

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036526.D
 Acq On : 15 Jul 2024 14:37
 Operator : SY/MD
 Sample : P3215-11RE
 Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D24RE

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\SFAMVLM071124SMA.M
 Title : VOC Analysis

Signal : TIC: VV036526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	42	46	49	rBV	2776	2365	0.20%	0.011%
2	1.272	65	72	91	rVB	181714	201842	17.38%	0.963%
3	1.526	144	151	166	rVB	158273	186646	16.07%	0.891%
4	2.050	304	314	329	rBV	334321	477254	41.10%	2.277%
5	2.140	332	342	364	rVV	30281	87615	7.54%	0.418%
6	2.230	365	370	380	rVB	8638	13299	1.15%	0.063%
7	2.442	423	436	456	rVB	60291	104626	9.01%	0.499%
8	2.645	494	499	505	rBV4	377	443	0.04%	0.002%
9	2.892	568	576	578	rBV4	1527	1921	0.17%	0.009%
10	2.960	587	597	613	rVB3	8406	17646	1.52%	0.084%
11	3.670	815	818	825	rVB4	470	522	0.04%	0.002%
12	3.838	859	870	884	rBV2	16091	51586	4.44%	0.246%
13	4.246	980	997	1029	rBV	182526	479163	41.26%	2.286%
14	4.564	1092	1096	1098	rBV2	633	601	0.05%	0.003%
15	4.654	1120	1124	1125	rBV	1024	529	0.05%	0.003%
16	4.815	1166	1174	1175	rBV4	2106	2253	0.19%	0.011%
17	4.953	1202	1217	1252	rBV2	393307	1009317	86.92%	4.816%
18	5.149	1274	1278	1280	rBV5	1227	1014	0.09%	0.005%
19	5.233	1293	1304	1317	rVB9	3189	7642	0.66%	0.036%
20	5.532	1382	1397	1432	rBV	352063	745593	64.21%	3.558%
21	5.741	1458	1462	1465	rBV3	505	436	0.04%	0.002%
22	5.757	1465	1467	1476	rVB4	588	589	0.05%	0.003%
23	5.831	1479	1490	1508	rBV3	9880	23499	2.02%	0.112%
24	5.985	1522	1538	1573	rBV	221607	519329	44.72%	2.478%
25	6.120	1577	1580	1588	rVV5	3470	4747	0.41%	0.023%
26	6.175	1589	1597	1606	rVB9	3560	7189	0.62%	0.034%
27	6.278	1625	1629	1632	rBV3	973	936	0.08%	0.004%
28	6.384	1647	1662	1677	rBV6	10457	22160	1.91%	0.106%
29	6.551	1703	1714	1730	rBV6	12505	27172	2.34%	0.130%
30	6.760	1768	1779	1787	rBV3	4270	8128	0.70%	0.039%
31	6.805	1791	1793	1803	rVB5	3086	3076	0.26%	0.015%
32	6.915	1812	1827	1852	rBV2	77195	164055	14.13%	0.783%
33	7.040	1860	1866	1875	rVB9	2952	4481	0.39%	0.021%
34	7.088	1875	1881	1896	rVB9	3877	9112	0.78%	0.043%
35	7.188	1898	1912	1919	rBV4	35791	70744	6.09%	0.338%
36	7.243	1919	1929	1953	rVB	349217	635144	54.69%	3.031%

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Title : VOC Analysis

37	7.368	1960	1968	1977	rVB7	7850	12636	1.09%	0.060%
38	7.413	1977	1982	1983	rVV4	2313	2229	0.19%	0.011%
39	7.439	1984	1990	2005	rVB6	13987	27107	2.33%	0.129%
40	7.516	2008	2014	2015	rBV3	1344	1040	0.09%	0.005%
41	7.577	2018	2033	2050	rBV2	51767	155493	13.39%	0.742%
42	7.715	2063	2076	2087	rBV4	11606	21668	1.87%	0.103%
43	7.780	2087	2096	2100	rBV8	2638	4044	0.35%	0.019%
44	7.905	2122	2135	2148	rVB7	8327	20331	1.75%	0.097%
45	8.030	2151	2174	2198	rBV2	76973	207606	17.88%	0.991%
46	8.149	2200	2211	2222	rBV8	19009	47517	4.09%	0.227%
47	8.220	2223	2233	2242	rVB	42477	69674	6.00%	0.332%
48	8.281	2242	2252	2262	rBV2	85108	157244	13.54%	0.750%
49	8.435	2290	2300	2311	rVB5	21716	41757	3.60%	0.199%
50	8.522	2312	2327	2347	rBV5	51881	153661	13.23%	0.733%
51	8.651	2359	2367	2375	rBV6	4073	7054	0.61%	0.034%
52	8.715	2375	2387	2397	rBV6	16245	33012	2.84%	0.158%
53	8.783	2398	2408	2423	rBV	430565	710873	61.22%	3.392%
54	8.924	2443	2452	2469	rVB5	26629	53265	4.59%	0.254%
55	8.992	2469	2473	2476	rVV4	3657	3787	0.33%	0.018%
56	9.037	2477	2487	2495	rVV4	53576	113139	9.74%	0.540%
57	9.088	2496	2503	2510	rVV2	82882	142562	12.28%	0.680%
58	9.130	2510	2516	2542	rVB6	39588	101310	8.72%	0.483%
59	9.249	2542	2553	2566	rBV4	47872	87865	7.57%	0.419%
60	9.349	2575	2584	2587	rBV5	16293	24591	2.12%	0.117%
61	9.410	2587	2603	2620	rVB7	112849	268679	23.14%	1.282%
62	9.487	2620	2627	2629	rBV4	19038	22890	1.97%	0.109%
63	9.513	2630	2635	2648	rVB3	32987	55408	4.77%	0.264%
64	9.644	2657	2676	2685	rBV4	226475	480131	41.35%	2.291%
65	9.731	2696	2703	2712	rBV5	119011	198273	17.07%	0.946%
66	9.786	2712	2720	2731	rVB	224304	377793	32.53%	1.803%
67	9.847	2732	2739	2750	rVB4	57223	100714	8.67%	0.481%
68	9.908	2750	2758	2765	rBV4	56428	92070	7.93%	0.439%
69	9.953	2765	2772	2791	rVB4	114518	211643	18.23%	1.010%
70	10.062	2799	2806	2815	rVB4	48726	73534	6.33%	0.351%
71	10.172	2817	2840	2852	rBV4	300746	845575	72.82%	4.035%
72	10.326	2877	2888	2897	rBV5	96017	223860	19.28%	1.068%
73	10.445	2916	2925	2934	rBV2	236772	395265	34.04%	1.886%
74	10.506	2936	2944	2952	rVV7	89263	177321	15.27%	0.846%
75	10.615	2969	2978	2984	rBV5	34045	73924	6.37%	0.353%
76	10.657	2985	2991	2999	rVV3	89922	142274	12.25%	0.679%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Title : VOC Analysis

77	10.709	3002	3007	3015	rVB4	75605	105895	9.12%	0.505%
78	10.818	3032	3041	3059	rBV4	369440	829405	71.42%	3.957%
79	10.972	3082	3089	3093	rBV4	109279	157214	13.54%	0.750%
80	11.008	3094	3100	3103	rVV5	139626	199074	17.14%	0.950%
81	11.037	3104	3109	3117	rVV4	236719	352225	30.33%	1.681%
82	11.088	3119	3125	3132	rVB3	149864	210771	18.15%	1.006%
83	11.185	3147	3155	3164	rBV	335084	545965	47.01%	2.605%
84	11.352	3200	3207	3217	rVB5	125406	225699	19.44%	1.077%
85	11.564	3259	3273	3286	rVB6	293409	815509	70.23%	3.891%
86	11.873	3359	3369	3377	rBV4	289281	511164	44.02%	2.439%
87	11.924	3379	3385	3404	rVB7	180361	332024	28.59%	1.584%
88	12.062	3421	3428	3438	rVB2	204105	296023	25.49%	1.412%
89	12.194	3459	3469	3478	rBV4	273195	483806	41.66%	2.308%
90	12.303	3494	3503	3524	rBV4	386081	851179	73.30%	4.061%
91	12.403	3526	3534	3550	rVV6	325691	535799	46.14%	2.557%
92	12.574	3581	3587	3598	rBV4	121092	217792	18.75%	1.039%
93	12.741	3632	3639	3648	rVB3	164697	243113	20.94%	1.160%
94	12.979	3704	3713	3736	rVB7	433579	1161263	100.00%	5.541%
95	13.416	3845	3849	3859	rVB4	114194	132084	11.37%	0.630%
96	13.583	3893	3901	3912	rBV	502532	802256	69.08%	3.828%
97	13.863	3983	3988	3995	rVB4	141626	178953	15.41%	0.854%
98	14.593	4207	4215	4224	rBV	340017	496177	42.73%	2.367%
99	15.358	4446	4453	4460	rBV2	161041	209391	18.03%	0.999%
100	15.522	4498	4504	4517	rVB4	129118	233797	20.13%	1.116%

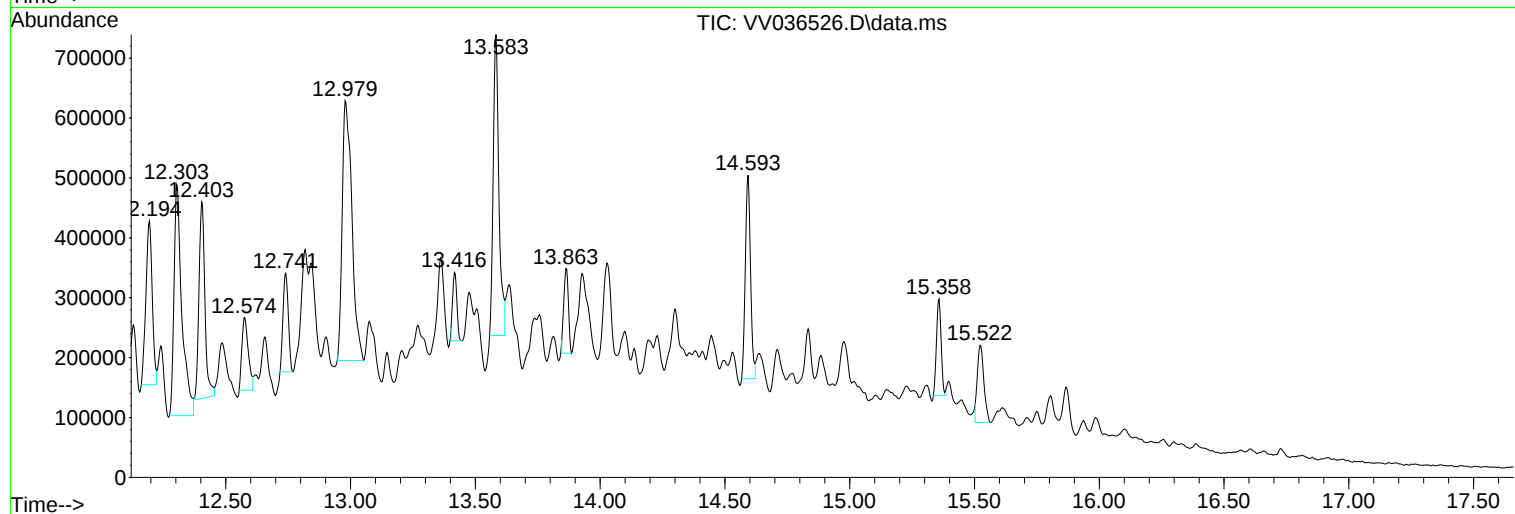
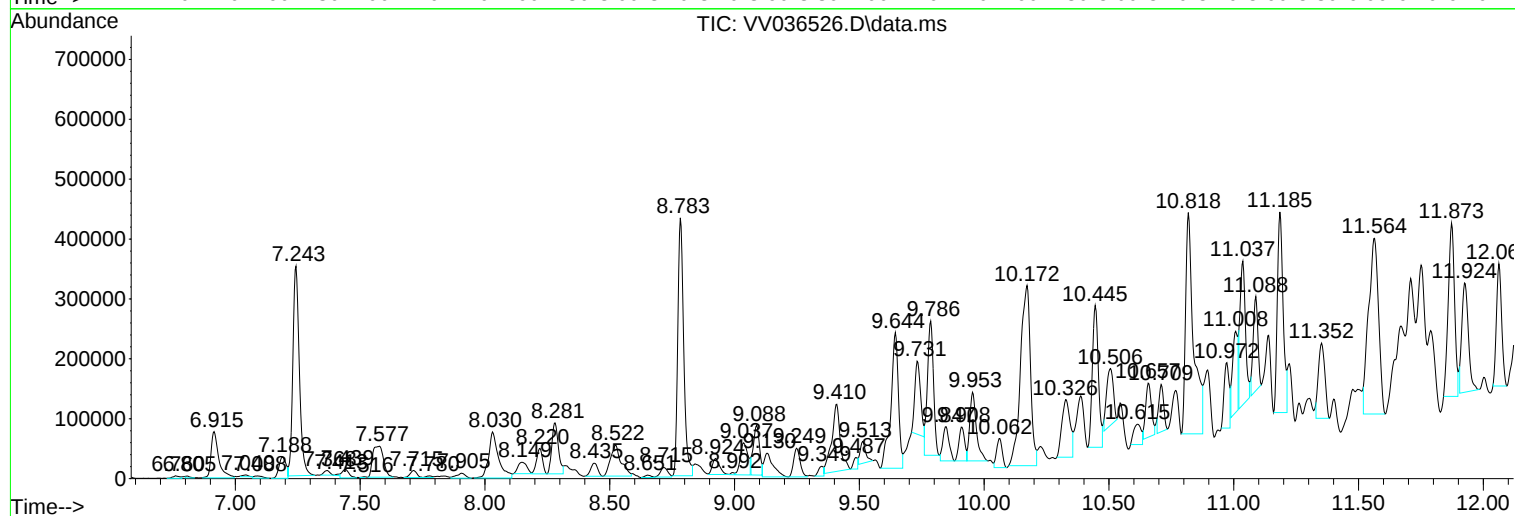
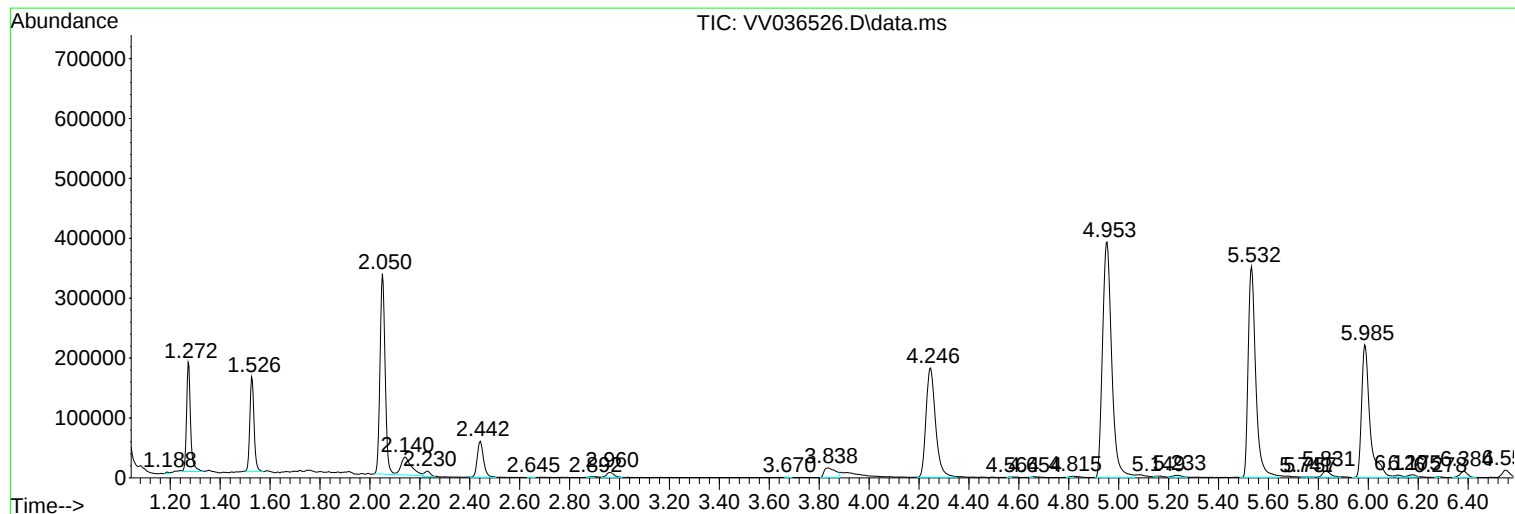
Sum of corrected areas: 20958071

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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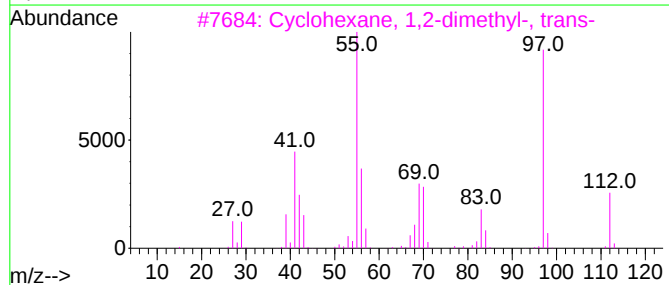
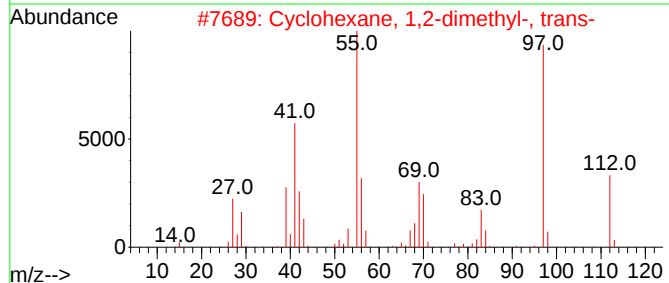
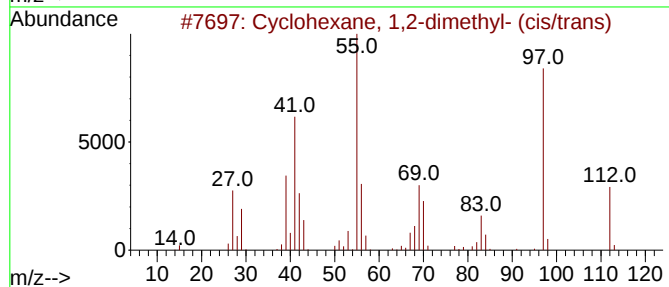
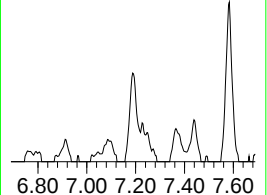
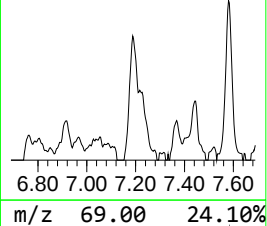
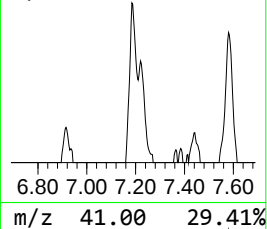
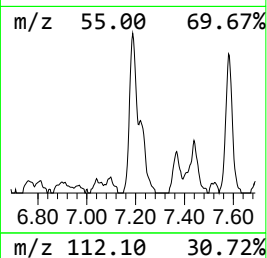
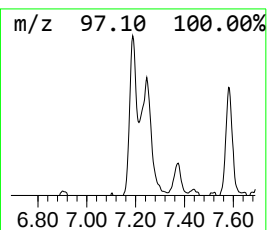
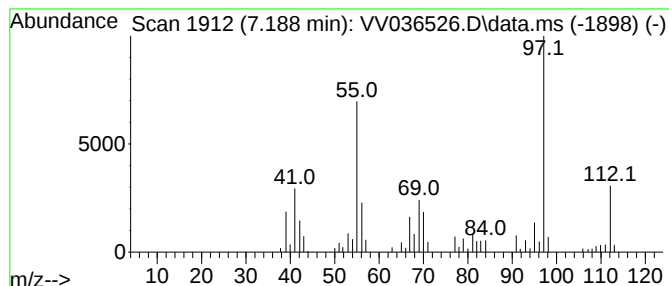
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic7.188 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.188	2.49 ug/L	70744	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	81
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80



