

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036653.D
 Acq On : 23 Jul 2024 17:49
 Operator : SY/MD
 Sample : P3276-11
 Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J0

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\SFAMVLM072224SMA.M
 Title : VOC Analysis

Signal : TIC: VV036653.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	9	13	26	rVB2	24646	30107	0.78%	0.076%
2	1.185	40	45	49	rBV	30111	26281	0.68%	0.066%
3	1.211	49	53	60	rVV2	11154	12257	0.32%	0.031%
4	1.272	63	72	84	rVV2	157502	181945	4.71%	0.457%
5	1.356	92	98	113	rVB2	10069	19722	0.51%	0.049%
6	1.526	141	151	164	rVV	112084	139240	3.61%	0.349%
7	1.590	165	171	182	rVB3	13370	17407	0.45%	0.044%
8	1.757	217	223	235	rVB3	15154	21806	0.57%	0.055%
9	1.970	283	289	296	rVB5	3882	5864	0.15%	0.015%
10	2.050	303	314	331	rVB	206760	305089	7.91%	0.766%
11	2.230	362	370	388	rVB	21590	35999	0.93%	0.090%
12	2.442	425	436	451	rBV3	30721	63803	1.65%	0.160%
13	2.690	501	513	529	rBV2	31421	59431	1.54%	0.149%
14	2.889	565	575	587	rVV8	4846	12148	0.31%	0.030%
15	2.960	587	597	620	rVB4	6617	14739	0.38%	0.037%
16	3.661	803	815	827	rBV6	3371	8306	0.22%	0.021%
17	3.822	852	865	908	rBV4	43588	173951	4.51%	0.436%
18	4.243	979	996	1027	rBV	212932	561215	14.54%	1.408%
19	4.577	1087	1100	1115	rVB7	6147	14414	0.37%	0.036%
20	4.812	1161	1173	1196	rVB6	4156	11743	0.30%	0.029%
21	4.950	1201	1216	1252	rBV2	392897	1044109	27.06%	2.620%
22	5.240	1297	1306	1315	rVB9	3037	6296	0.16%	0.016%
23	5.410	1347	1359	1375	rBV6	7122	17181	0.45%	0.043%
24	5.529	1384	1396	1427	rBV	499872	1047581	27.15%	2.629%
25	5.831	1466	1490	1522	rBV2	159870	364759	9.45%	0.915%
26	5.986	1526	1538	1553	rBV	251946	533010	13.81%	1.337%
27	6.114	1570	1578	1588	rVB9	3397	6409	0.17%	0.016%
28	6.175	1588	1597	1608	rVB10	2719	6346	0.16%	0.016%
29	6.387	1651	1663	1669	rVV9	2457	4961	0.13%	0.012%
30	6.548	1706	1713	1727	rBV8	2416	5160	0.13%	0.013%
31	6.764	1770	1780	1787	rBV7	2747	5883	0.15%	0.015%
32	6.847	1797	1806	1813	rVV3	9661	17517	0.45%	0.044%
33	6.912	1816	1826	1848	rVV	110792	220851	5.72%	0.554%
34	7.011	1850	1857	1874	rVB8	10334	24429	0.63%	0.061%
35	7.188	1901	1912	1918	rVV2	12575	23739	0.62%	0.060%
36	7.240	1918	1928	1953	rVB	370053	667122	17.29%	1.674%

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Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Title : VOC Analysis

37	7.497	1999	2008	2018	rBV2	28325	45174	1.17%	0.113%
38	7.555	2018	2026	2055	rVB	64698	146622	3.80%	0.368%
39	7.715	2067	2076	2088	rVB4	5498	10883	0.28%	0.027%
40	7.908	2119	2136	2152	rVB3	25621	53751	1.39%	0.135%
41	8.030	2159	2174	2200	rBV	119206	275510	7.14%	0.691%
42	8.140	2200	2208	2209	rBV4	9779	10853	0.28%	0.027%
43	8.217	2222	2232	2242	rVB3	24589	41562	1.08%	0.104%
44	8.278	2242	2251	2261	rBV	30444	54574	1.41%	0.137%
45	8.439	2291	2301	2310	rVB6	11375	20492	0.53%	0.051%
46	8.522	2311	2327	2343	rBV4	33661	97647	2.53%	0.245%
47	8.600	2343	2351	2362	rVB2	55330	93252	2.42%	0.234%
48	8.722	2376	2389	2398	rBV	71476	120716	3.13%	0.303%
49	8.780	2398	2407	2425	rBV	706398	1169897	30.31%	2.936%
50	8.921	2442	2451	2468	rBV5	29180	73710	1.91%	0.185%
51	8.989	2468	2472	2474	rVV4	9742	9879	0.26%	0.025%
52	9.037	2476	2487	2494	rVV4	70786	156755	4.06%	0.393%
53	9.085	2494	2502	2509	rVV	159177	277405	7.19%	0.696%
54	9.137	2509	2518	2542	rVB3	753923	1200723	31.11%	3.013%
55	9.249	2542	2553	2564	rBV4	60602	106626	2.76%	0.268%
56	9.349	2574	2584	2586	rBV3	27154	37294	0.97%	0.094%
57	9.407	2587	2602	2611	rVV4	226010	458682	11.89%	1.151%
58	9.484	2620	2626	2627	rBV3	37226	33890	0.88%	0.085%
59	9.513	2628	2635	2646	rVV	99317	161139	4.18%	0.404%
60	9.609	2657	2665	2667	rBV3	110854	139396	3.61%	0.350%
61	9.645	2668	2676	2686	rVV2	611771	1009787	26.17%	2.534%
62	9.731	2689	2703	2713	rVV3	476975	1064070	27.57%	2.670%
63	9.783	2713	2719	2730	rVV	317148	536765	13.91%	1.347%
64	9.844	2730	2738	2750	rVV5	108945	216147	5.60%	0.542%
65	9.908	2750	2758	2764	rVV3	121005	188968	4.90%	0.474%
66	9.953	2765	2772	2780	rVV3	251612	423374	10.97%	1.062%
67	10.021	2781	2793	2798	rVV2	434124	815598	21.13%	2.047%
68	10.053	2798	2803	2814	rVB2	459549	673530	17.45%	1.690%
69	10.156	2816	2835	2852	rBV7	833647	2068999	53.61%	5.192%
70	10.326	2878	2888	2898	rBV5	173714	396265	10.27%	0.994%
71	10.384	2899	2906	2915	rVV6	192258	338737	8.78%	0.850%
72	10.445	2915	2925	2933	rVV	532961	910446	23.59%	2.285%
73	10.516	2936	2947	2967	rVB	2411764	3859137	100.00%	9.683%
74	10.661	2986	2992	2999	rBV5	104839	159410	4.13%	0.400%
75	10.815	3032	3040	3049	rBV	870224	1278289	33.12%	3.208%
76	10.969	3083	3088	3094	rBV3	123620	167819	4.35%	0.421%

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 Title : VOC Analysis

77	11.034	3103	3108	3116	rVB4	266798	350598	9.08%	0.880%
78	11.088	3117	3125	3134	rBV3	444603	679896	17.62%	1.706%
79	11.181	3147	3154	3164	rBV	637619	1059190	27.45%	2.658%
80	11.275	3178	3183	3188	rBV	114508	125671	3.26%	0.315%
81	11.310	3188	3194	3204	rVB2	283481	393551	10.20%	0.988%
82	11.400	3216	3222	3232	rVB	254916	363070	9.41%	0.911%
83	11.558	3258	3271	3299	rBV4	543718	1469227	38.07%	3.687%
84	11.728	3317	3324	3340	rVB	1015102	1565426	40.56%	3.928%
85	12.304	3495	3503	3510	rVB2	243260	438314	11.36%	1.100%
86	12.403	3527	3534	3541	rBV4	270638	405137	10.50%	1.017%
87	12.442	3542	3546	3554	rVB3	185825	232477	6.02%	0.583%
88	12.529	3567	3573	3581	rVB	140502	174325	4.52%	0.437%
89	12.738	3632	3638	3647	rVB5	82819	123459	3.20%	0.310%
90	12.825	3655	3665	3683	rVB2	1037298	1626076	42.14%	4.080%
91	12.979	3704	3713	3736	rVB3	510568	1060509	27.48%	2.661%
92	13.480	3864	3869	3887	rVB7	204279	401132	10.39%	1.007%
93	13.580	3889	3900	3911	rBV	424810	817489	21.18%	2.051%
94	13.837	3973	3980	3995	rVB	739204	1141324	29.57%	2.864%
95	14.593	4208	4215	4223	rBV	212414	315742	8.18%	0.792%
96	14.783	4268	4274	4282	rVB	275791	365279	9.47%	0.917%
97	15.522	4495	4504	4516	rVB	575869	924045	23.94%	2.319%
98	15.805	4584	4592	4600	rBV6	175719	338474	8.77%	0.849%
99	15.866	4604	4611	4622	rVB	433731	709885	18.39%	1.781%
100	16.728	4873	4879	4890	rVB	108219	158200	4.10%	0.397%

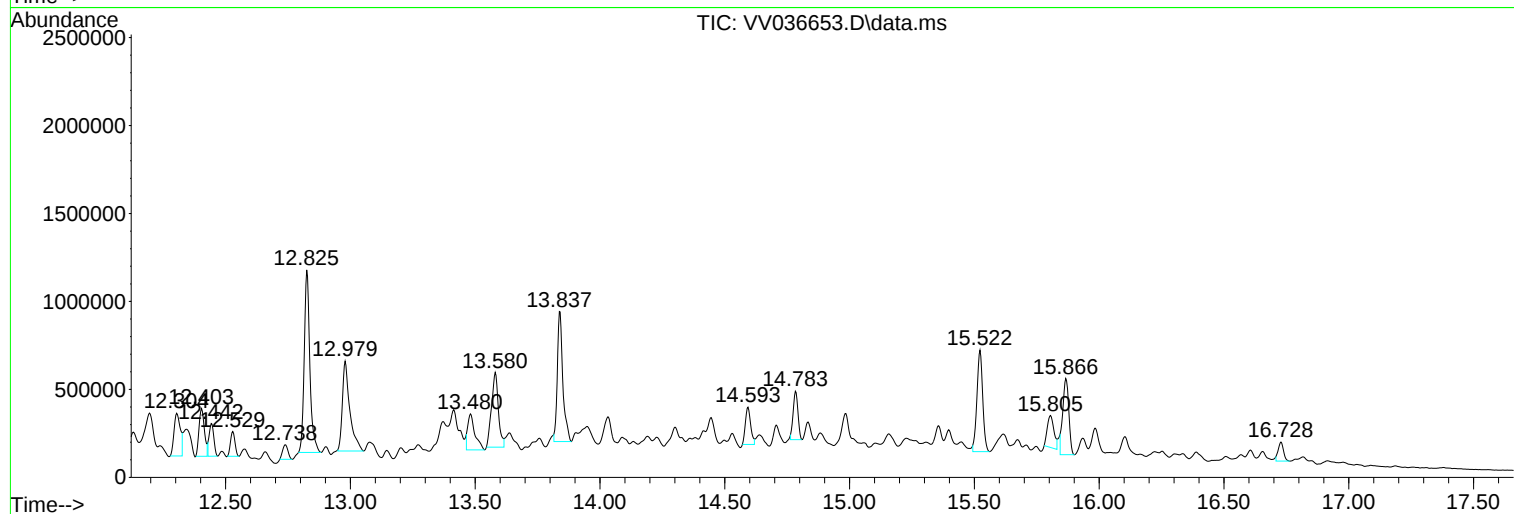
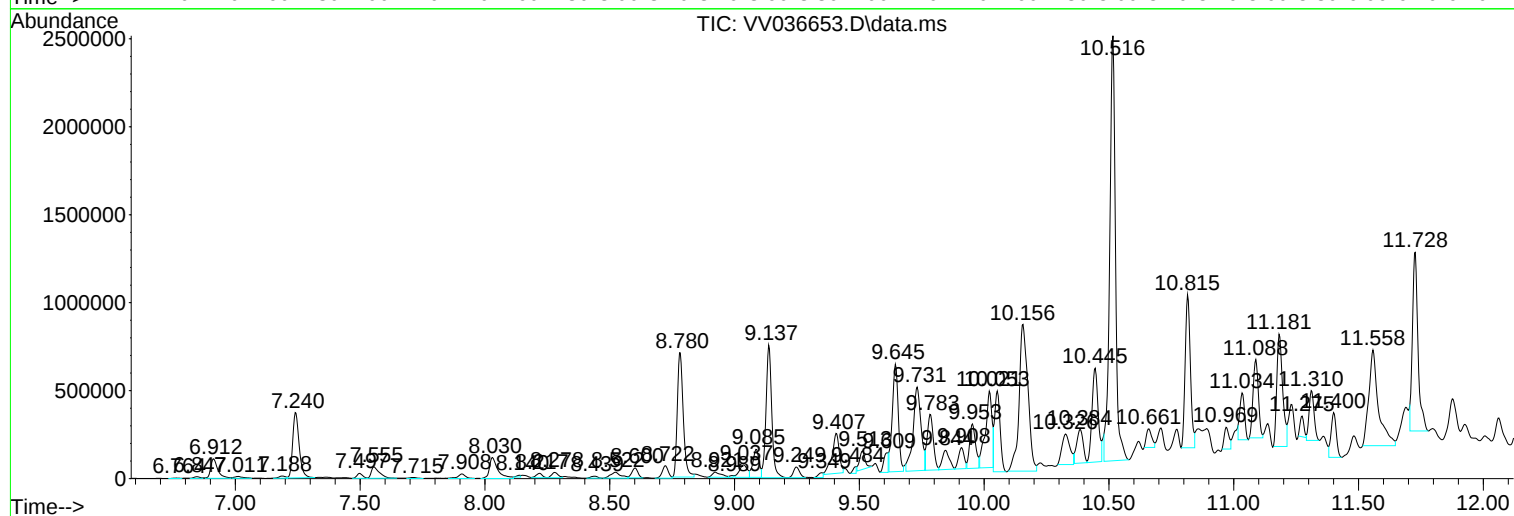
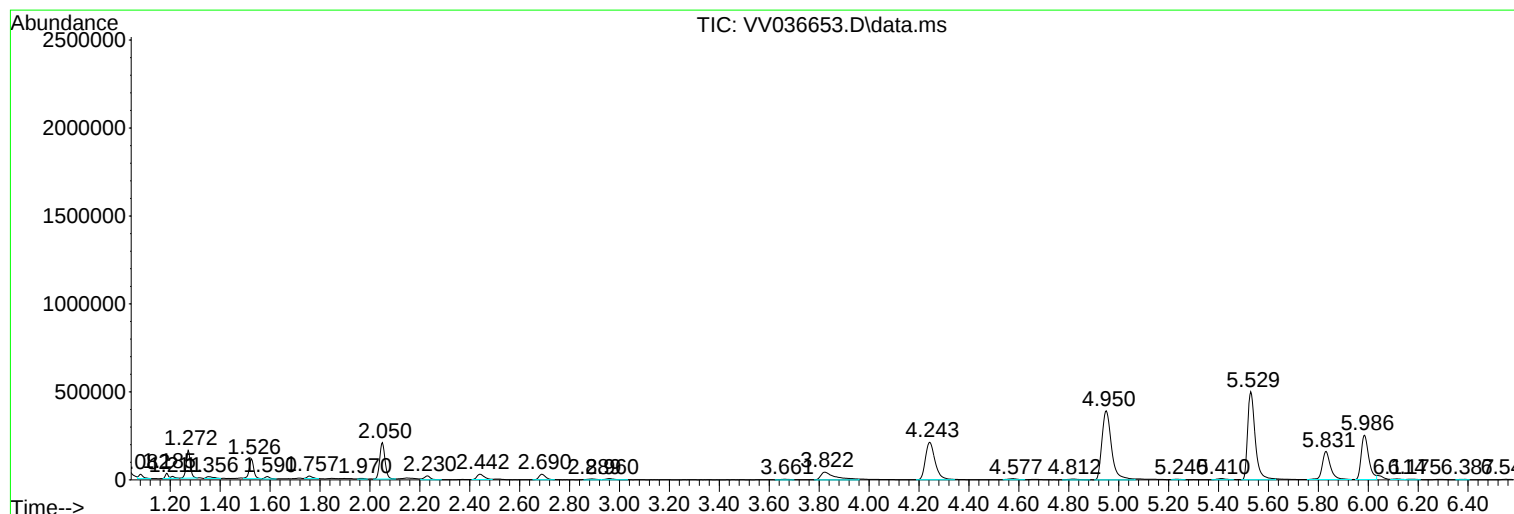
Sum of corrected areas: 39853089

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
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Instrument :
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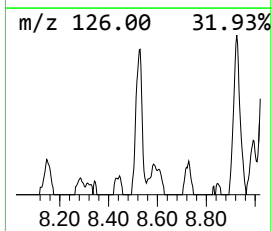
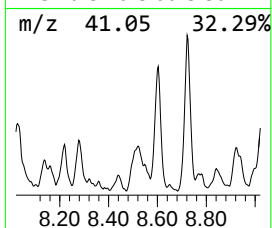
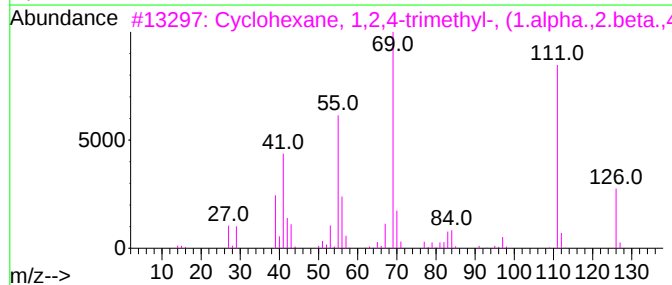
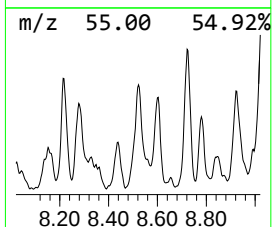
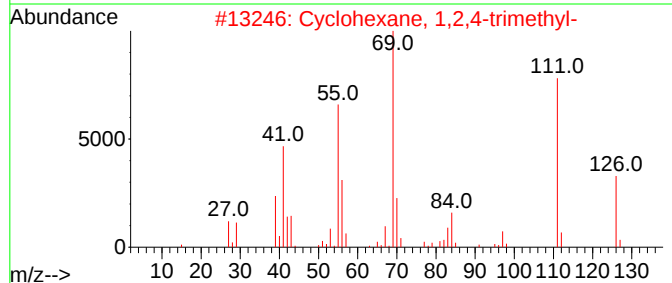
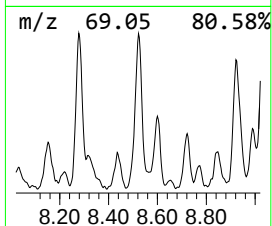
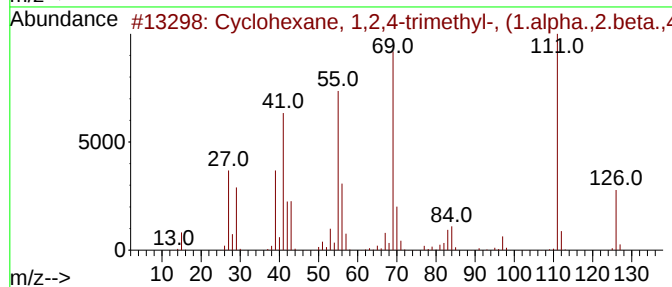
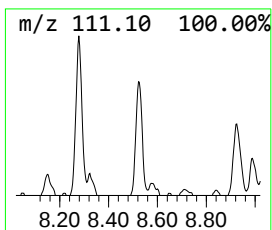
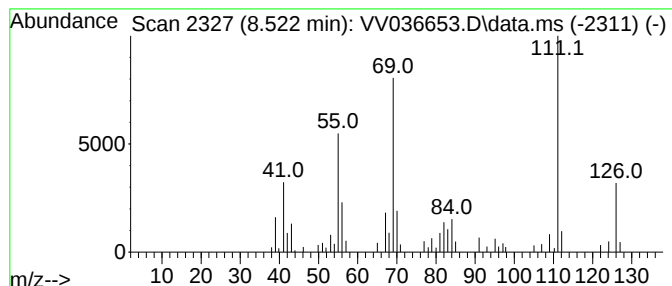
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic8.522 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	2.09 ug/L	97647	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	002234-75-5	91
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



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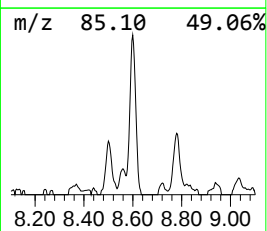
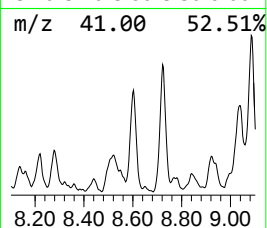
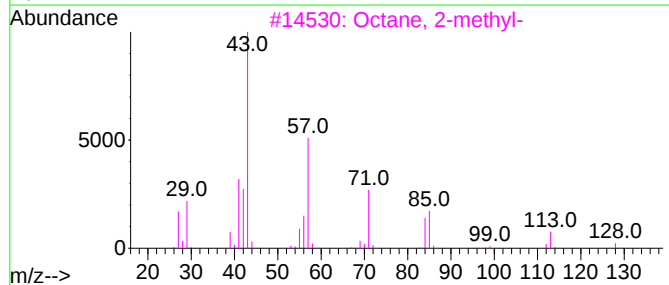
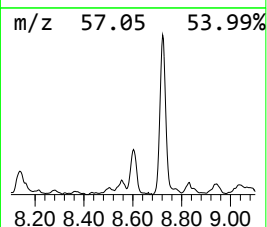
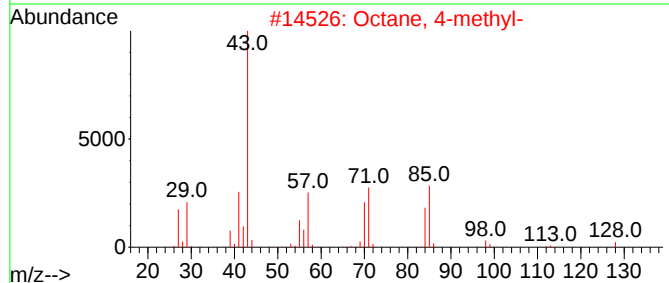
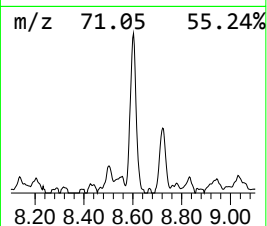
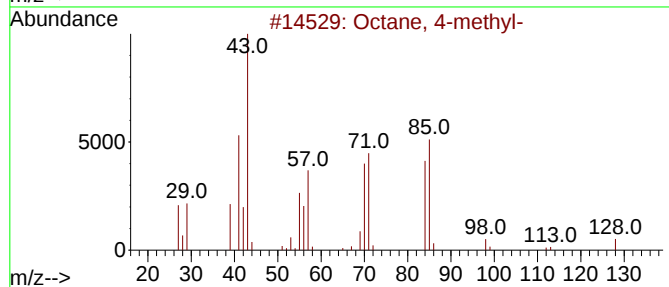
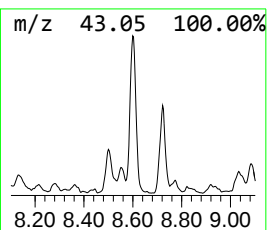
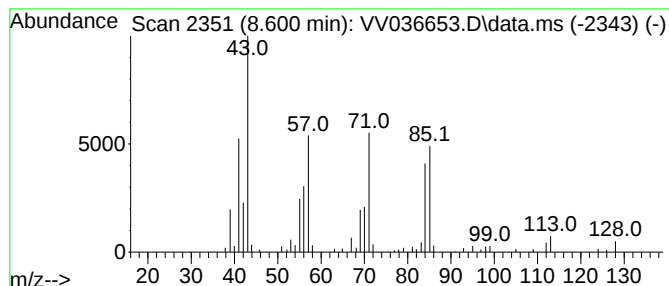
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.600	1.99 ug/L	93252	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-methyl-	128	C9H20	002216-34-4	83
2		Octane, 4-methyl-	128	C9H20	002216-34-4	72
3		Octane, 2-methyl-	128	C9H20	003221-61-2	64
4		Octane, 2-methyl-	128	C9H20	003221-61-2	58
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53



