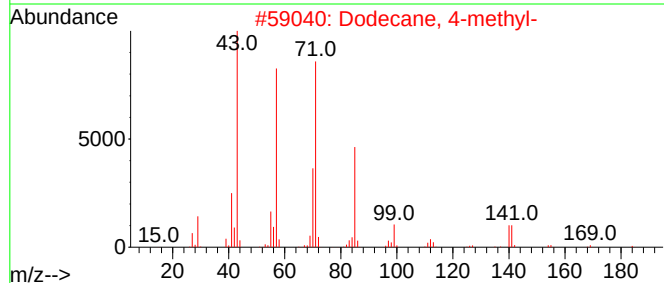
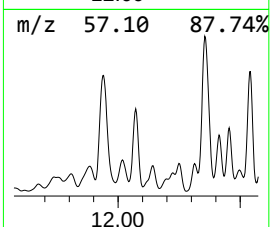
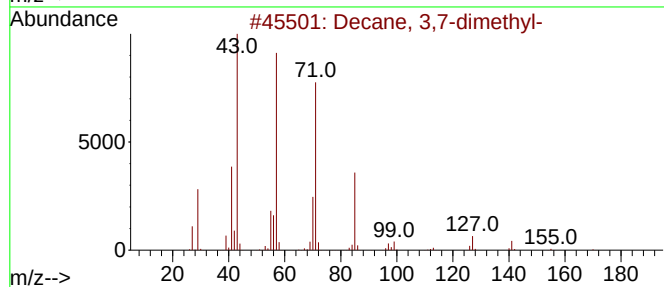
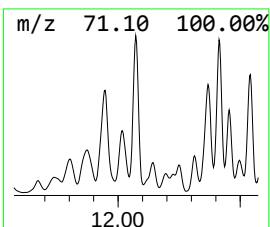
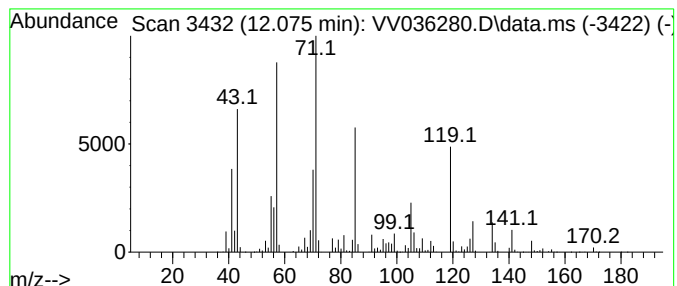
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	125.70 ug/L	23688400	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	86
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
3			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
5			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

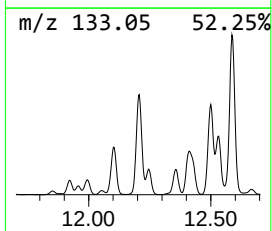
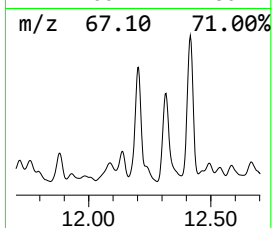
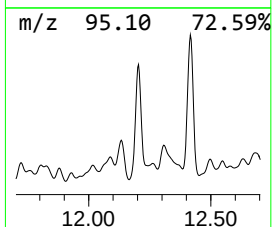
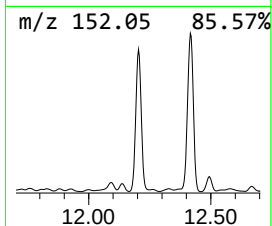
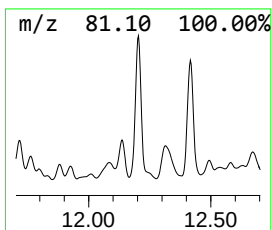
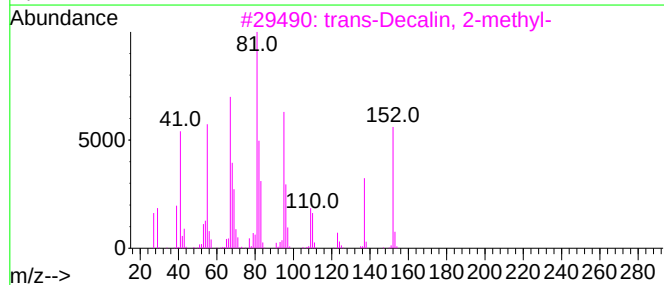
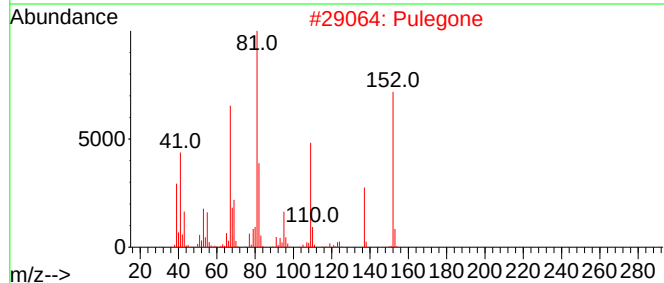
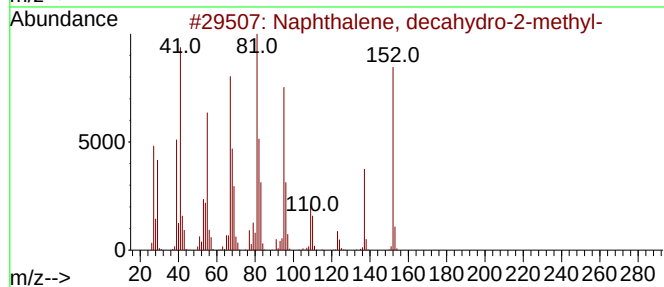
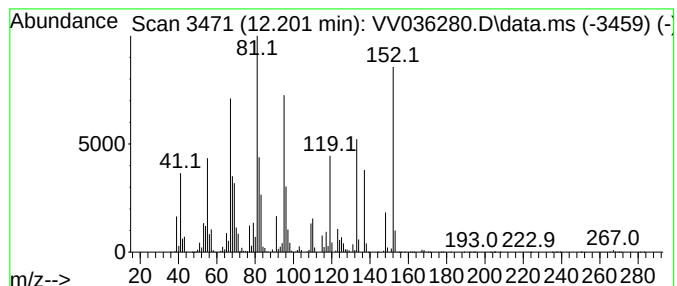
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.201	138.10 ug/L	26024700	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		Pulegone	152	C10H16O	000089-82-7	62
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
4		Pulegone	152	C10H16O	000089-82-7	58
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

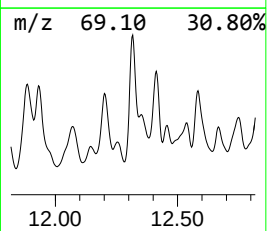
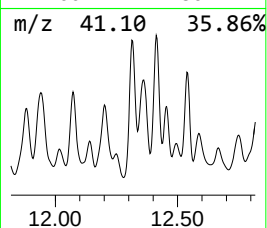
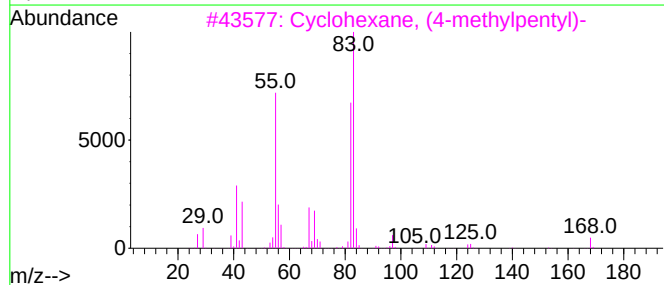
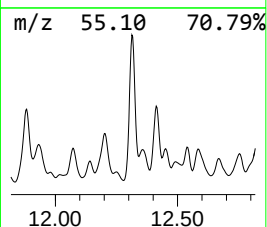
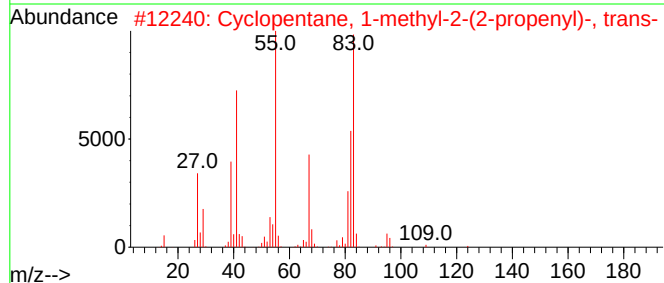
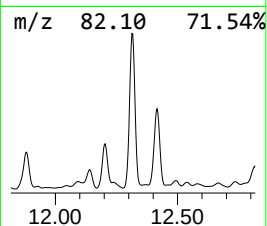
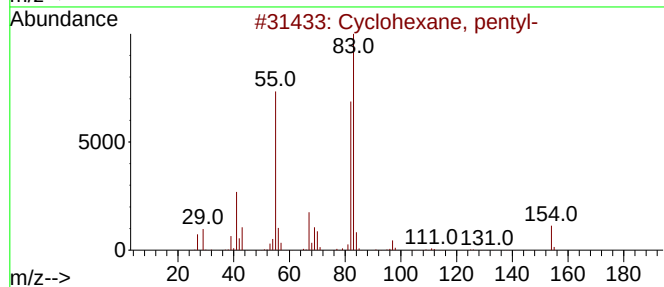
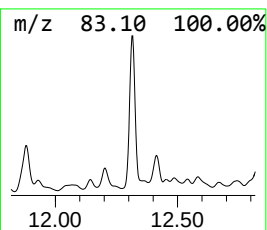
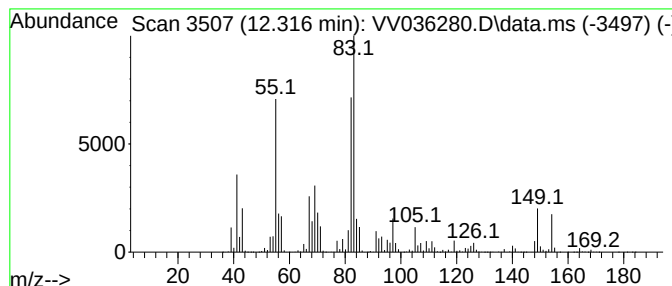
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Cyclic12.317 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	189.89 ug/L	35784600	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5			n-Heptadecylcyclohexane	322	C23H46	019781-73-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