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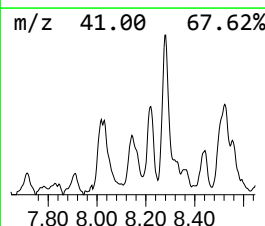
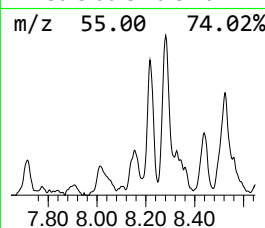
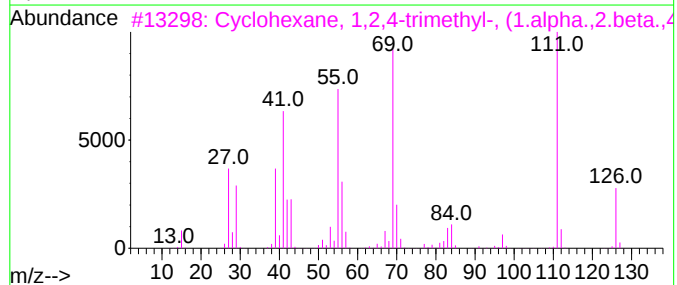
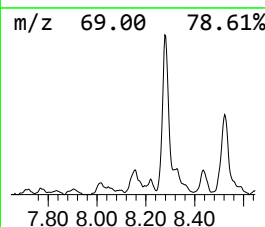
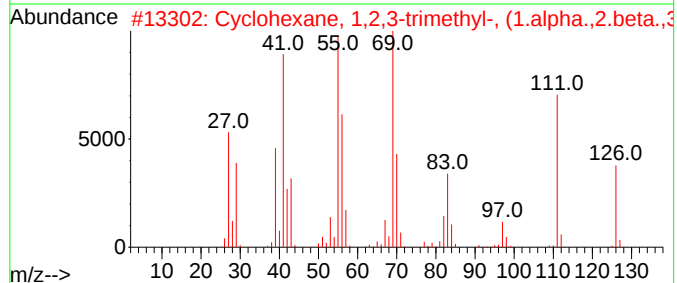
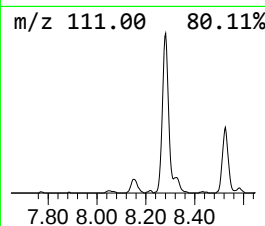
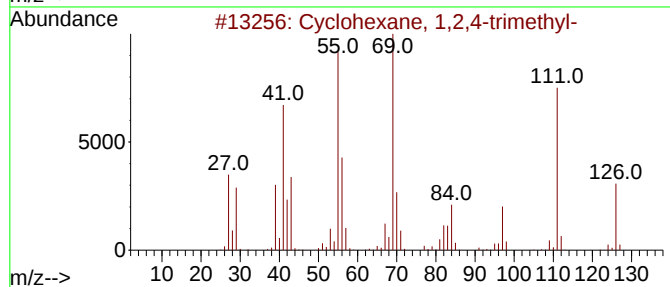
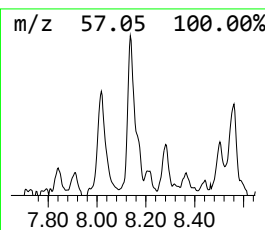
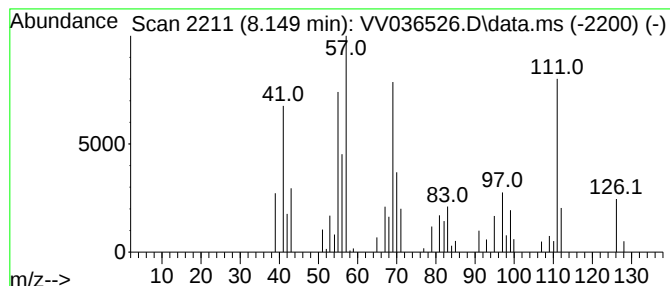
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic8.149 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.149	1.67 ug/L	47517	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
2			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	60
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	52
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	49
5			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	49



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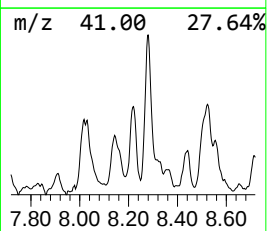
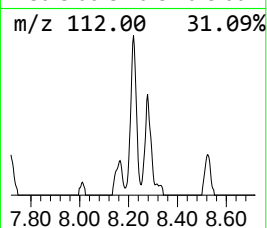
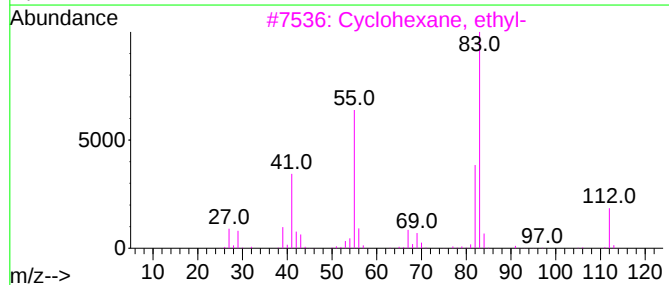
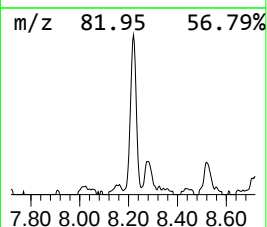
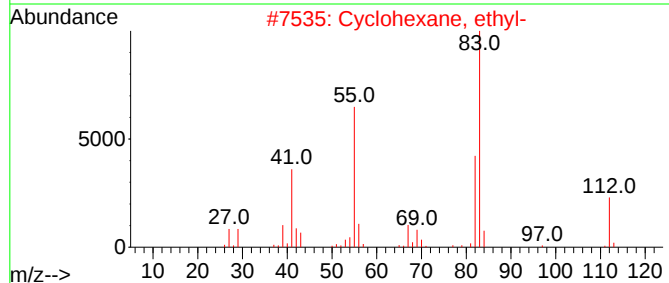
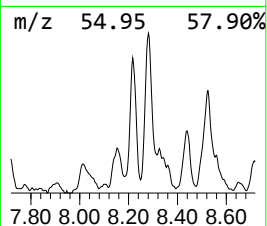
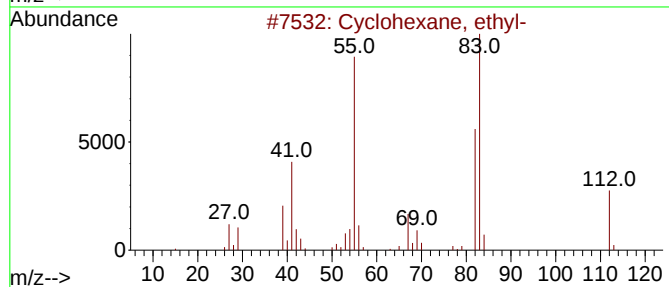
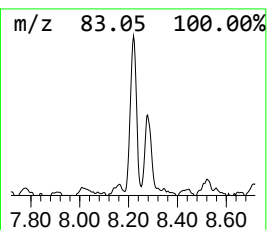
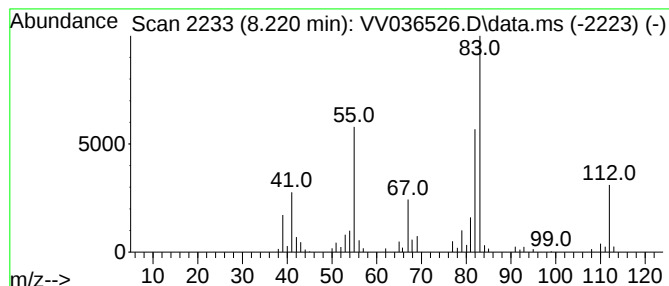
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic8.220 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.220	2.45 ug/L	69674	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

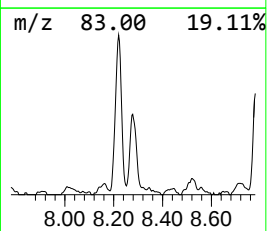
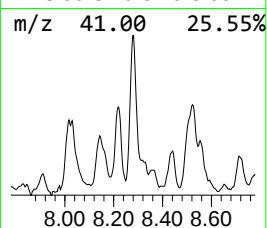
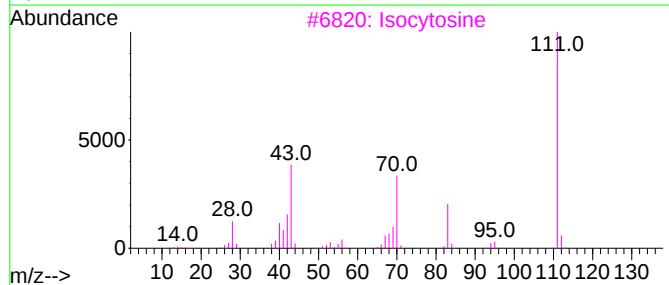
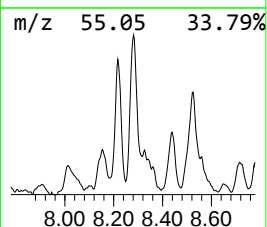
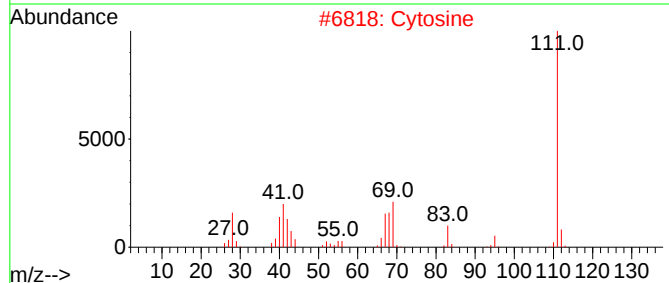
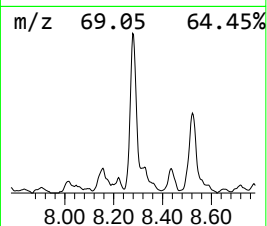
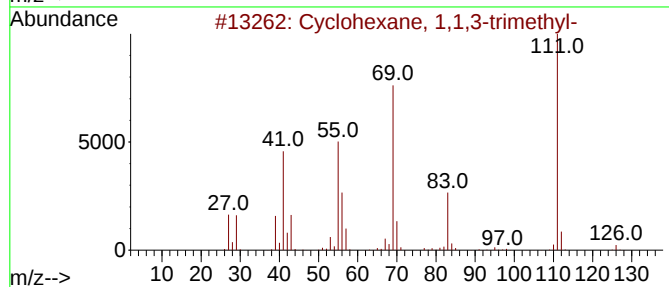
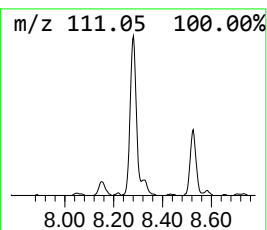
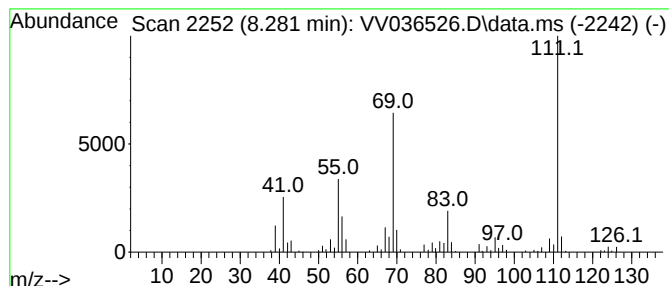
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic8.281 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	5.53 ug/L	157244	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cytosine	111	C4H5N3O	000071-30-7	64
3			Isocytosine	111	C4H5N3O	000108-53-2	64
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

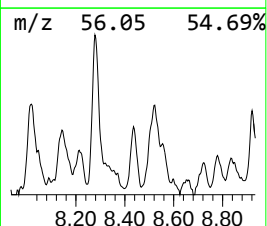
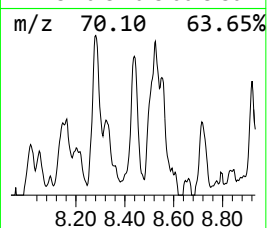
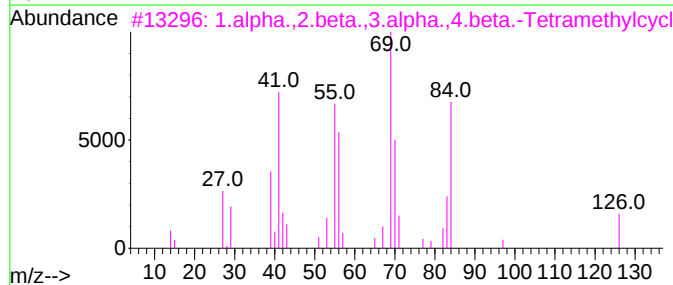
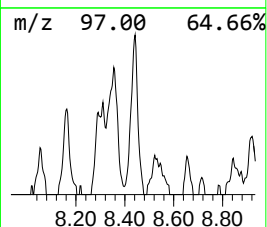
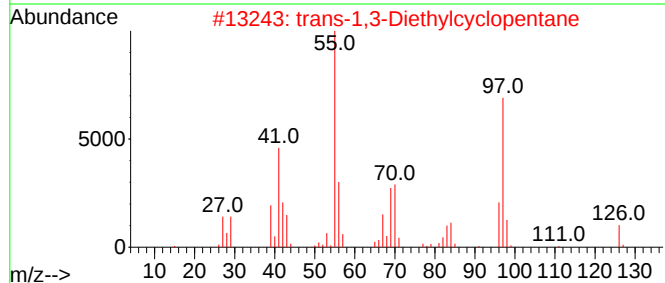
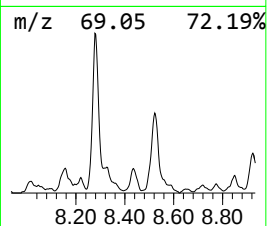
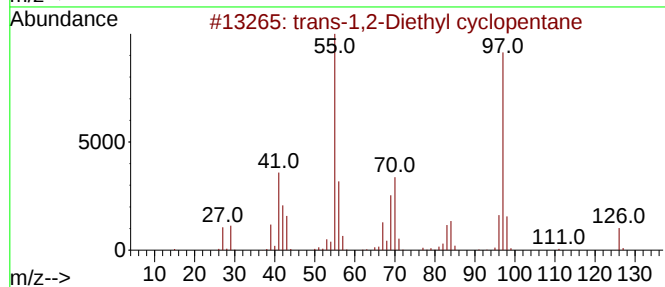
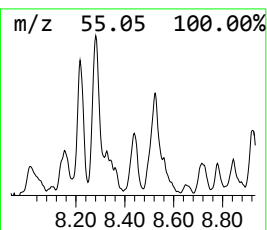
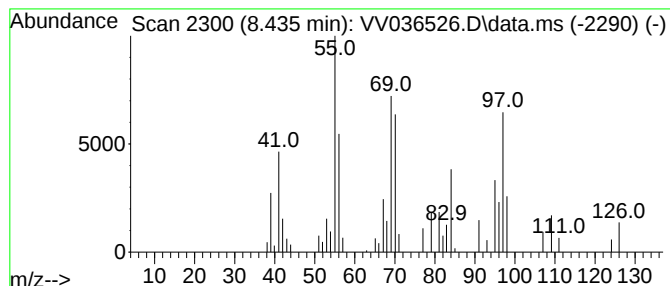
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic8.435 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.435	1.47 ug/L	41757	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	46
2			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	43
3			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	25
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	25
5			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

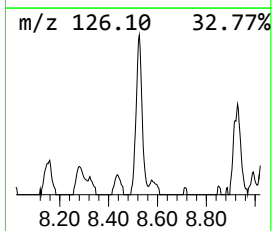
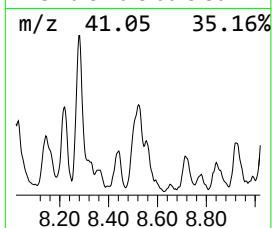
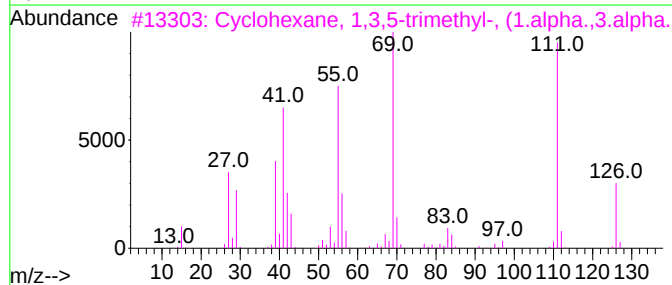
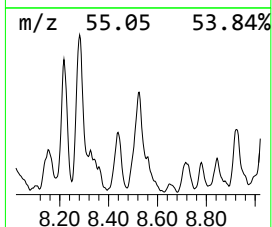
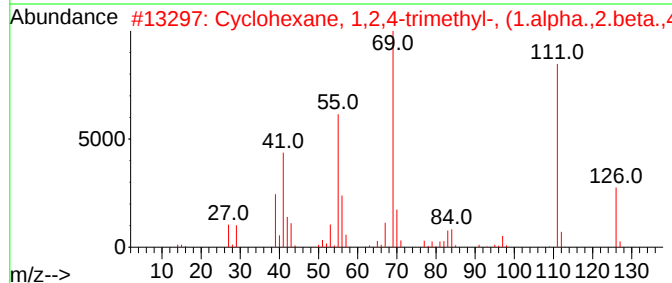
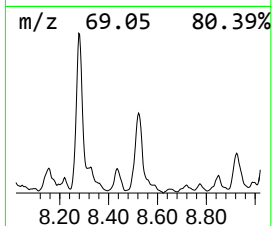
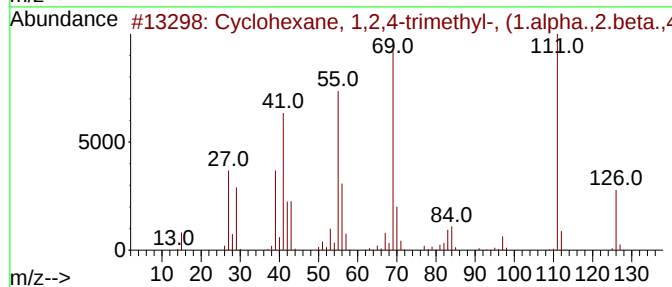
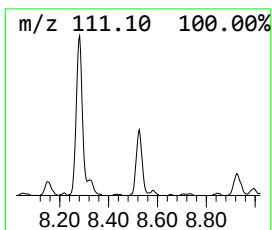
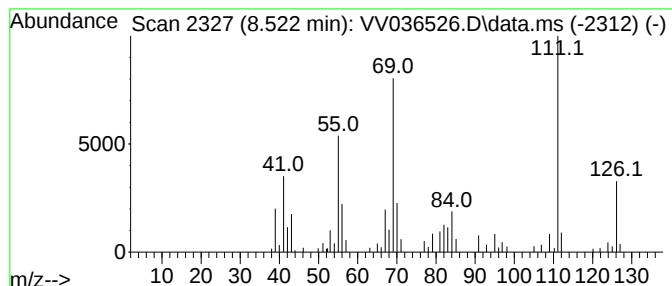
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic8.522 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	5.40 ug/L	153661	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	83
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