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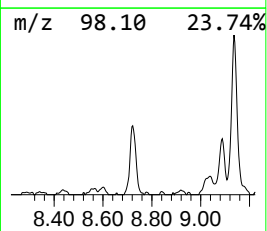
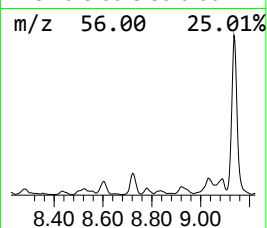
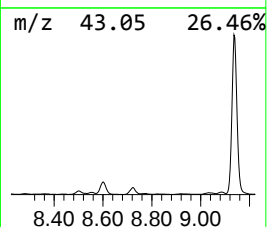
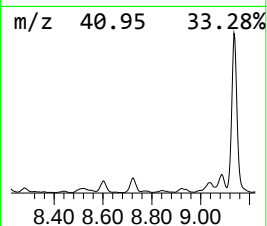
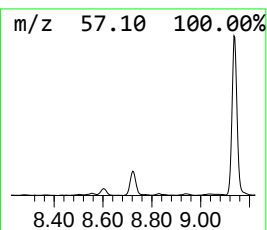
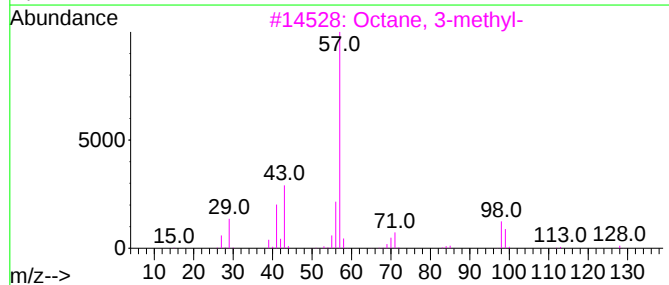
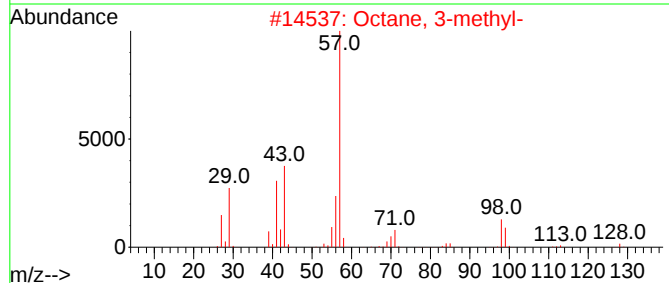
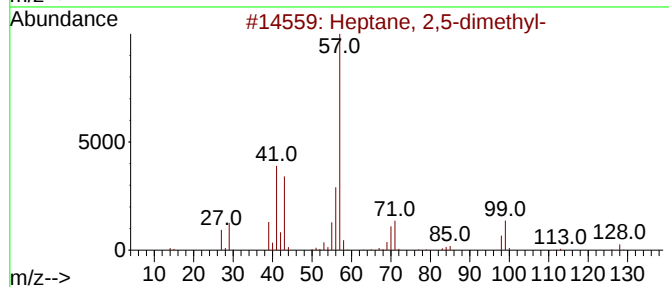
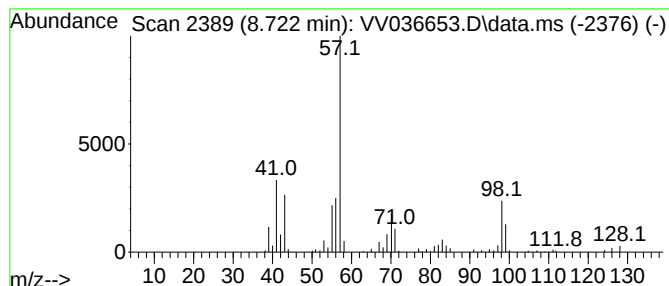
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	2.58 ug/L	120716	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
2		Octane, 3-methyl-	128	C9H20	002216-33-3	64
3		Octane, 3-methyl-	128	C9H20	002216-33-3	59
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

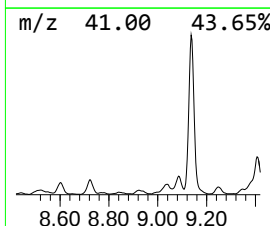
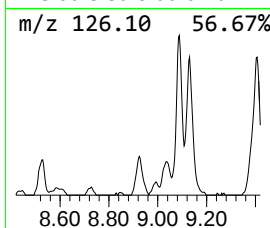
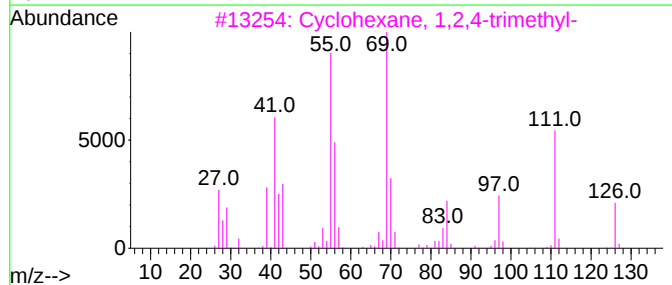
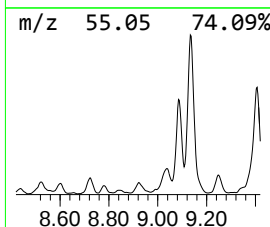
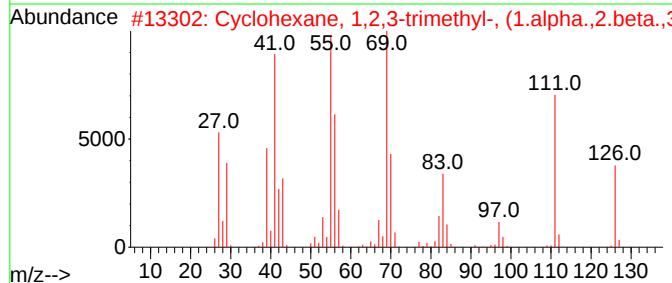
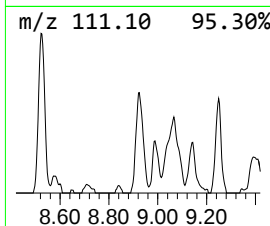
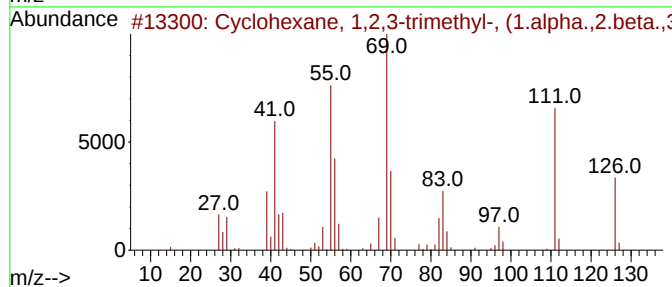
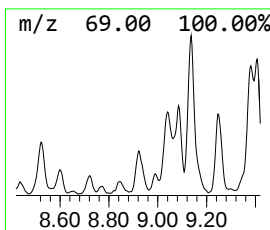
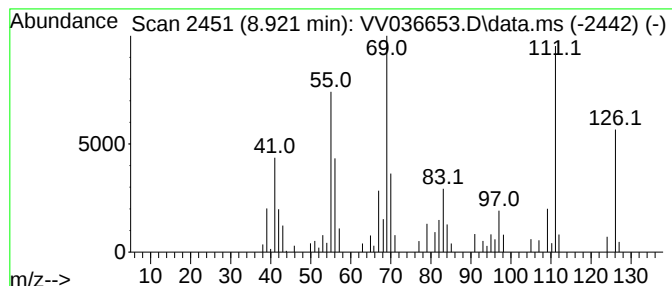
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic8.921 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.921	1.58 ug/L	73710	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	91
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

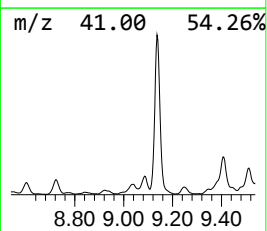
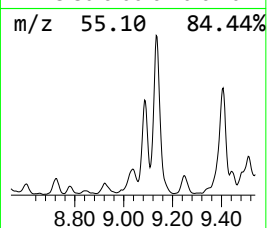
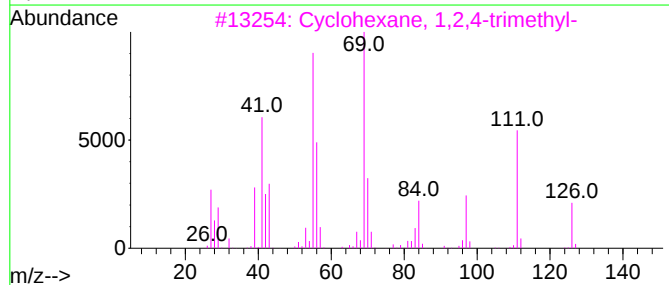
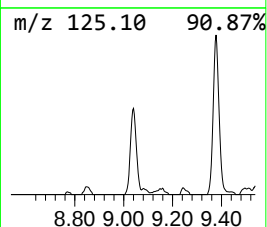
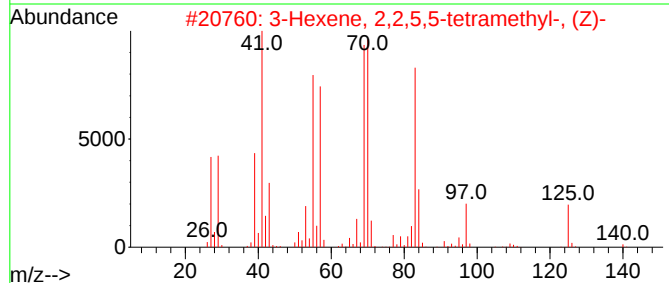
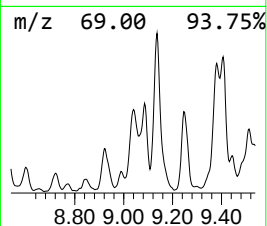
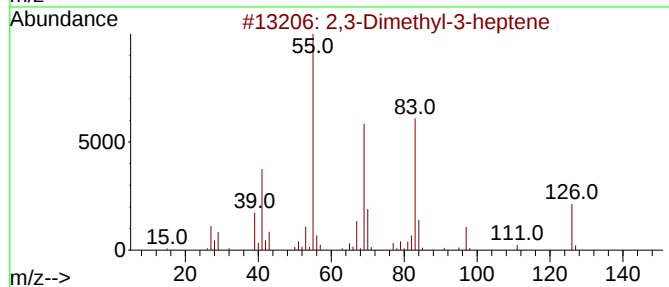
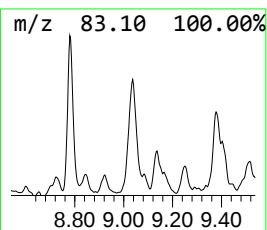
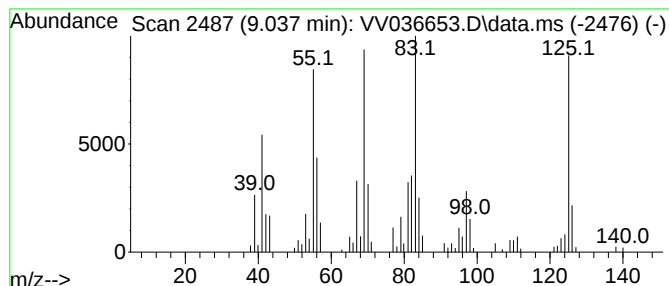
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	3.35 ug/L	156755	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	49
2		3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	49
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
4		Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	46
5		2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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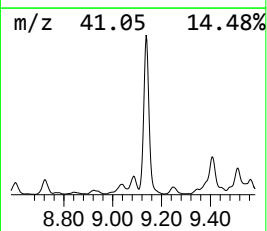
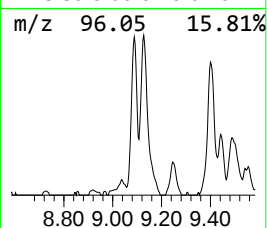
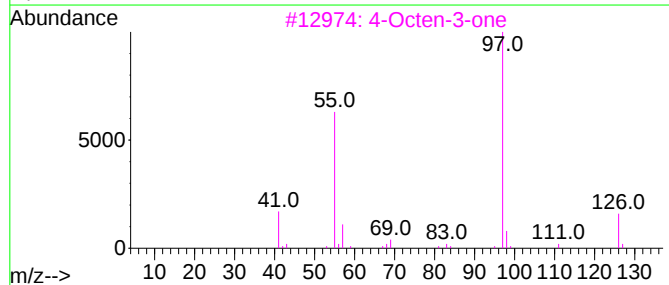
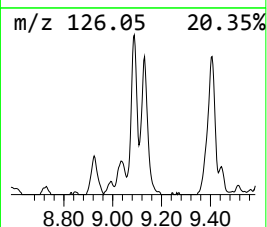
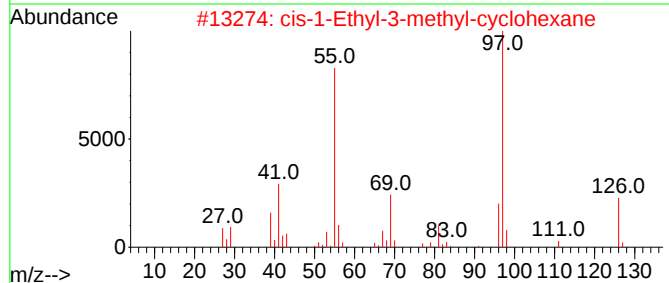
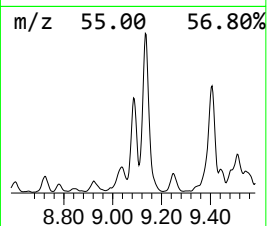
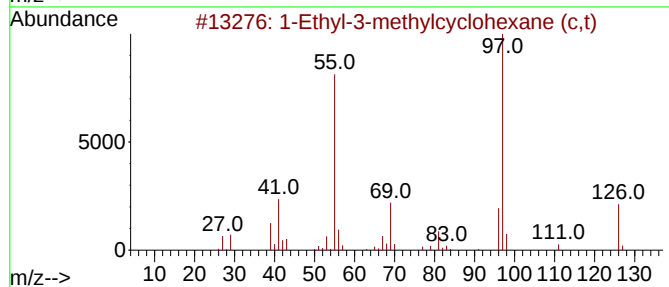
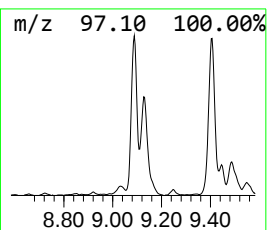
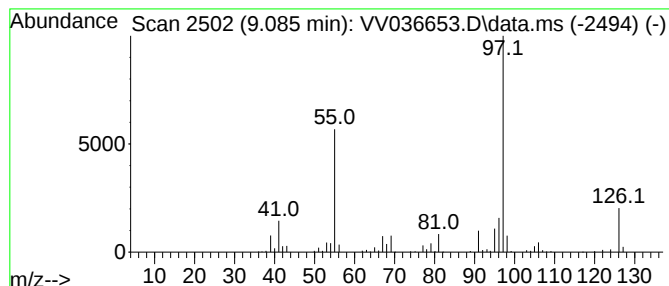
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic9.085 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.085	5.93 ug/L	277405	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	74
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
3		4-Octen-3-one	126	C8H14O	014129-48-7	64
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

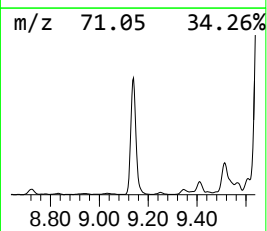
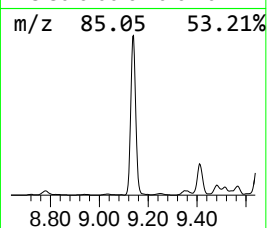
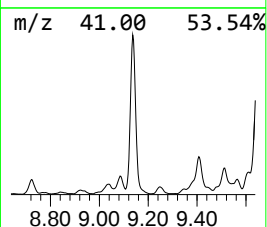
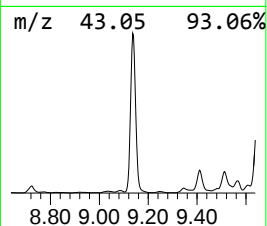
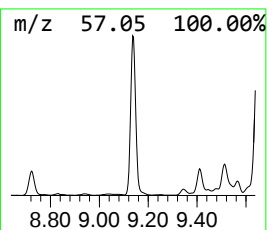
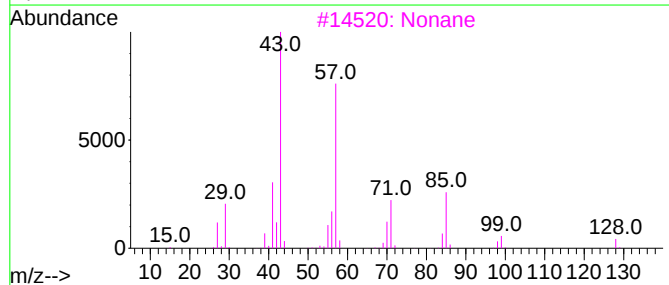
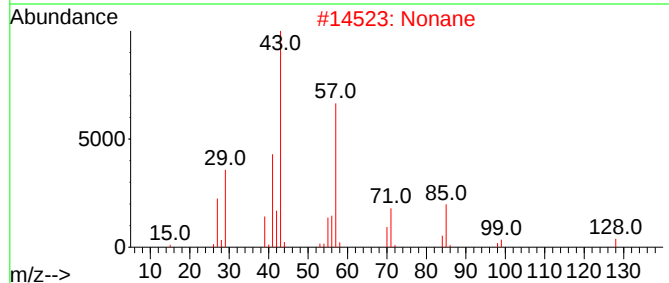
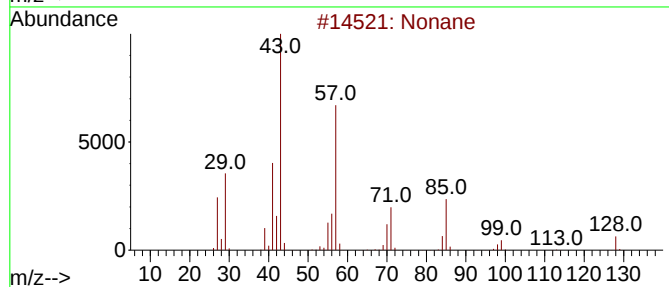
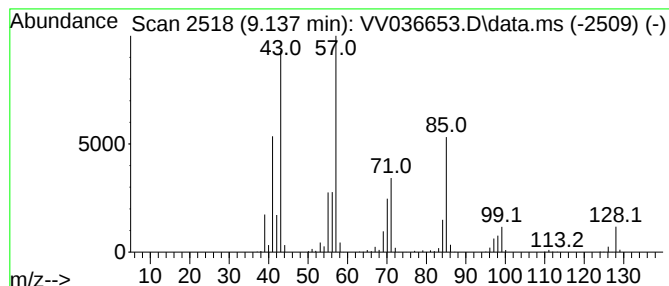
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.137	25.66 ug/L	1200720	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	95
2	Nonane			128	C9H20	000111-84-2	91
3	Nonane			128	C9H20	000111-84-2	91
4	Nonane			128	C9H20	000111-84-2	90
5	Octane			114	C8H18	000111-65-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

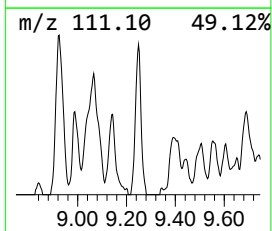
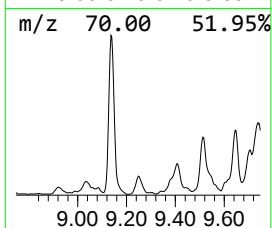
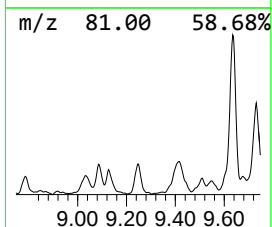
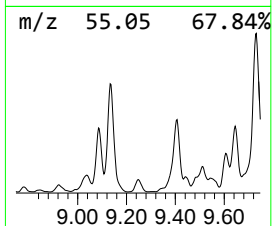
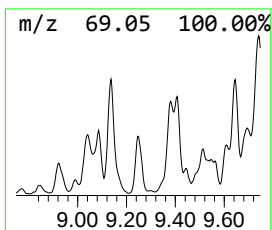
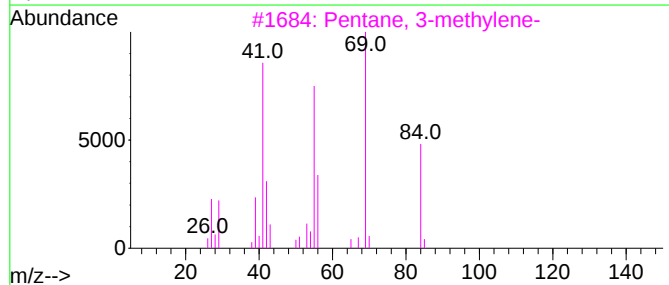
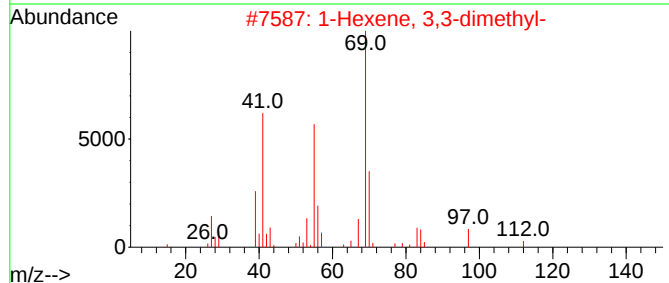
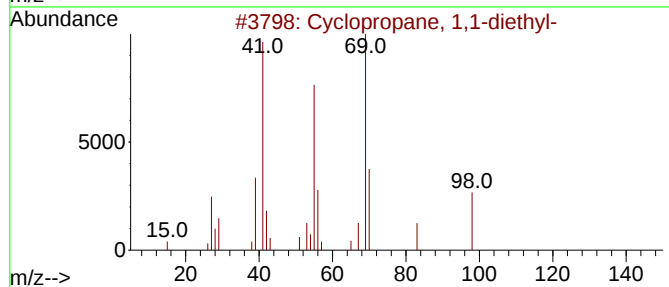
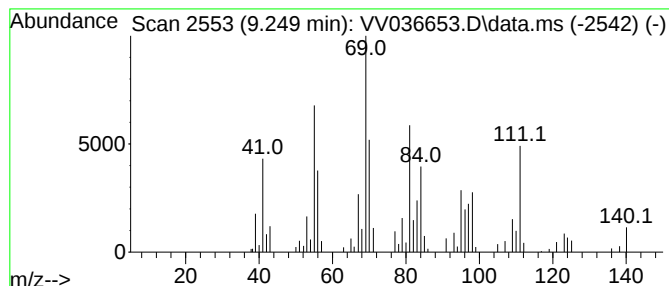
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic9.249 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.249	2.28 ug/L	106626	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
3			Pentane, 3-methylene-	84	C6H12	000760-21-4	30
4			Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	30
5			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