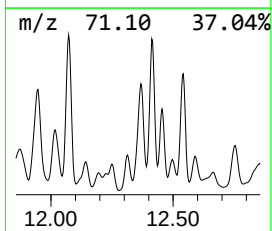
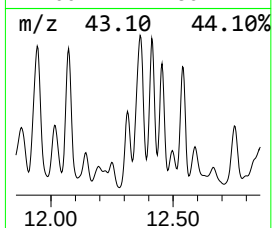
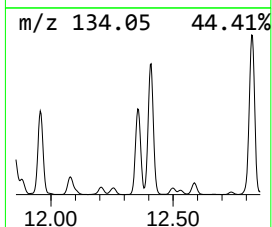
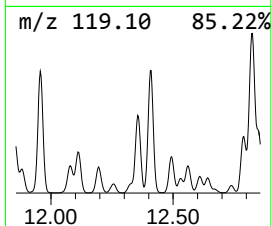
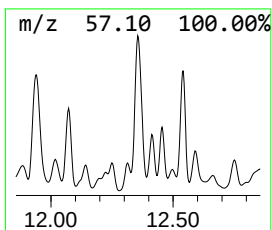
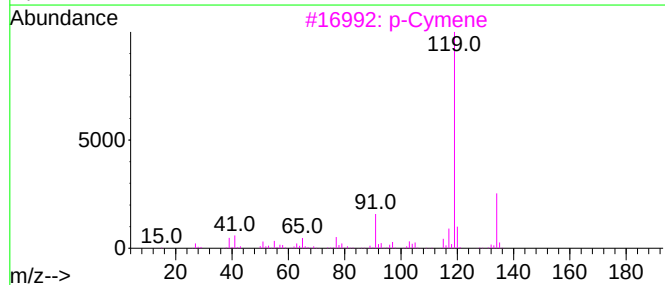
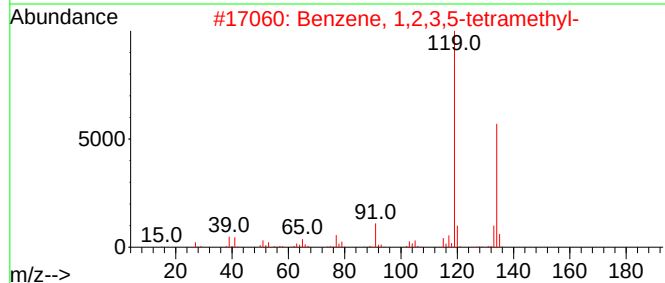
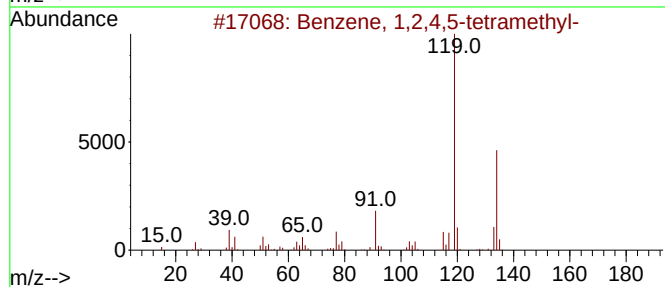
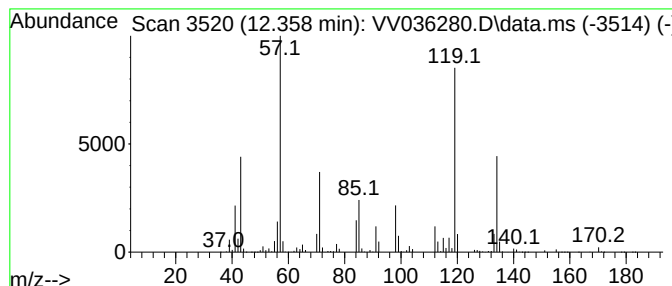
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.358	121.31 ug/L	22860300	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3			p-Cymene	134	C10H14	000099-87-6	55
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	55
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

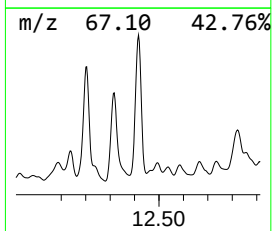
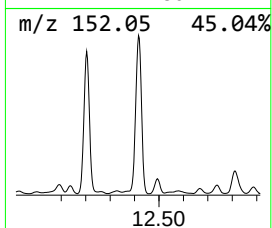
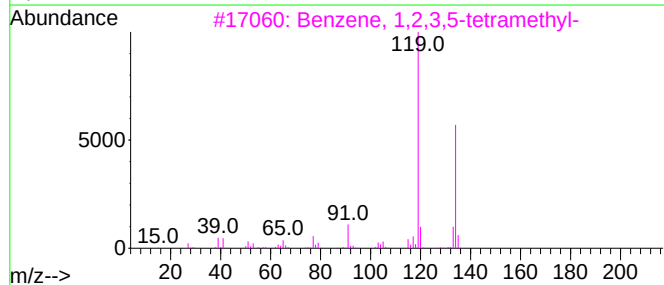
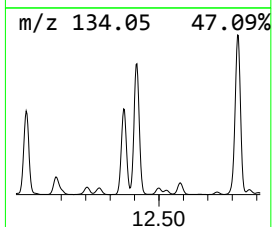
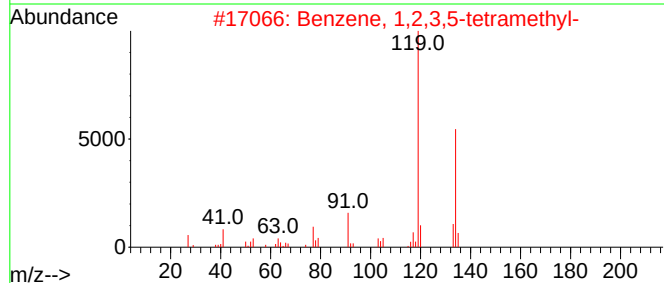
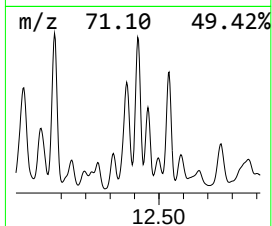
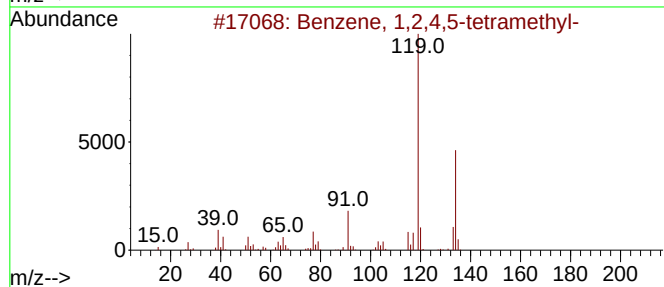
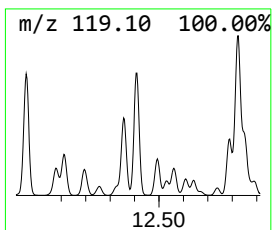
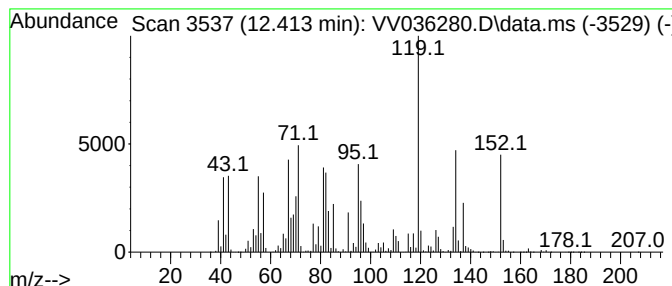
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.413	202.30 ug/L	38122500	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	78
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	74
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	74
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	74
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

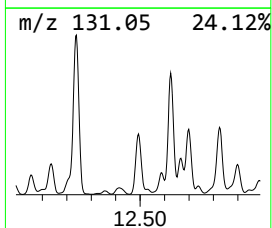
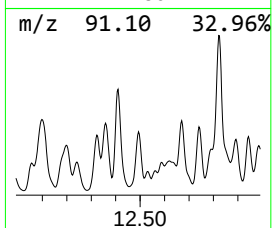
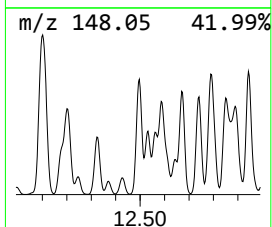
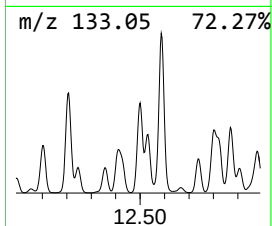
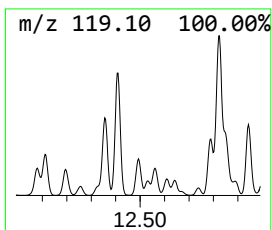
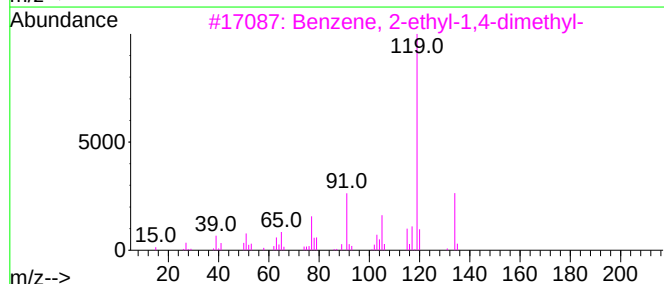
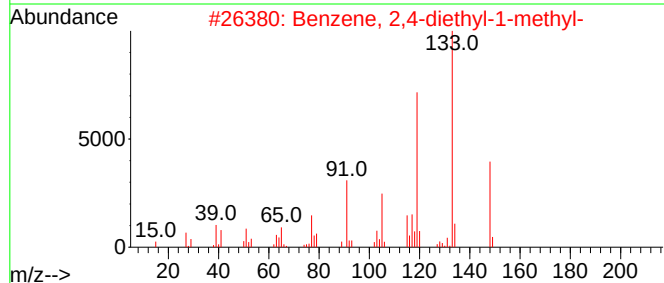
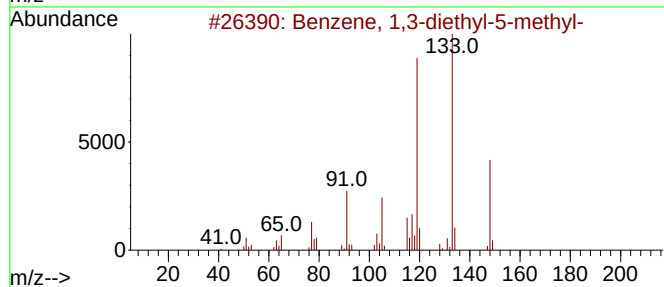
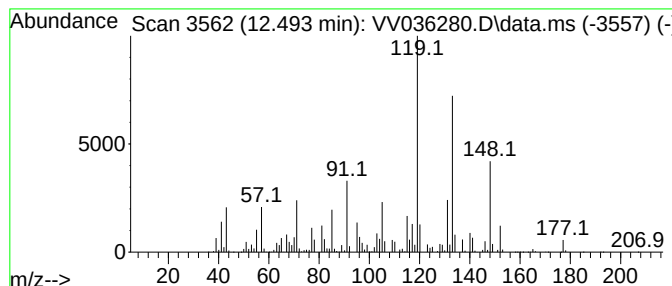
Instrument :
MSVOA_V
ClientSampleId :
COT89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.493	31.34 ug/L	5905030	1,4-Dichlorobenzene-d4	11.185
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 60
2		Benzene, 2,4-diethyl-1-methyl-	148 C11H16	001758-85-6 60
3		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 46
4		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 46
5		3,4-Dimethylcumene	148 C11H16	1000370-34-1 46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