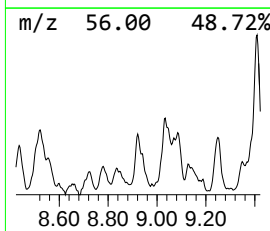
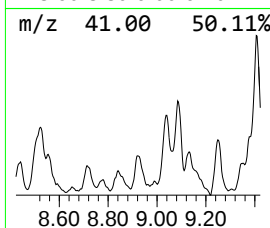
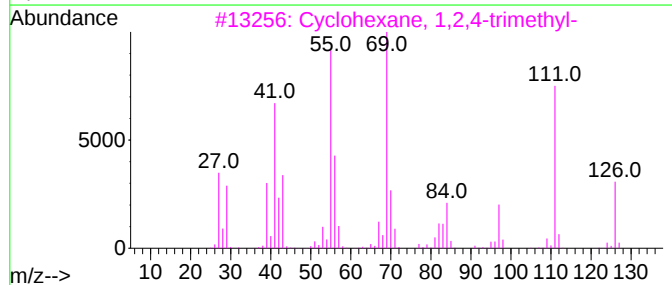
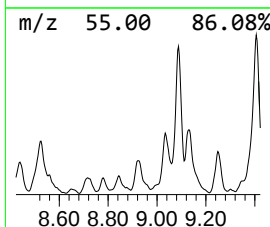
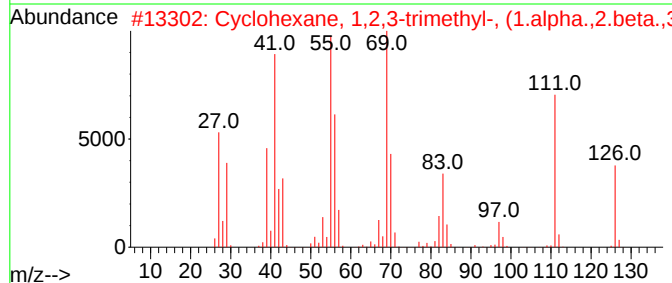
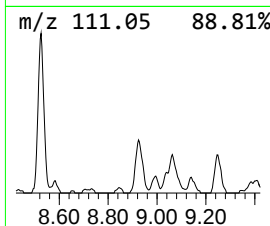
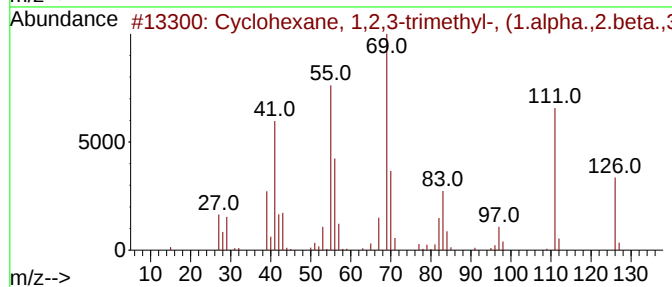
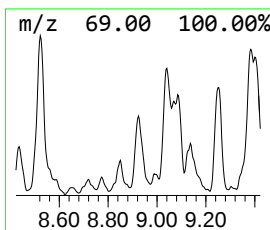
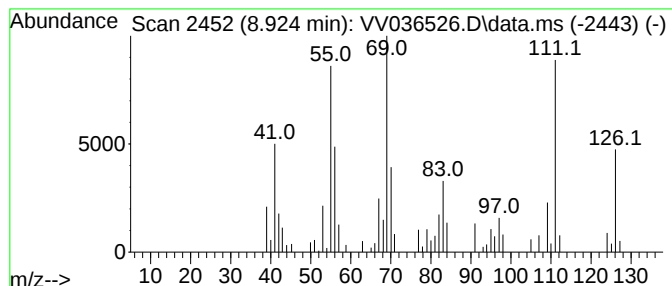
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic8.924 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.924	1.87 ug/L	53265	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	97
2			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	95
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	80
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

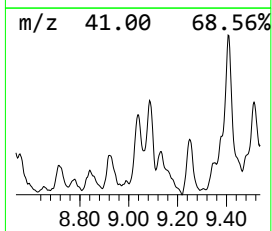
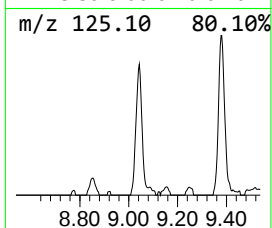
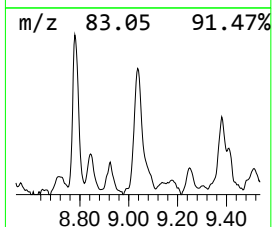
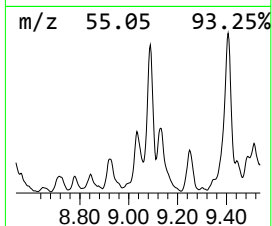
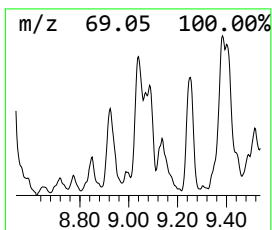
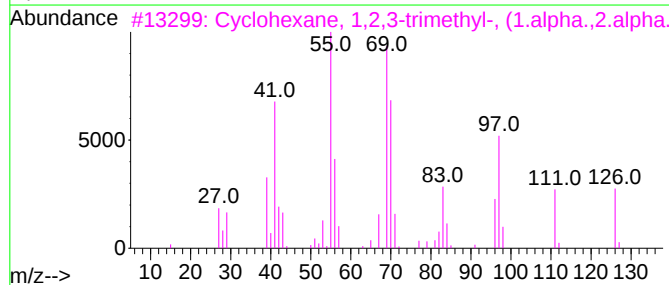
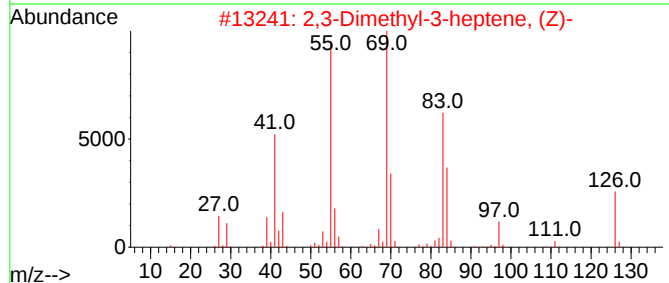
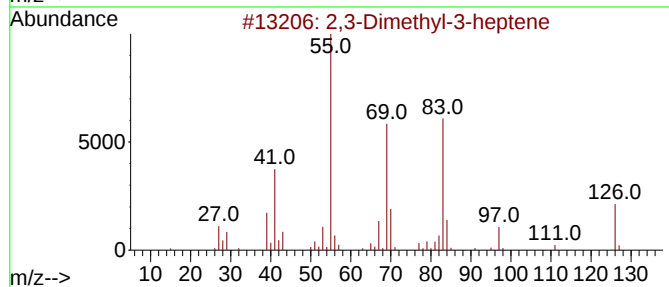
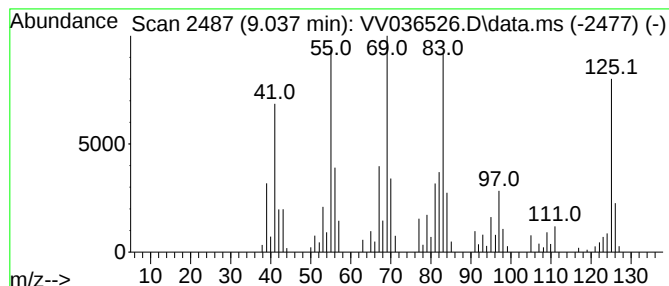
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	3.98 ug/L	113139	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	46
2			2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	38
3			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	38
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
5			2,4-Pentadien-1-ol, 3-propyl-, (...)	126	C8H14O	1000142-17-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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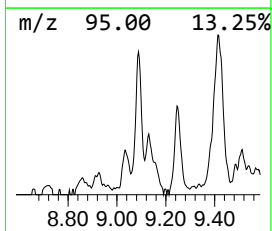
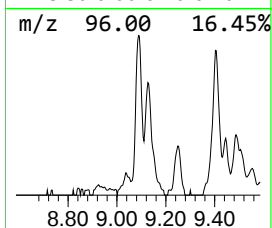
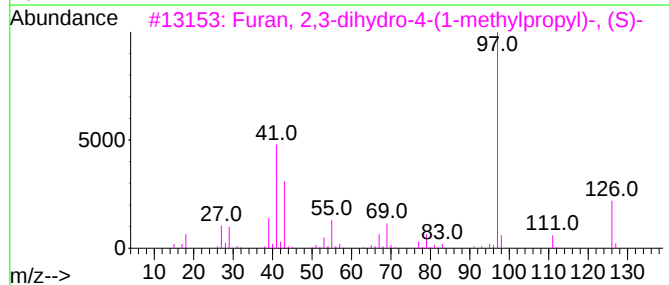
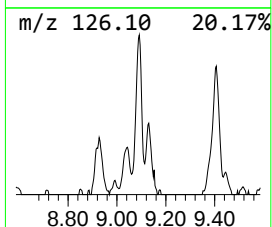
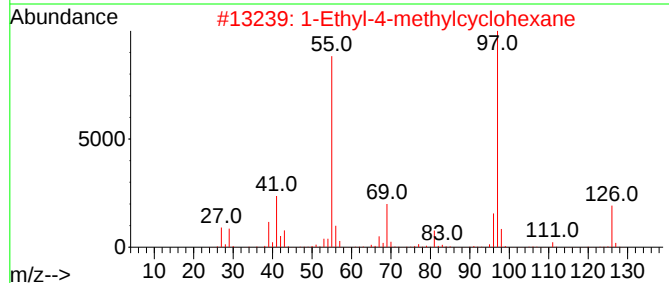
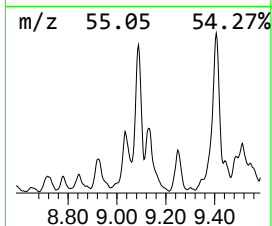
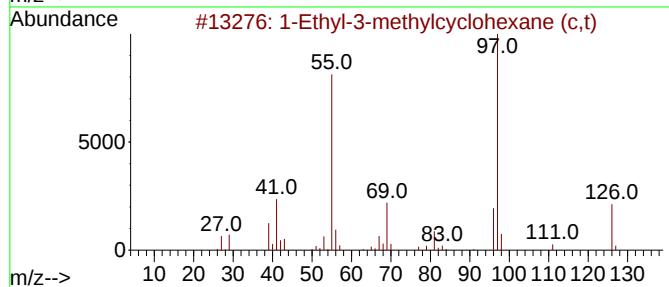
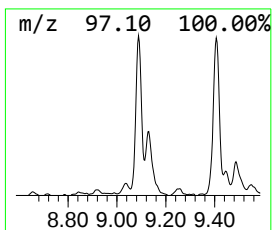
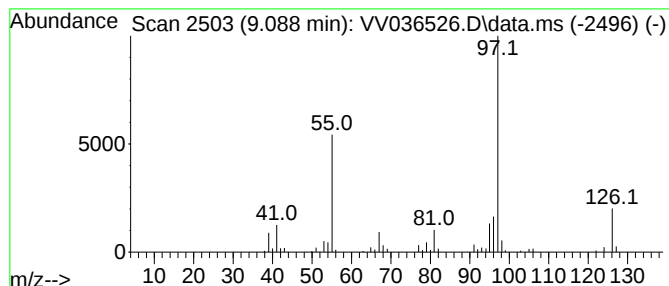
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic9.088 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.088	5.01 ug/L	142562	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	87
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
3			Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	64
4			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53
5			4-Octen-3-one	126	C8H14O	014129-48-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

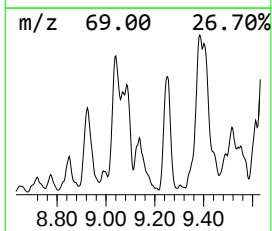
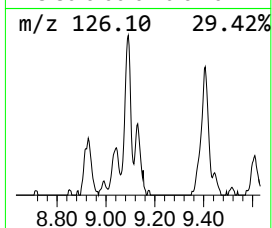
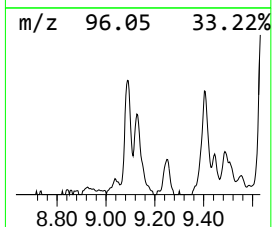
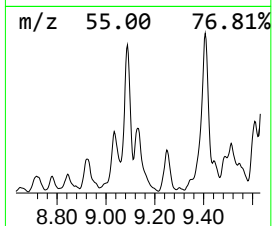
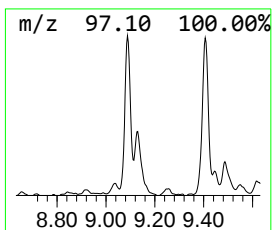
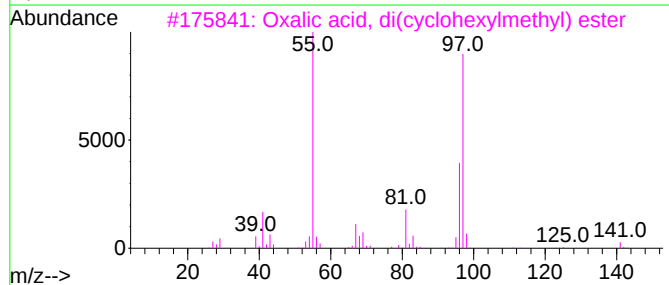
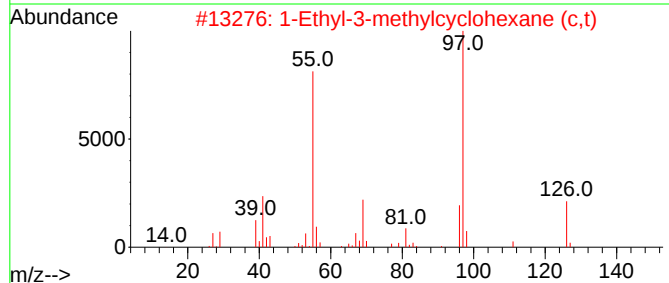
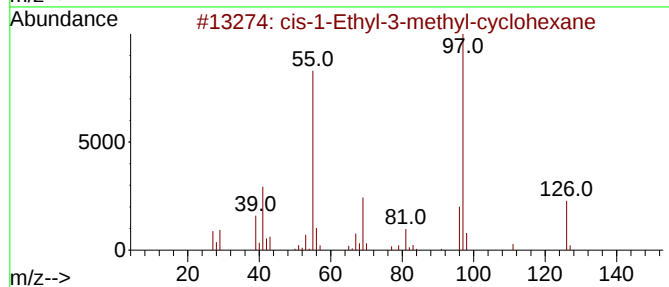
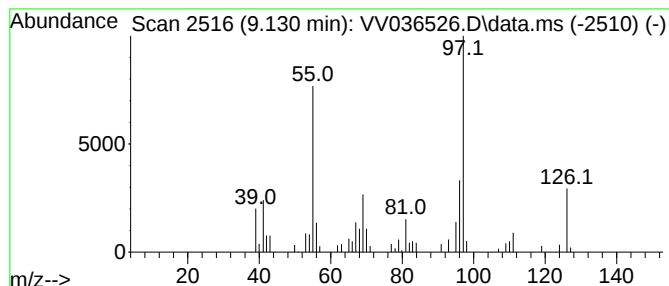
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic9.130 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.130	3.56 ug/L	101310	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	68
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3			Oxalic acid, di(cyclohexylmethyl)...	282	C16H26O4	1000309-68-5	59
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
5			Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

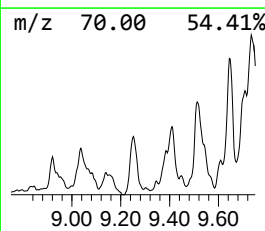
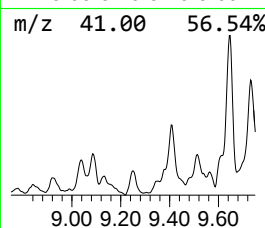
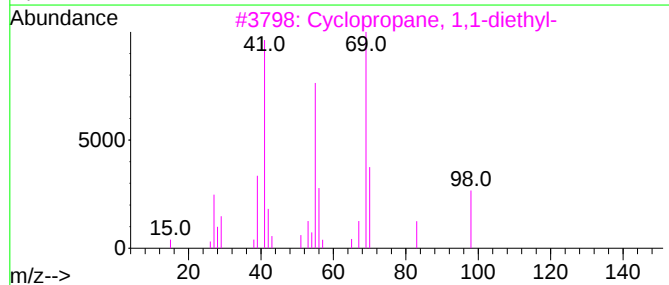
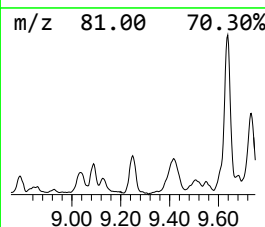
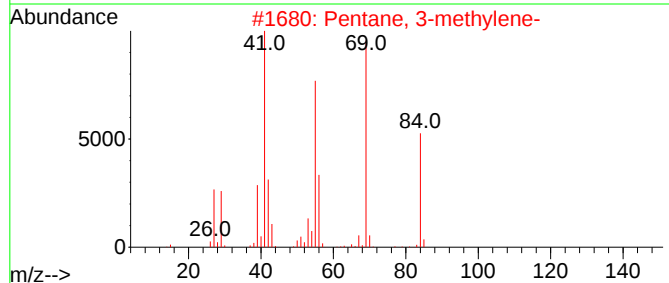
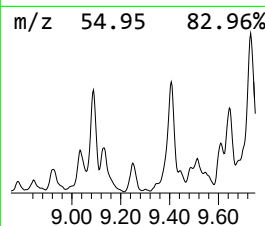
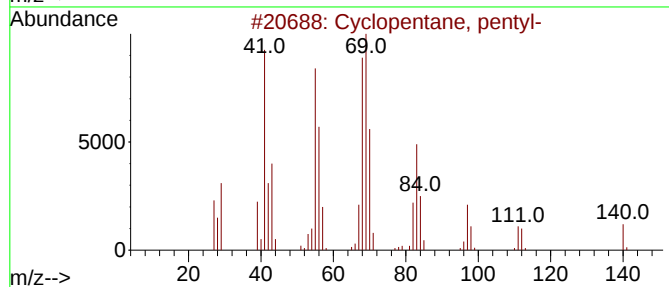
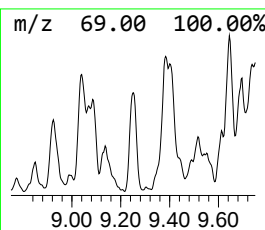
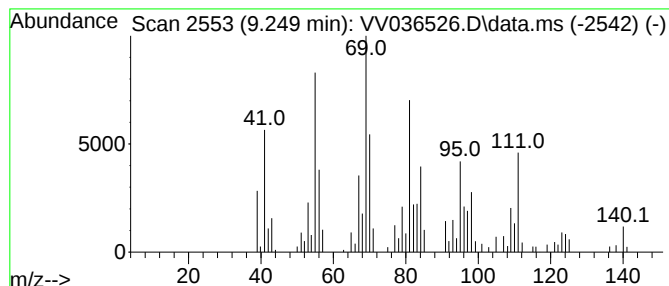
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic9.249 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.249	3.09 ug/L	87865	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, pentyl-	140	C10H20	003741-00-2	43
2			Pentane, 3-methylene-	84	C6H12	000760-21-4	38
3			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
4			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30
5			3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