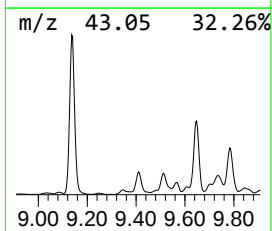
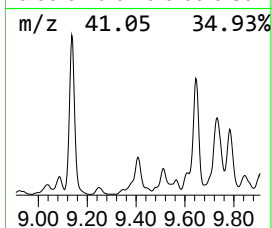
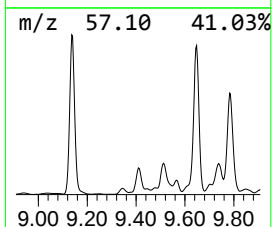
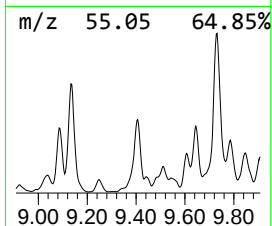
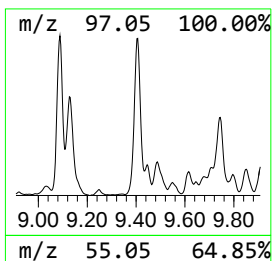
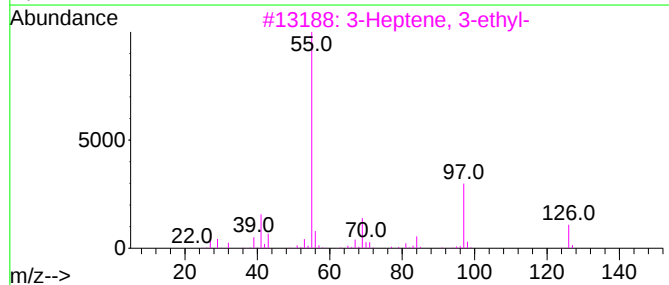
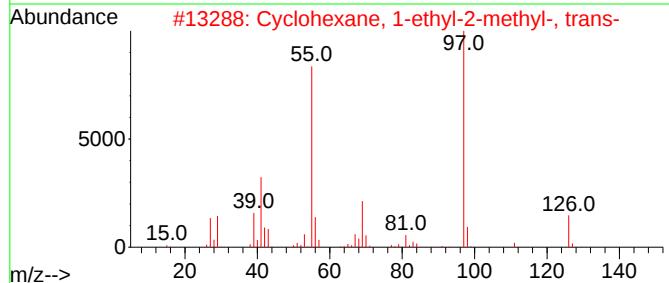
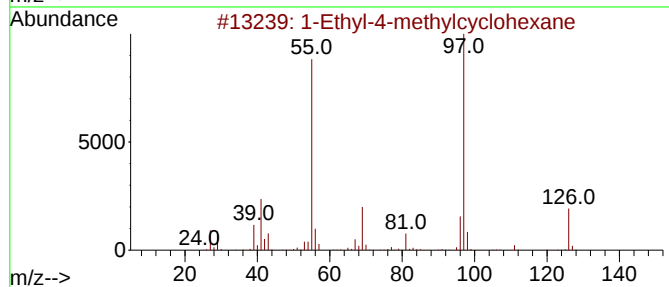
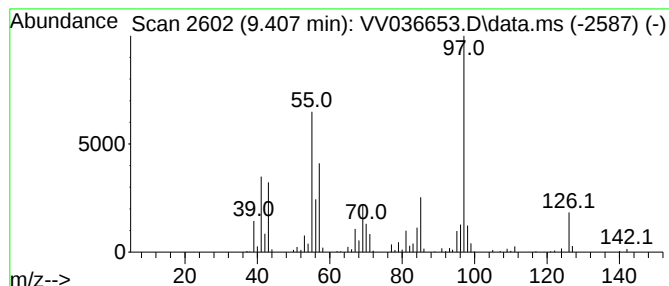
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic9.407 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.407	9.80 ug/L	458682	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	58
3			3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	52
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

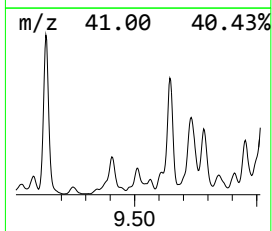
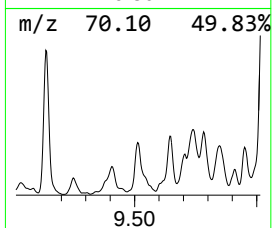
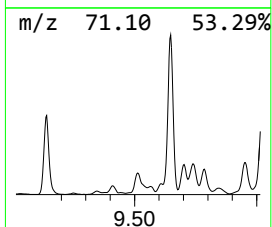
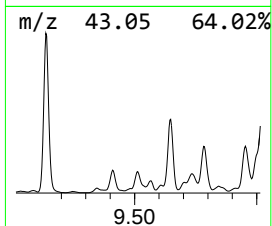
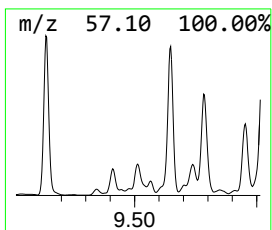
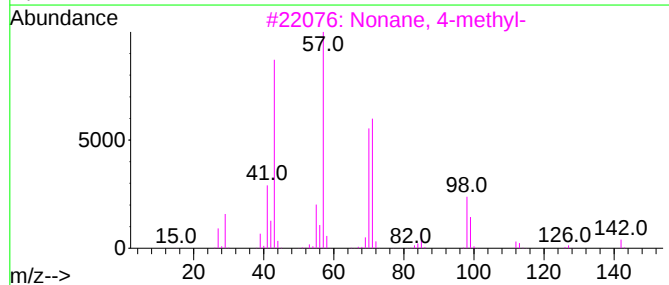
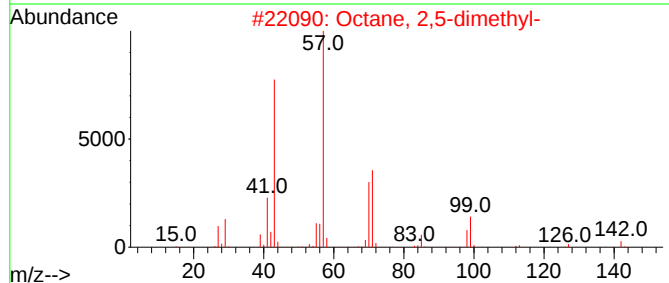
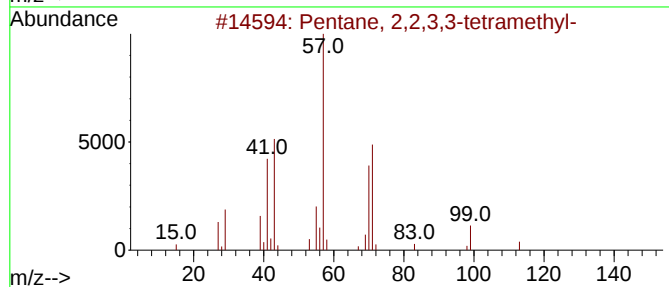
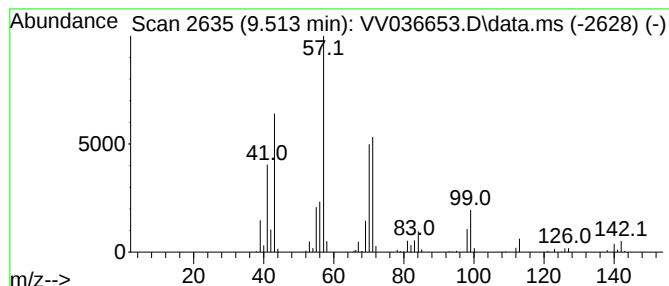
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	3.44 ug/L	161139	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	58
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

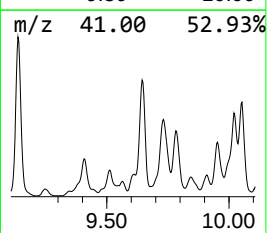
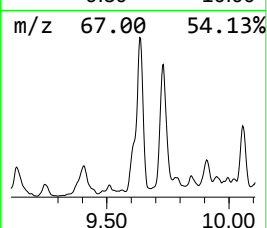
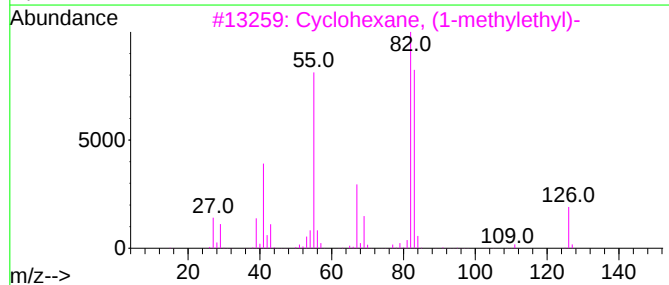
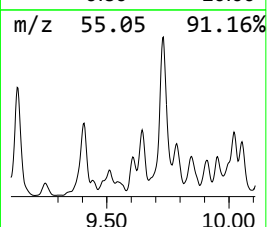
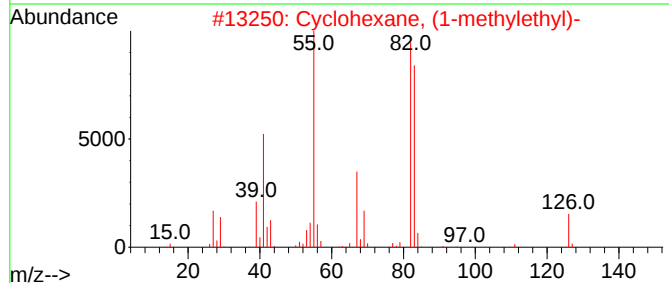
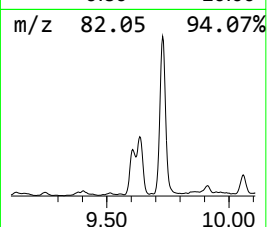
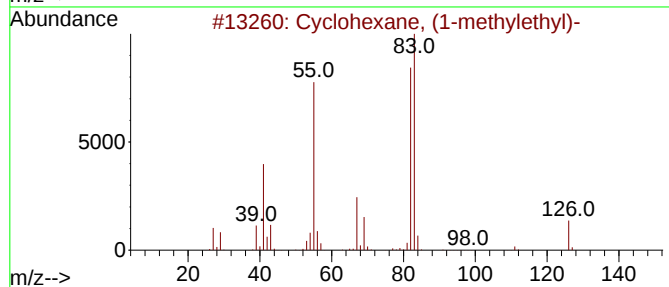
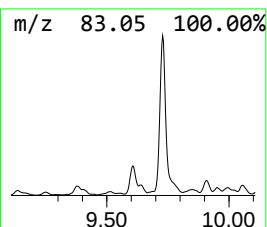
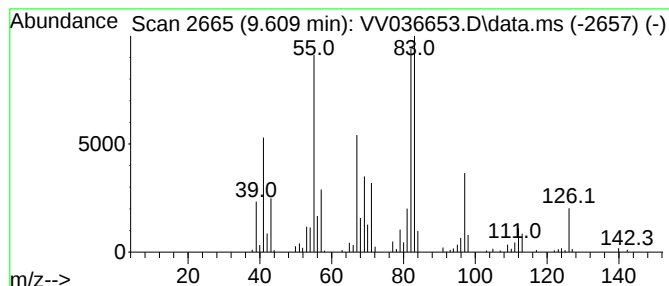
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic9.609 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.609	2.98 ug/L	139396	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	62
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

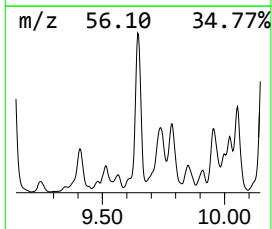
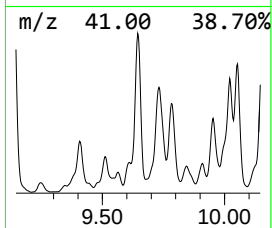
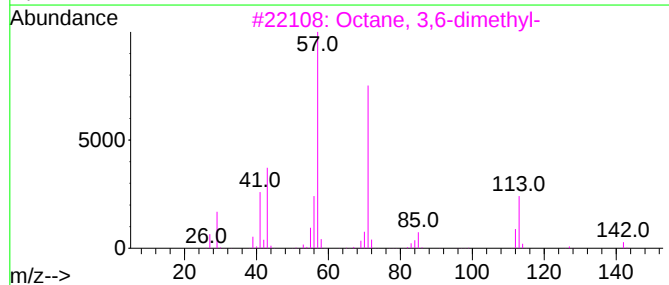
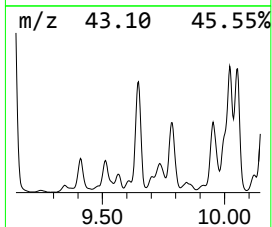
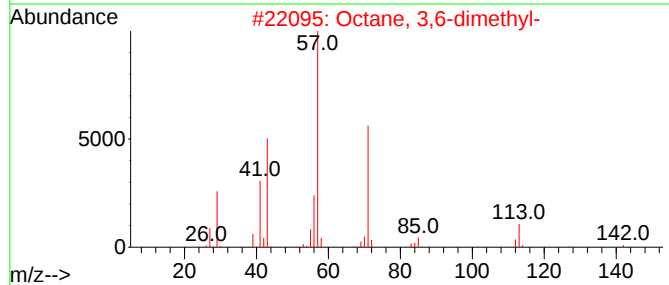
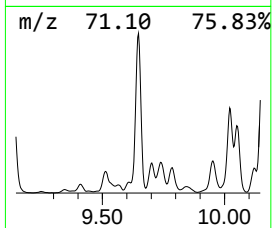
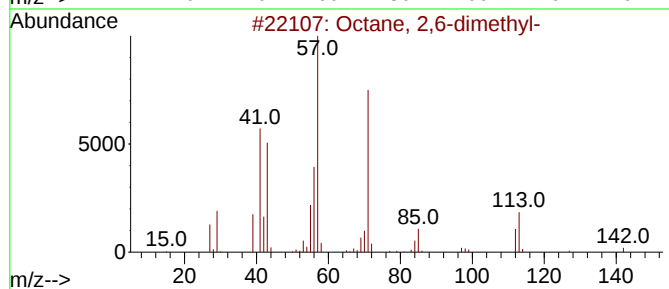
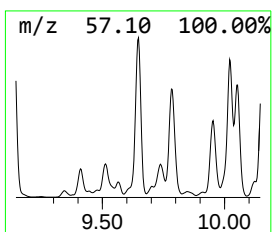
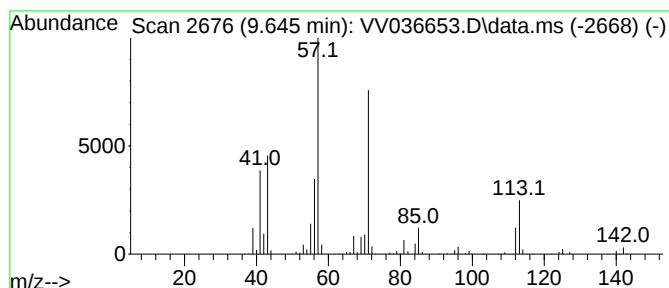
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	21.58 ug/L	1009790	Chlorobenzene-d5	8.783

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

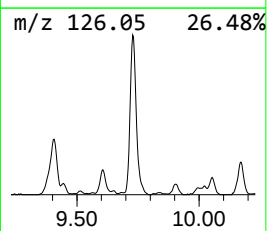
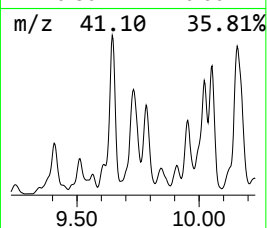
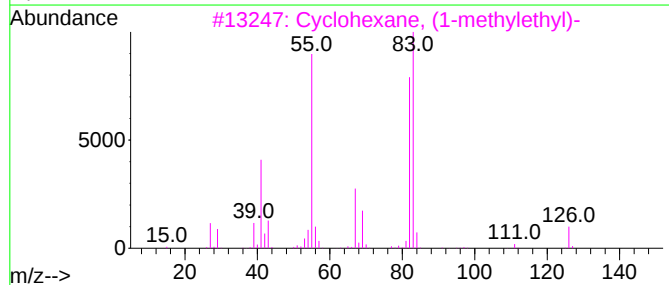
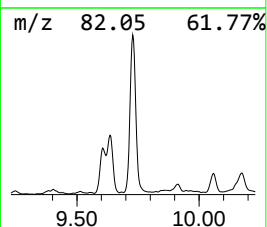
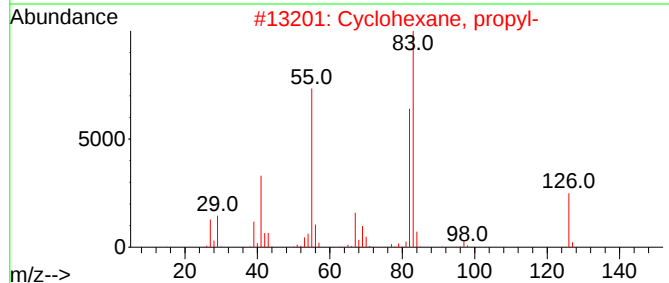
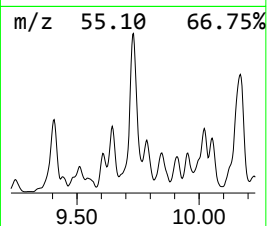
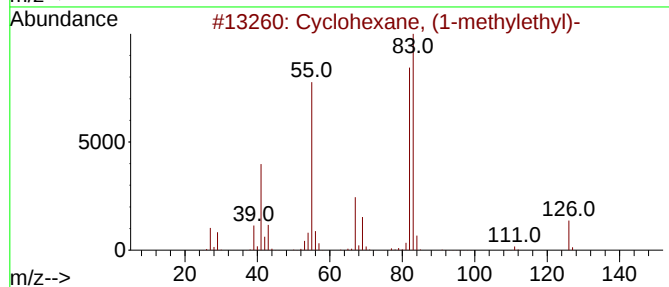
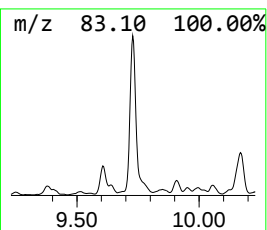
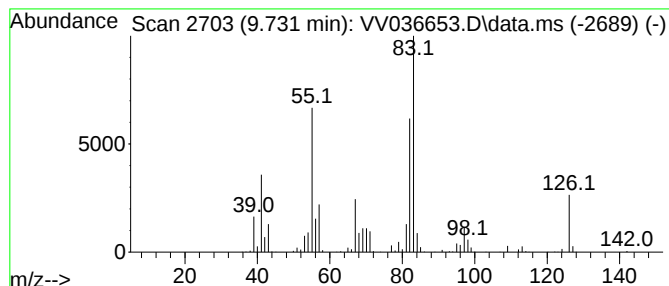
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic9.731 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	22.74 ug/L	1064070	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4			Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	72
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

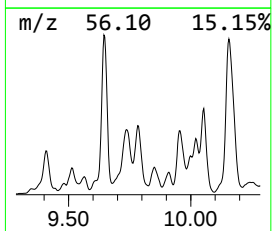
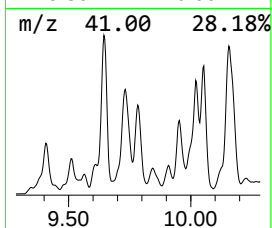
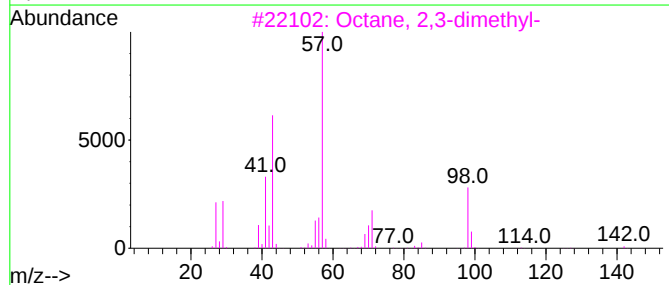
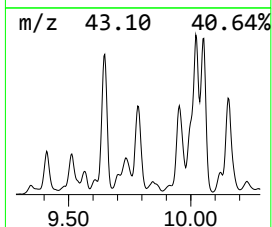
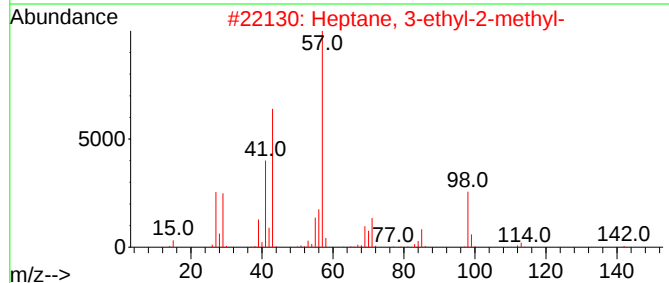
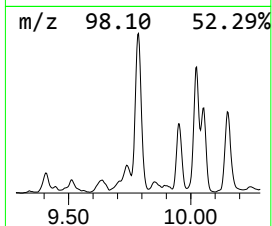
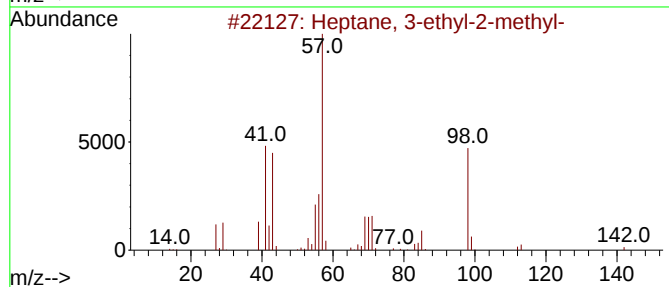
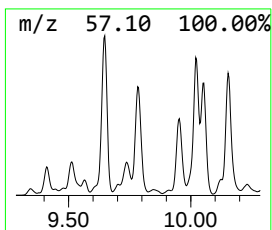
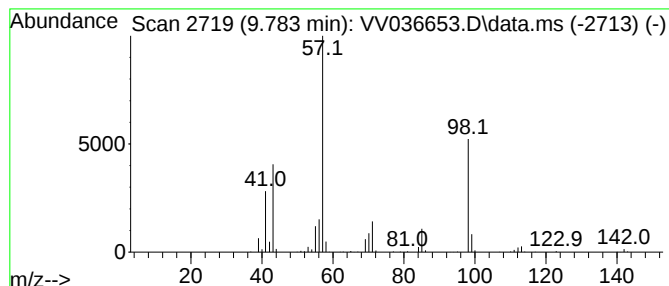
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.783	11.47 ug/L	536765	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