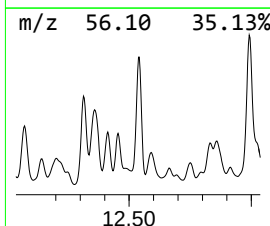
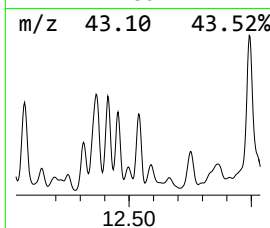
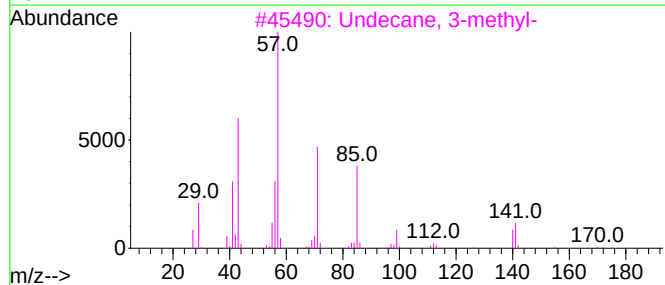
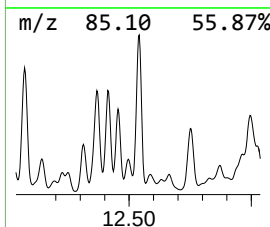
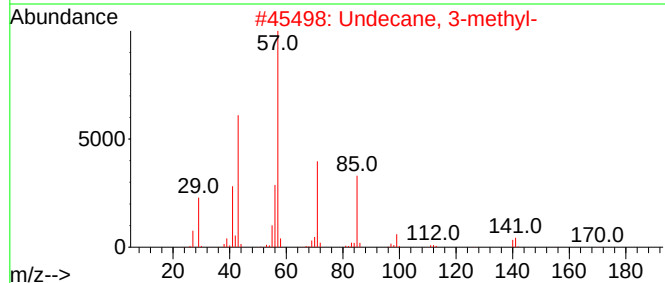
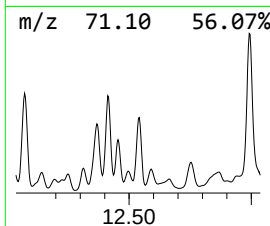
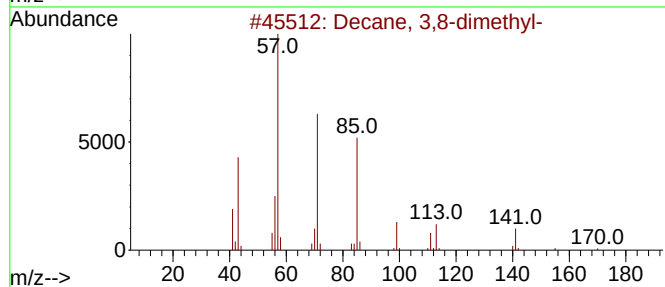
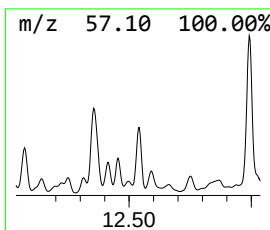
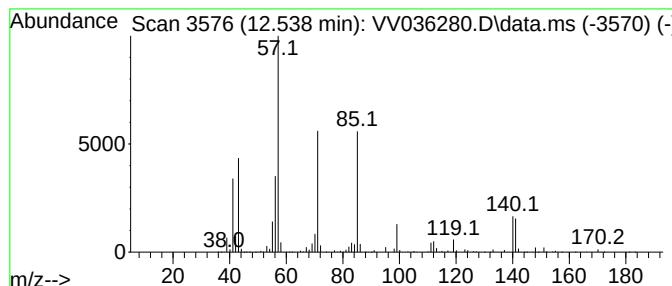
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.538	61.67 ug/L	11622000	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	78
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	78
4			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

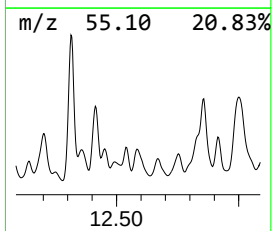
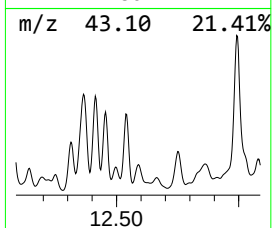
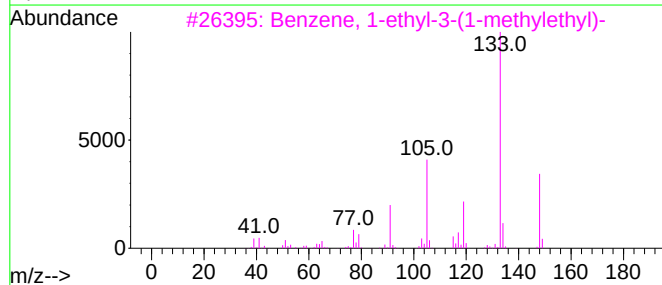
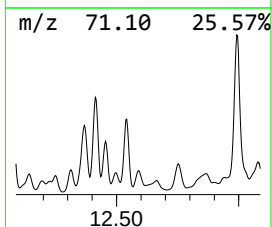
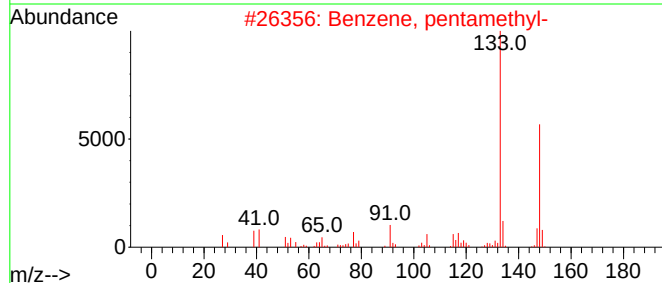
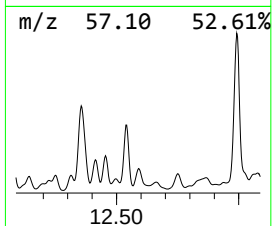
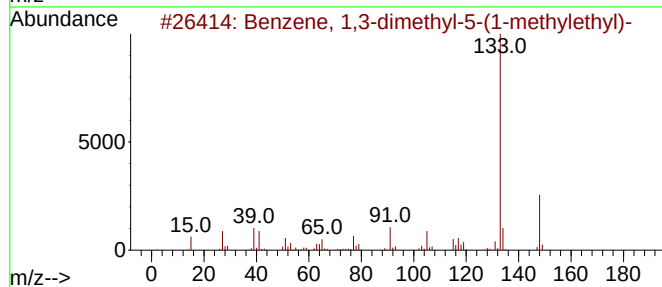
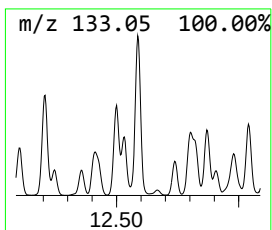
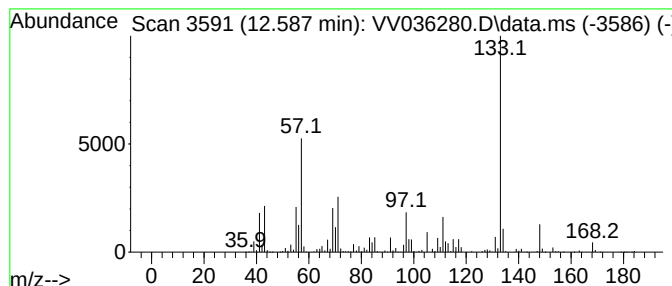
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.587	46.54 ug/L	8770400	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	52
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
4			2,4,6-Trimethylbenzyl mercaptan,...	238	C13H22SSi	1000469-60-9	47
5			2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T89