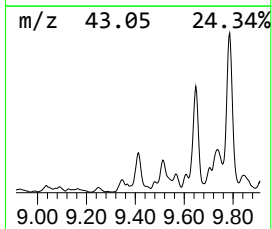
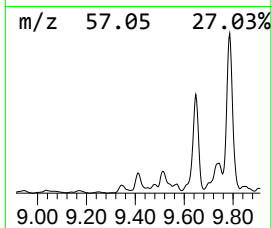
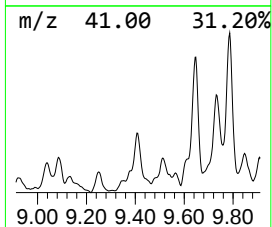
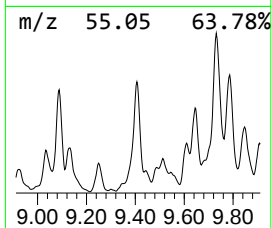
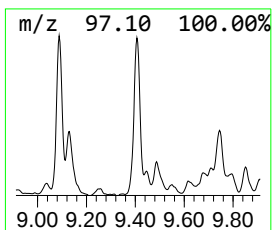
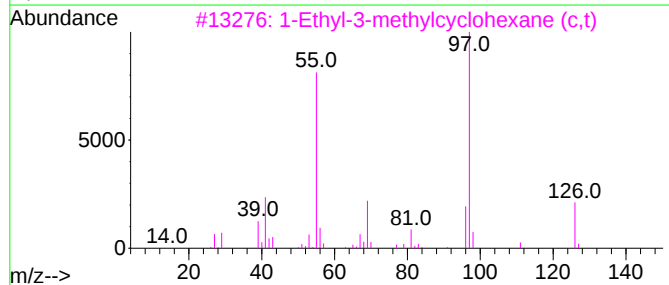
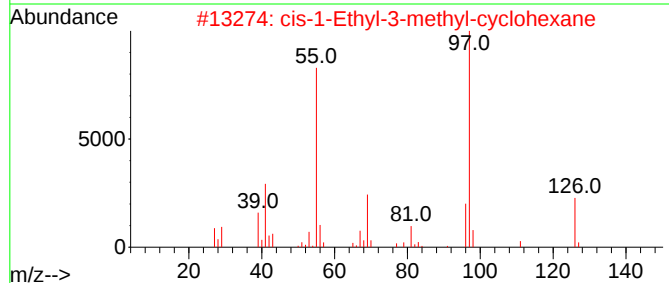
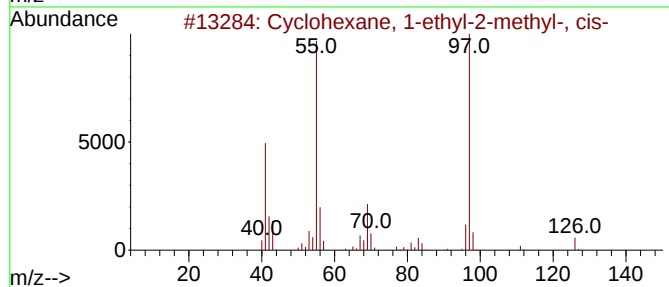
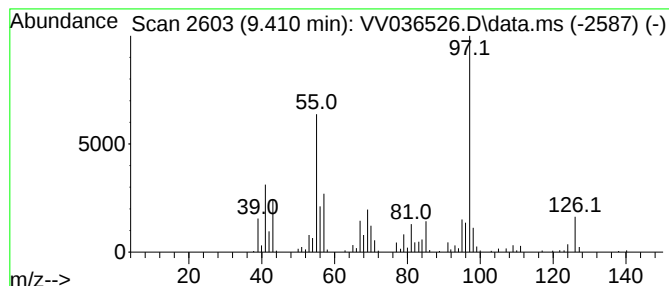
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic9.410 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	9.45 ug/L	268679	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	76
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	70
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	70
4			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	64
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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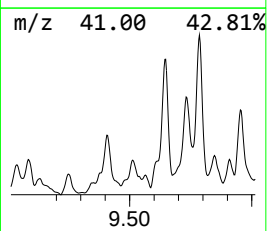
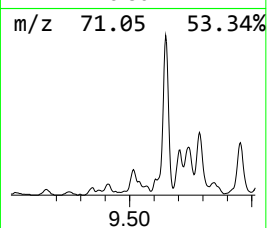
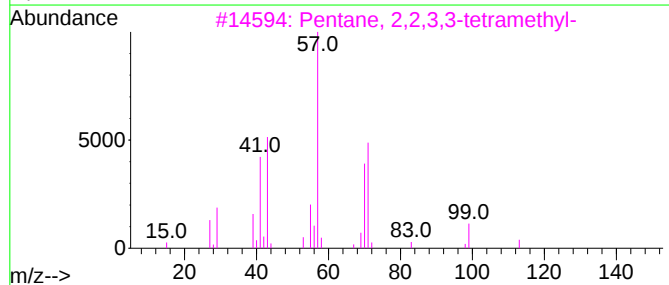
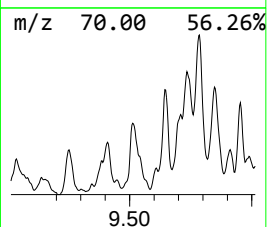
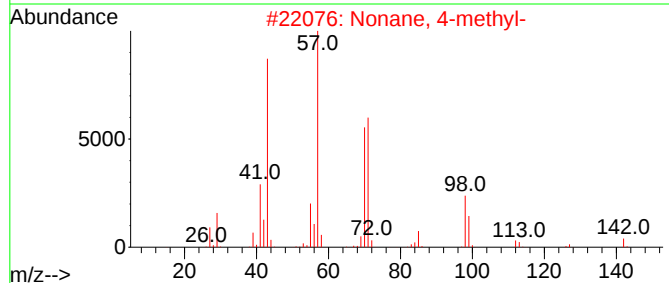
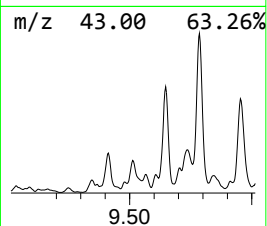
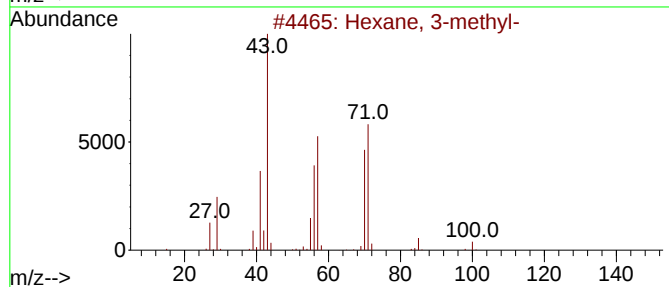
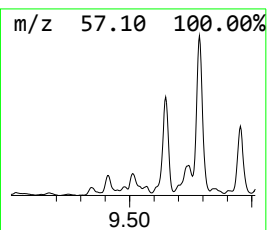
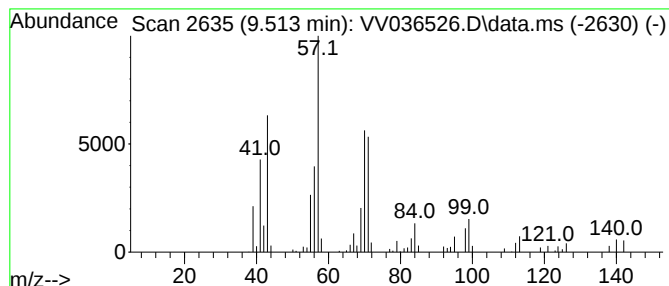
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	1.95 ug/L	55408	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	53
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	52
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
4		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	47
5		Heptadecane	240	C17H36	000629-78-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

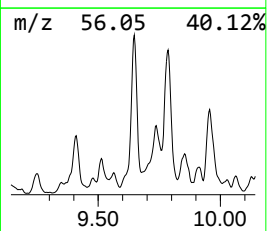
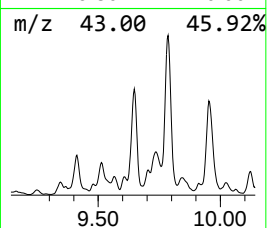
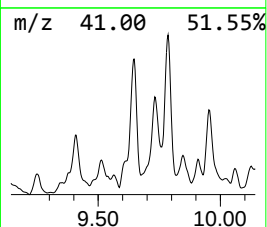
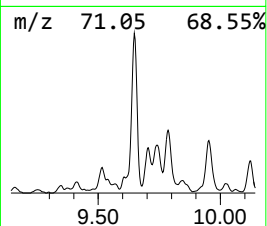
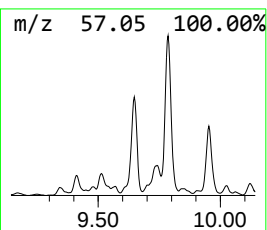
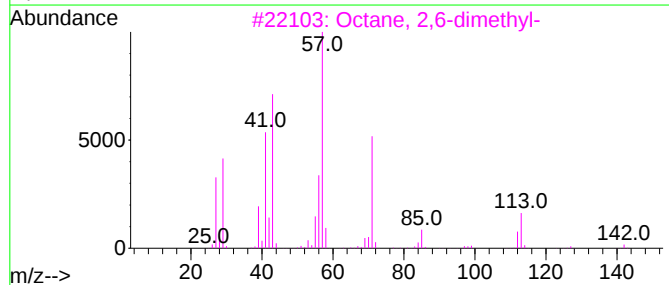
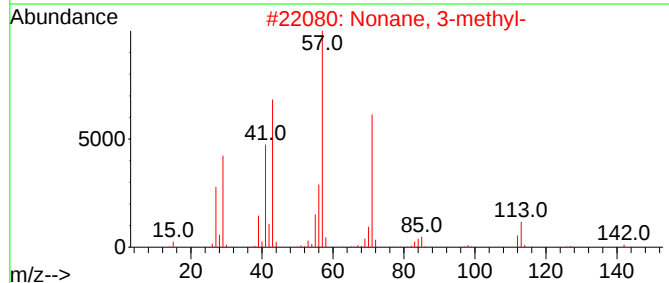
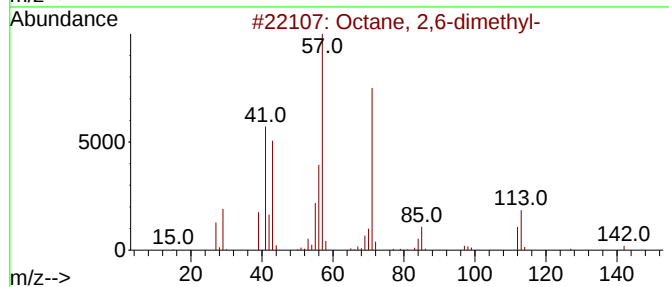
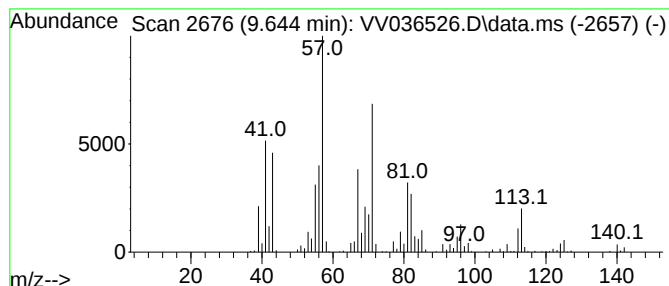
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.644	16.89 ug/L	480131	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	64
2	Nonane, 3-methyl-			142	C10H22	005911-04-6	60
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	58
4	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	55
5	Nonane, 3-methyl-			142	C10H22	005911-04-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

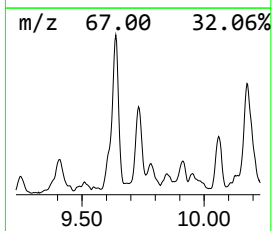
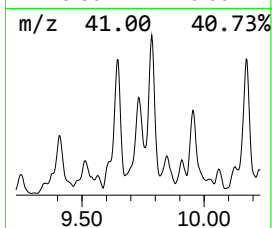
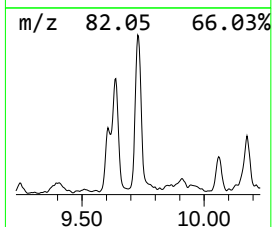
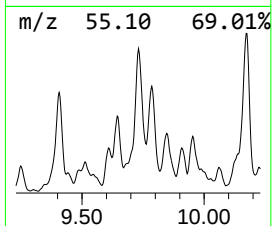
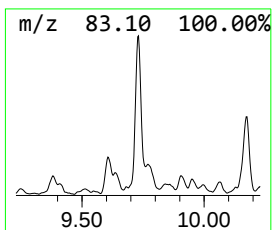
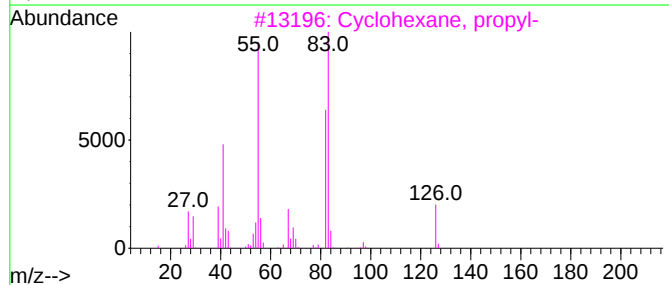
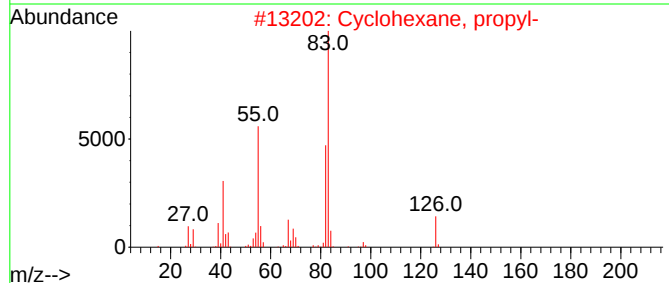
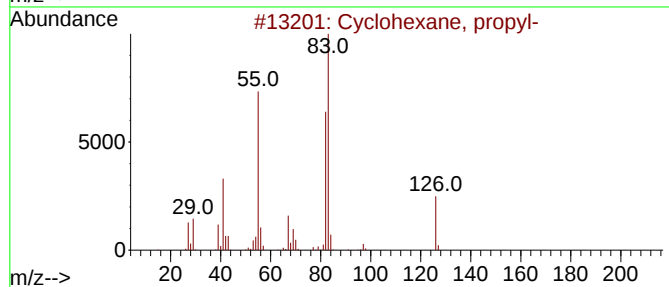
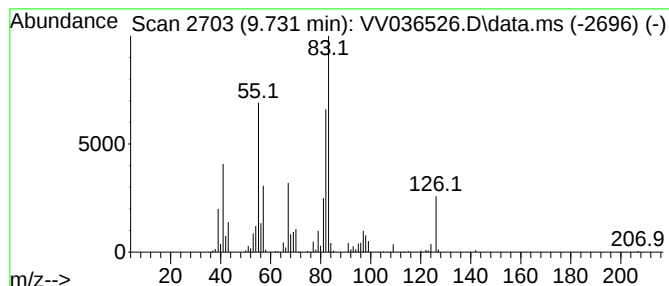
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic9.731 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	6.97 ug/L	198273	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	59
4		Heptylcyclohexane	182	C13H26	005617-41-4	59
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

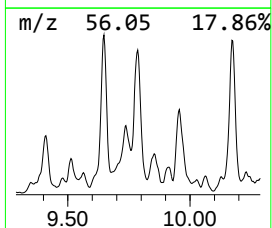
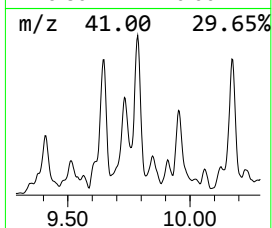
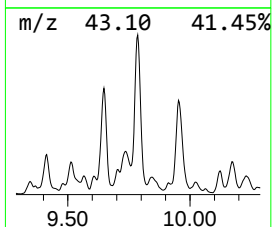
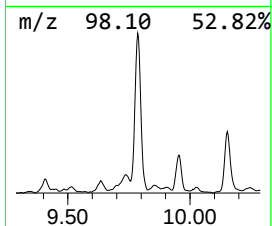
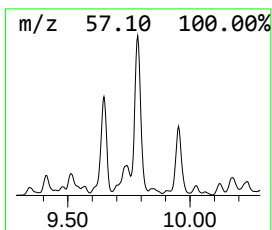
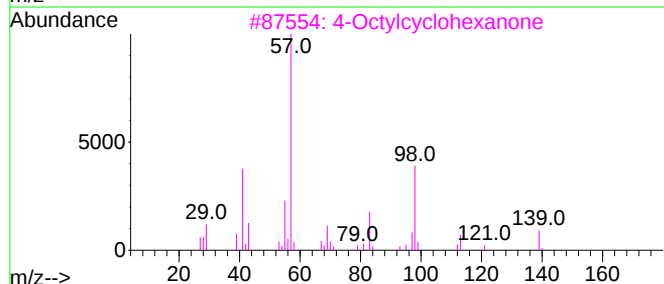
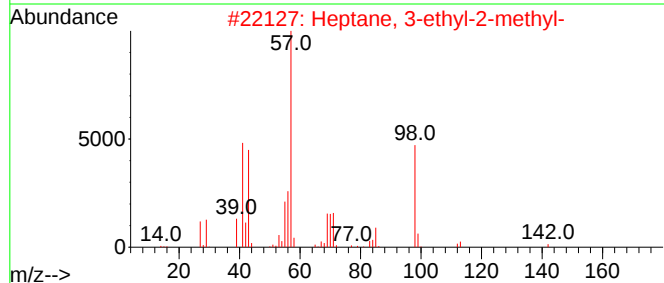
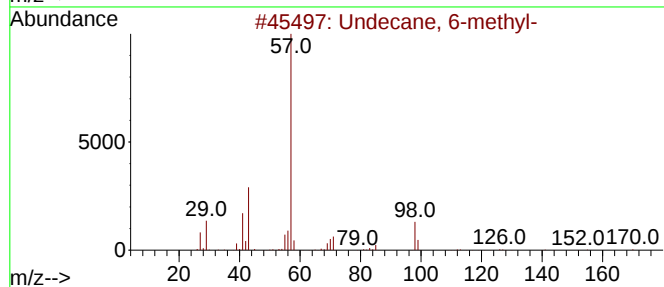
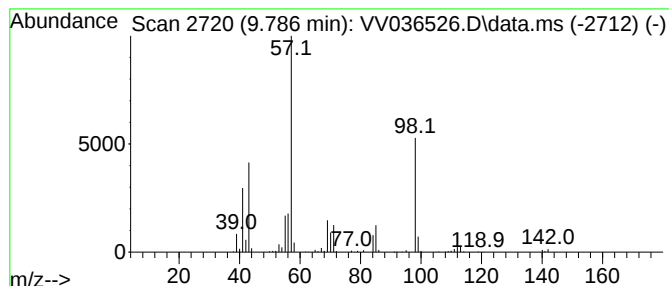
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	13.29 ug/L	377793	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
3		4-Octylcyclohexanone	210	C14H26O	1000428-94-1	53
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