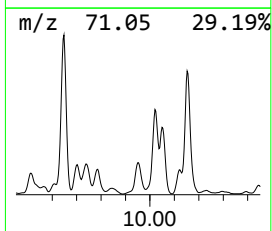
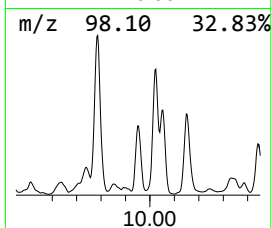
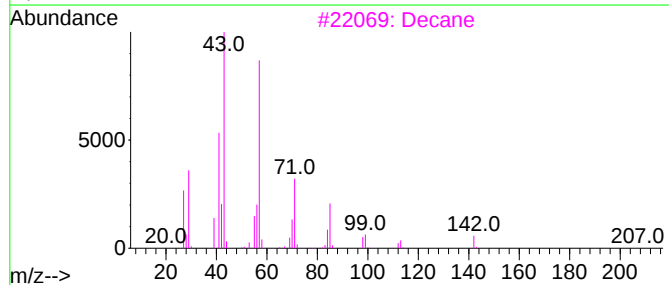
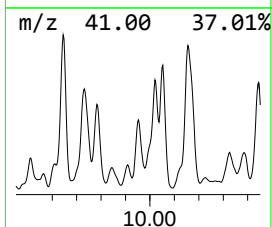
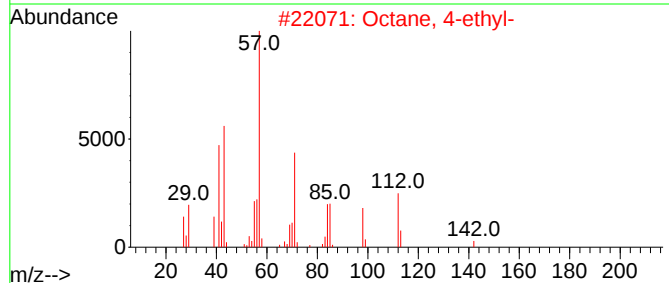
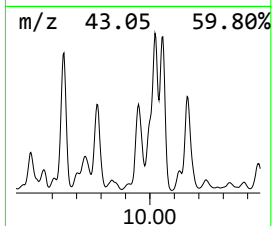
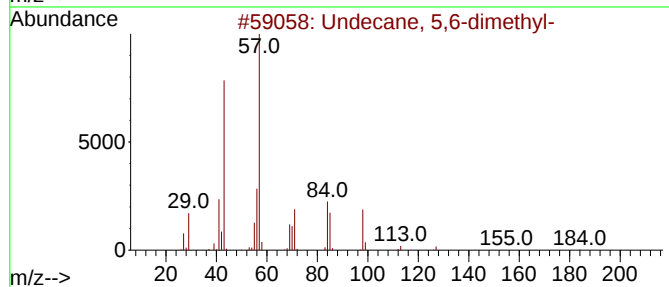
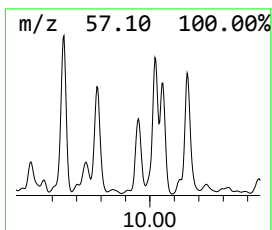
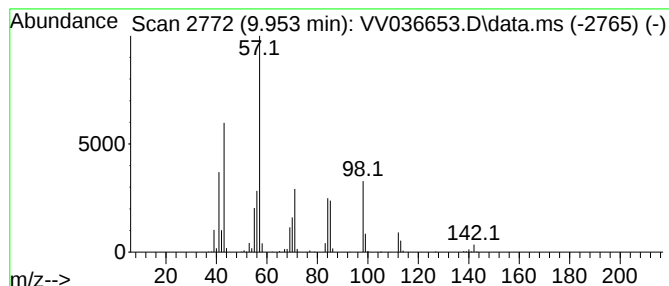
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	9.05 ug/L	423374	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	52
3		Decane	142	C10H22	000124-18-5	47
4		Decane	142	C10H22	000124-18-5	47
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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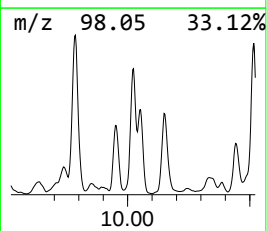
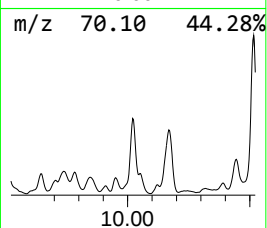
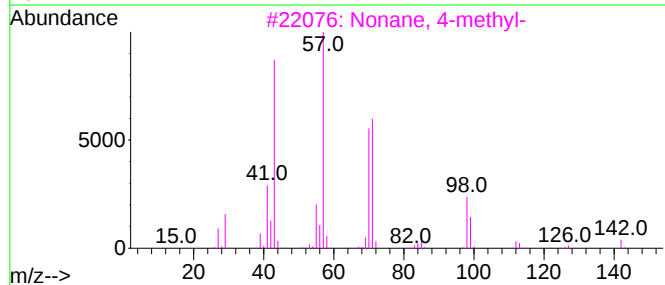
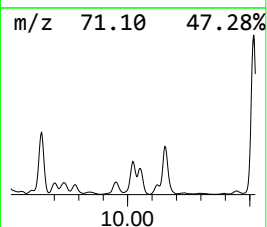
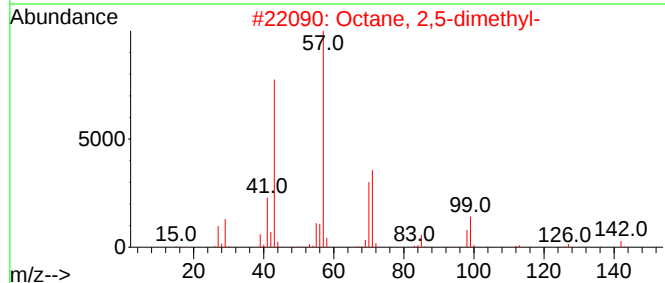
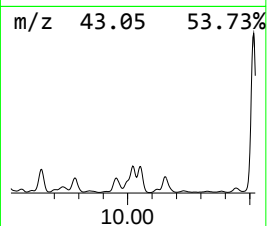
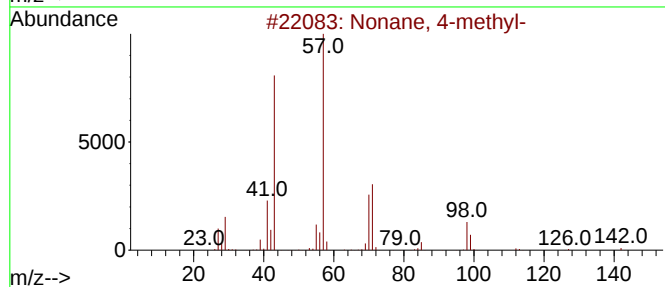
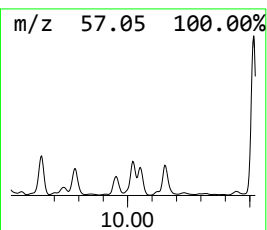
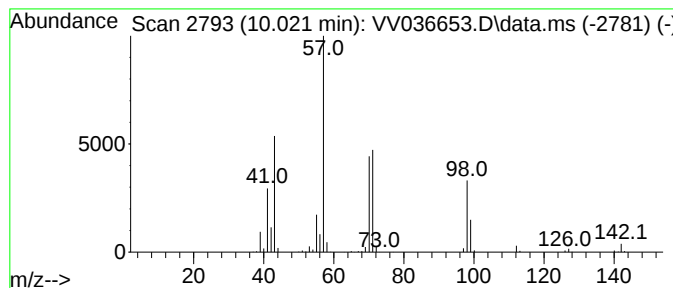
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.021	19.25 ug/L	815598	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	80
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	80
4			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

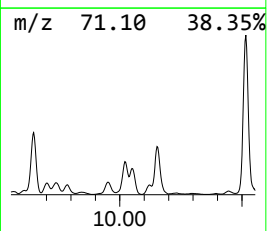
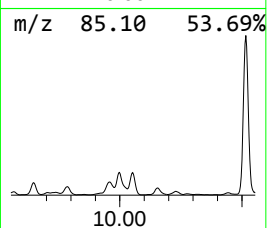
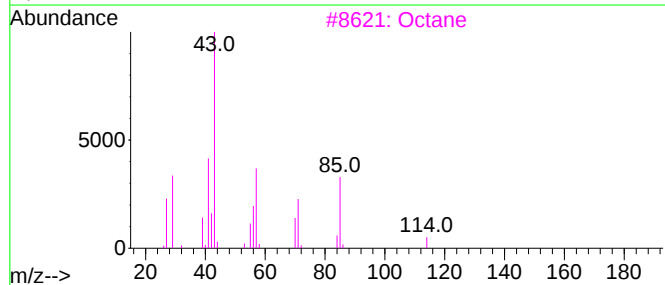
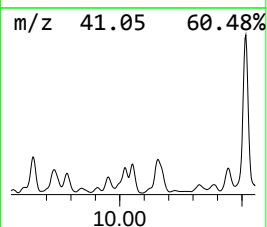
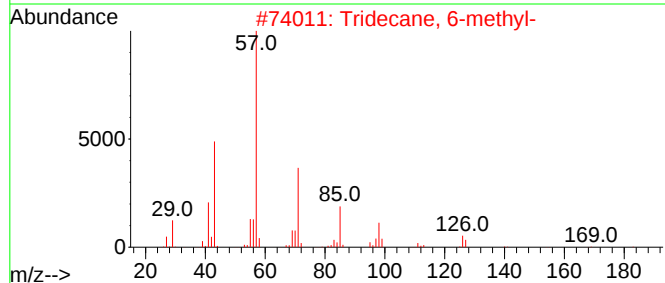
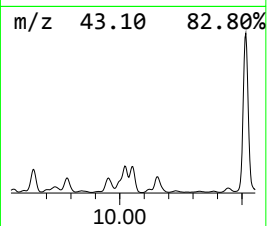
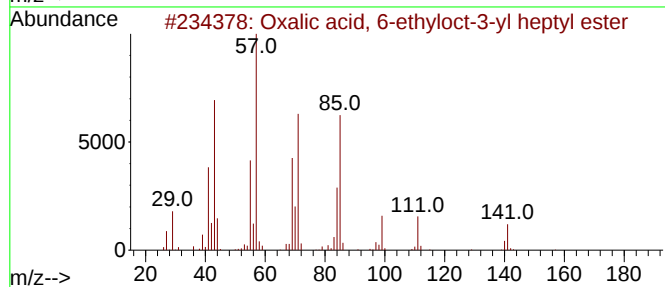
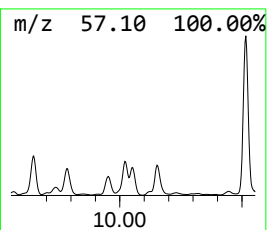
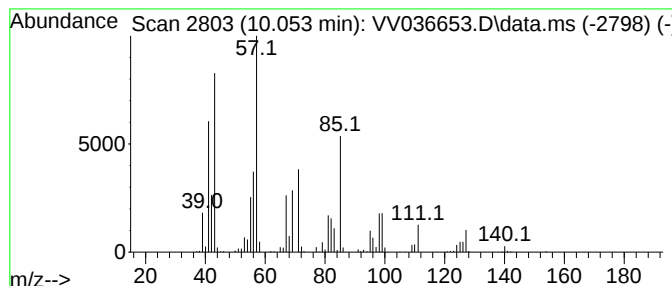
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.053	15.90 ug/L	673530	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	47
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
3			Octane	114	C8H18	000111-65-9	43
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	43
5			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

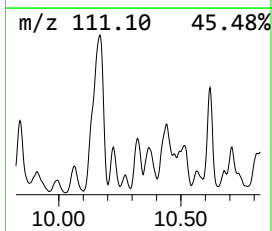
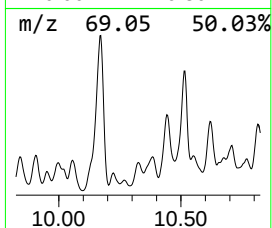
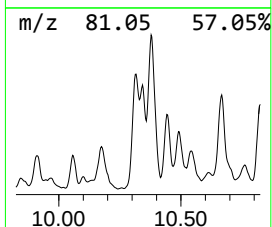
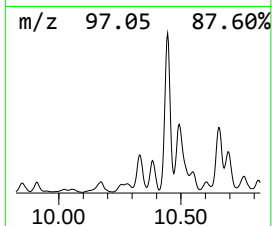
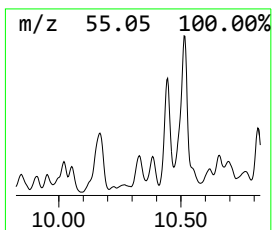
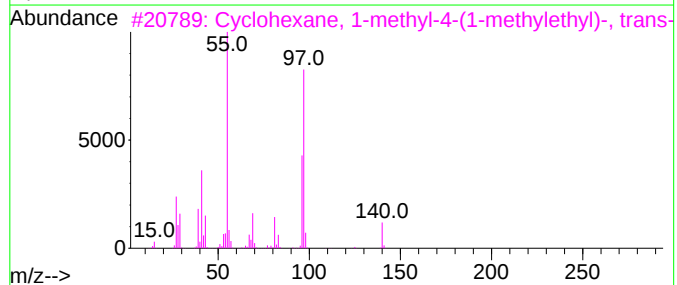
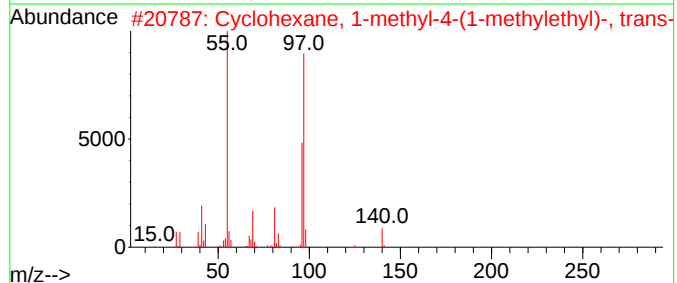
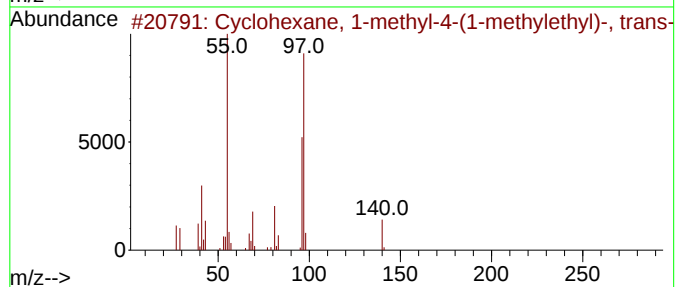
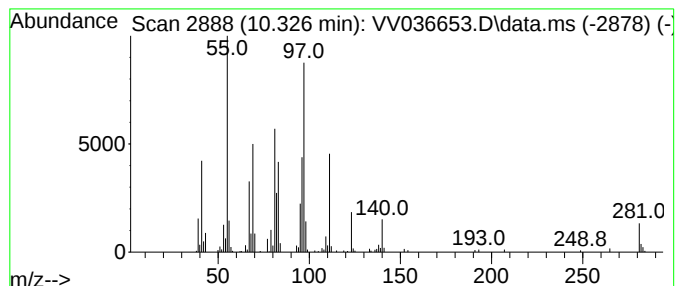
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic10.326 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.326	9.35 ug/L	396265	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
4			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	43
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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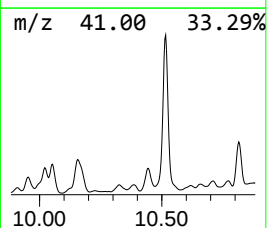
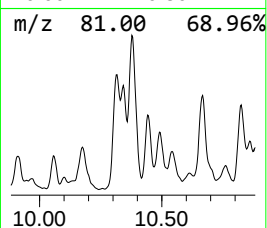
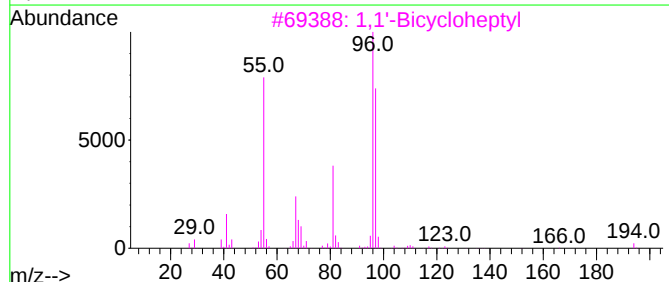
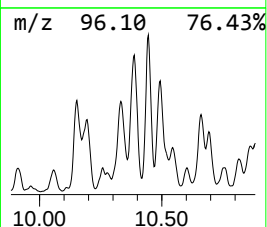
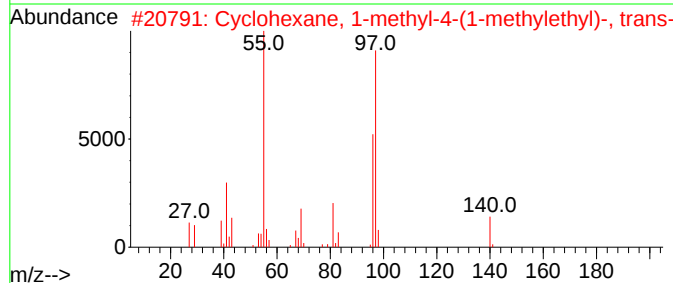
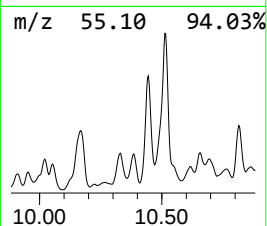
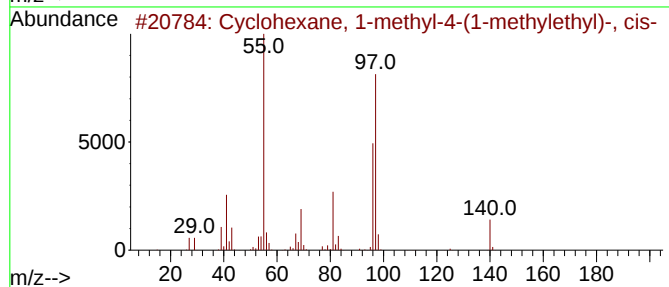
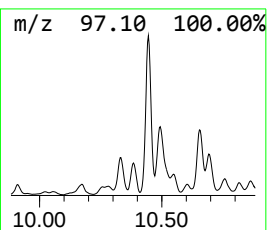
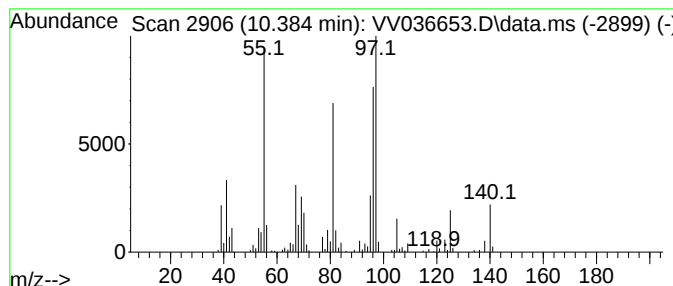
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic10.384 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.384	8.00 ug/L	338737	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
3			1,1'-Bicycloheptyl	194	C14H26	023183-11-1	47
4			trans-4-Methylcyclohexanol, pent...	260	C10H18O	1000364-13-9	47
5			Carbonic acid, isobutyl cyclohex...	214	C12H22O3	1000357-83-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
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Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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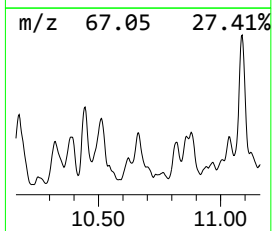
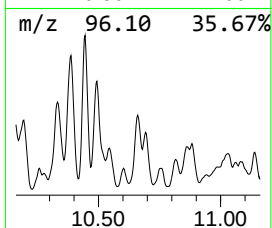
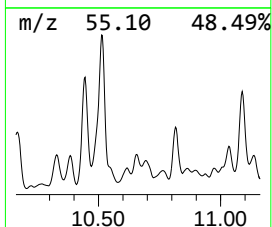
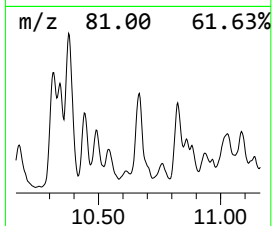
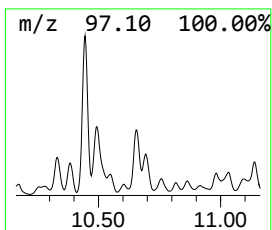
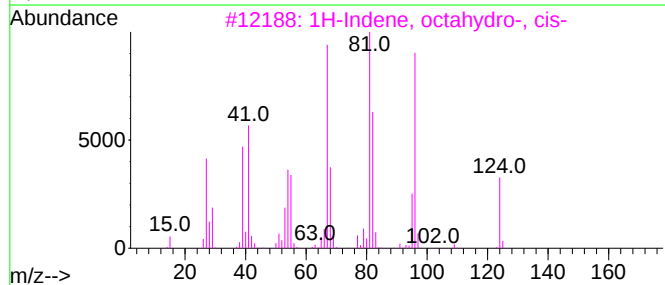
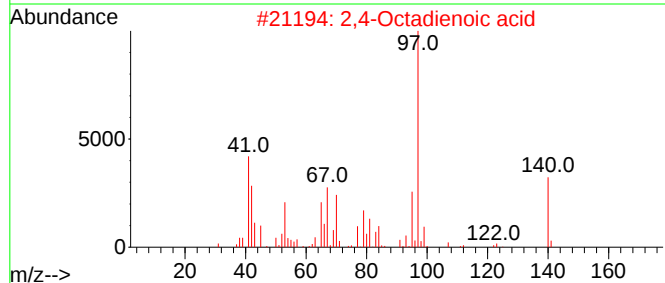
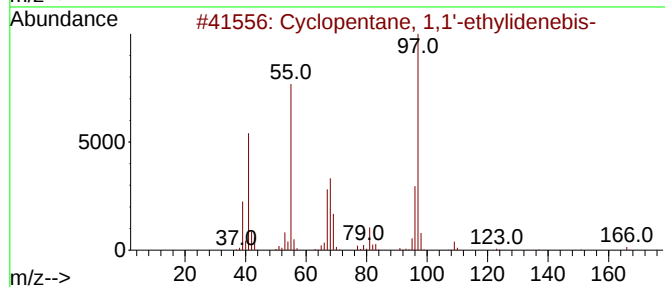
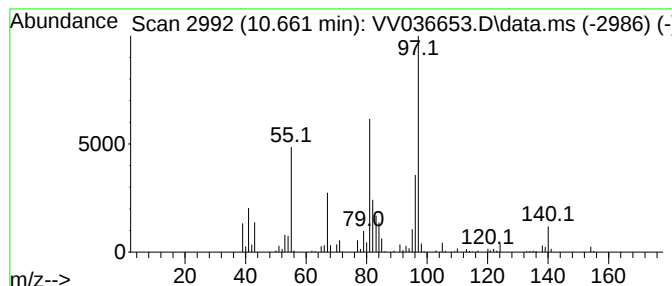
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.661	3.76 ug/L	159410	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	42
2		2,4-Octadienoic acid	140	C8H12O2	083615-26-3	40
3		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	27
4		1-Methylcyclooctene	124	C9H16	000933-11-9	22
5		Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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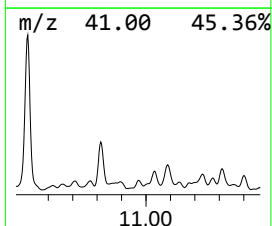
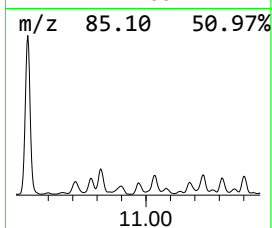
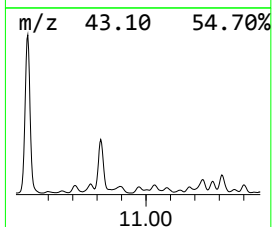
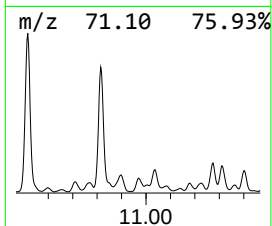
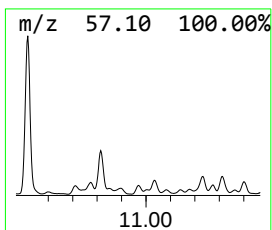
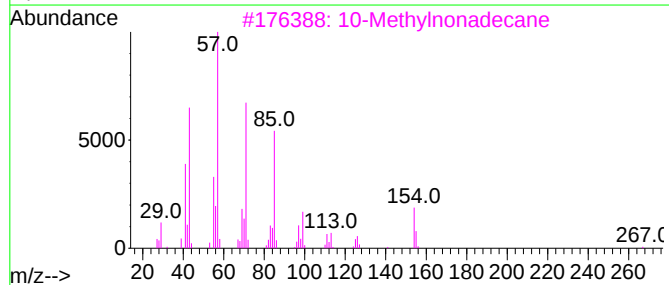
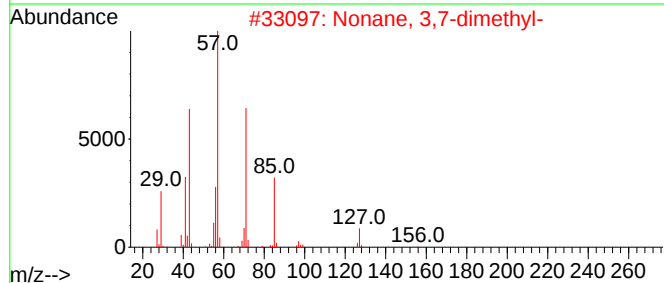
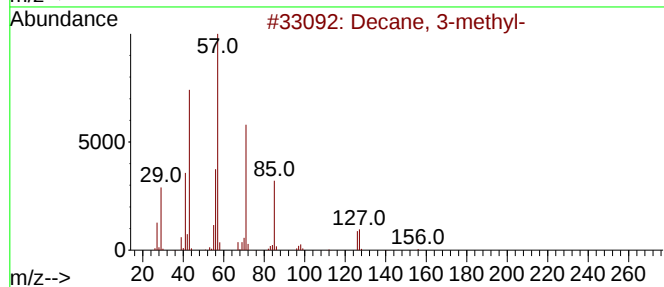
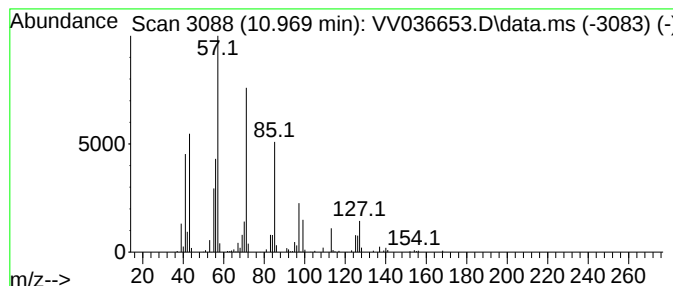
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	3.96 ug/L	167819	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	72
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3			10-Methylnonadecane	282	C20H42	056862-62-5	64
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