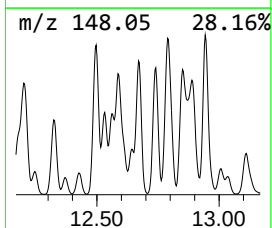
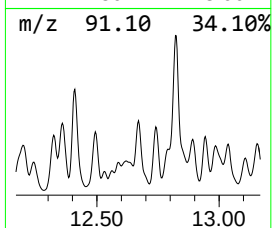
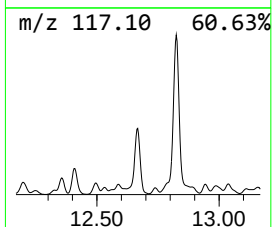
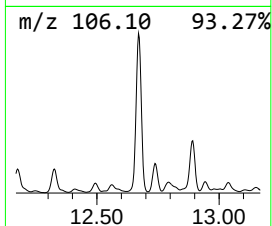
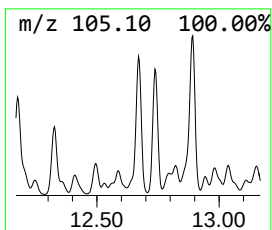
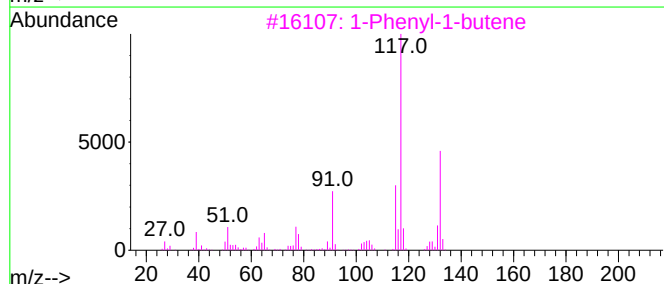
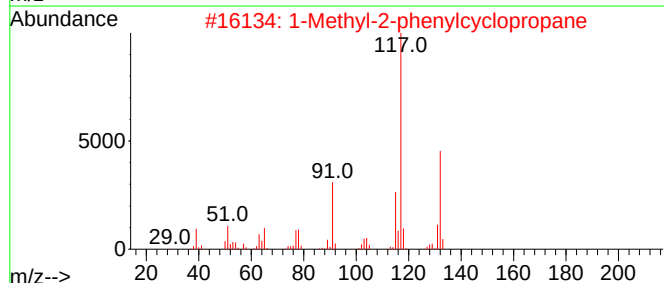
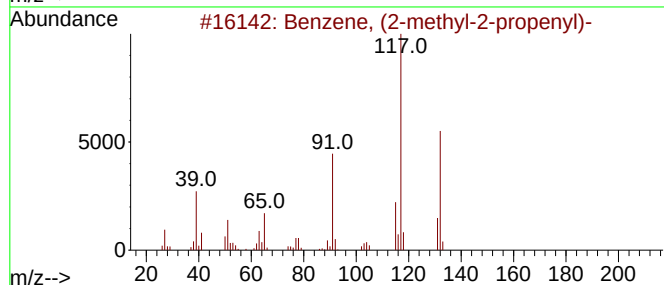
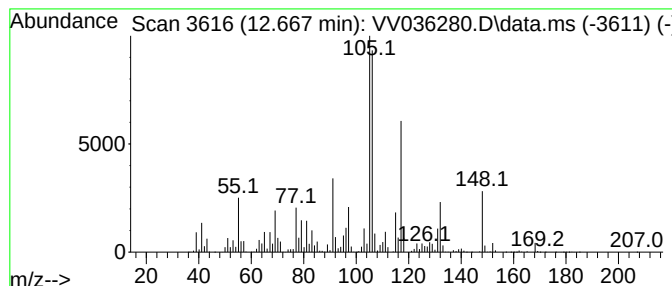
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 Benzene, (2-methyl-2-propen... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.667	67.57 ug/L	12732600	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	62
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	35
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

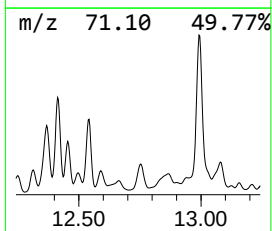
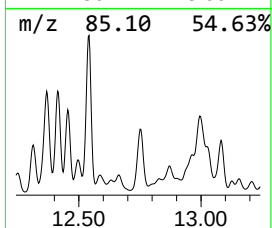
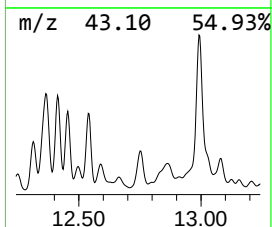
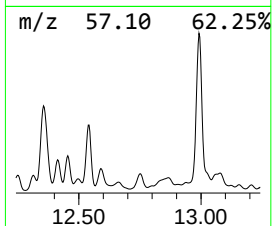
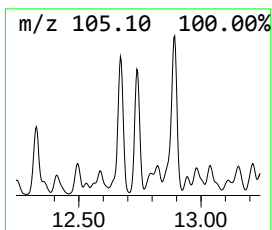
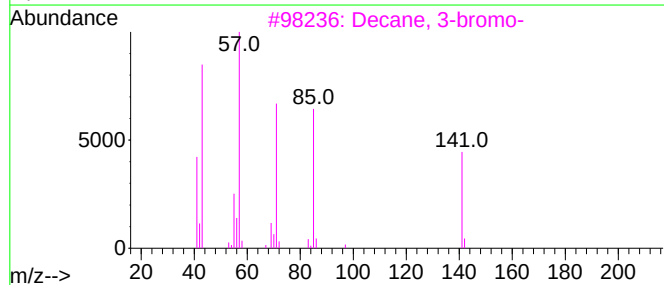
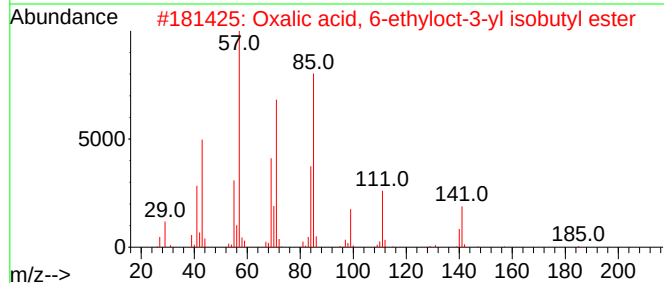
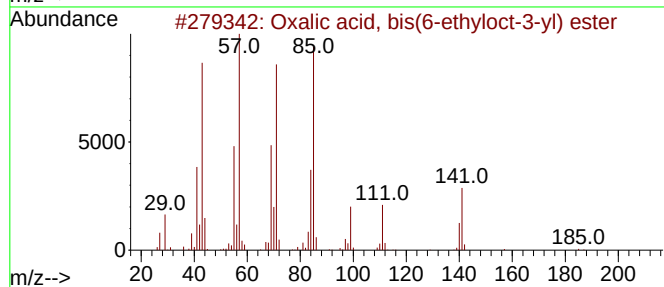
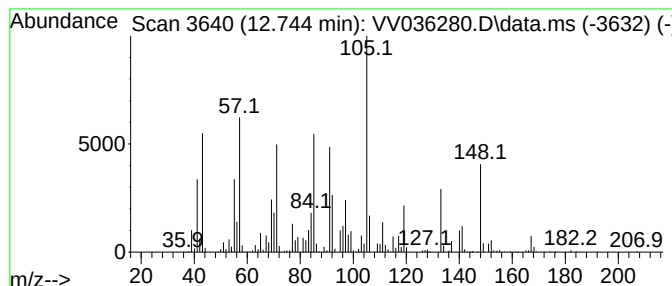
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 unknown-04 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.744	62.30 ug/L	11739200	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	41
2			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	38
3			Decane, 3-bromo-	220	C10H21Br	030571-71-2	27
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

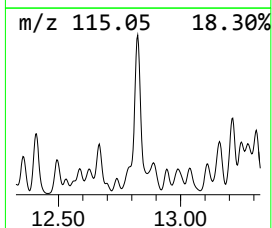
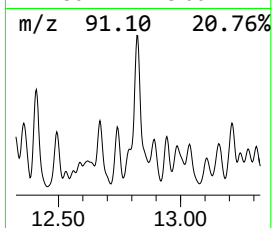
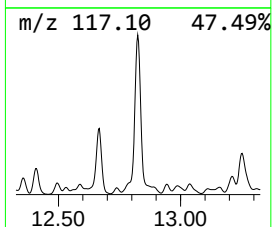
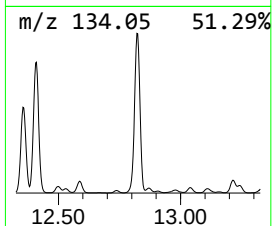
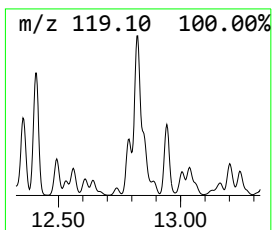
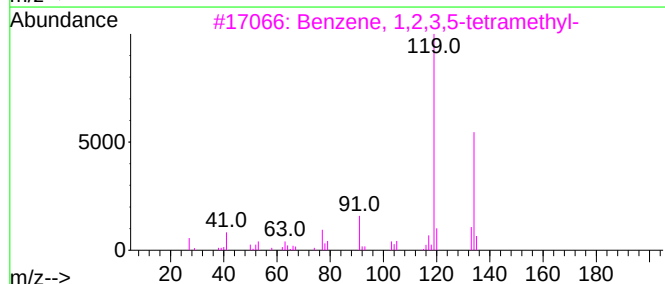
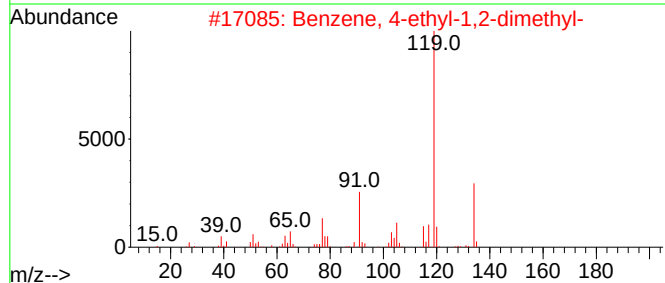
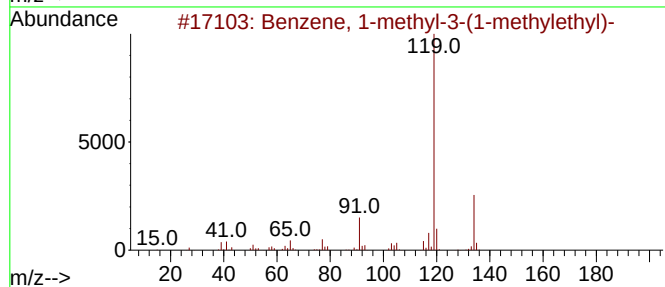
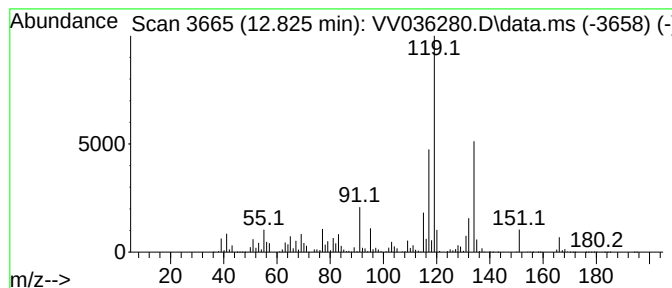
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.825	117.97 ug/L	22231400	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