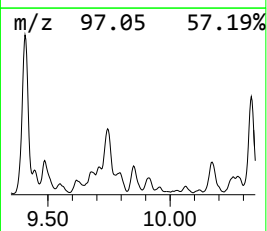
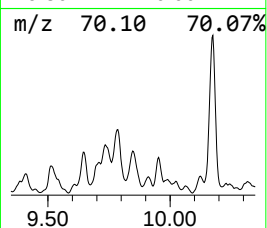
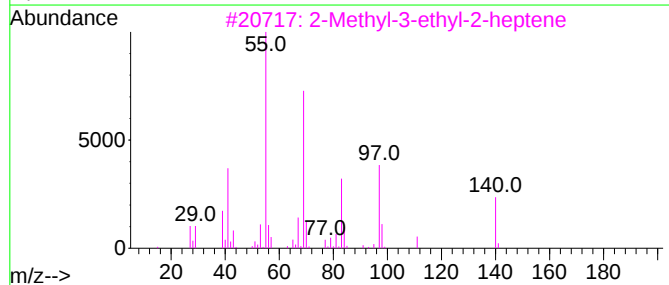
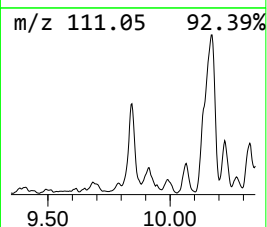
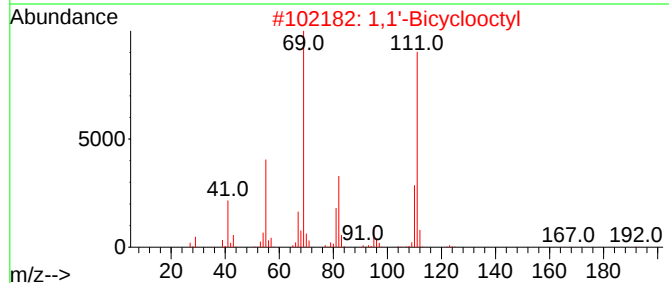
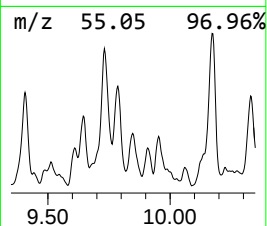
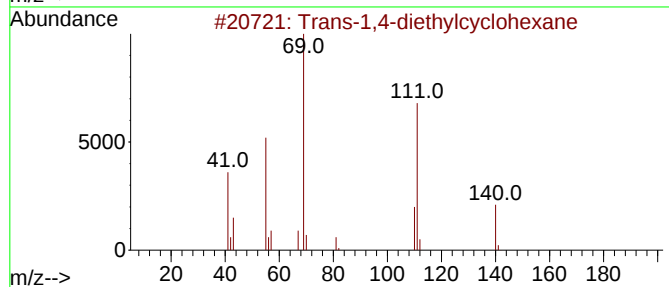
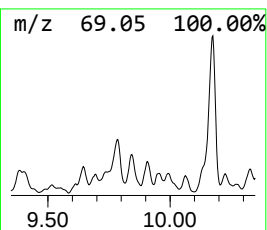
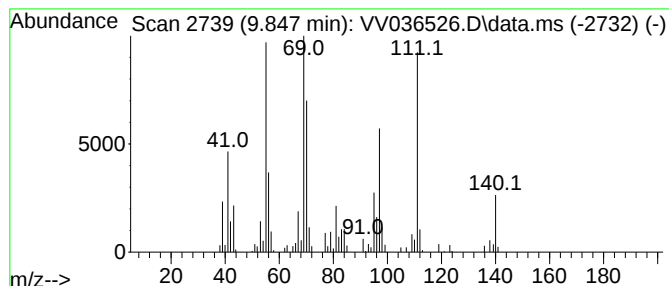
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic9.847 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.847	3.54 ug/L	100714	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	49
2			1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
3			2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	43
4			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	30
5			2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

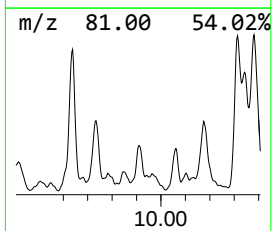
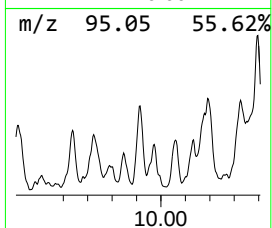
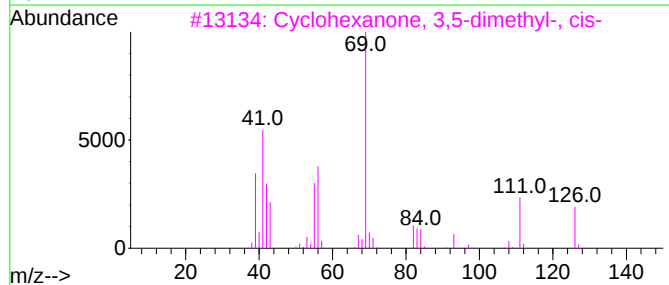
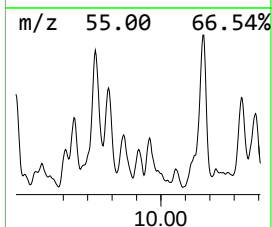
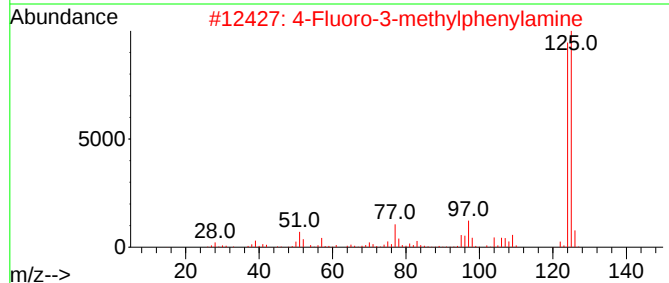
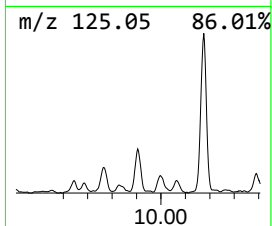
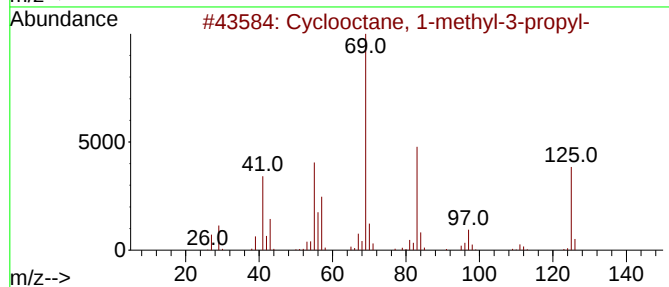
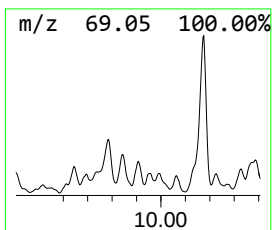
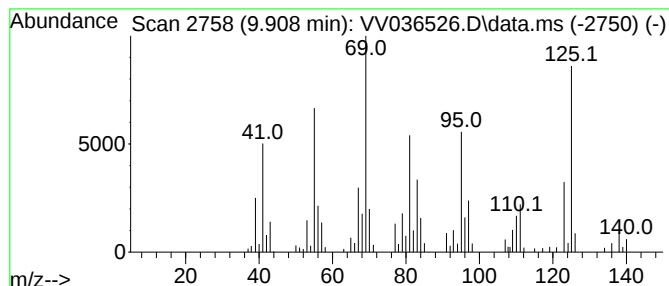
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic9.908 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	3.24 ug/L	92070	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
2			4-Fluoro-3-methylphenylamine	125	C7H8FN	000452-69-7	25
3			Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	25
4			2-Amino-4-hydroxy-6-methylpyrimi...	125	C5H7N3O	003977-29-5	22
5			trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

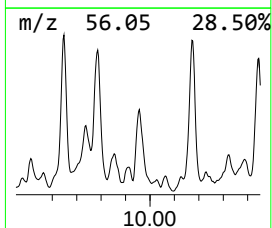
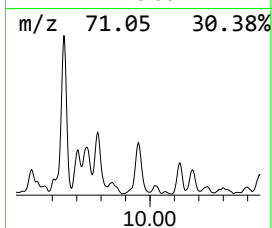
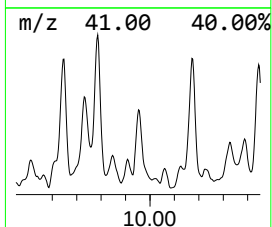
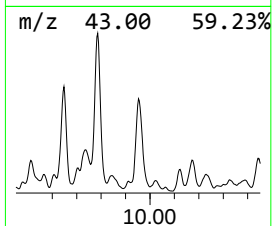
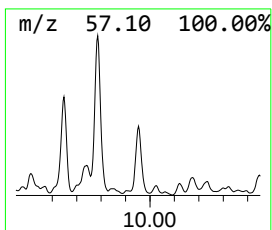
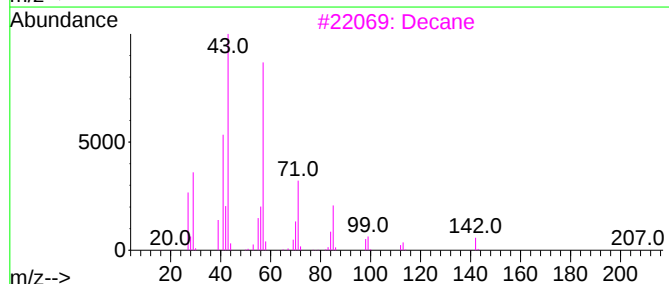
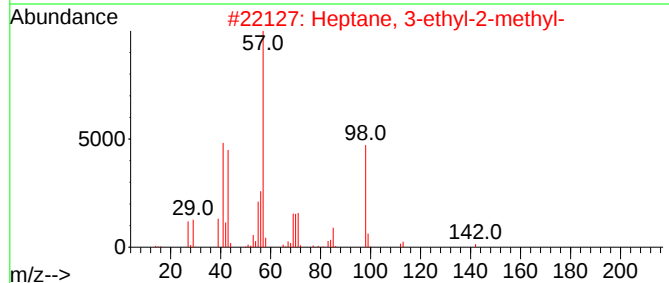
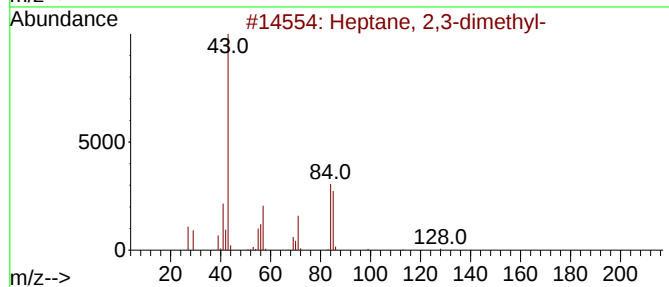
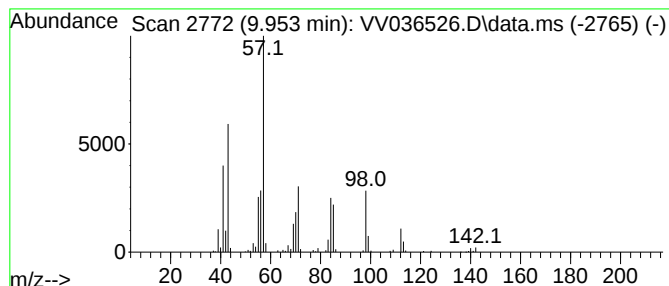
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	7.44 ug/L	211643	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3		Decane	142	C10H22	000124-18-5	47
4		Decane	142	C10H22	000124-18-5	47
5		Decane	142	C10H22	000124-18-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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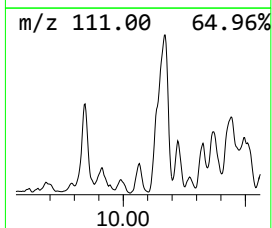
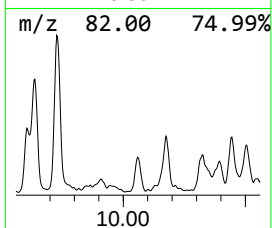
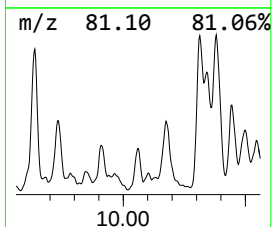
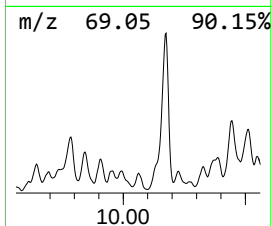
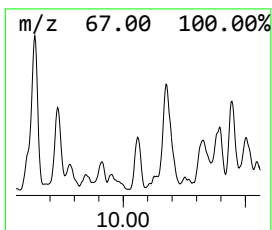
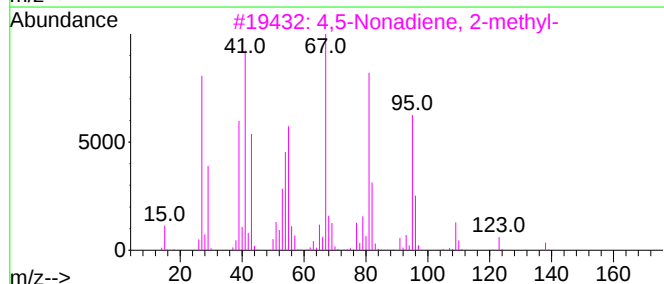
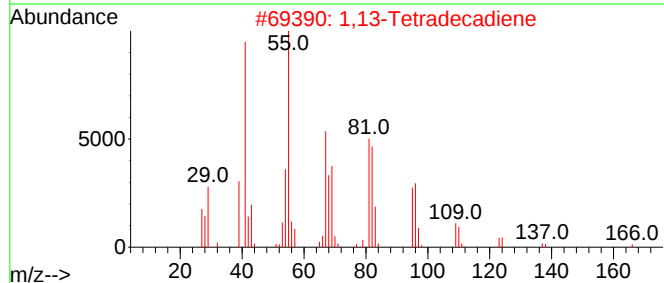
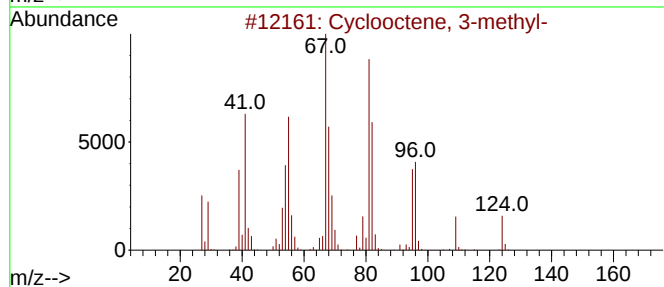
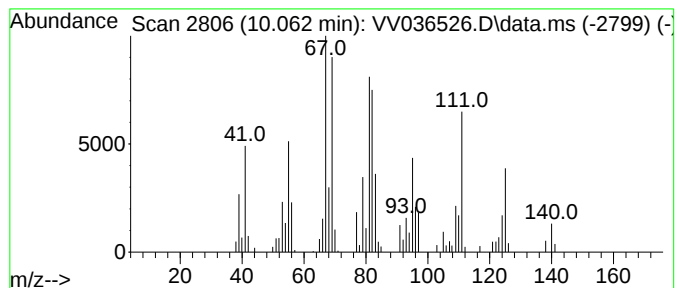
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Quant Title : VOC Analysis

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

Peak Number 21 Cyclooctene, 3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.062	3.37 ug/L	73534	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	60
2		1,13-Tetradecadiene	194	C14H26	021964-49-8	47
3		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	43
4		1-Octadecyne	250	C18H34	000629-89-0	38
5		Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