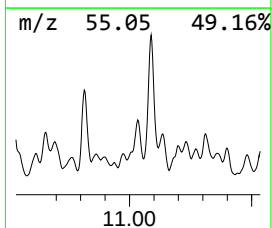
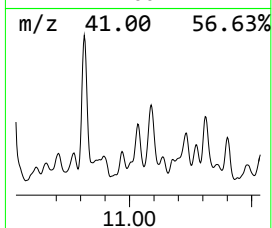
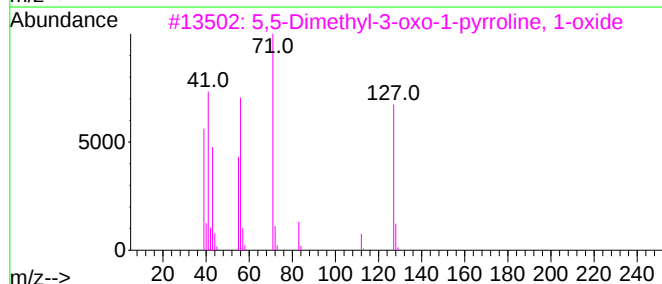
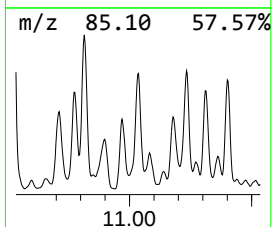
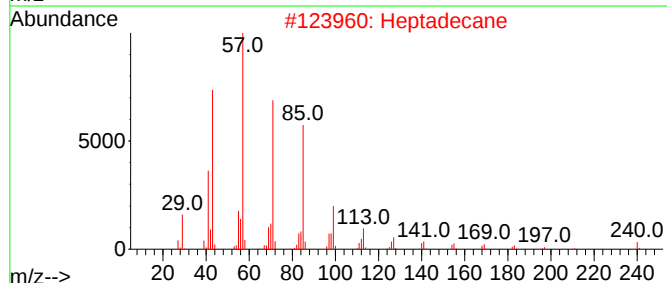
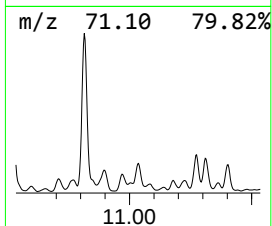
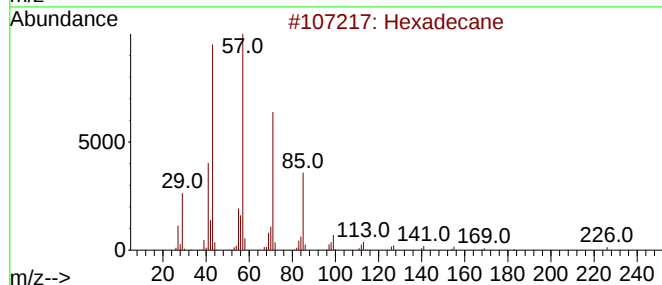
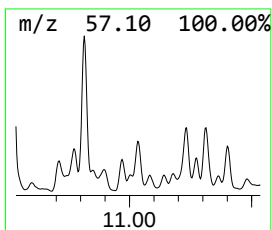
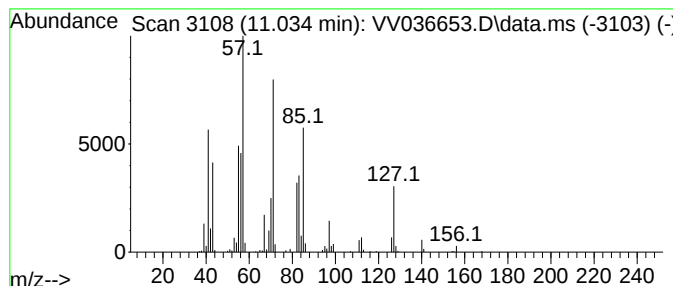
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.034	8.28 ug/L	350598	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	47
2		Heptadecane	240	C17H36	000629-78-7	47
3		5,5-Dimethyl-3-oxo-1-pyrroline, ...	127	C6H9NO2	1000305-98-3	43
4		Decyl pentyl ether	228	C15H32O	1000406-41-5	43
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

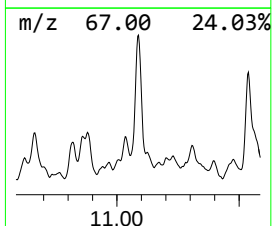
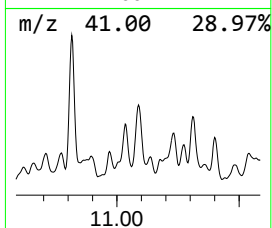
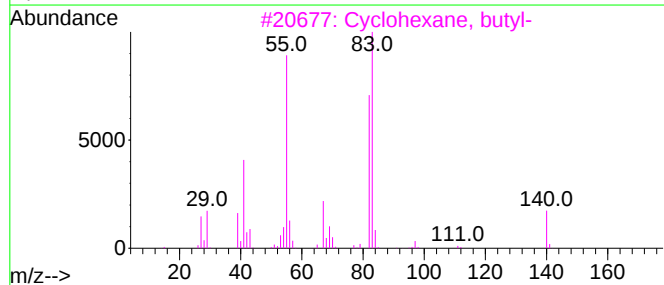
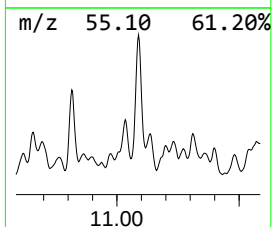
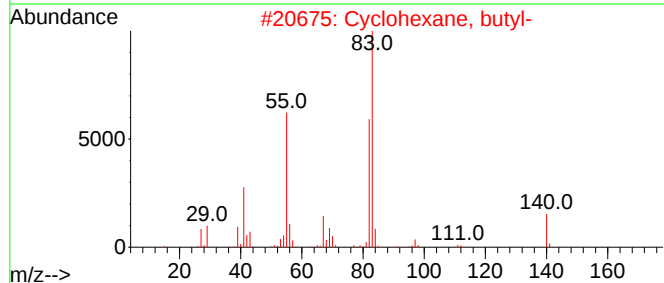
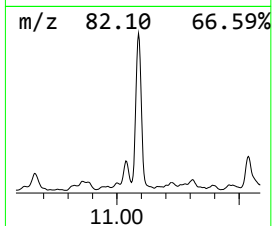
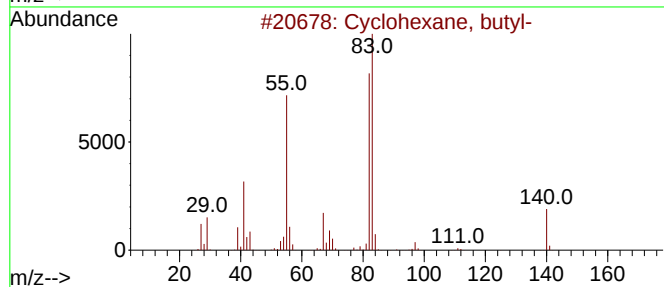
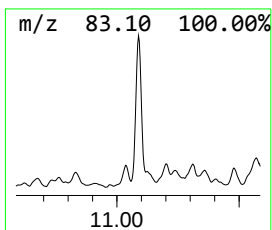
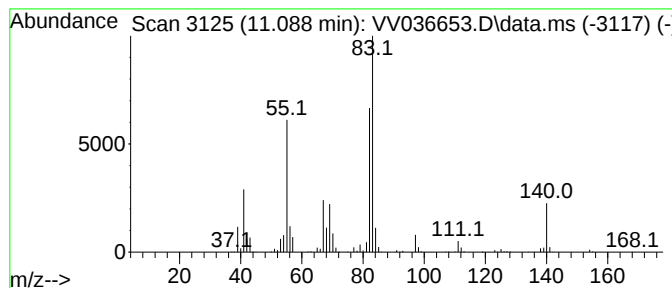
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic11.088 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	16.05 ug/L	679896	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	86
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	80
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

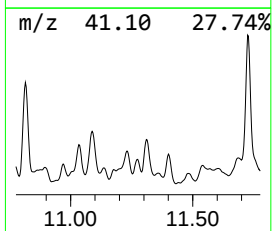
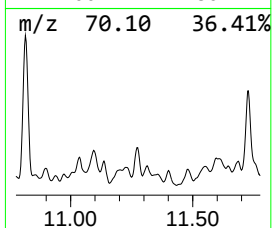
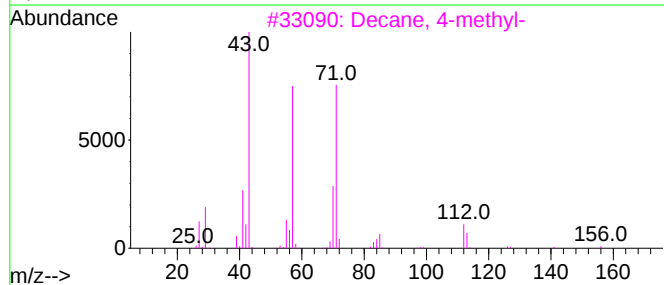
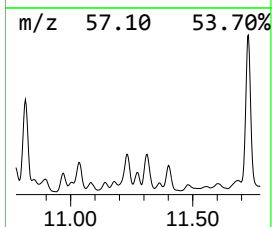
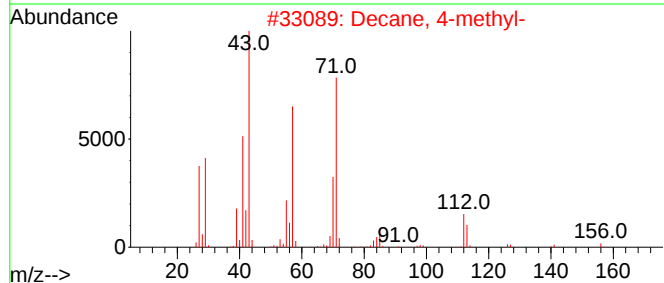
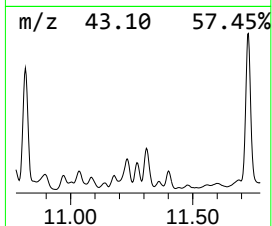
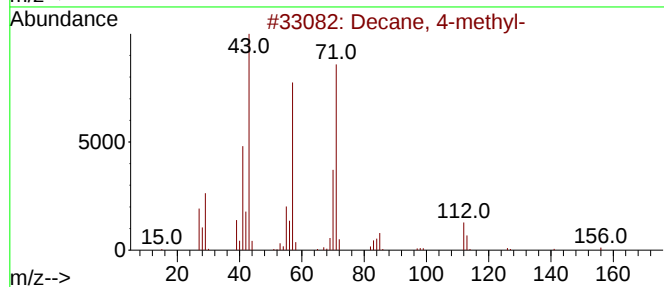
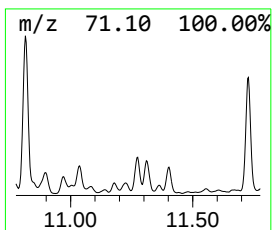
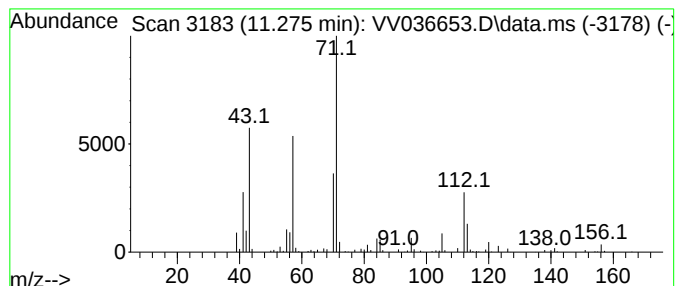
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	2.97 ug/L	125671	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Decane, 4-methyl-	156	C11H24	002847-72-5	87
3			Decane, 4-methyl-	156	C11H24	002847-72-5	80
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

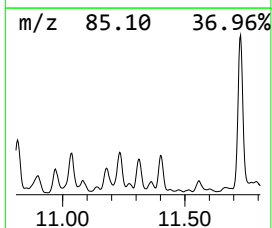
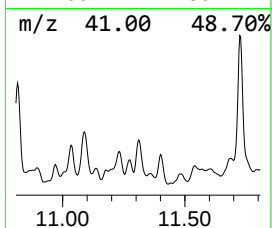
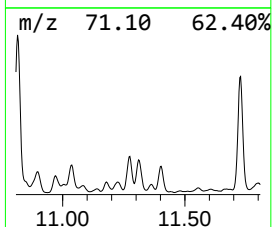
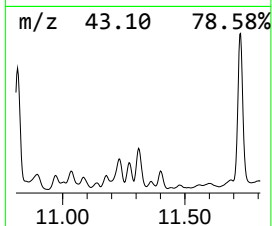
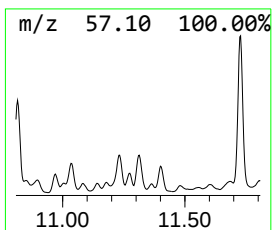
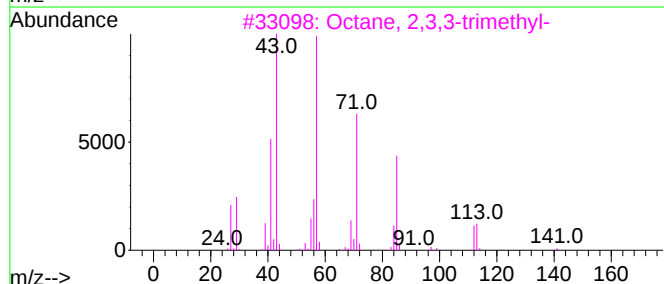
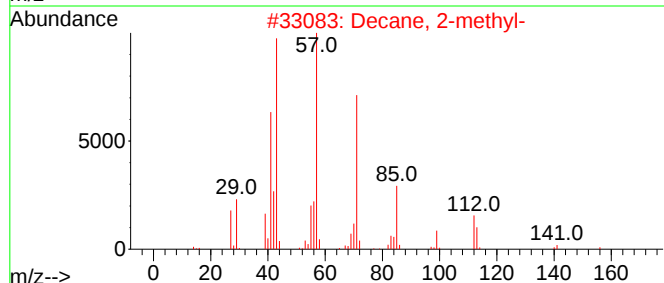
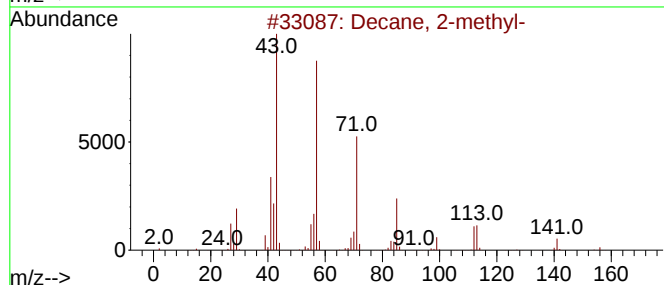
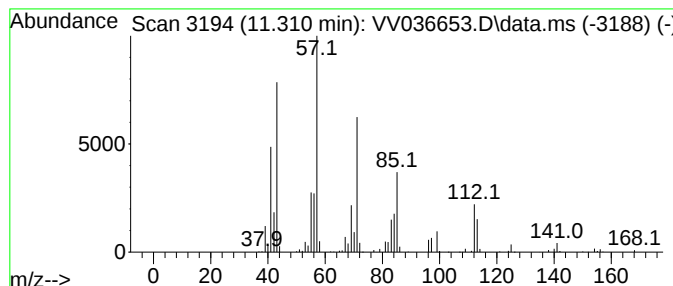
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	9.29 ug/L	393551	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	74
2			Decane, 2-methyl-	156	C11H24	006975-98-0	72
3			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
4			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	64
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

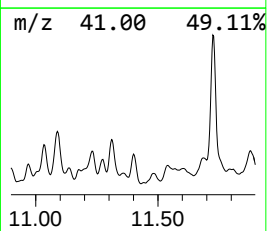
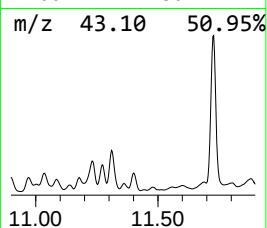
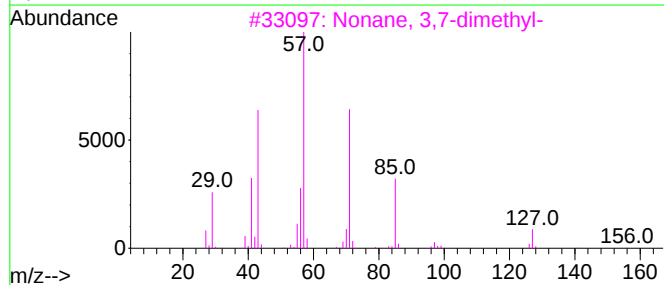
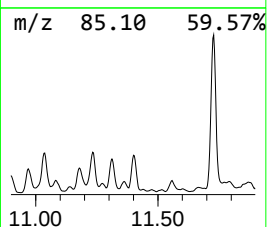
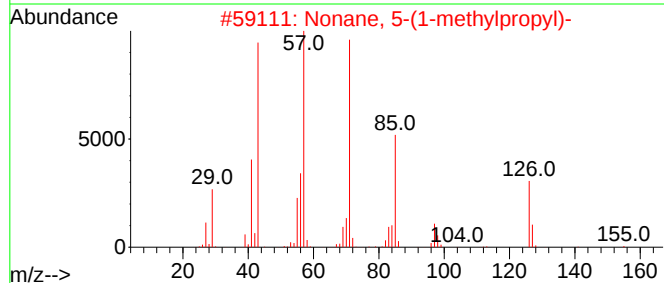
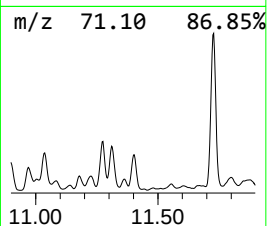
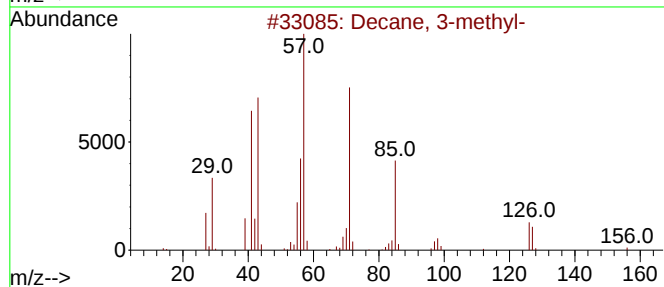
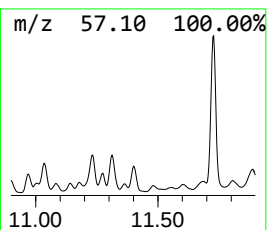
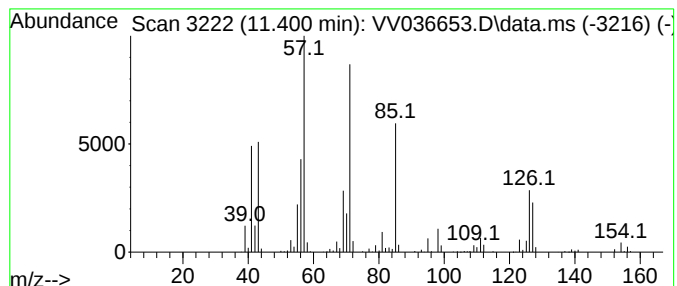
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.400	8.57 ug/L	363070	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	91
2			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	78
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	59
5			2,6-Dimethyldecane	170	C12H26	013150-81-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