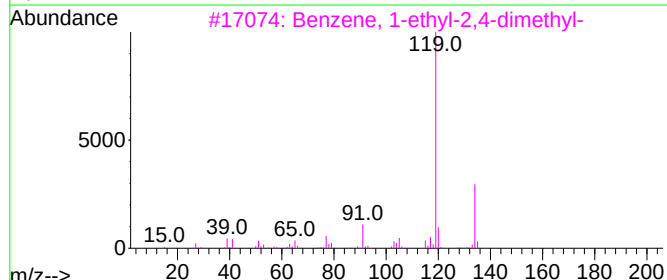
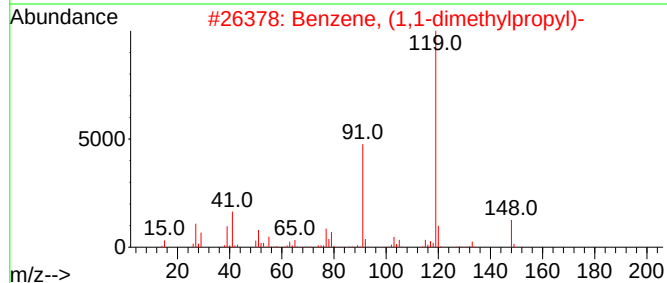
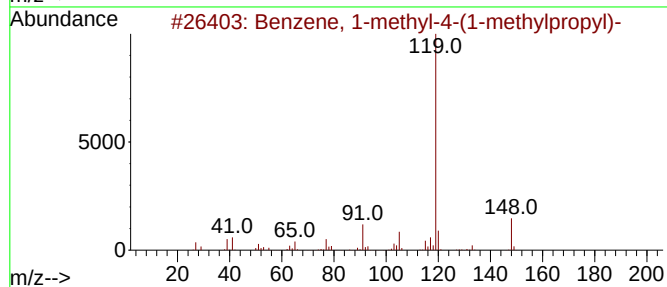
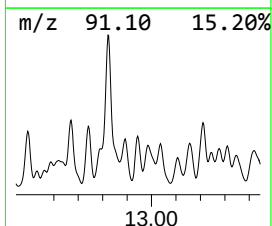
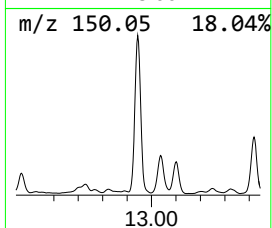
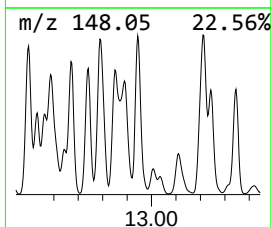
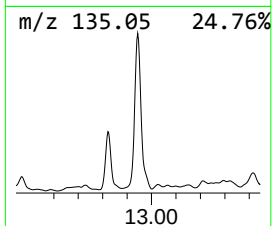
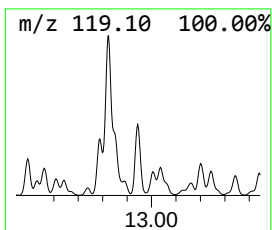
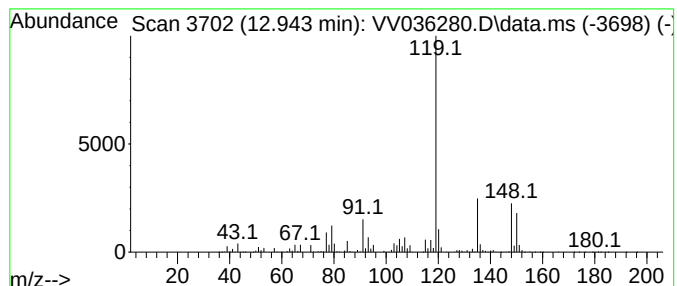
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 Benzene, 1-methyl-4-(1-meth... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.944	17.35 ug/L	3269340	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	52
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	52
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

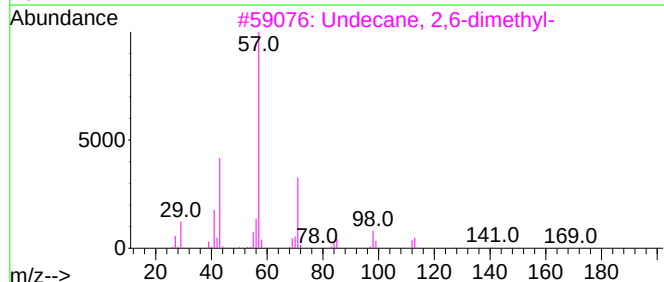
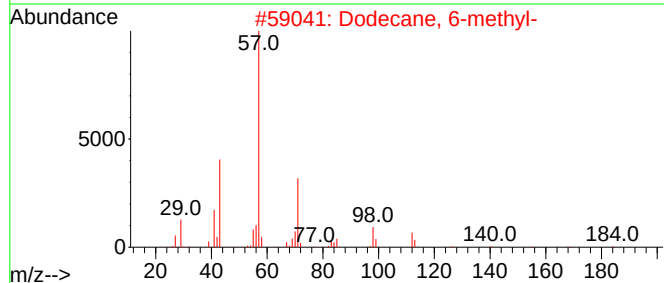
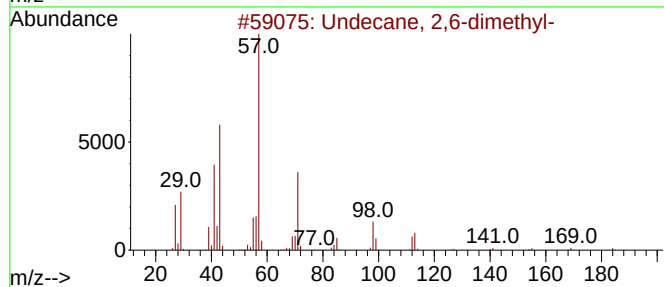
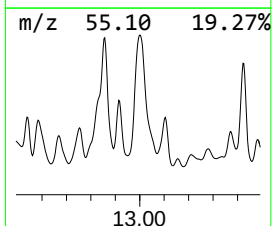
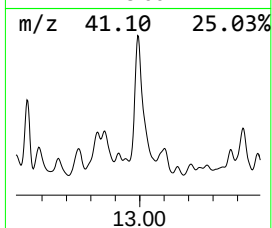
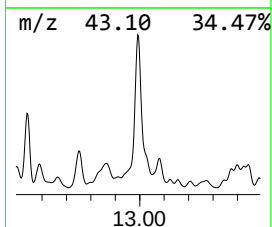
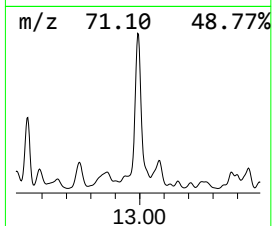
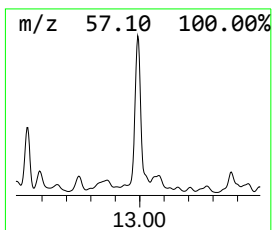
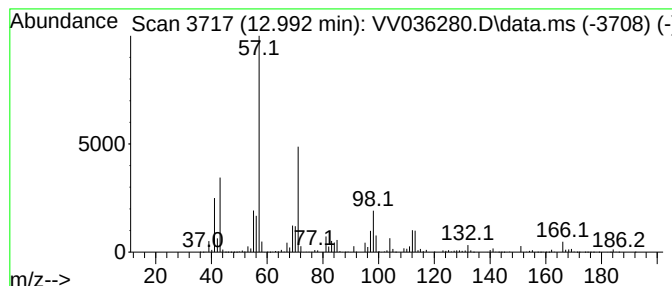
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	317.42 ug/L	59817100	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	55
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