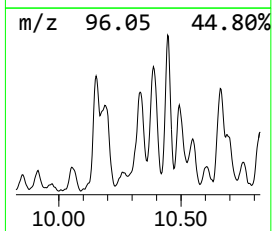
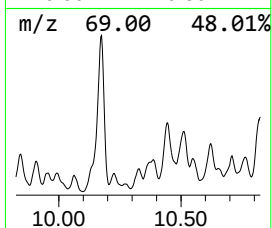
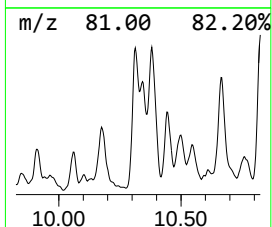
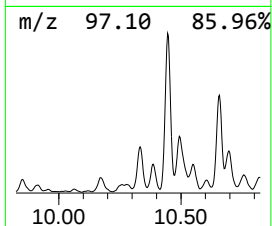
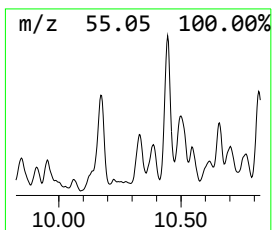
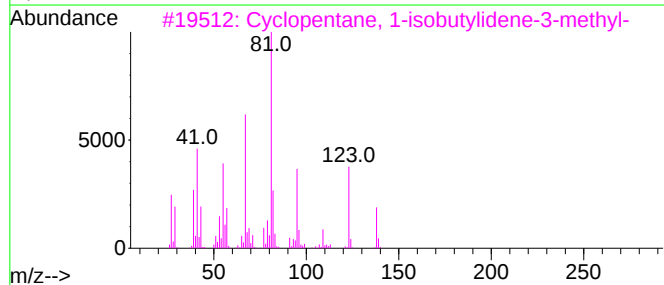
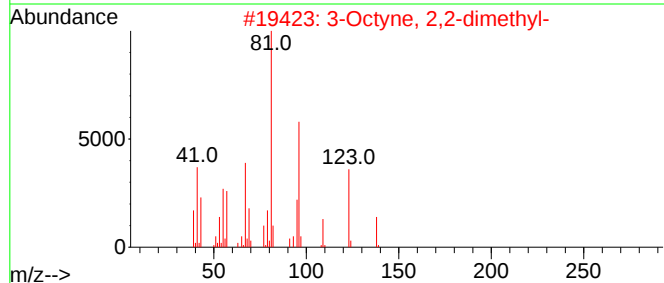
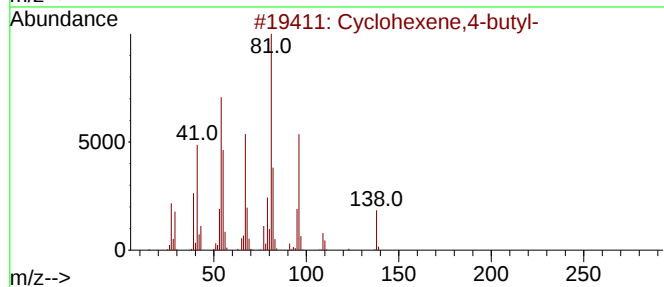
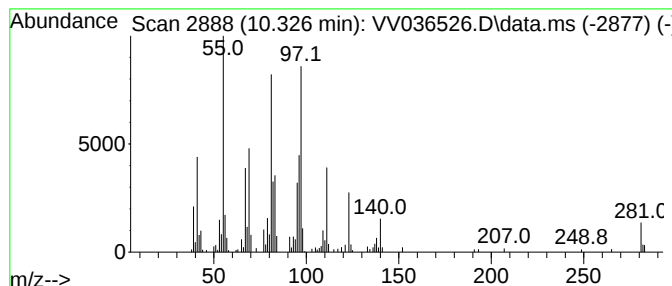
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.326	10.25 ug/L	223860	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene,4-butyl-	138	C10H18	021524-26-5	43
2			3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	43
3			Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	41
4			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	38
5			9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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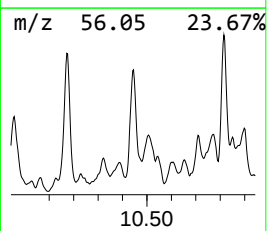
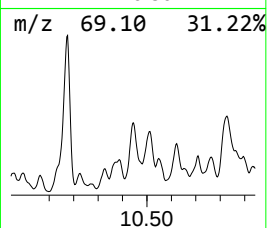
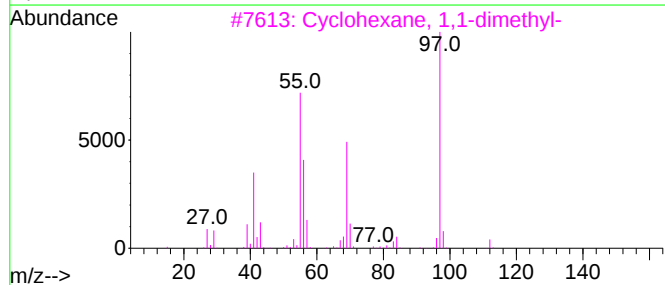
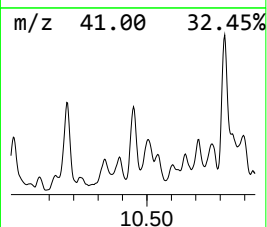
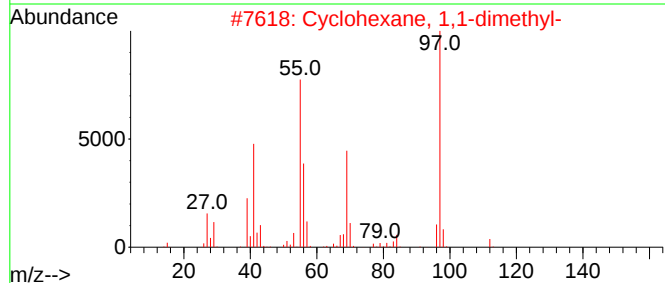
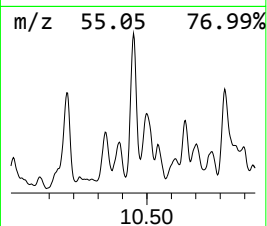
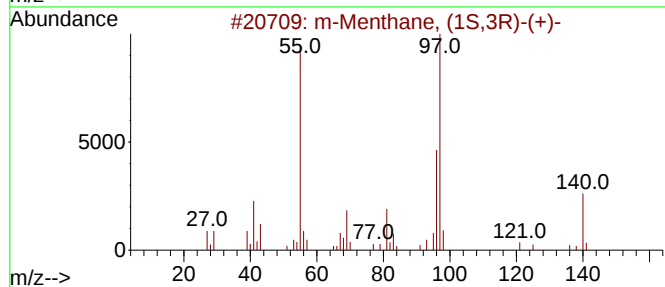
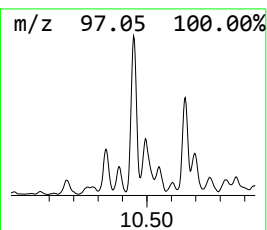
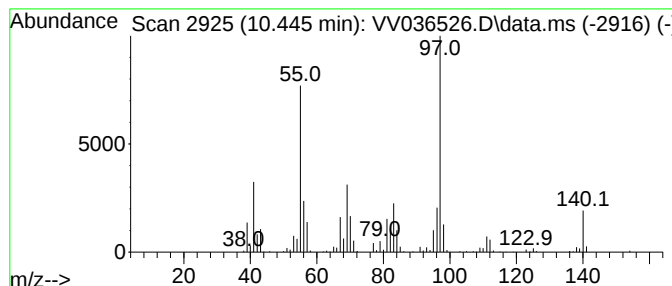
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	18.10 ug/L	395265	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	58
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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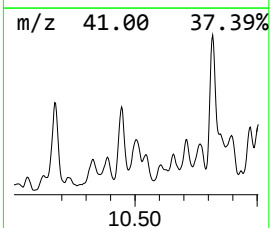
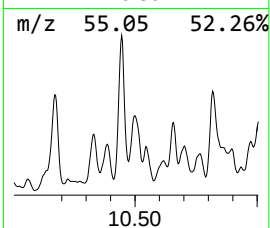
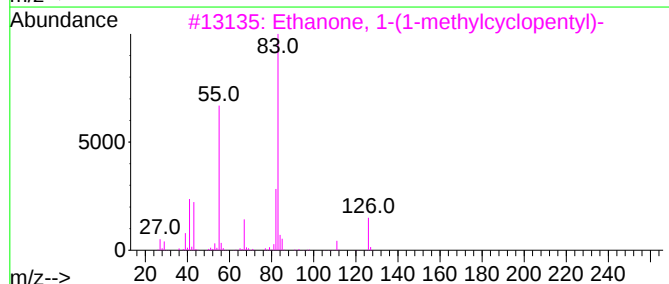
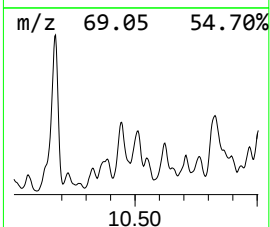
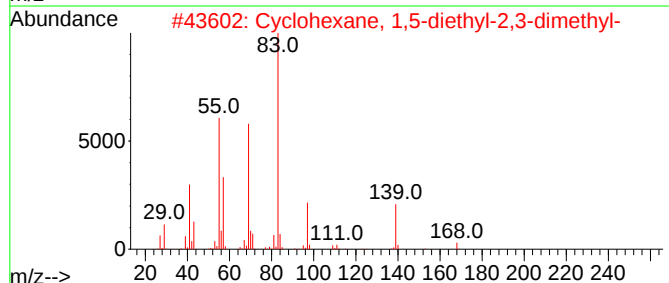
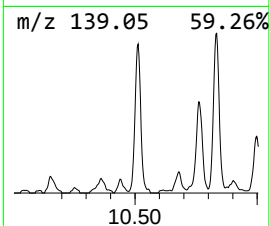
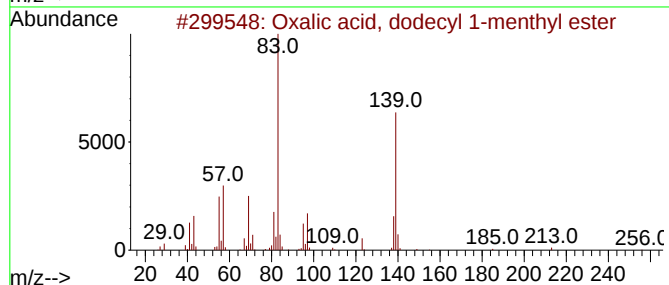
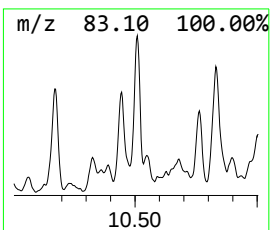
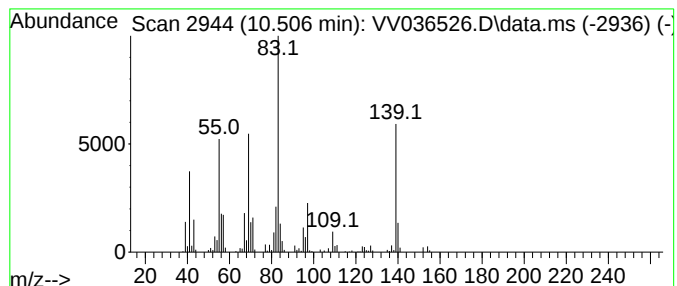
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Quant Title : VOC Analysis

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

Peak Number 24 Oxalic acid, dodecyl 1-ment... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	8.12 ug/L	177321	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, dodecyl 1-menthyl e...	396	C24H44O4	1000314-98-0	72
2			Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	43
3			Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43
4			1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	38
5			3-Hexene, 1,1'-[ethylidenebis(ox...	226	C14H26O2	063449-64-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

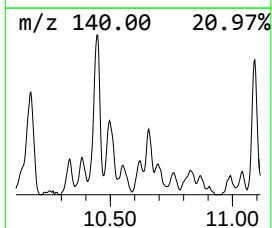
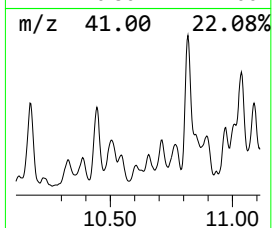
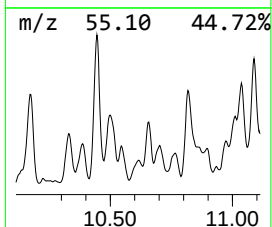
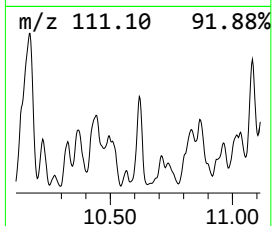
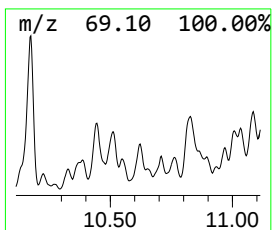
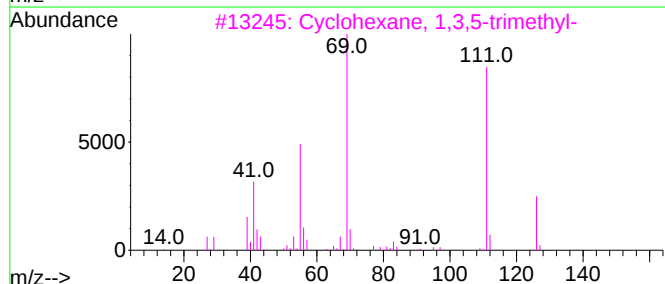
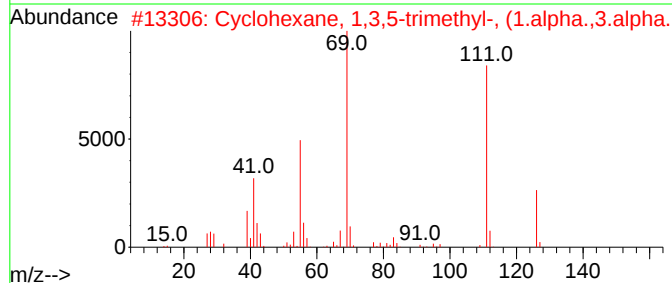
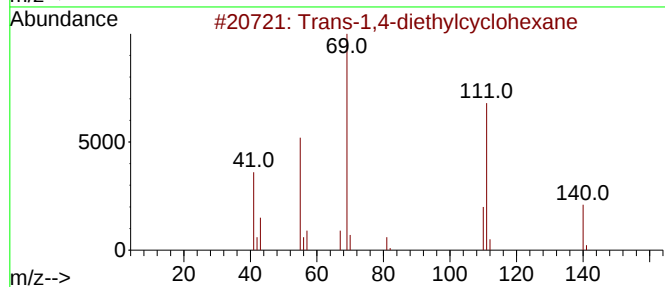
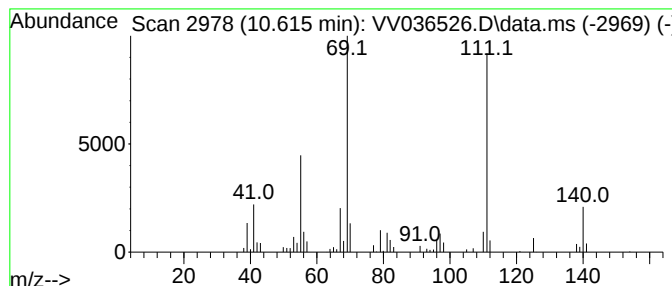
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic10.615 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.615	3.39 ug/L	73924	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	74
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	53
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
4			6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	47
5			Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

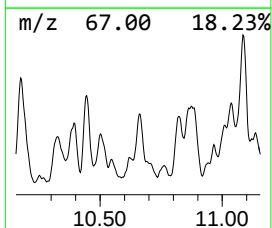
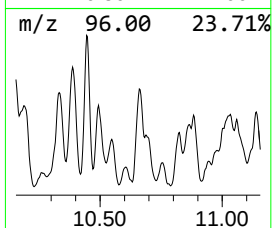
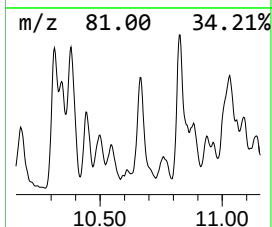
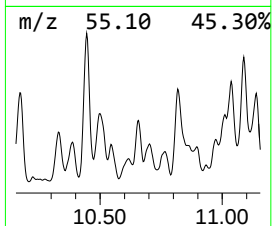
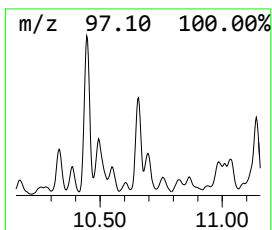
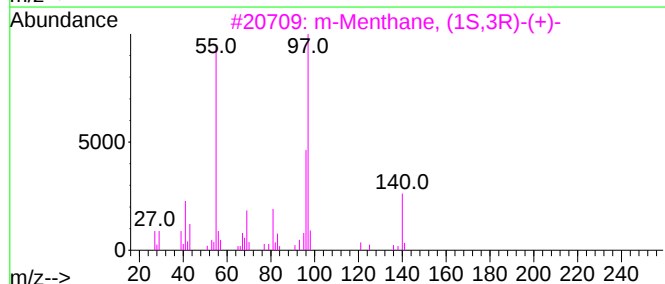
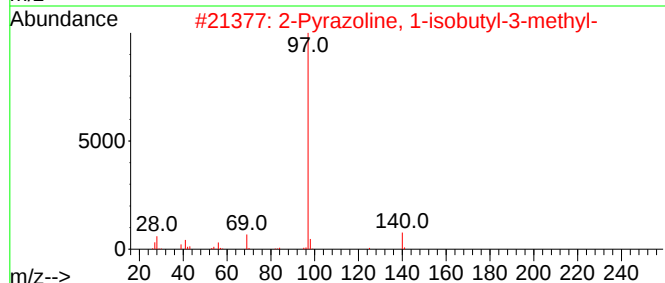
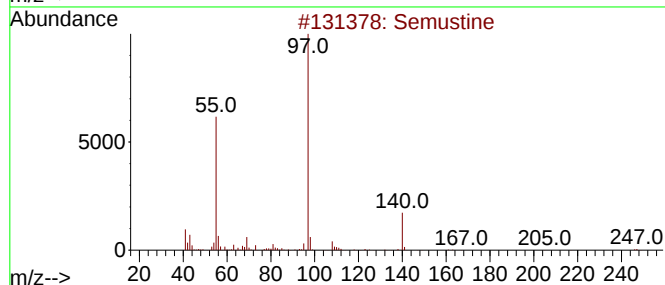
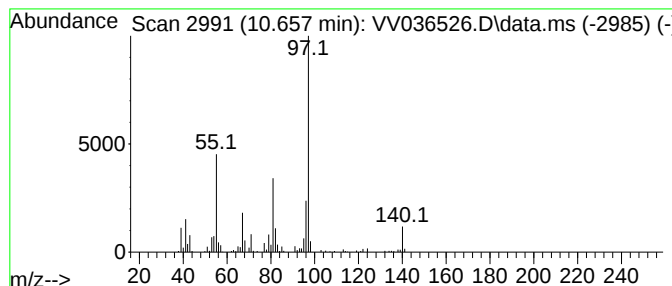
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Quant Title : VOC Analysis

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

Peak Number 26 Semustine Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	6.51 ug/L	142274	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Semustine	247	C10H18ClN3O2	013909-09-6	53
2			2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	49
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	47
4			2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	47
5			Carbonic acid, neopentyl cyclohe...	228	C13H24O3	1000357-85-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

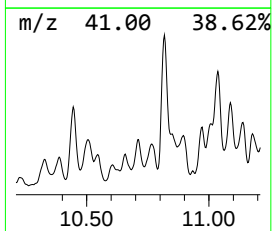
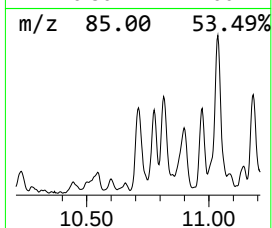
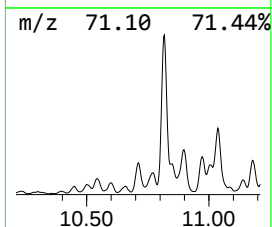
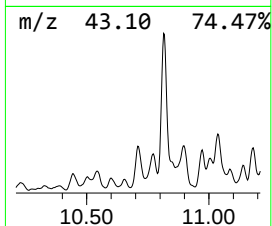
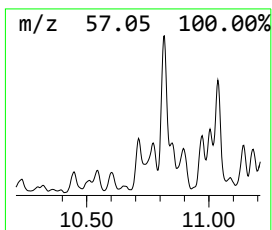
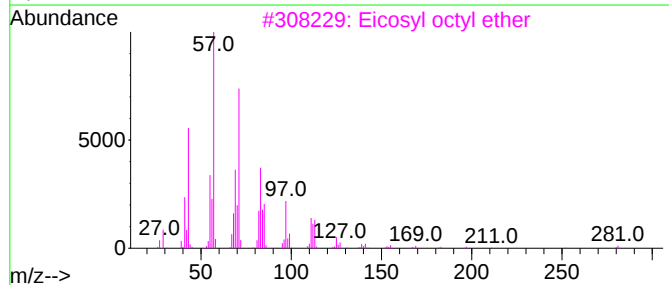
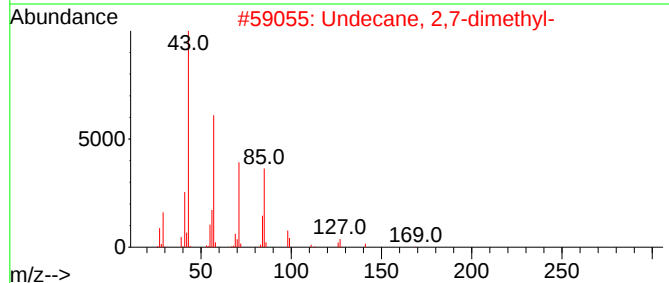
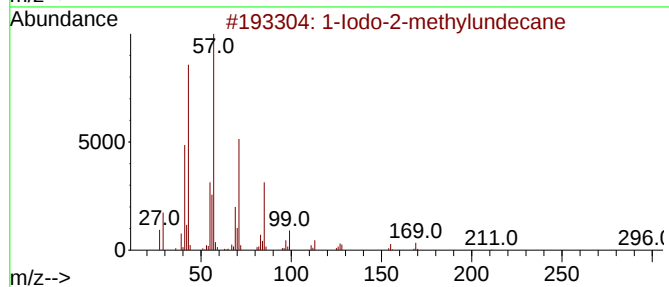
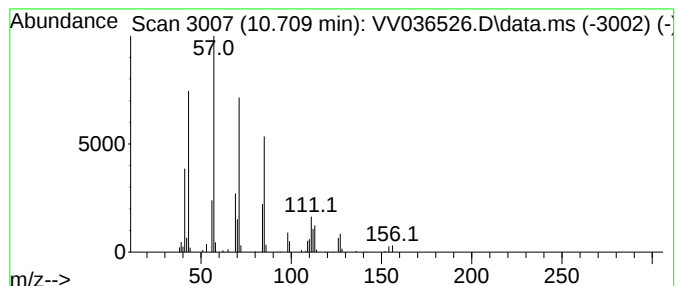
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Quant Title : VOC Analysis

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

Peak Number 27 1-Iodo-2-methylundecane Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.709	4.85 ug/L	105895	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
2			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
3			Eicosyl octyl ether	410	C28H58O	1000406-38-8	53
4			Heptadecane	240	C17H36	000629-78-7	53
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