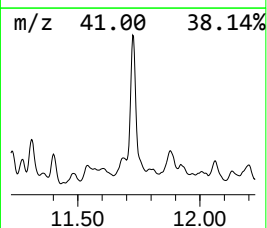
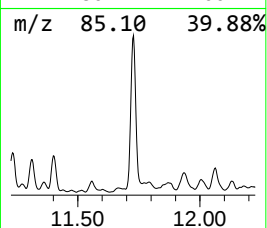
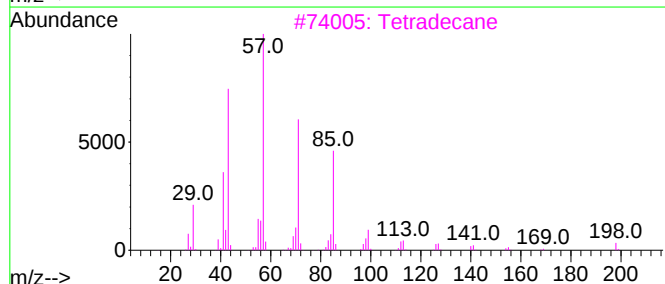
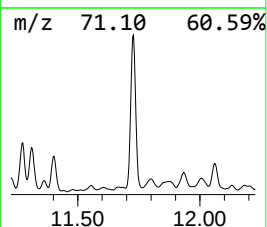
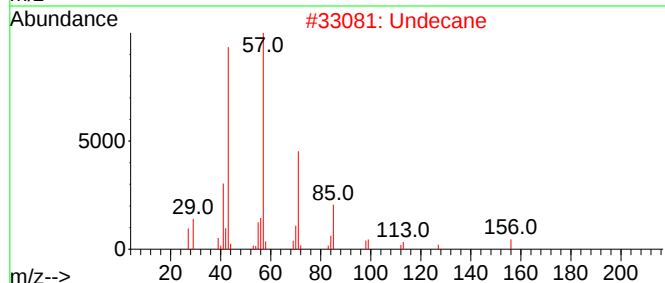
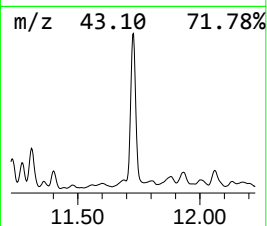
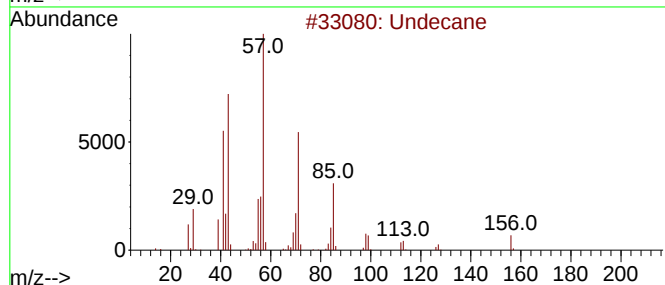
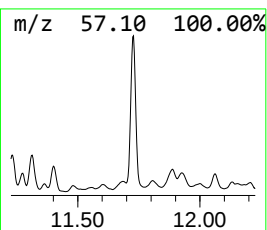
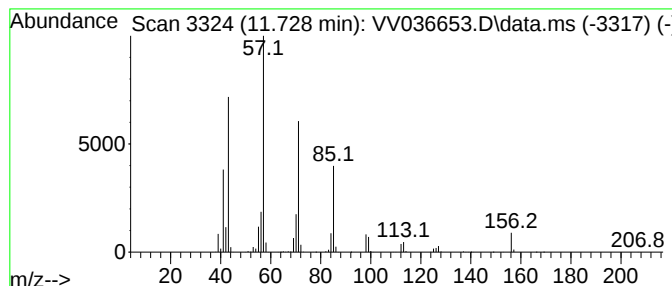
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.728	36.95 ug/L	1565430	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane	156	C11H24	001120-21-4	91
2		Undecane	156	C11H24	001120-21-4	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

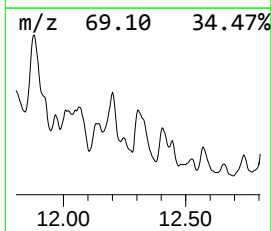
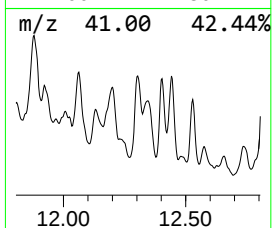
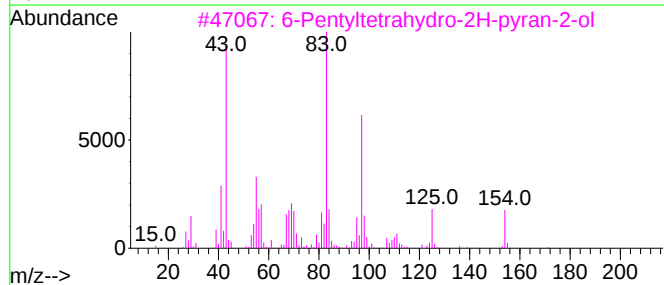
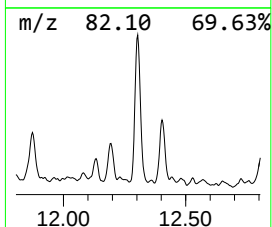
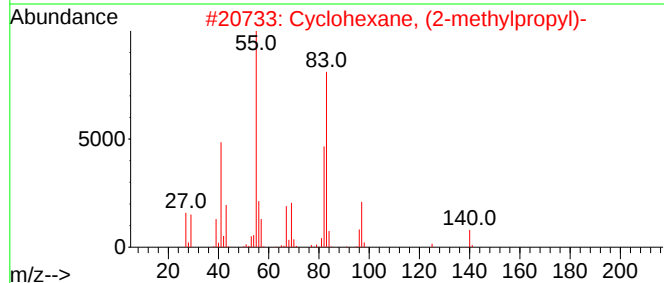
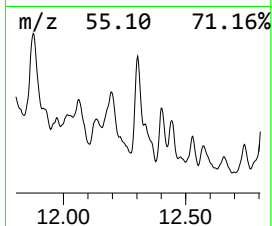
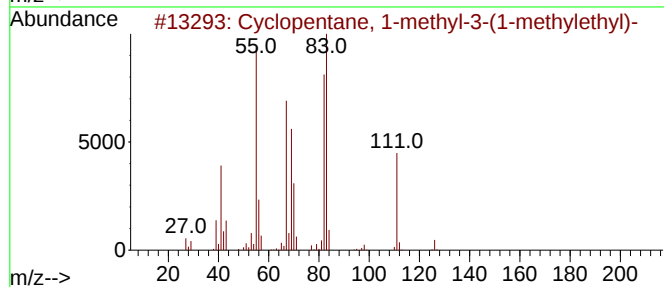
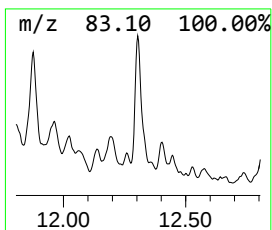
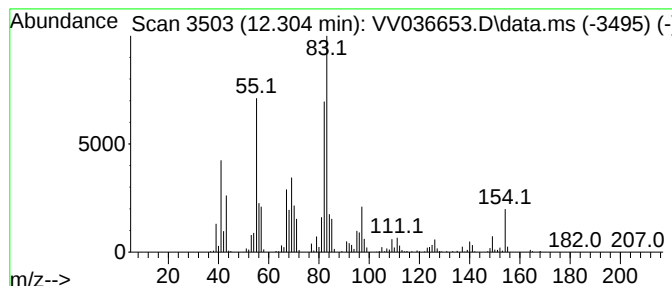
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic12.304 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	10.35 ug/L	438314	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	53
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
3			6-Pentyltetrahydro-2H-pyran-2-ol	172	C10H20O2	023866-95-7	50
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

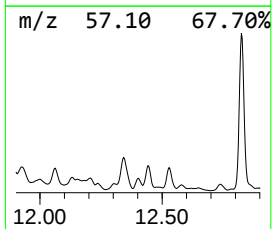
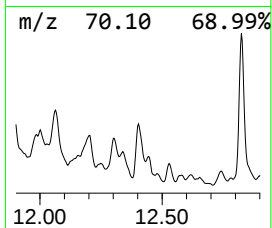
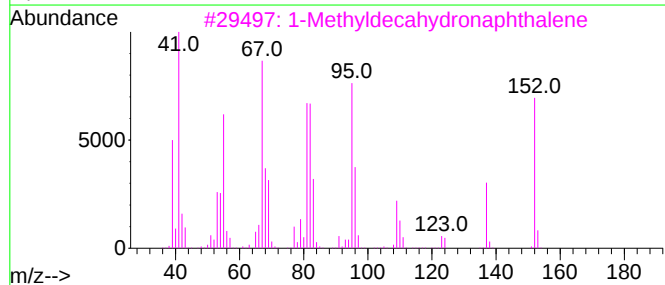
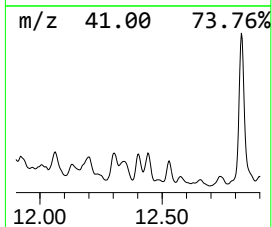
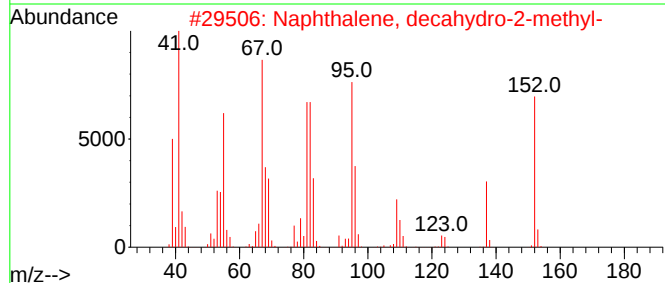
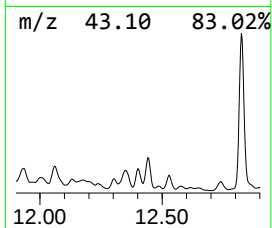
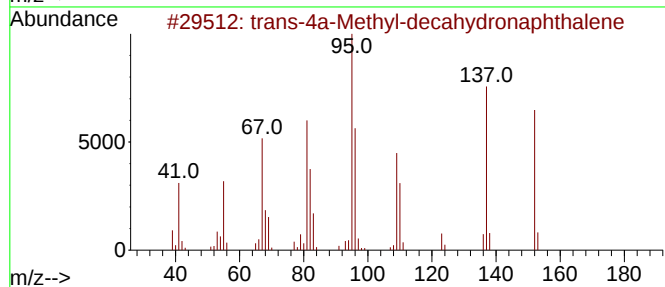
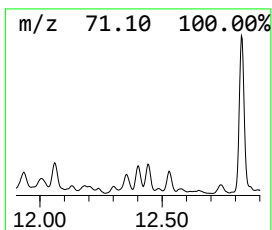
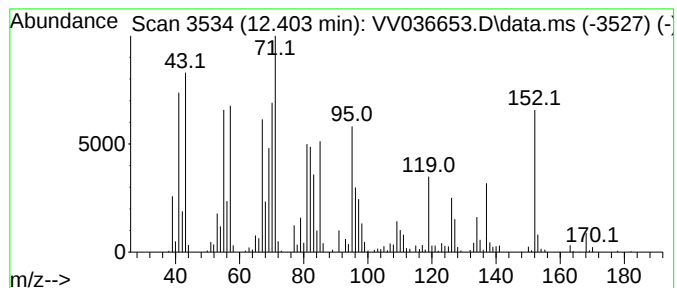
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Quant Title : VOC Analysis

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

Peak Number 31 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	9.56 ug/L	405137	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	46
4			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	38
5			Undecane, 4-methyl-	170	C12H26	002980-69-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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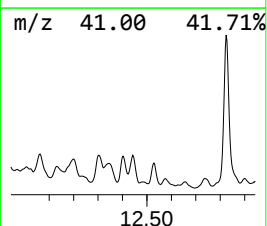
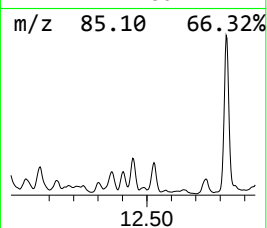
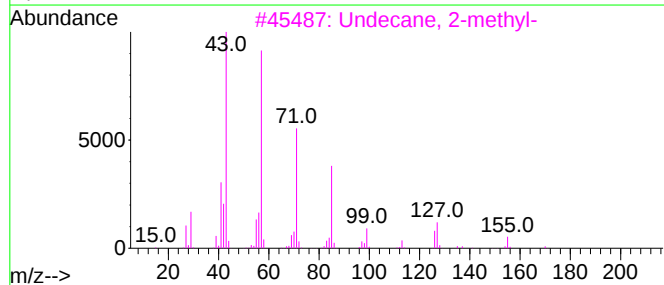
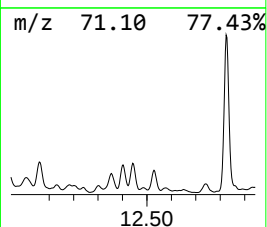
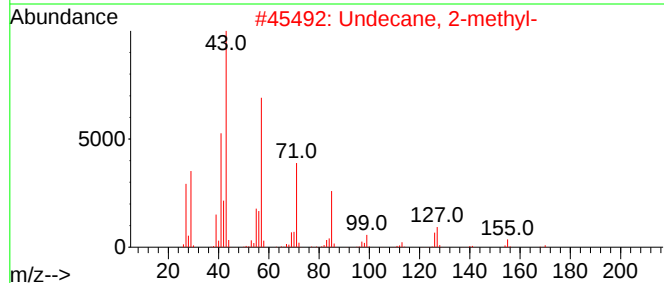
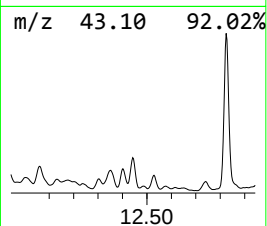
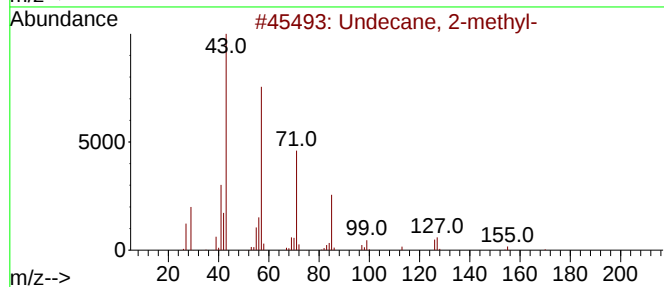
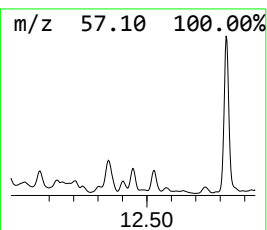
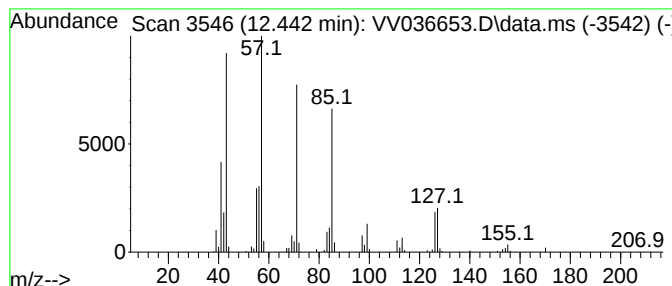
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.442	5.49 ug/L	232477	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	91
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	83
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
5			Heptacosane	380	C27H56	000593-49-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

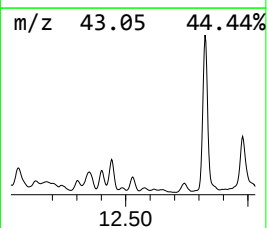
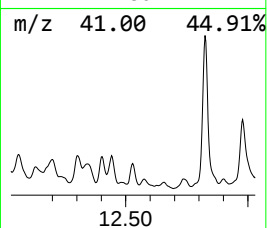
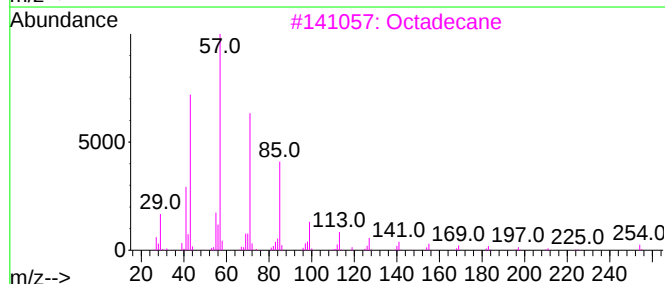
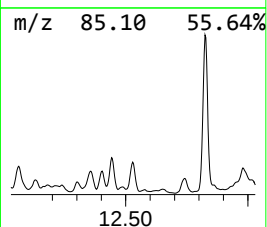
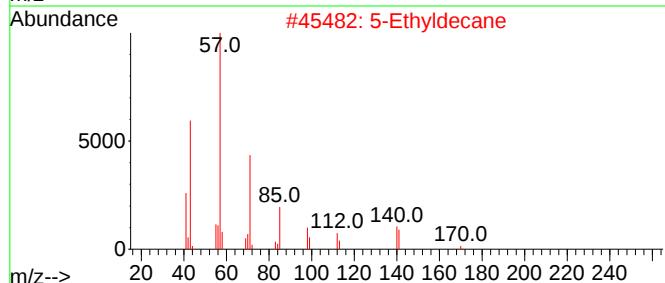
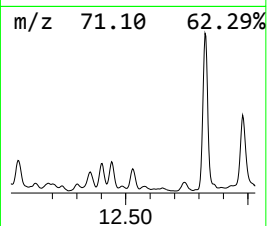
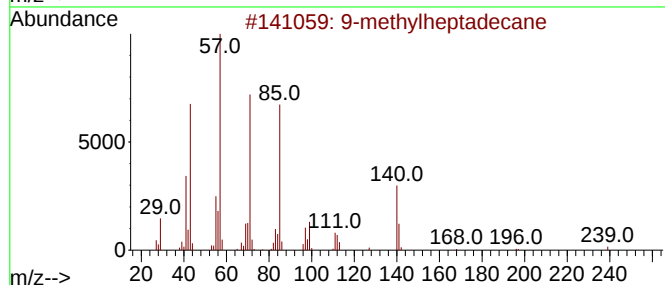
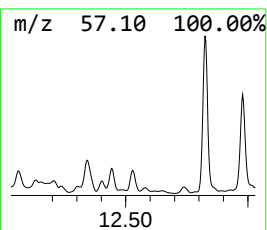
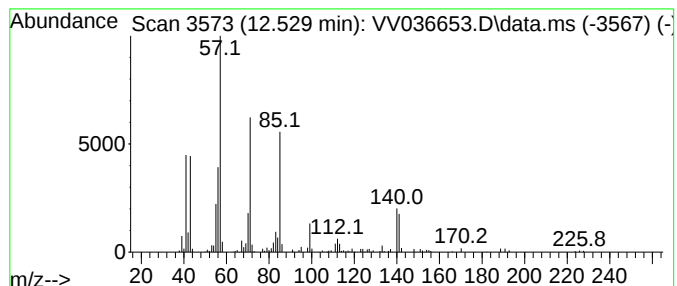
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.529	4.11 ug/L	174325	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-methylheptadecane	254	C18H38	026741-18-4	64
2		5-Ethyldecane	170	C12H26	017302-36-2	52
3		Octadecane	254	C18H38	000593-45-3	50
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

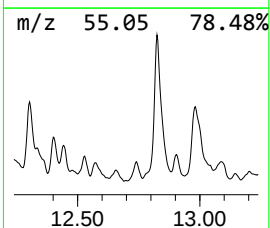
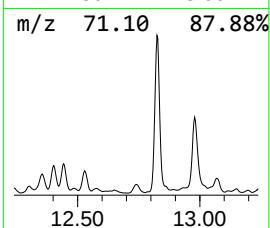
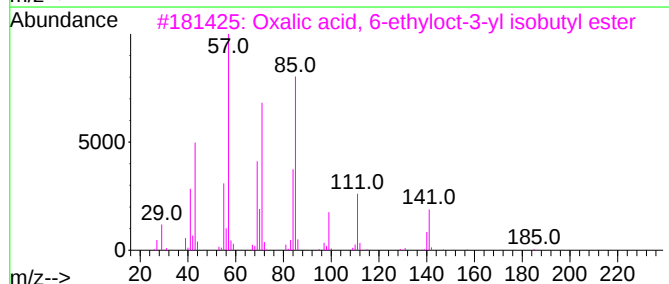
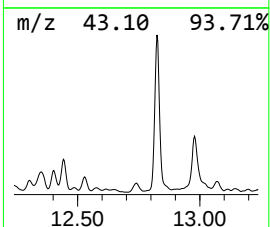
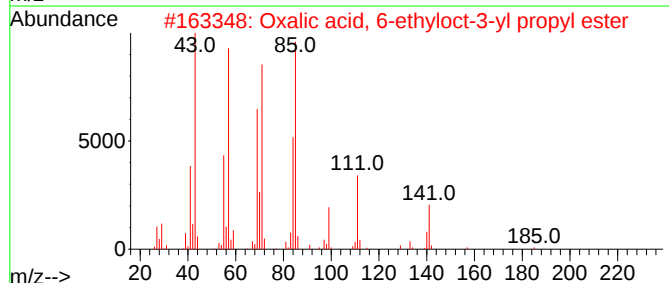
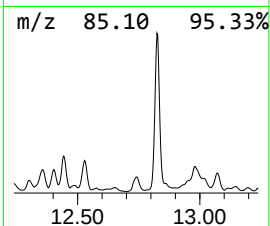
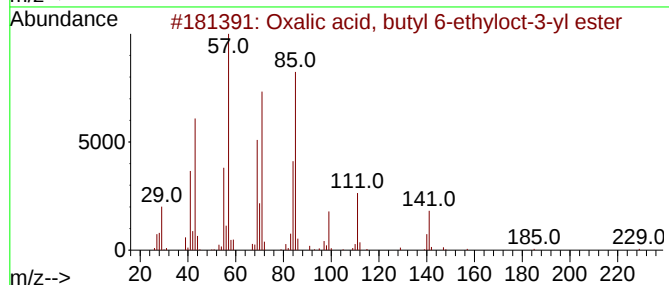
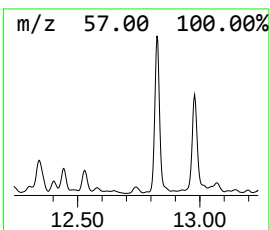
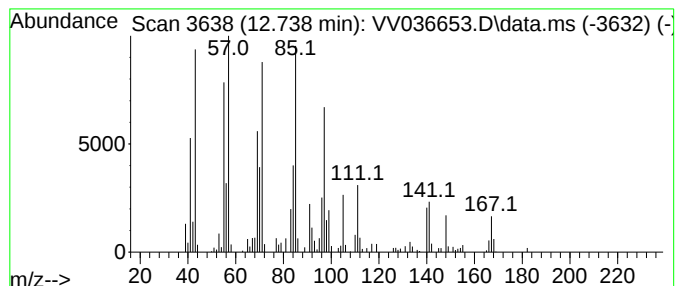
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Quant Title : VOC Analysis

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

Peak Number 34 Oxalic acid, butyl 6-ethylo... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.738	2.91 ug/L	123459	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	64
2			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	62
3			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	58
4			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	58
5			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