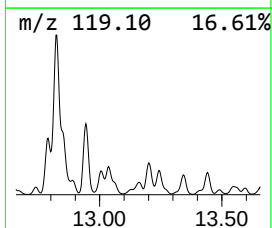
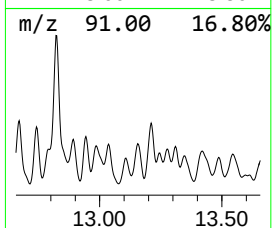
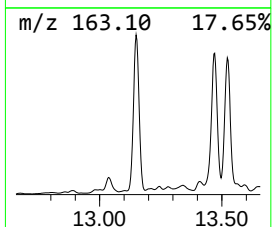
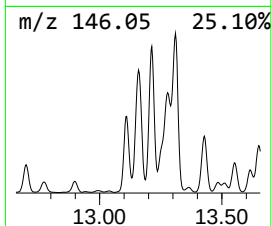
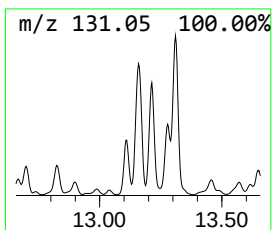
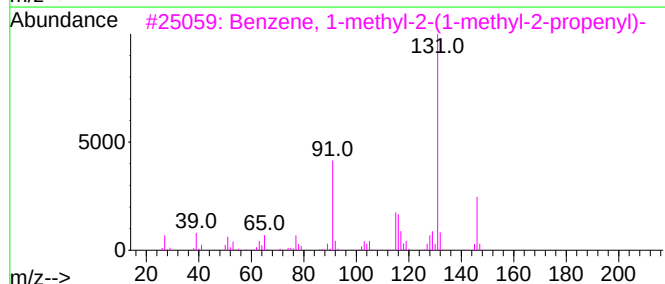
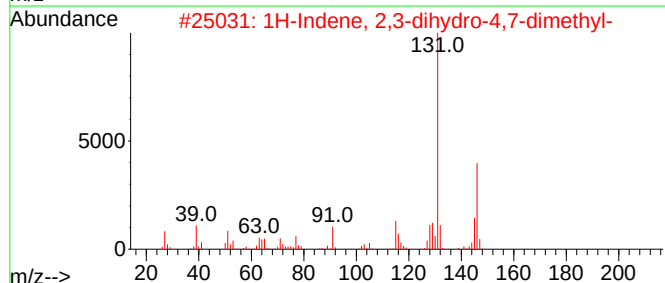
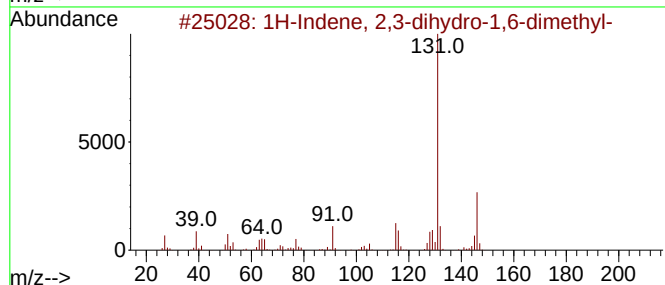
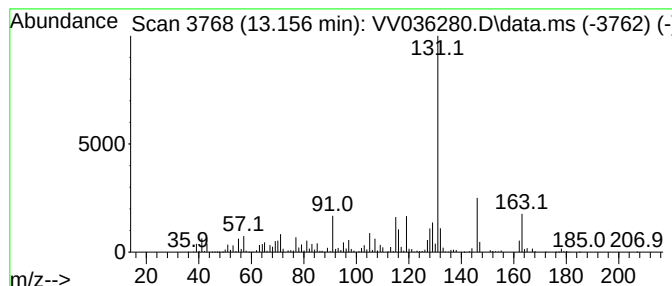
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 74 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.156	38.96 ug/L	7342030	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87		
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87		
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87		
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

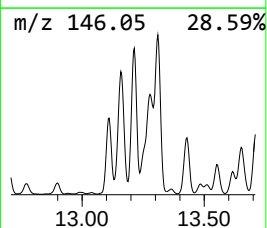
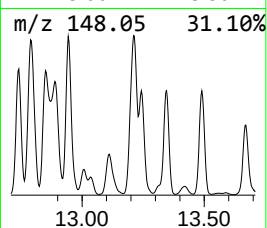
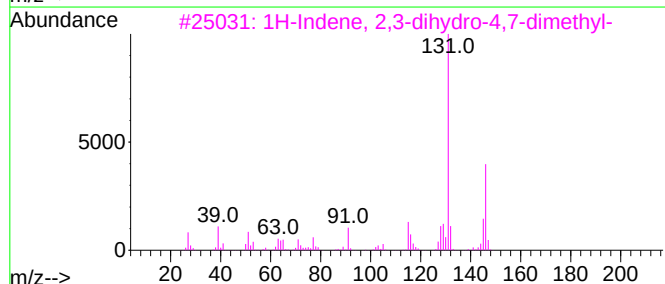
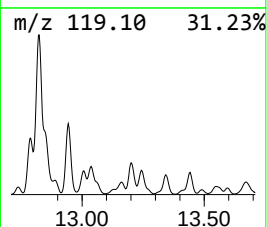
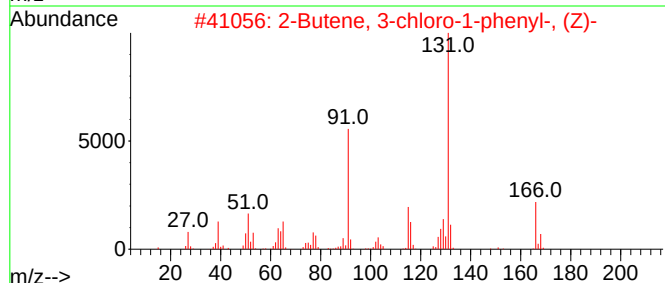
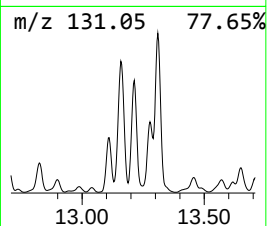
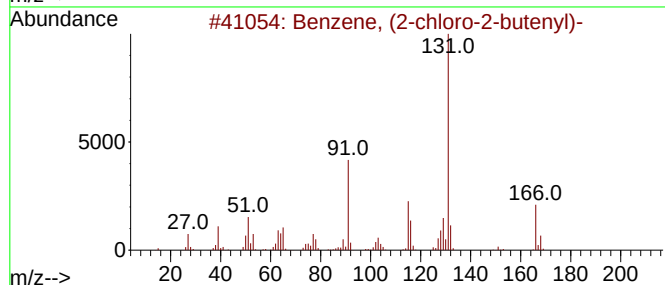
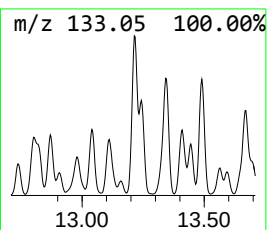
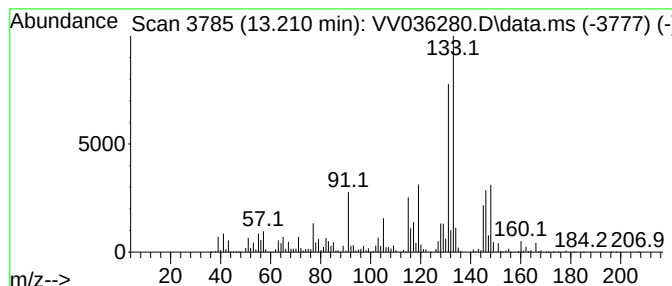
Instrument :
MSVOA_V
ClientSampleId :
COT89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 75 Benzene, (2-chloro-2-butenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.210	70.15 ug/L	13219900	1,4-Dichlorobenzene-d4	11.185	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	84
2	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	83
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

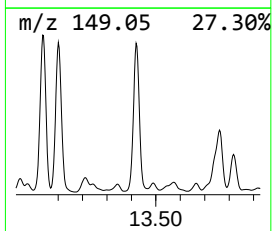
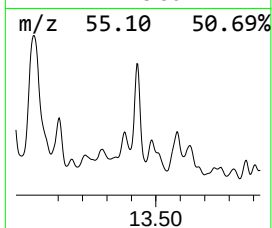
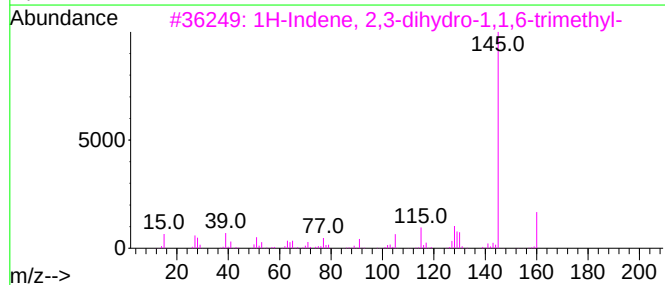
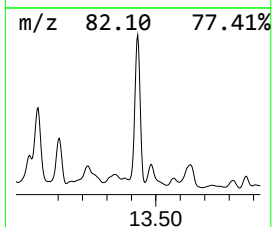
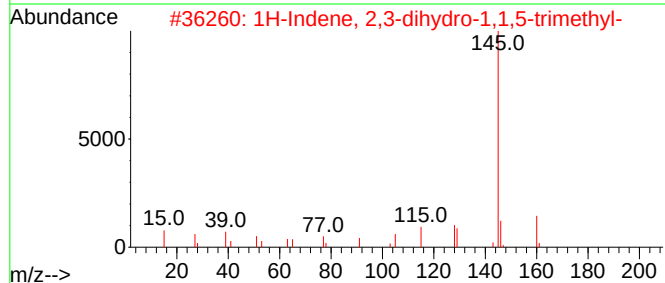
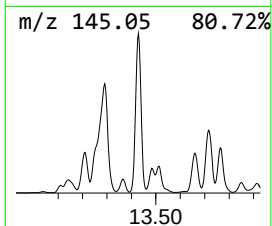
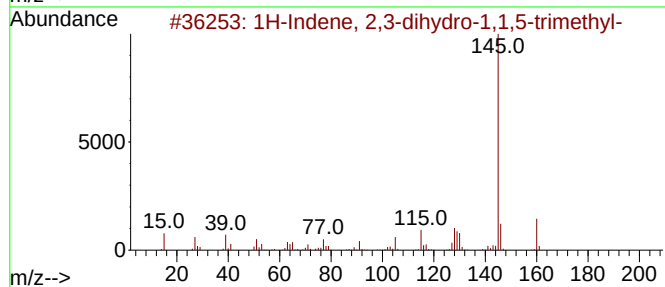
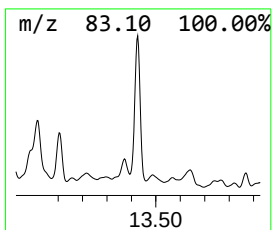
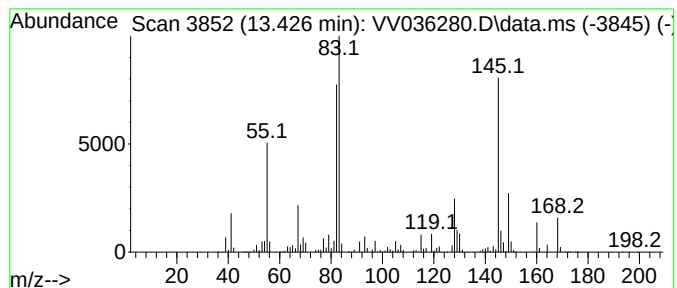
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 76 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	104.67 ug/L	19723600	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	60		
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	60		
3	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	60		
4	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	60		
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