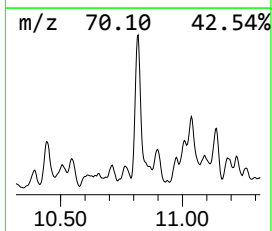
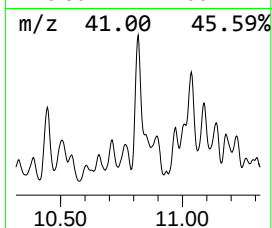
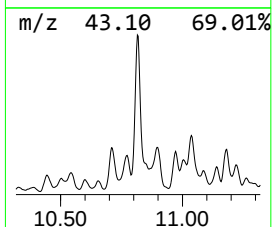
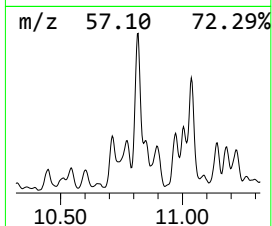
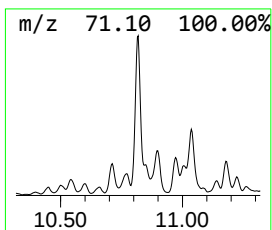
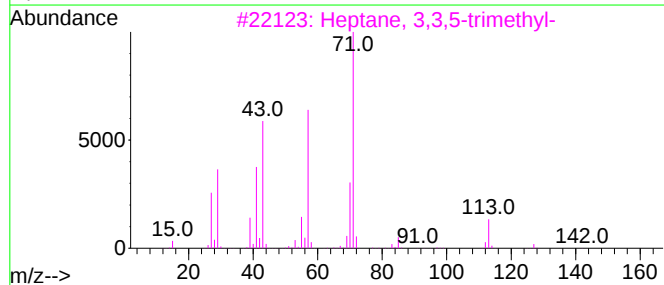
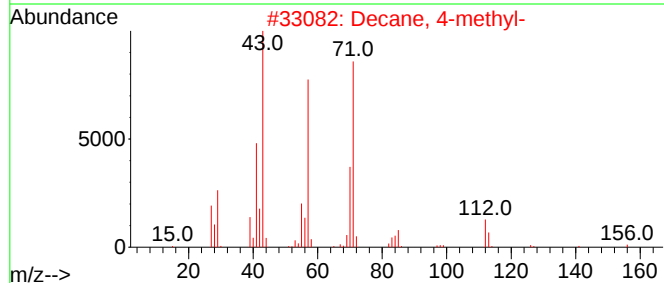
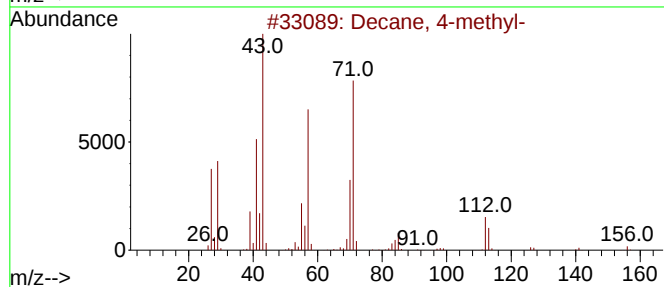
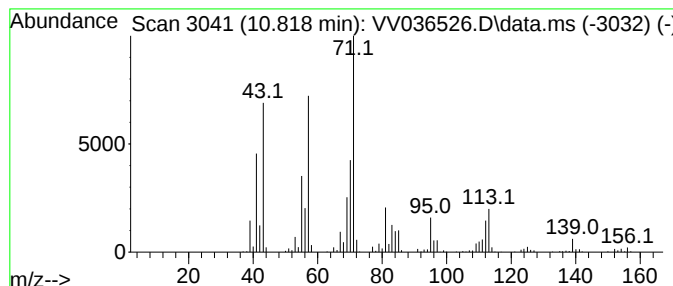
Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

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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 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.818	37.98 ug/L	829405	1,4-Dichlorobenzene-d4			11.185
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	74
2	Decane, 4-methyl-		156	C11H24	002847-72-5	74
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	59
4	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	59
5	2,4,4-Trimethyl-1-hexene		126	C9H18	051174-12-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

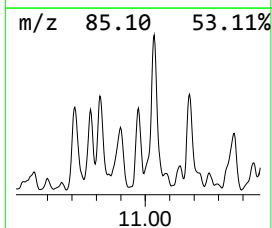
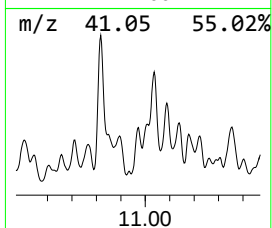
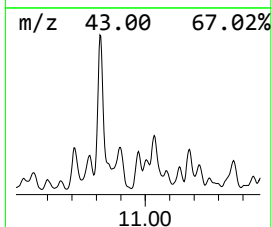
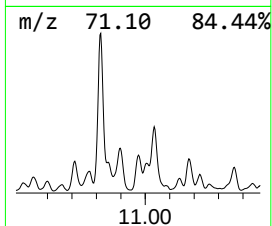
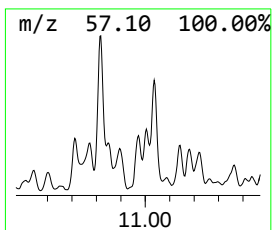
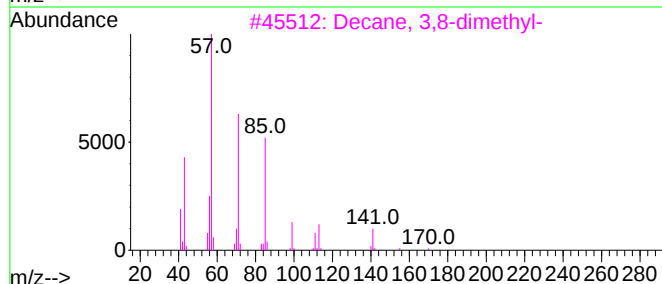
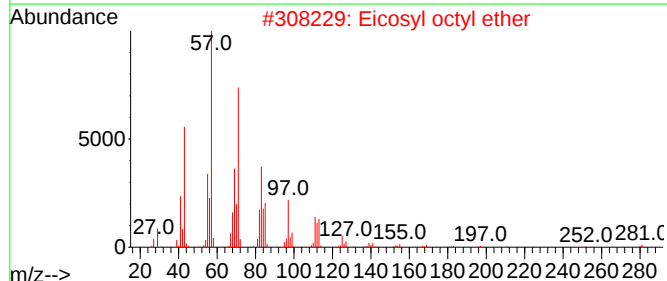
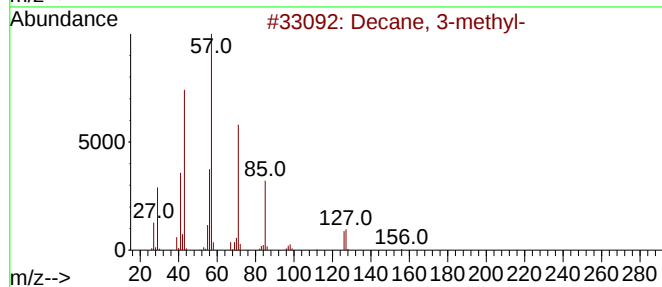
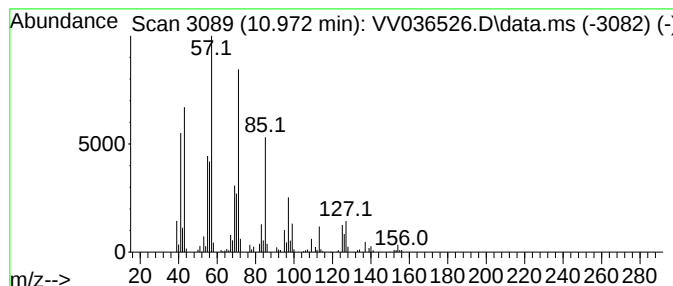
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.972	7.20 ug/L	157214	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	70
2		Eicosyl octyl ether	410	C28H58O	1000406-38-8	50
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

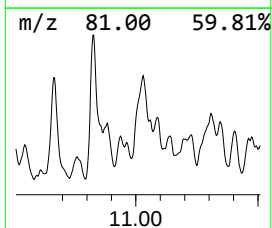
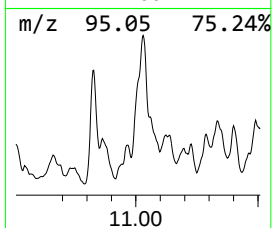
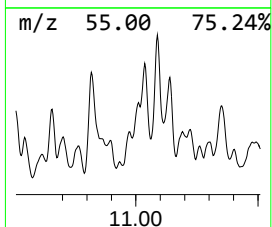
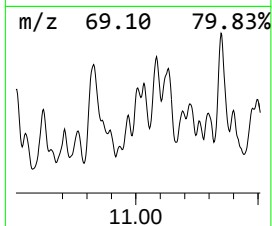
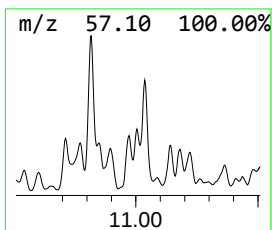
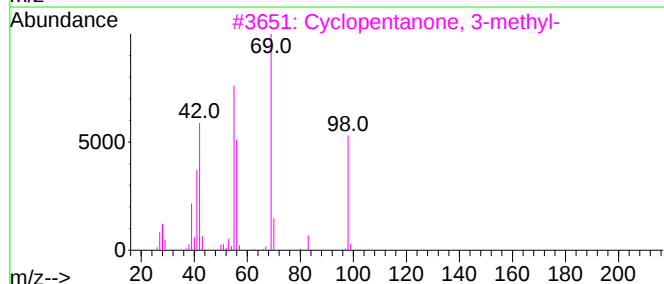
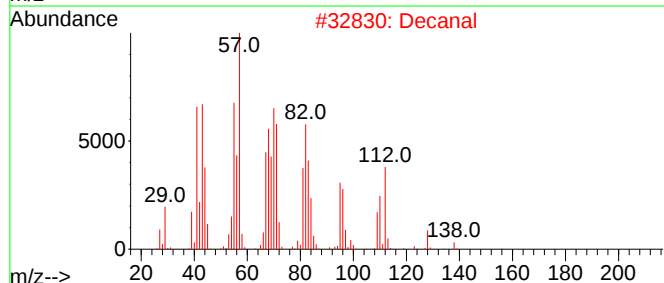
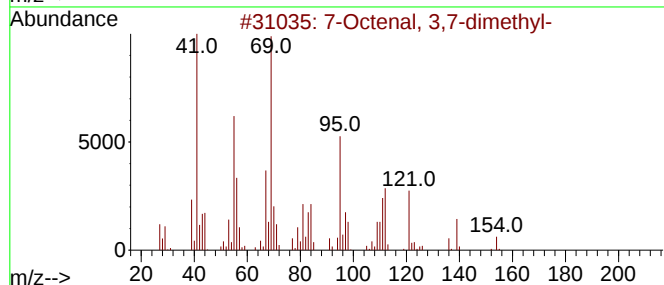
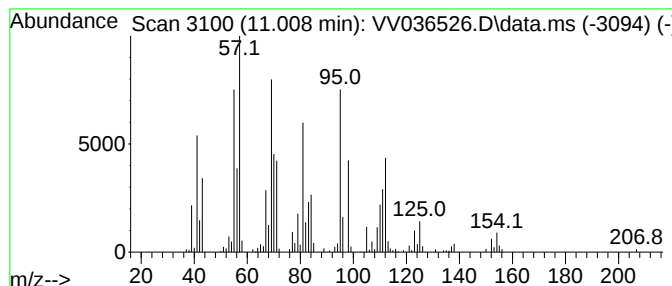
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Quant Title : VOC Analysis

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

Peak Number 30 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.008	9.12 ug/L	199074	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	49
2		Decanal	156	C10H20O	000112-31-2	46
3		Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	30
4		Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	30
5		5-Octen-2-yn-4-ol	124	C8H12O	1010196-87-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

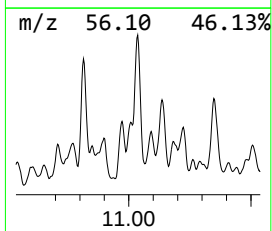
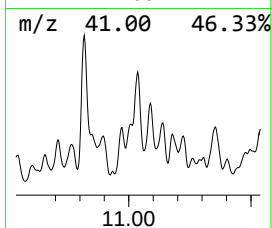
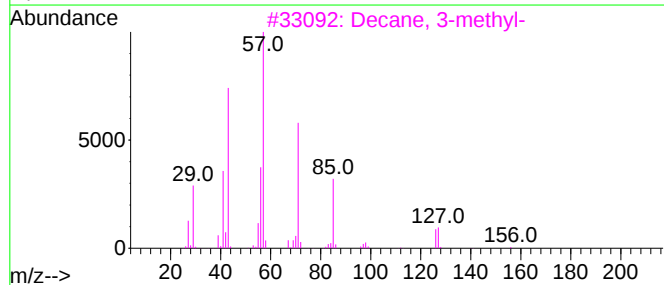
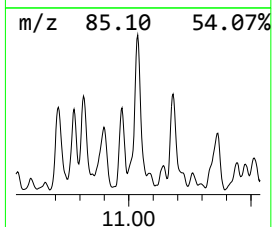
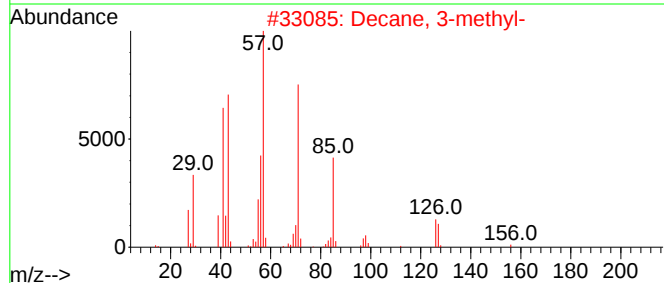
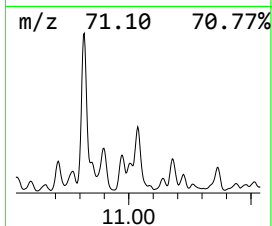
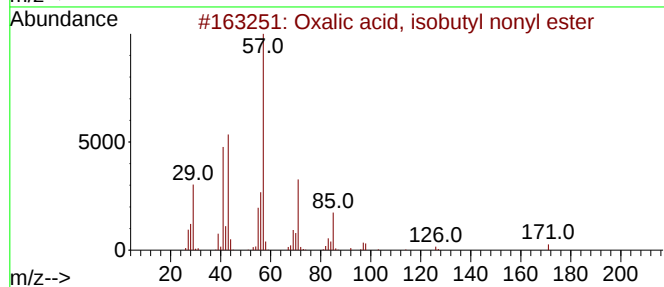
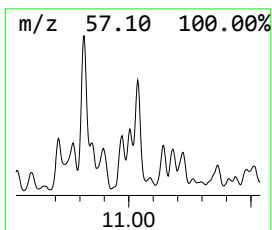
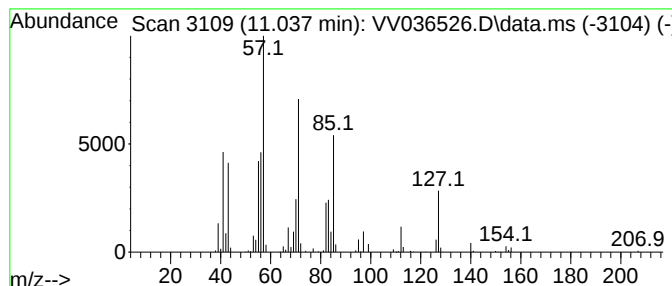
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Quant Title : VOC Analysis

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

Peak Number 31 Oxalic acid, isobutyl nonyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	16.13 ug/L	352225	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
2			Decane, 3-methyl-	156	C11H24	013151-34-3	52
3			Decane, 3-methyl-	156	C11H24	013151-34-3	50
4			Decyl pentyl ether	228	C15H32O	1000406-41-5	38
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

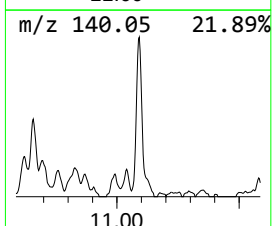
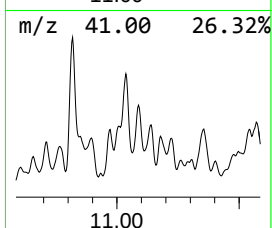
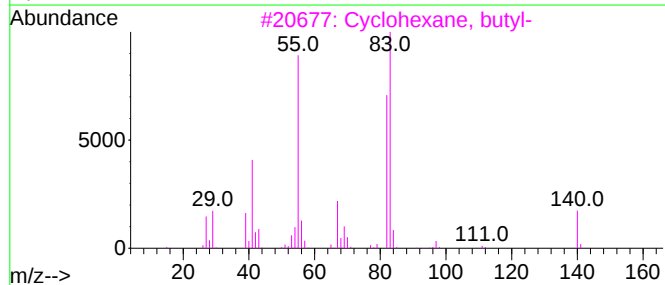
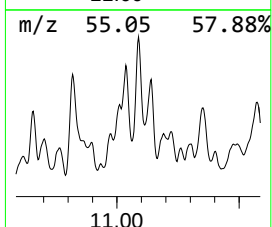
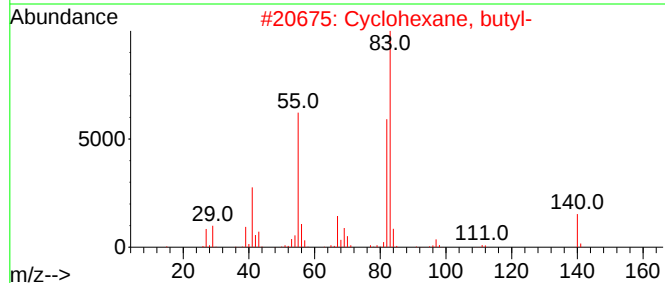
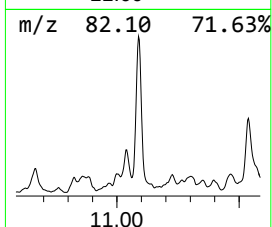
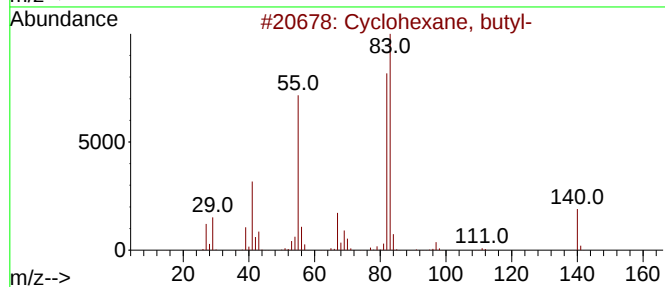
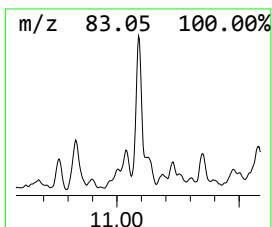
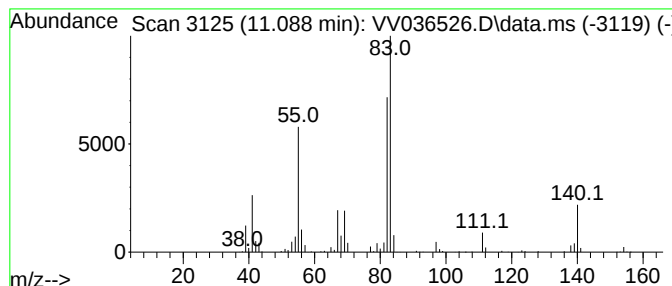
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Cyclic11.088 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	9.65 ug/L	210771	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