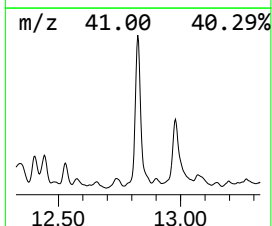
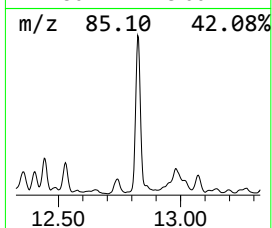
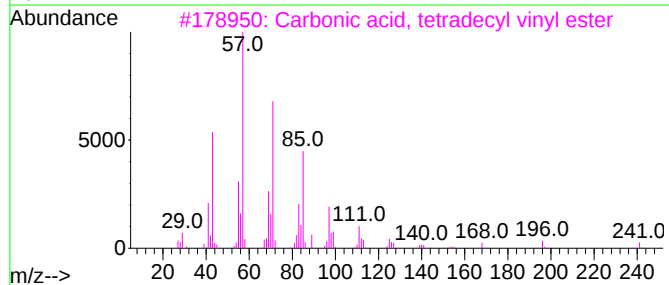
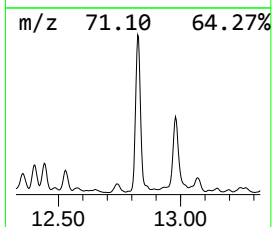
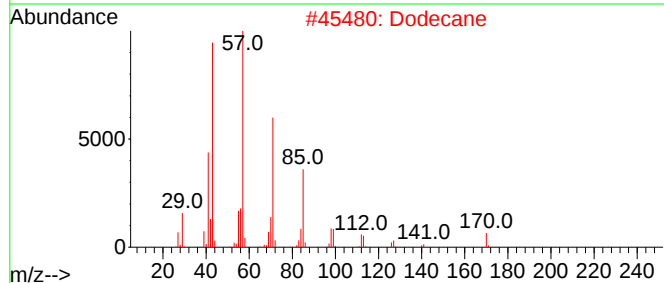
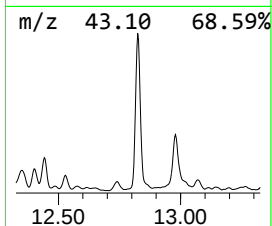
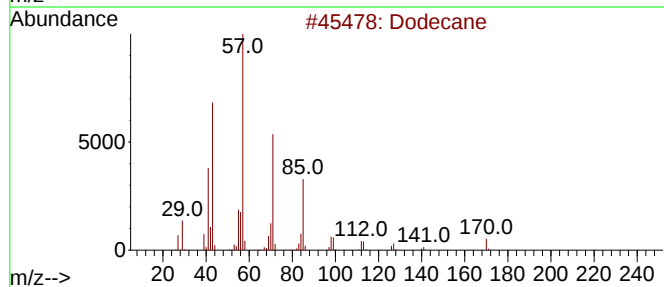
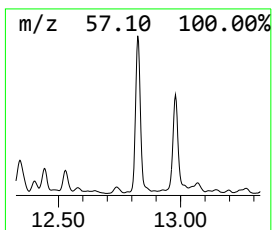
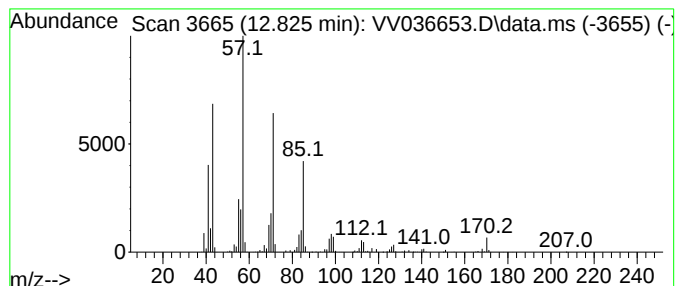
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.825	38.38 ug/L	1626080	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	96
2			Dodecane	170	C12H26	000112-40-3	94
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
4			Dodecane	170	C12H26	000112-40-3	86
5			Dodecane	170	C12H26	000112-40-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

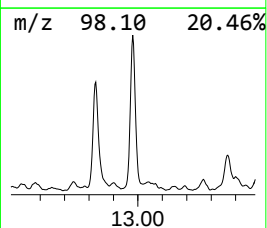
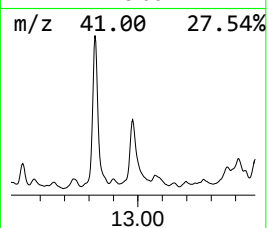
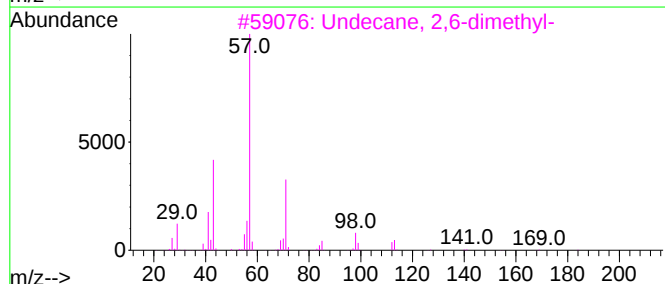
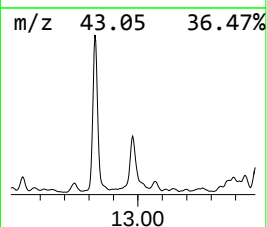
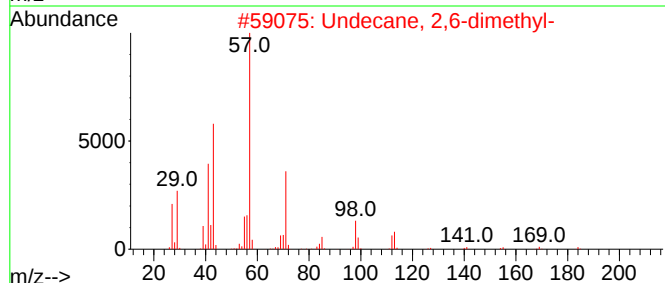
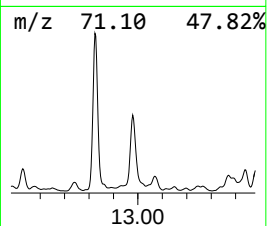
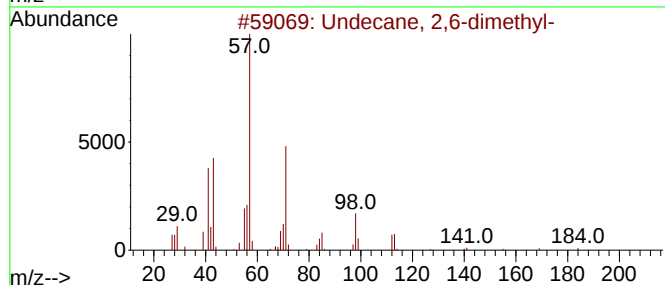
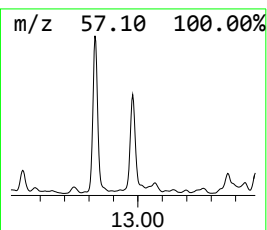
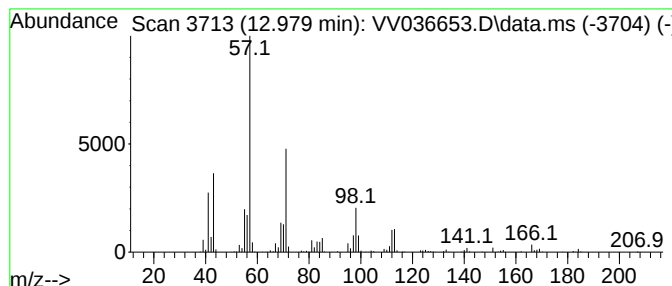
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.979	25.03 ug/L	1060510	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	55
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

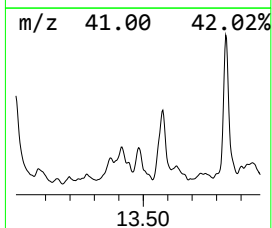
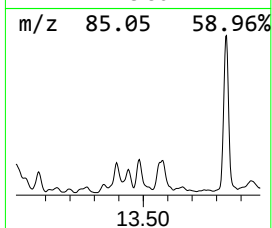
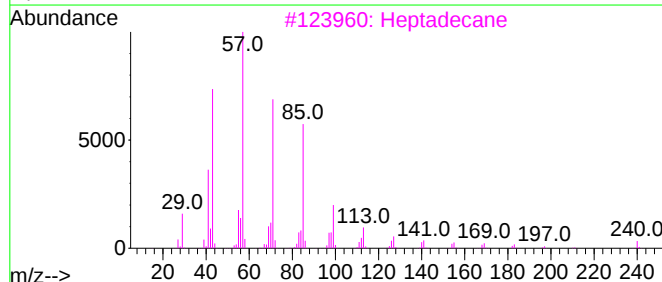
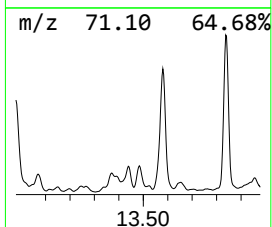
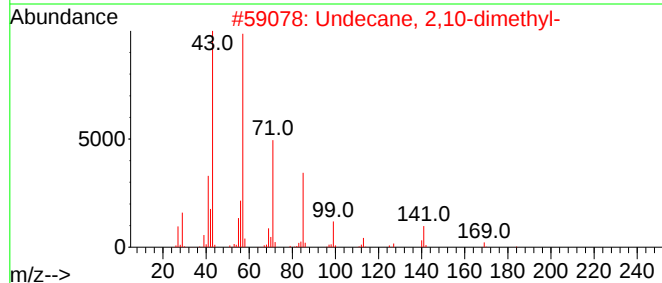
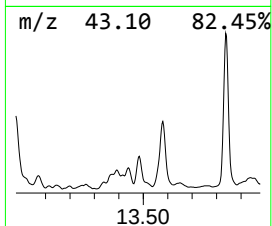
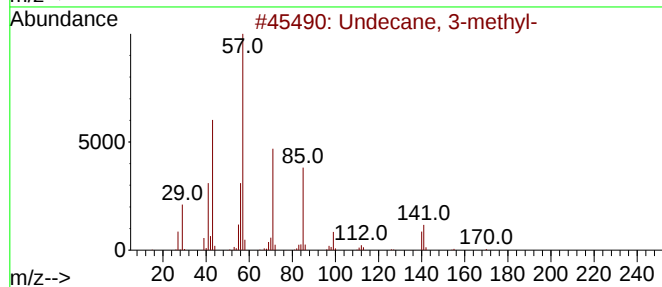
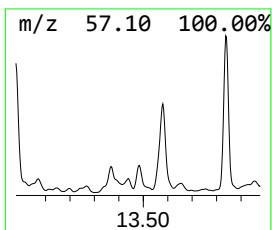
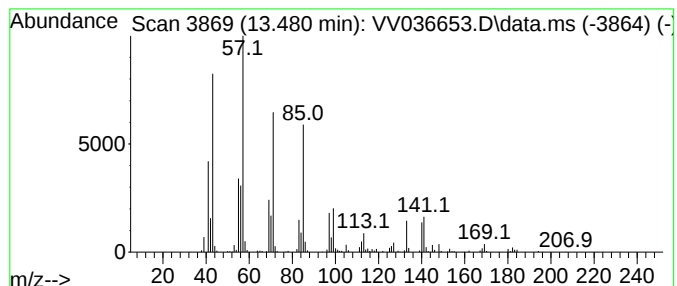
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	9.47 ug/L	401132	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	93
2		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	74
3		Heptadecane	240	C17H36	000629-78-7	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		10-Methylnonadecane	282	C20H42	056862-62-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

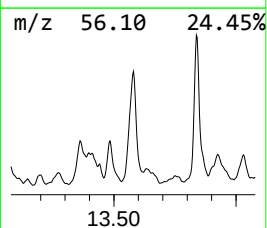
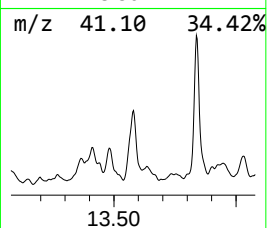
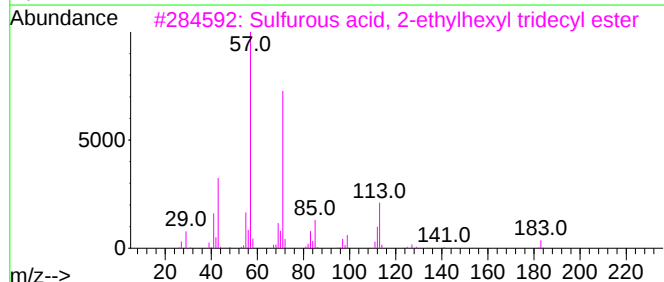
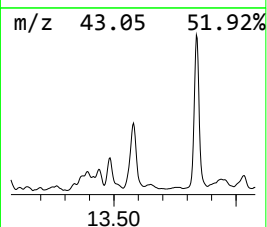
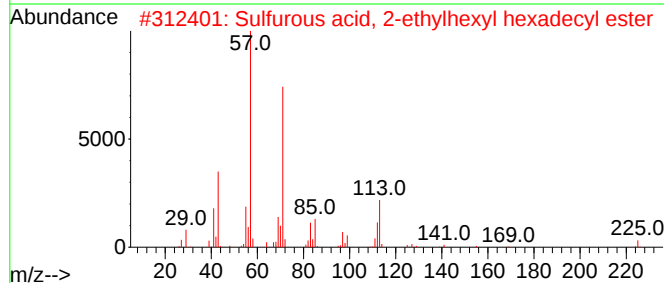
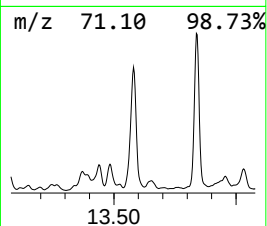
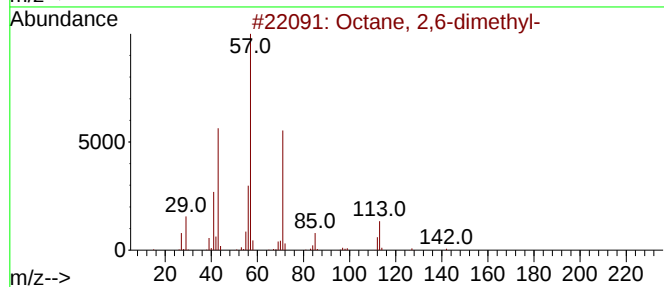
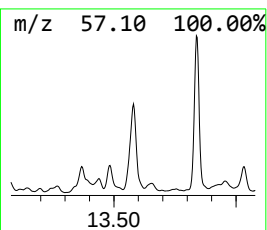
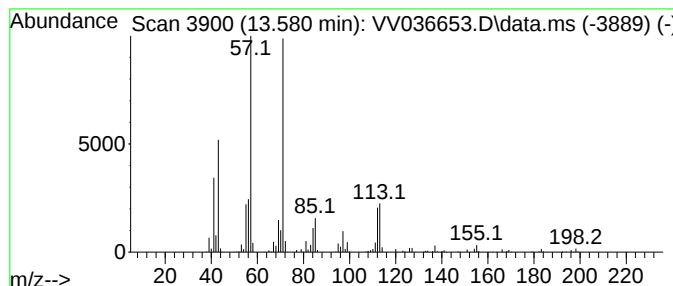
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	19.30 ug/L	817489	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	80
3			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

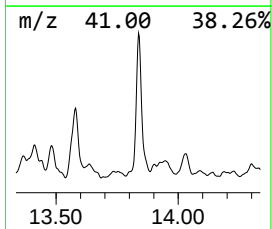
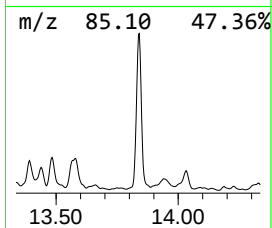
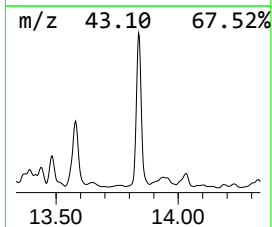
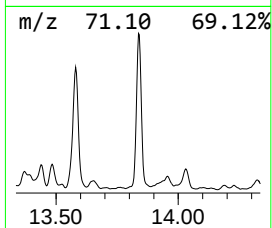
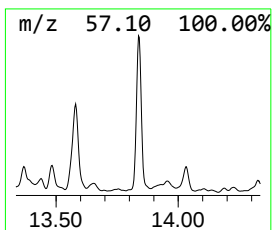
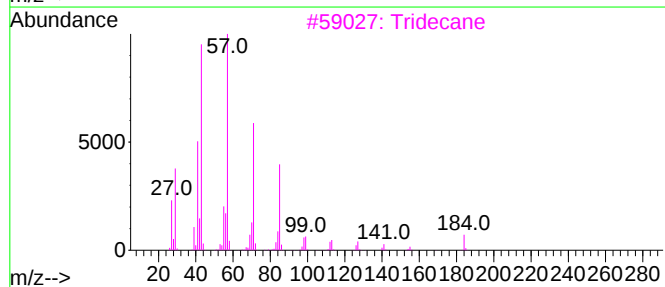
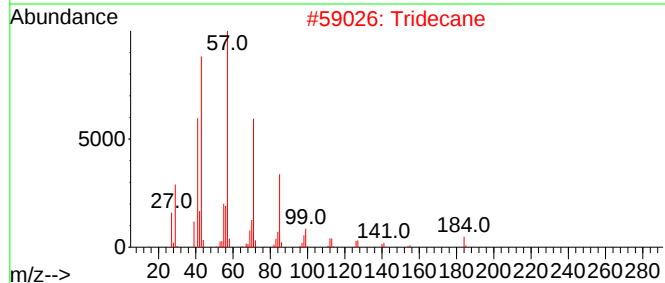
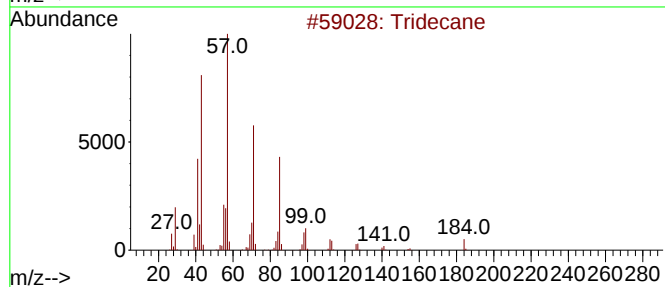
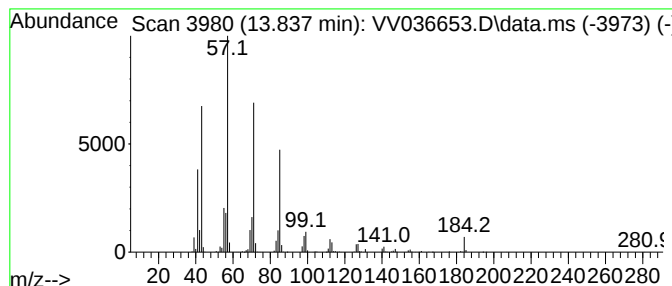
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Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.837	26.94 ug/L	1141320	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	95
3		Tridecane	184	C13H28	000629-50-5	94
4		Tridecane	184	C13H28	000629-50-5	90
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

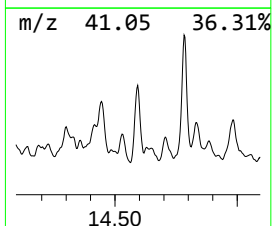
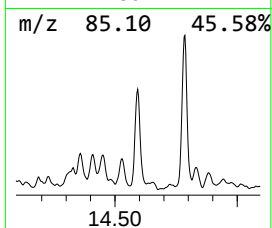
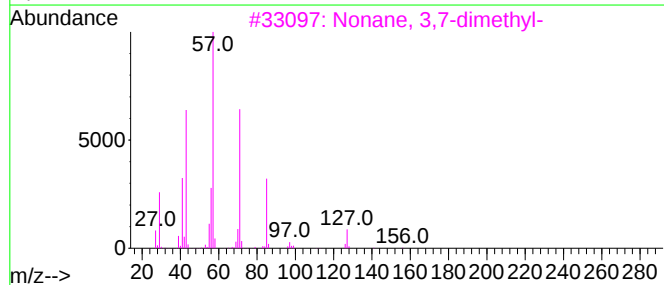
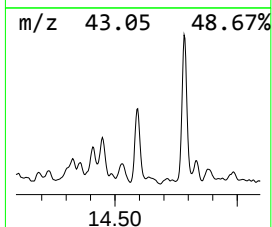
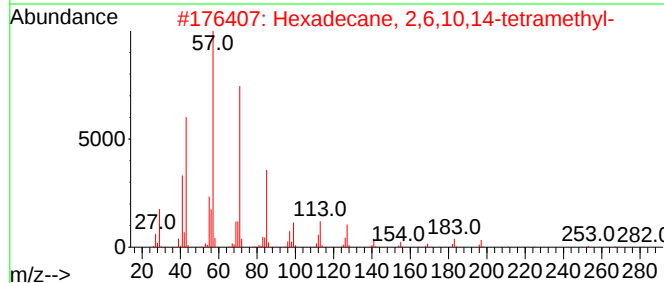
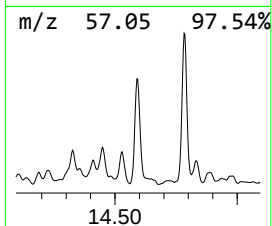
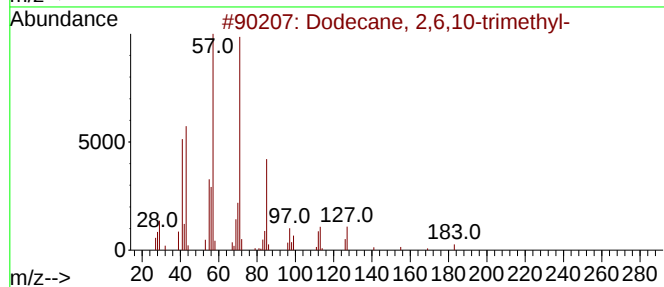
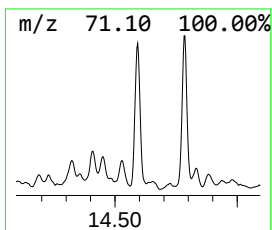
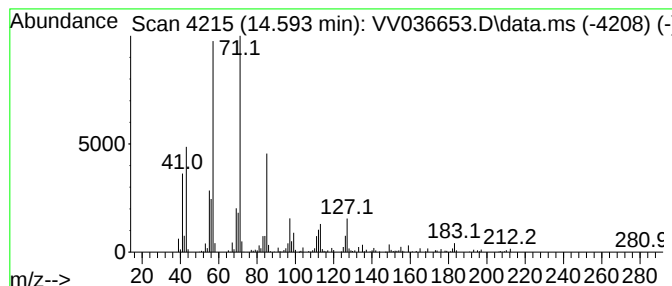
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Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	7.45 ug/L	315742	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4			Decane, 5-propyl-	184	C13H28	017312-62-8	72
5			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