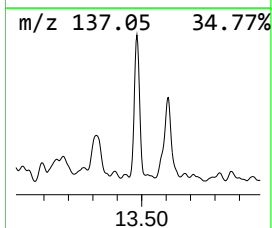
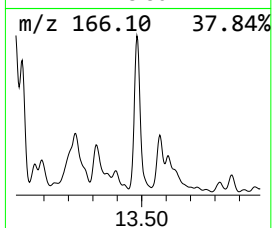
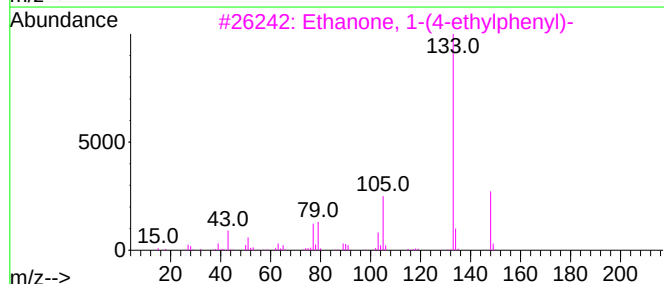
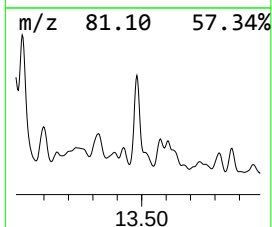
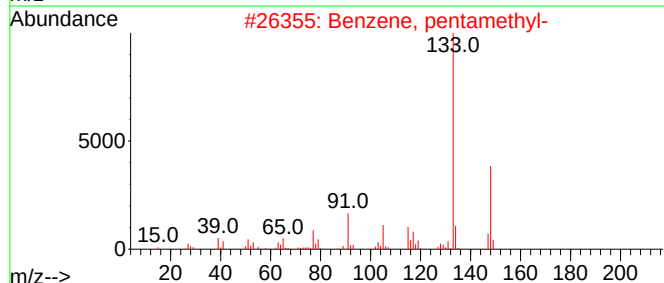
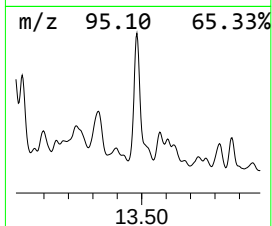
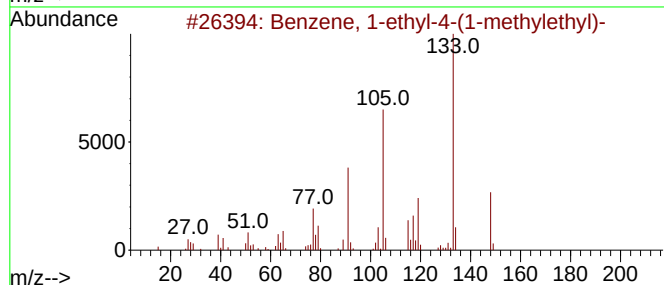
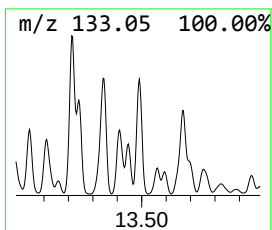
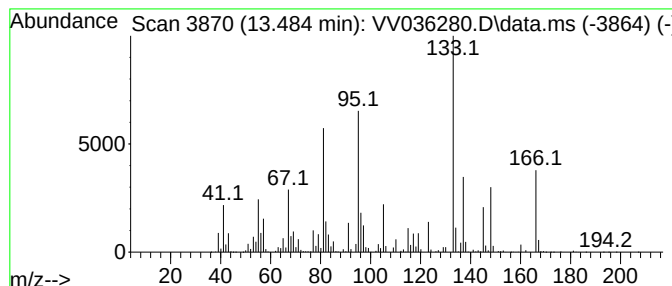
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 77 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.484	62.05 ug/L	11693800	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	45
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	43
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

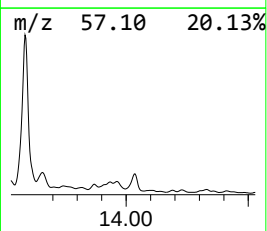
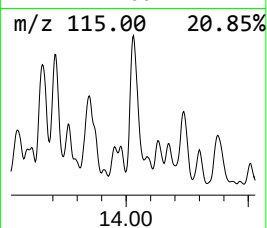
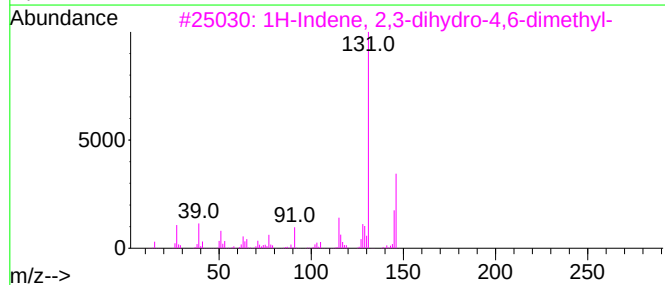
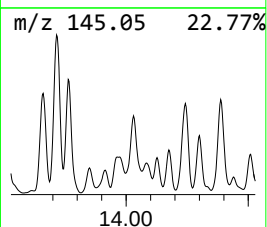
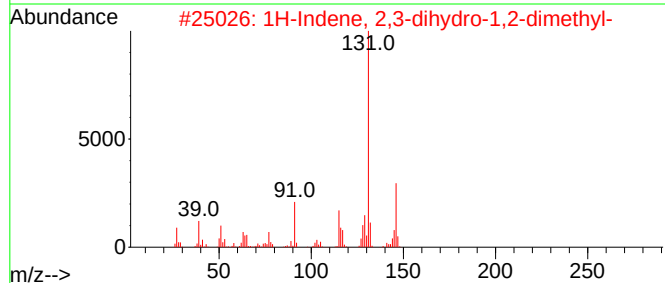
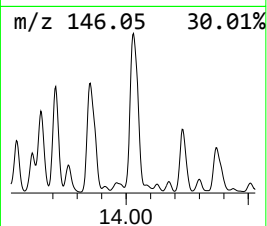
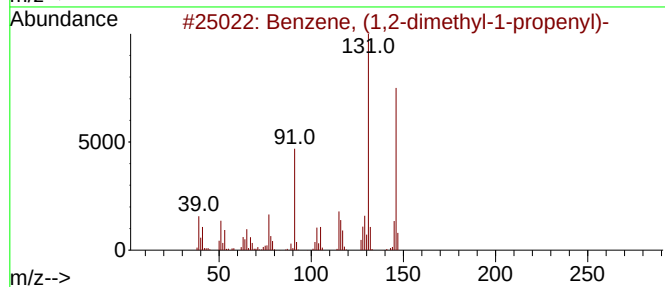
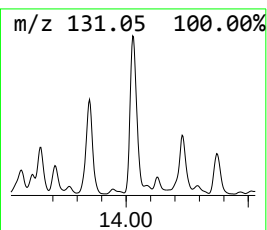
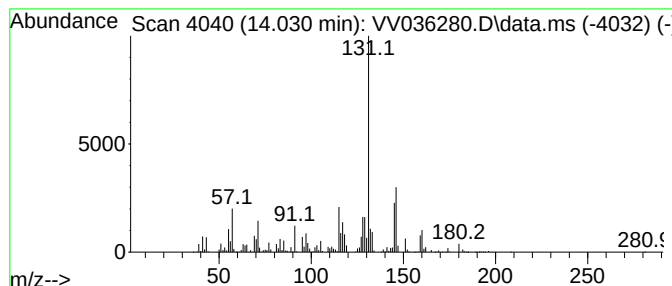
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 78 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	37.22 ug/L	7013600	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	76
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	74
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036280.D
Acq On : 25 Jun 2024 19:05
Operator : SY/MD
Sample : P2962-15
Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT89

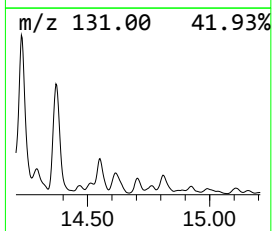
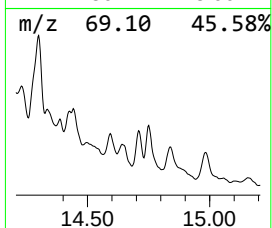
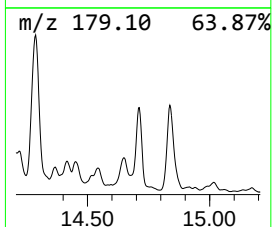
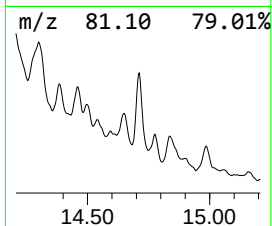
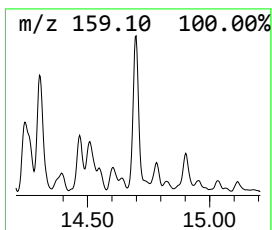
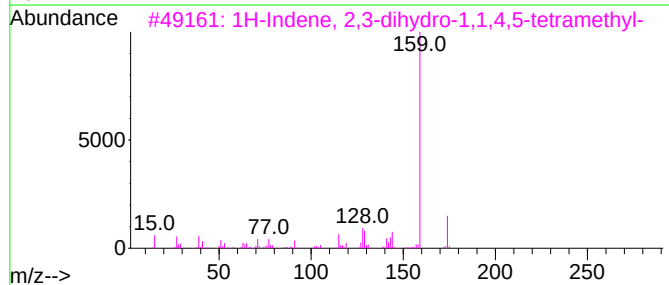
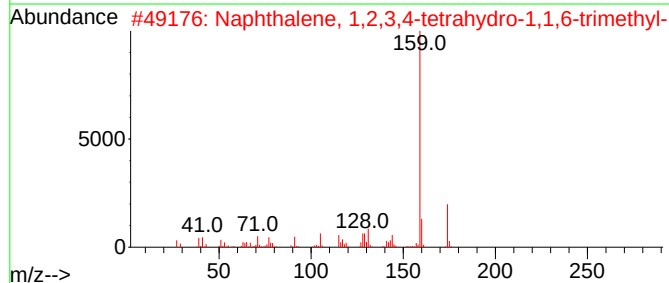
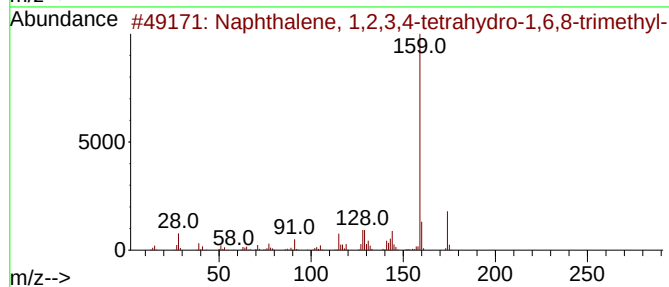
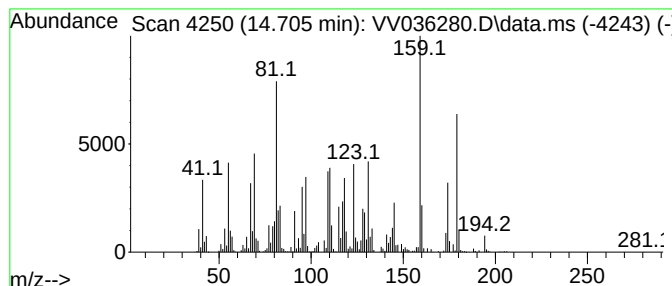
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 79 Naphthalene, 1,2,3,4-tetra... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.706	6.22 ug/L	1172300	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	70
3			1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	64
4			1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	64
5			1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036280.D
 Acq On : 25 Jun 2024 19:05
 Operator : SY/MD
 Sample : P2962-15
 Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--				
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: S...	4.568	36.3	ug/L	2495170	1	5.532	1718020	25.0	
(DEL) Alkane: S...	4.667	24.6	ug/L	1688350	1	5.532	1718020	25.0	
(DEL) Alkane: S...	4.812	98.5	ug/L	6765230	1	5.532	1718020	25.0	
(DEL) Alkane: C...	5.085	20.0	ug/L	1375810	1	5.532	1718020	25.0	
(DEL) Alkane: S...	5.400	41.8	ug/L	2871880	1	5.532	1718020	25.0	
(DEL) Alkane: S...	5.905	16.0	ug/L	1097580	1	5.532	1718020	25.0	
(DEL) Alkane: S...	6.117	47.5	ug/L	3267510	1	5.532	1718020	25.0	
(DEL) Alkane: S...	6.175	66.2	ug/L	4548430	1	5.532	1718020	25.0	
(DEL) Alkane: C...	6.378	57.3	ug/L	3935820	1	5.532	1718020	25.0	
(DEL) Alkane: C...	6.551	36.0	ug/L	2476170	1	5.532	1718020	25.0	
(DEL) Alkane: S...	6.760	38.4	ug/L	2635860	1	5.532	1718020	25.0	
(DEL) Alkane: S...	6.844	65.7	ug/L	4511620	1	5.532	1718020	25.0	
(DEL) Alkane: S...	6.883	98.0	ug/L	6736110	1	5.532	1718020	25.0	
(DEL) Alkane: S...	7.008	159.8	ug/L	10979900	1	5.532	1718020	25.0	
(DEL) Alkane: C...	7.188	191.1	ug/L	15577500	2	8.783	2038310	25.0	
(DEL) Alkane: C...	7.368	46.5	ug/L	3794080	2	8.783	2038310	25.0	
(DEL) Alkane: S...	7.497	85.9	ug/L	7002170	2	8.783	2038310	25.0	
(DEL) Alkane: C...	7.715	60.4	ug/L	4923580	2	8.783	2038310	25.0	
(DEL) Alkane: S...	7.838	16.0	ug/L	1307990	2	8.783	2038310	25.0	
(DEL) Alkane: S...	7.908	37.5	ug/L	3061770	2	8.783	2038310	25.0	
(DEL) Alkane: S...	8.143	131.5	ug/L	10724600	2	8.783	2038310	25.0	
(DEL) Alkane: C...	8.220	83.6	ug/L	6813540	2	8.783	2038310	25.0	
(DEL) Alkane: C...	8.281	85.7	ug/L	6985990	2	8.783	2038310	25.0	
(DEL) Alkane: S...	8.439	21.1	ug/L	1715860	2	8.783	2038310	25.0	
(DEL) Alkane: C...	8.522	107.7	ug/L	8780780	2	8.783	2038310	25.0	
(DEL) Alkane: S...	8.603	129.6	ug/L	10568700	2	8.783	2038310	25.0	
(DEL) Alkane: S...	8.725	116.2	ug/L	9473700	2	8.783	2038310	25.0	
Pentalene, octa...	8.863	21.4	ug/L	1742550	2	8.783	2038310	25.0	
(DEL) Alkane: C...	8.924	28.0	ug/L	2281800	2	8.783	2038310	25.0	
(DEL) Alkane: C...	9.040	59.2	ug/L	4824650	2	8.783	2038310	25.0	
(DEL) Alkane: C...	9.088	98.1	ug/L	7998700	2	8.783	2038310	25.0	
(DEL) Alkane: S...	9.137	155.4	ug/L	12671300	2	8.783	2038310	25.0	
(DEL) Alkane: C...	9.249	32.9	ug/L	2678570	2	8.783	2038310	25.0	
(DEL) Alkane: S...	9.349	11.9	ug/L	968243	2	8.783	2038310	25.0	
(DEL) Alkane: C...	9.410	158.4	ug/L	12911200	2	8.783	2038310	25.0	
(DEL) Alkane: C...	9.487	16.4	ug/L	1333520	2	8.783	2038310	25.0	
(DEL) Alkane: S...	9.516	55.7	ug/L	4540840	2	8.783	2038310	25.0	
2(3H)-Furanone,...	9.567	16.6	ug/L	1352570	2	8.783	2038310	25.0	
(DEL) Alkane: C...	9.612	37.5	ug/L	3055320	2	8.783	2038310	25.0	
(DEL) Alkane: S...	9.648	169.1	ug/L	13789200	2	8.783	2038310	25.0	
(DEL) Alkane: C...	9.735	215.2	ug/L	17544100	2	8.783	2038310	25.0	
(DEL) Alkane: S...	9.789	77.8	ug/L	6345760	2	8.783	2038310	25.0	
(DEL) Alkane: S...	9.956	88.9	ug/L	7247380	2	8.783	2038310	25.0	
(DEL) Alkane: S...	10.027	60.4	ug/L	11374800	3	11.185	4711140	25.0	
unknown-01	10.056	45.8	ug/L	8630820	3	11.185	4711140	25.0	
Benzene, propyl-	10.288	7.9	ug/L	1488610	3	11.185	4711140	25.0	
(DEL) Alkane: C...	10.333	18.2	ug/L	3430770	3	11.185	4711140	25.0	
unknown-02	10.387	28.9	ug/L	5444920	3	11.185	4711140	25.0	
(DEL) Alkane: C...	10.622	13.3	ug/L	2500990	3	11.185	4711140	25.0	
Benzene, 1-ethy...	10.670	36.9	ug/L	6957830	3	11.185	4711140	25.0	
(DEL) Alkane: S...	10.979	43.1	ug/L	8128640	3	11.185	4711140	25.0	
(DEL) Alkane: C...	11.095	57.1	ug/L	10764600	3	11.185	4711140	25.0	

(DEL) Alkane: S...	11.239	41.2	ug/L	7759430	3	11.185	4711140	25.0
(DEL) Alkane: S...	11.281	41.4	ug/L	7808510	3	11.185	4711140	25.0
(DEL) Alkane: S...	11.320	56.4	ug/L	10635400	3	11.185	4711140	25.0
(DEL) Alkane: S...	11.410	72.8	ug/L	13714900	3	11.185	4711140	25.0
Benzene, 1,3-di...	11.487	17.6	ug/L	3319700	3	11.185	4711140	25.0
Benzene, 1-meth...	11.760	30.9	ug/L	5830690	3	11.185	4711140	25.0
unknown-03	11.882	124.1	ug/L	23394400	3	11.185	4711140	25.0
Benzene, 1-ethy...	11.953	156.5	ug/L	29495800	3	11.185	4711140	25.0
(DEL) Alkane: S...	12.075	125.7	ug/L	23688400	3	11.185	4711140	25.0
Naphthalene, de...	12.201	138.1	ug/L	26024700	3	11.185	4711140	25.0
(DEL) Alkane: C...	12.317	189.9	ug/L	35784600	3	11.185	4711140	25.0
Benzene, 1,2,4,...	12.358	121.3	ug/L	22860300	3	11.185	4711140	25.0
Benzene, 1,2,3,...	12.413	202.3	ug/L	38122500	3	11.185	4711140	25.0
Benzene, 1,3-di...	12.493	31.3	ug/L	5905030	3	11.185	4711140	25.0
(DEL) Alkane: S...	12.538	61.7	ug/L	11622000	3	11.185	4711140	25.0
Benzene, 1,3-di...	12.587	46.5	ug/L	8770400	3	11.185	4711140	25.0
Benzene, (2-met...	12.667	67.6	ug/L	12732600	3	11.185	4711140	25.0
unknown-04	12.744	62.3	ug/L	11739200	3	11.185	4711140	25.0
Benzene, 1-meth...	12.825	118.0	ug/L	22231400	3	11.185	4711140	25.0
Benzene, 1-meth...	12.944	17.4	ug/L	3269340	3	11.185	4711140	25.0
(DEL) Alkane: S...	12.992	317.4	ug/L	59817100	3	11.185	4711140	25.0
1H-Indene, 2,3-...	13.156	39.0	ug/L	7342030	3	11.185	4711140	25.0
Benzene, (2-chl...	13.210	70.2	ug/L	13219900	3	11.185	4711140	25.0
1H-Indene, 2,3-...	13.426	104.7	ug/L	19723600	3	11.185	4711140	25.0
Benzene, 1-ethy...	13.484	62.0	ug/L	11693800	3	11.185	4711140	25.0
Benzene, (1,2-d...	14.030	37.2	ug/L	7013600	3	11.185	4711140	25.0
Naphthalene, 1,...	14.706	6.2	ug/L	1172300	3	11.185	4711140	25.0

Instrument :

MSVOA_V

ClientSampleId :

C0T89