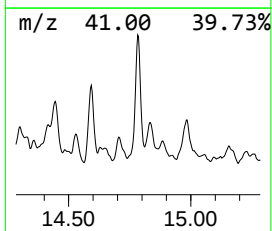
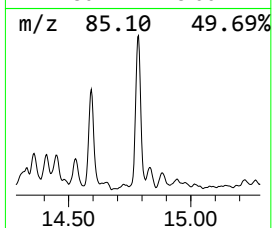
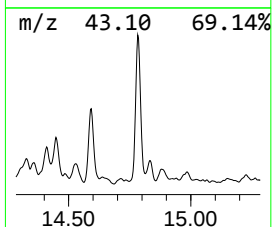
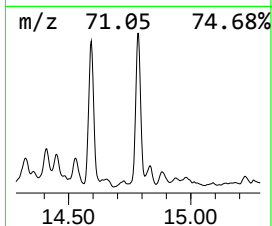
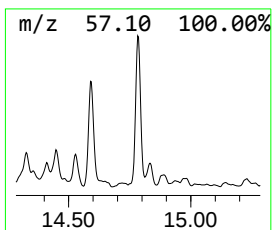
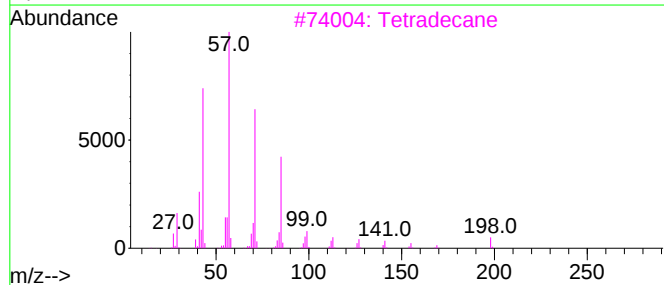
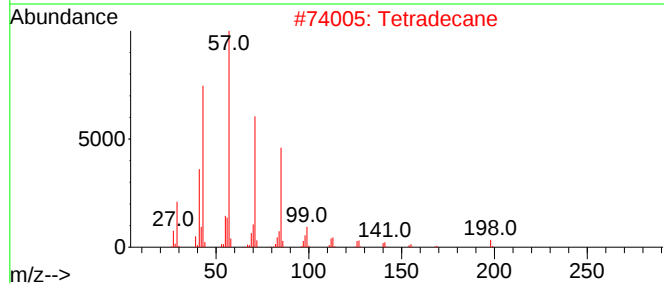
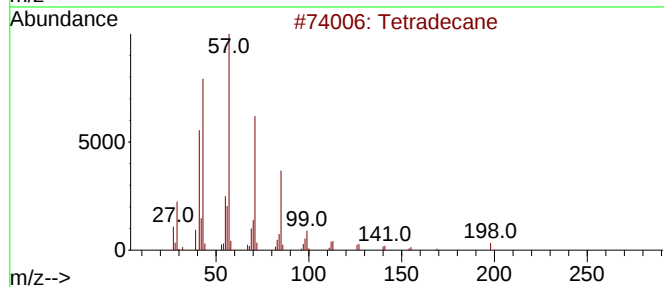
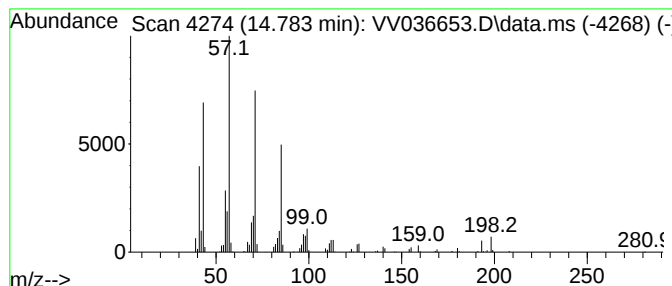
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.783	8.62 ug/L	365279	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Tetradecane	198	C14H30	000629-59-4	94
3			Tetradecane	198	C14H30	000629-59-4	94
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

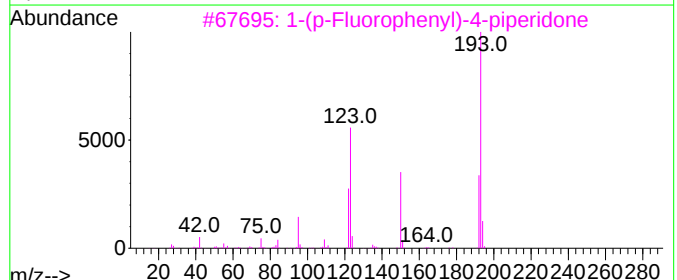
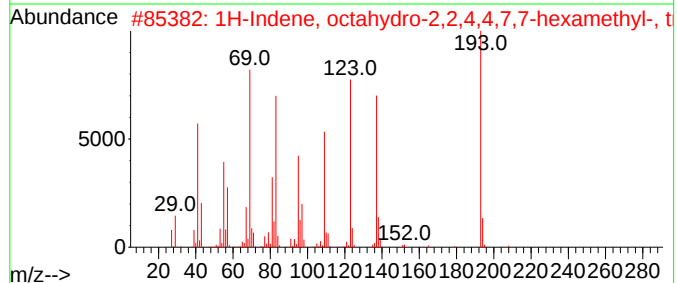
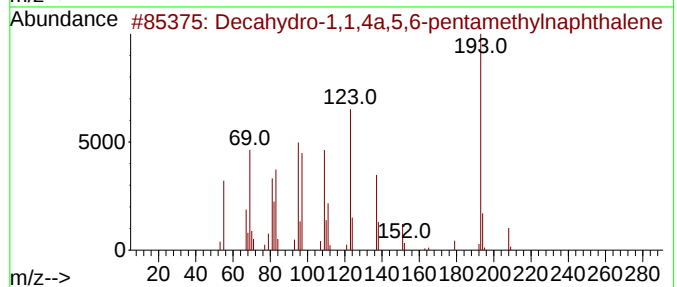
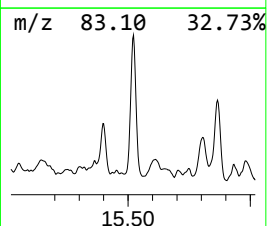
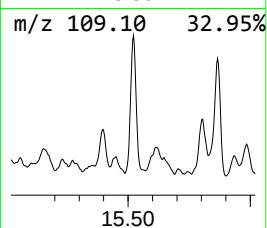
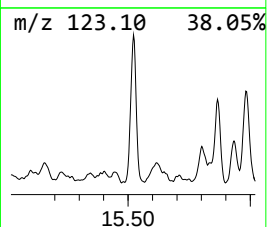
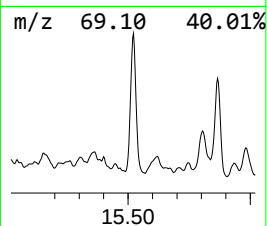
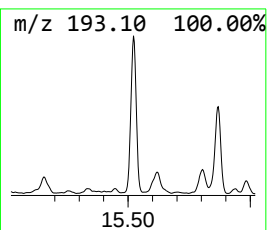
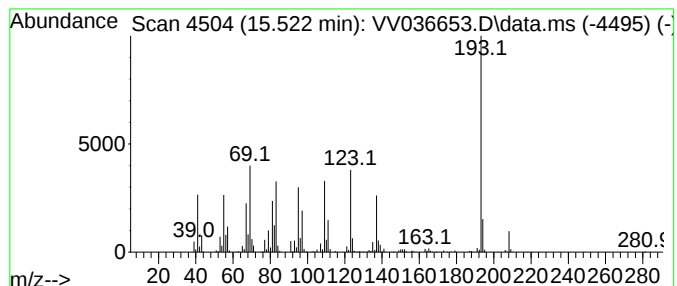
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Quant Title : VOC Analysis

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

Peak Number 42 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.522	21.81 ug/L	924045	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	70
2			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
3			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
4			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
5			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

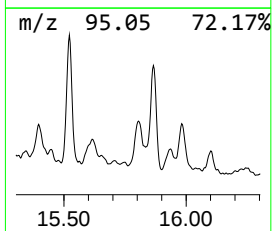
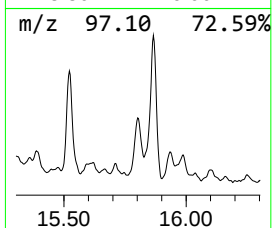
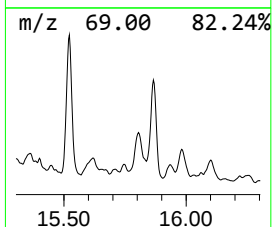
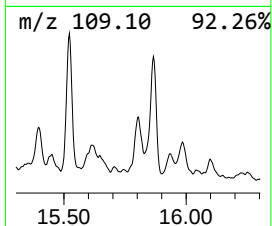
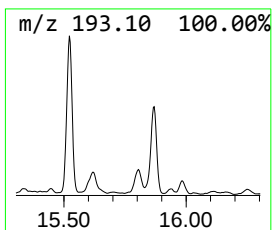
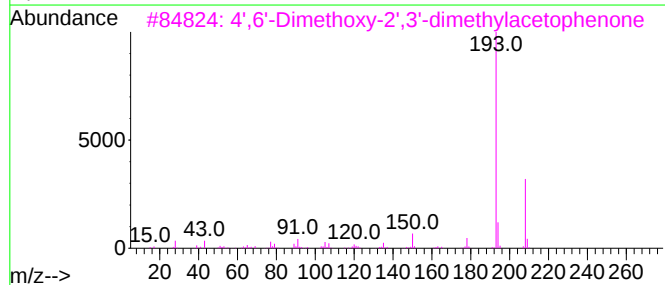
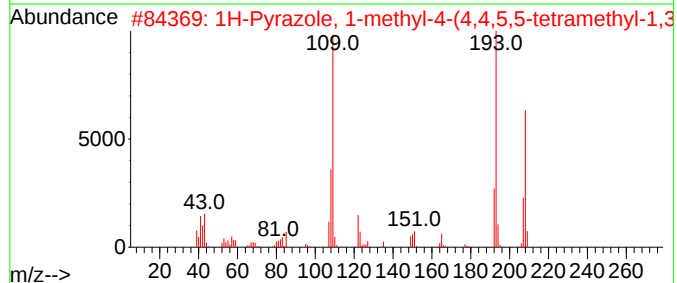
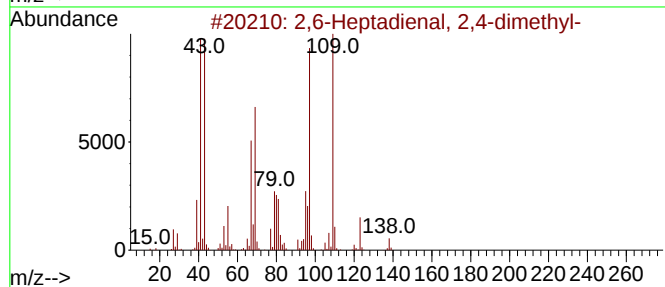
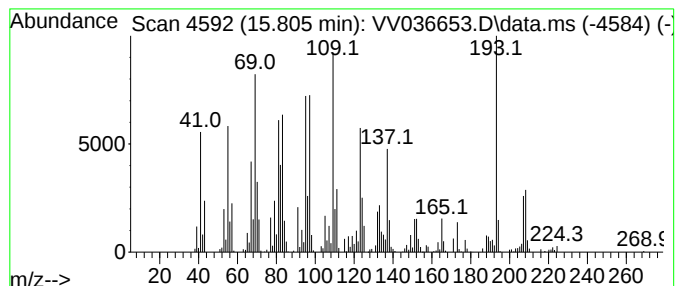
Instrument :
MSVOA_V
ClientSampleId :
E20J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 43 unknown-04 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.805	7.99 ug/L	338474	1,4-Dichlorobenzene-d4	11.182	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	45
2	1H-Pyrazole, 1-methyl-4-(4,4,5,5...	208	C10H17BN2O2	1000319-69-0	41
3	4',6'-Dimethoxy-2',3'-dimethylac...	208	C12H16O3	1010244-80-3	25
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

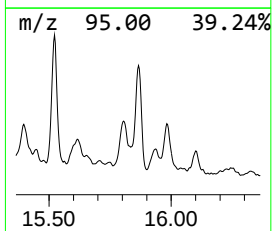
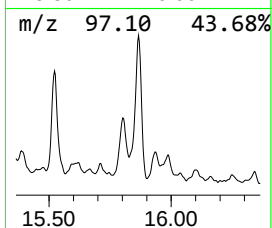
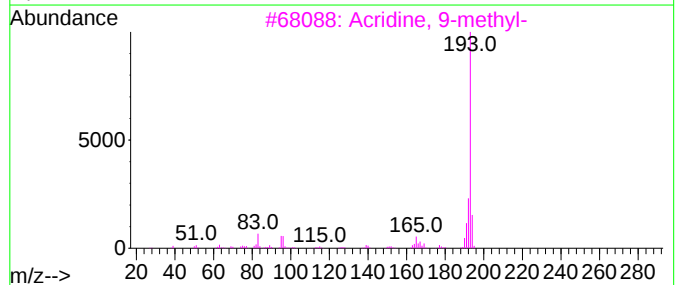
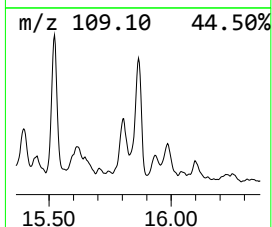
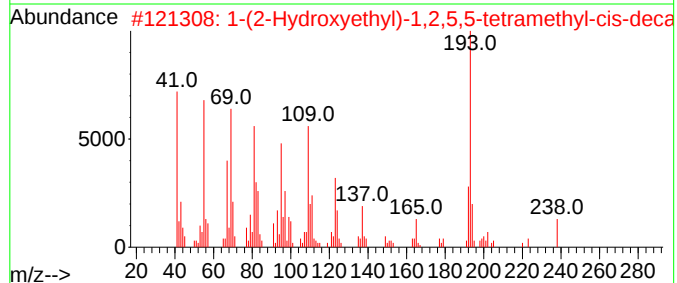
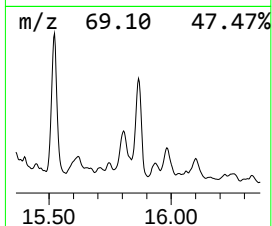
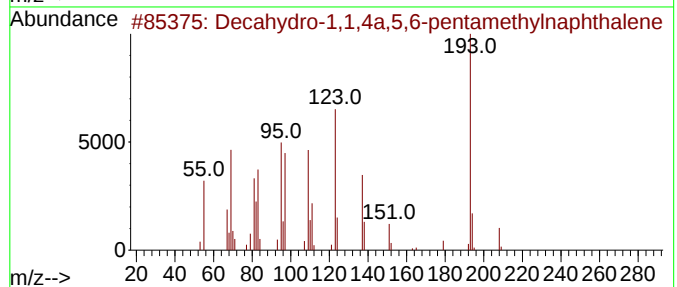
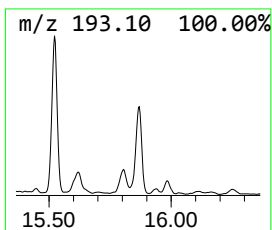
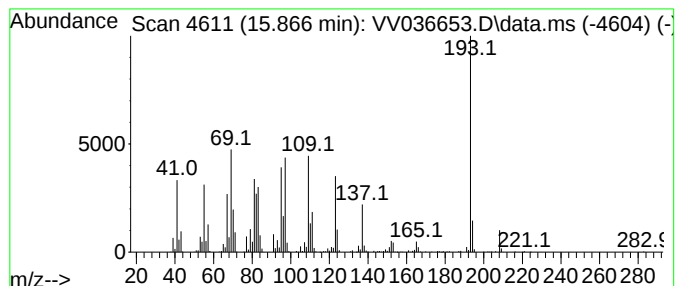
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Quant Title : VOC Analysis

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

Peak Number 44 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.866	16.76 ug/L	709885	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	93
2			1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	50
3			Acridine, 9-methyl-	193	C14H11N	000611-64-3	35
4			2-Anthracenamine	193	C14H11N	000613-13-8	35
5			1-[(1-Ethynylcyclohexyl)oxy]-3-[...	374	C22H31FN2O2	1000511-22-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036653.D
Acq On : 23 Jul 2024 17:49
Operator : SY/MD
Sample : P3276-11
Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20J0

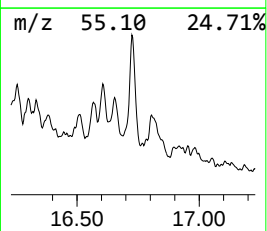
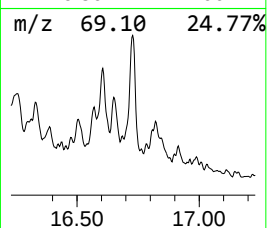
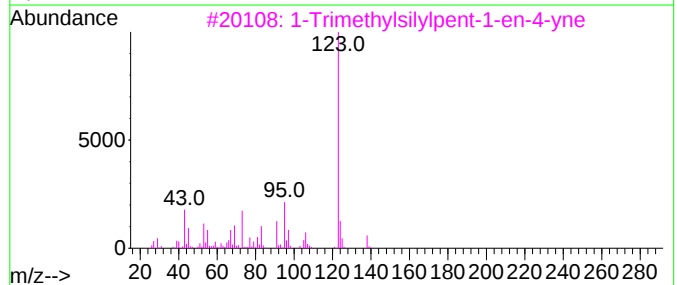
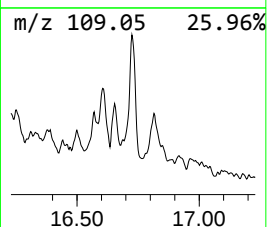
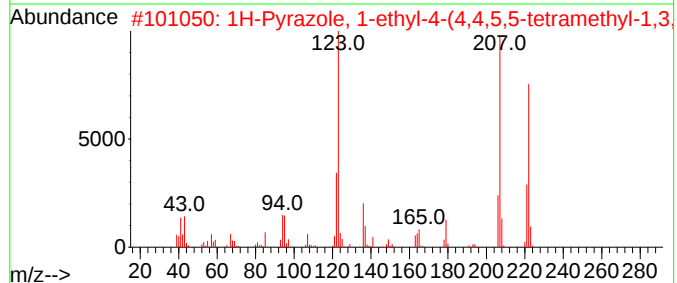
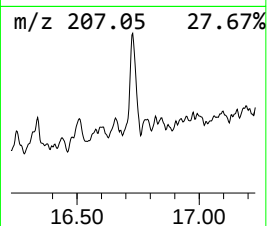
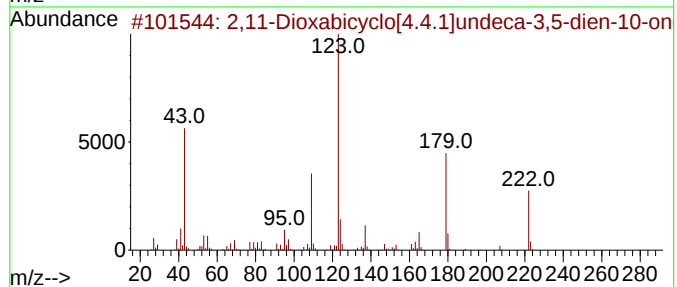
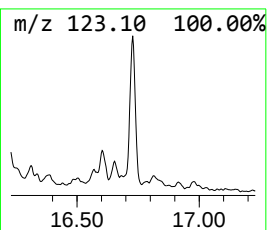
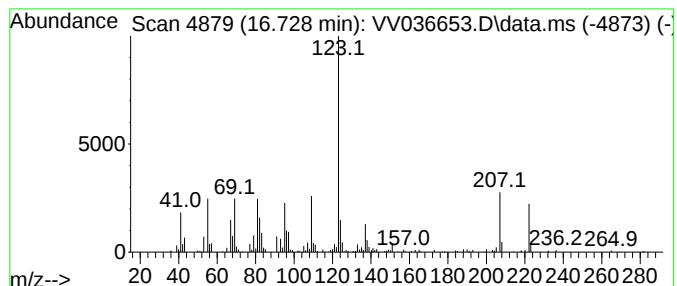
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Quant Title : VOC Analysis

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

Peak Number 45 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	3.73 ug/L	158200	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	64
2			1H-Pyrazole, 1-ethyl-4-(4,4,5,5-...	222	C11H19BN2O2	1010319-69-6	59
3			1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	49
4			3-Fluorobenzoic acid, undec-2-en...	292	C18H25FO2	1000292-60-8	47
5			Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036653.D
 Acq On : 23 Jul 2024 17:49
 Operator : SY/MD
 Sample : P3276-11
 Misc : 7.62g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.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: C...	8.522	2.1	ug/L	97647	2	8.783	1169900	25.0
(DEL) Alkane: S...	8.600	2.0	ug/L	93252	2	8.783	1169900	25.0
(DEL) Alkane: S...	8.722	2.6	ug/L	120716	2	8.783	1169900	25.0
(DEL) Alkane: C...	8.921	1.6	ug/L	73710	2	8.783	1169900	25.0
(DEL) Alkane: S...	9.037	3.4	ug/L	156755	2	8.783	1169900	25.0
(DEL) Alkane: C...	9.085	5.9	ug/L	277405	2	8.783	1169900	25.0
(DEL) Alkane: S...	9.137	25.7	ug/L	1200720	2	8.783	1169900	25.0
(DEL) Alkane: C...	9.249	2.3	ug/L	106626	2	8.783	1169900	25.0
(DEL) Alkane: C...	9.407	9.8	ug/L	458682	2	8.783	1169900	25.0
(DEL) Alkane: S...	9.513	3.4	ug/L	161139	2	8.783	1169900	25.0
(DEL) Alkane: C...	9.609	3.0	ug/L	139396	2	8.783	1169900	25.0
(DEL) Alkane: S...	9.645	21.6	ug/L	1009790	2	8.783	1169900	25.0
(DEL) Alkane: C...	9.731	22.7	ug/L	1064070	2	8.783	1169900	25.0
(DEL) Alkane: S...	9.783	11.5	ug/L	536765	2	8.783	1169900	25.0
(DEL) Alkane: S...	9.953	9.1	ug/L	423374	2	8.783	1169900	25.0
(DEL) Alkane: S...	10.021	19.3	ug/L	815598	3	11.182	1059190	25.0
unknown-01	10.053	15.9	ug/L	673530	3	11.182	1059190	25.0
(DEL) Alkane: C...	10.326	9.3	ug/L	396265	3	11.182	1059190	25.0
(DEL) Alkane: C...	10.384	8.0	ug/L	338737	3	11.182	1059190	25.0
unknown-02	10.661	3.8	ug/L	159410	3	11.182	1059190	25.0
(DEL) Alkane: S...	10.969	4.0	ug/L	167819	3	11.182	1059190	25.0
(DEL) Alkane: S...	11.034	8.3	ug/L	350598	3	11.182	1059190	25.0
(DEL) Alkane: C...	11.088	16.1	ug/L	679896	3	11.182	1059190	25.0
(DEL) Alkane: S...	11.275	3.0	ug/L	125671	3	11.182	1059190	25.0
(DEL) Alkane: S...	11.310	9.3	ug/L	393551	3	11.182	1059190	25.0
(DEL) Alkane: S...	11.400	8.6	ug/L	363070	3	11.182	1059190	25.0
(DEL) Alkane: S...	11.728	37.0	ug/L	1565430	3	11.182	1059190	25.0
(DEL) Alkane: C...	12.304	10.4	ug/L	438314	3	11.182	1059190	25.0
unknown-03	12.403	9.6	ug/L	405137	3	11.182	1059190	25.0
(DEL) Alkane: S...	12.442	5.5	ug/L	232477	3	11.182	1059190	25.0
(DEL) Alkane: S...	12.529	4.1	ug/L	174325	3	11.182	1059190	25.0
Oxalic acid, bu...	12.738	2.9	ug/L	123459	3	11.182	1059190	25.0
(DEL) Alkane: S...	12.825	38.4	ug/L	1626080	3	11.182	1059190	25.0
(DEL) Alkane: S...	12.979	25.0	ug/L	1060510	3	11.182	1059190	25.0
(DEL) Alkane: S...	13.480	9.5	ug/L	401132	3	11.182	1059190	25.0
(DEL) Alkane: S...	13.580	19.3	ug/L	817489	3	11.182	1059190	25.0
(DEL) Alkane: S...	13.837	26.9	ug/L	1141320	3	11.182	1059190	25.0
(DEL) Alkane: S...	14.593	7.5	ug/L	315742	3	11.182	1059190	25.0
(DEL) Alkane: S...	14.783	8.6	ug/L	365279	3	11.182	1059190	25.0
Decahydro-1,1,4...	15.522	21.8	ug/L	924045	3	11.182	1059190	25.0
unknown-04	15.805	8.0	ug/L	338474	3	11.182	1059190	25.0
unknown-05	15.866	16.8	ug/L	709885	3	11.182	1059190	25.0
2,11-Dioxabicyc...	16.728	3.7	ug/L	158200	3	11.182	1059190	25.0