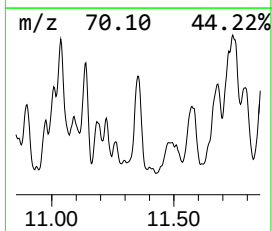
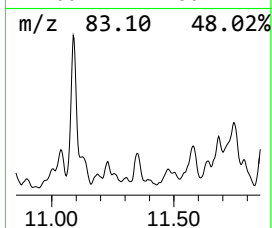
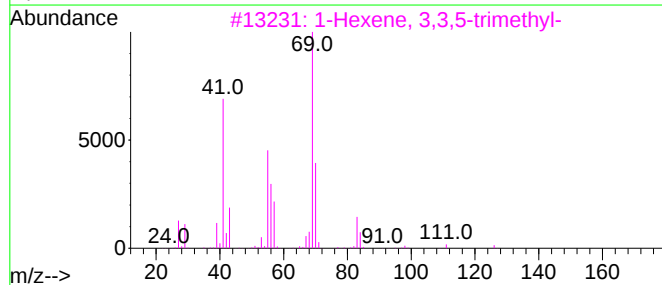
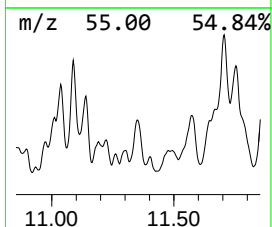
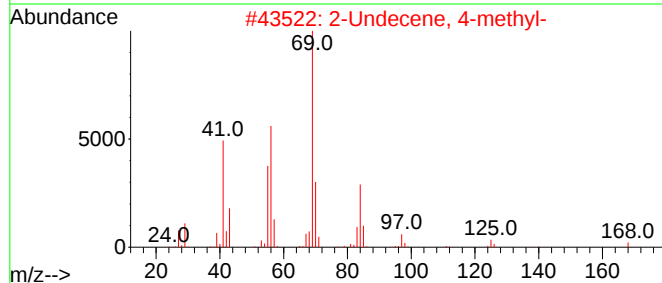
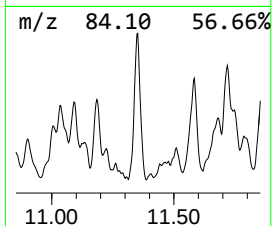
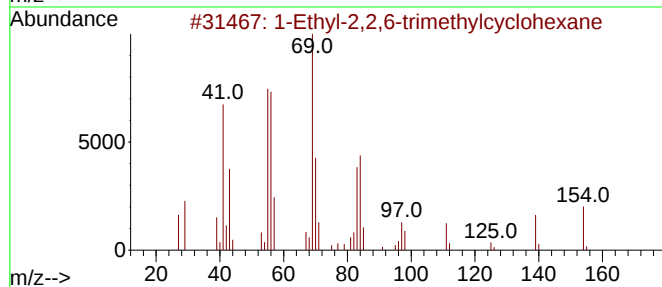
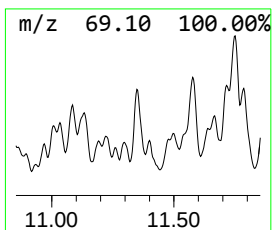
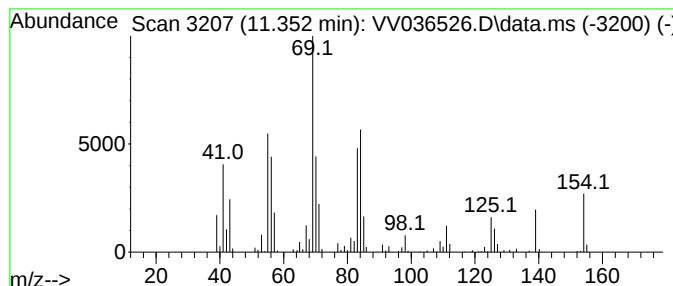
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Cyclic11.352 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.352	10.33 ug/L	225699	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	64
2			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	53
3			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	49
4			4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	45
5			Dichloroacetic acid, 6-ethyl-3-o...	268	C12H22Cl2O2	1000282-56-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

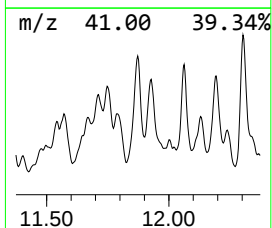
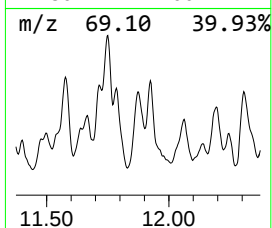
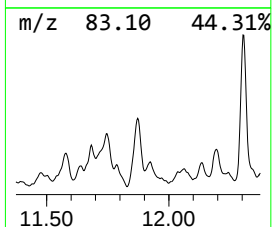
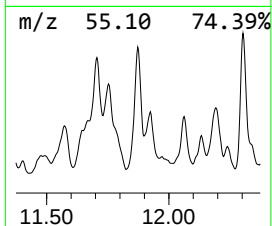
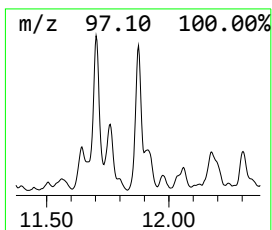
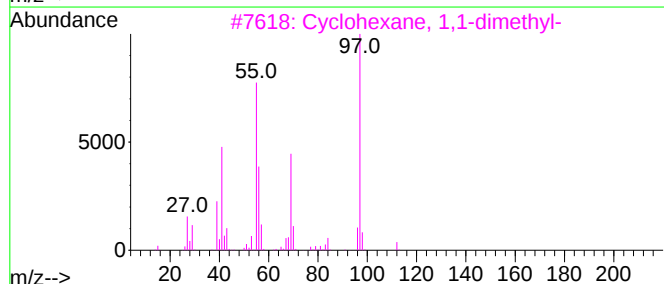
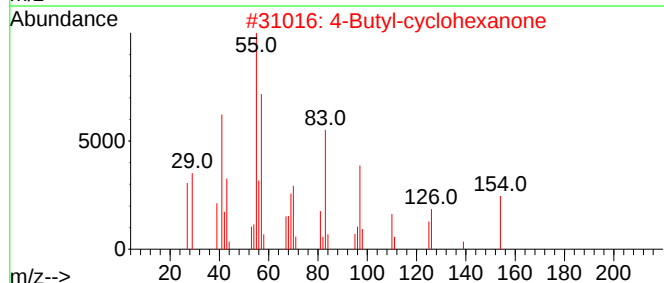
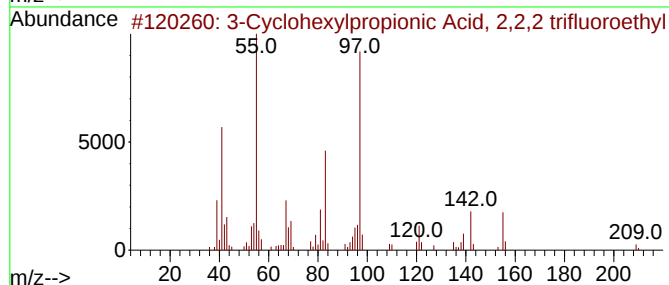
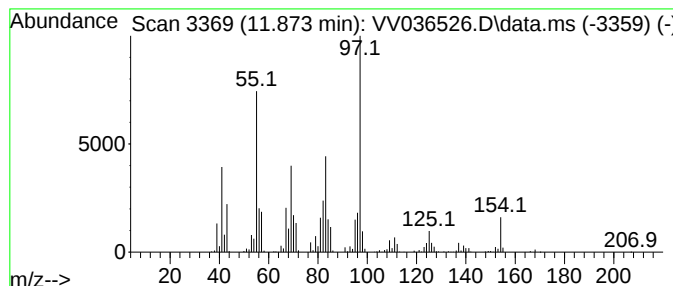
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Quant Title : VOC Analysis

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

Peak Number 34 3-Cyclohexylpropionic Acid,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	23.41 ug/L	511164	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexylpropionic Acid, 2,2,...	238	C11H17F3O2	1000376-54-1	53
2			4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	46
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
4			Bicyclo[3.2.0]heptan-2-one, 6-hy...	166	C10H14O2	1005276-66-3	38
5			Cyclohexanone, 2,6-diethyl-	154	C10H18O	016519-68-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

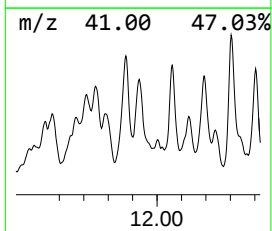
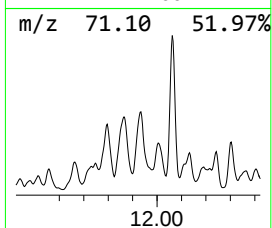
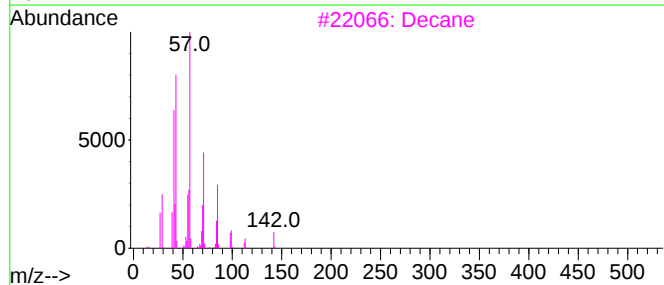
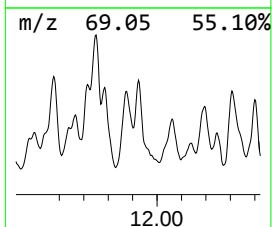
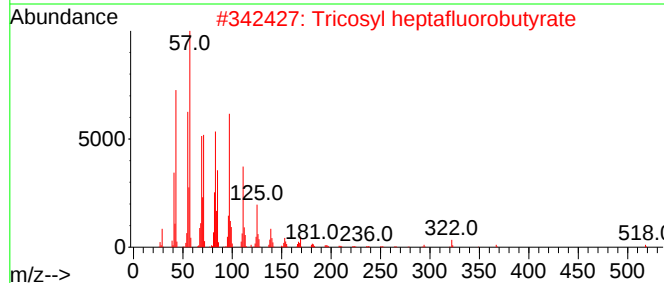
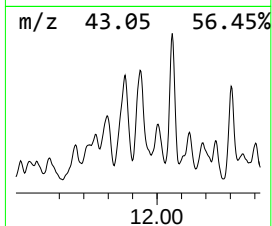
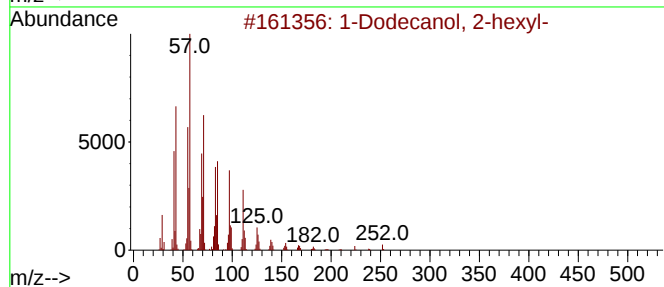
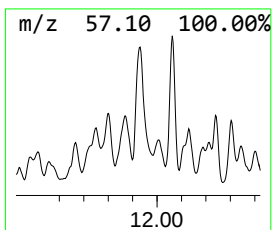
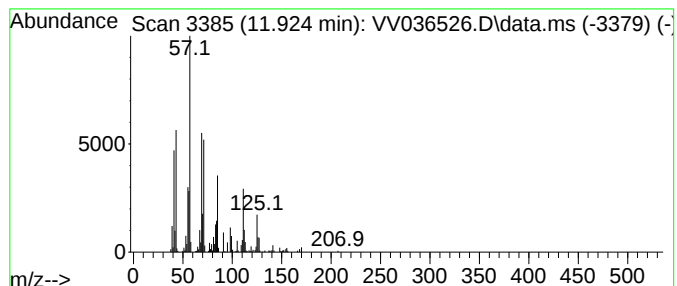
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Quant Title : VOC Analysis

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

Peak Number 35 1-Dodecanol, 2-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.924	15.20 ug/L	332024	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
2			Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90
3			Decane	142	C10H22	000124-18-5	89
4			Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	86
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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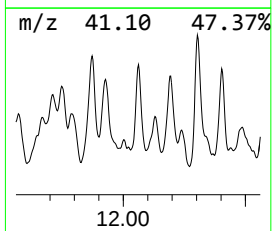
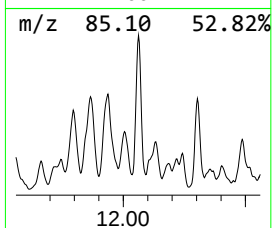
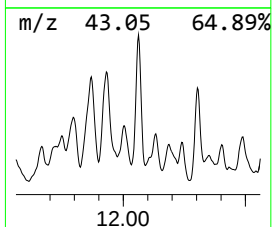
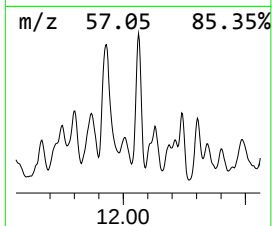
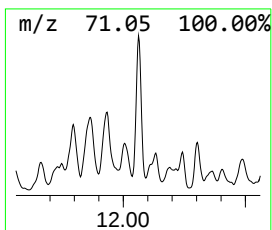
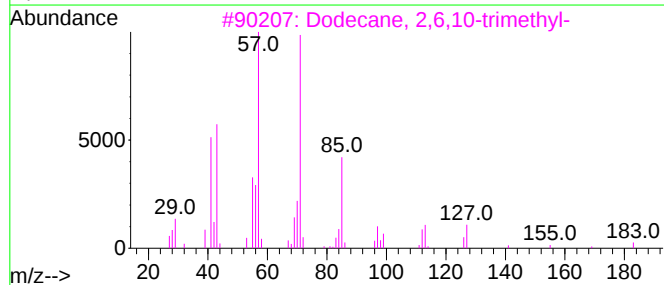
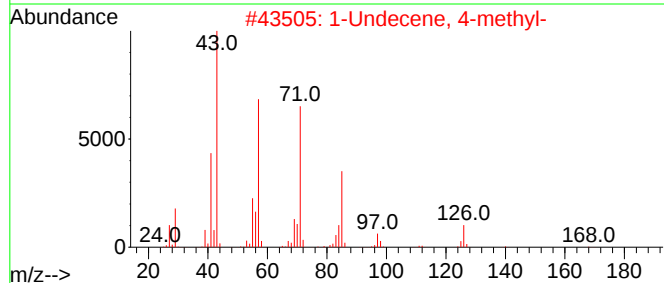
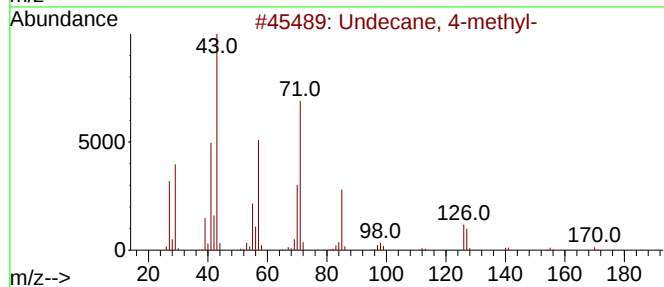
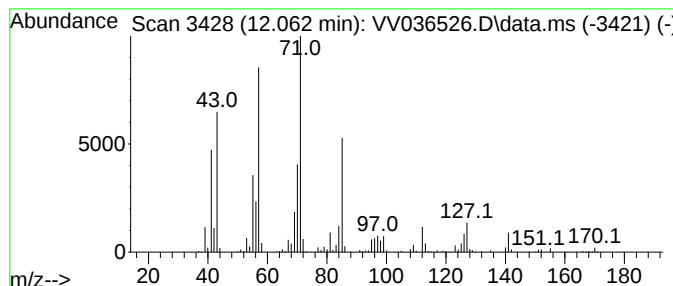
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	13.56 ug/L	296023	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	80
2			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	68
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

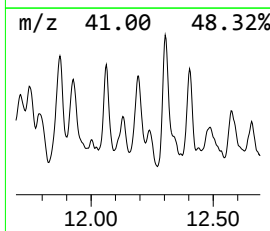
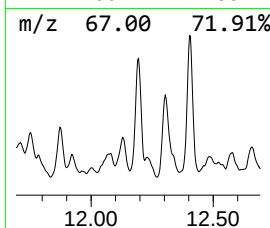
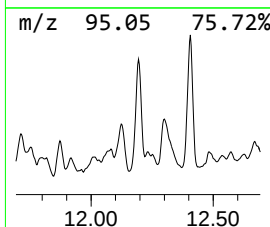
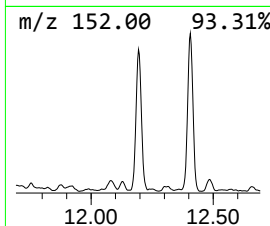
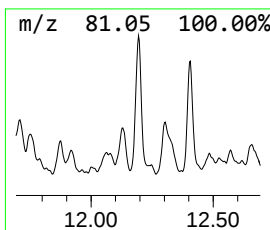
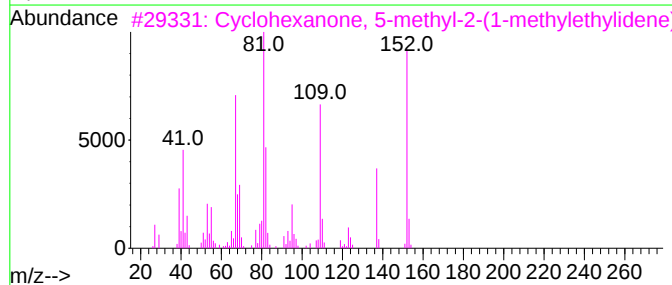
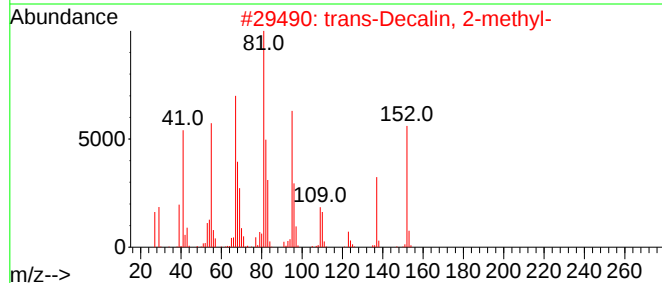
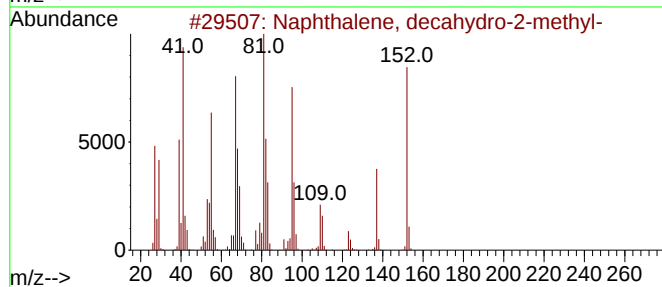
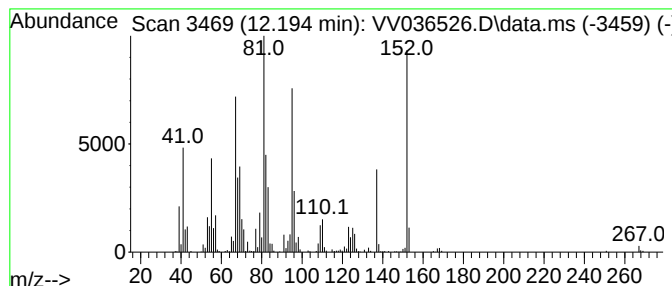
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Quant Title : VOC Analysis

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

Peak Number 37 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.194	22.15 ug/L	483806	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	89
4			Pulegone	152	C10H16O	000089-82-7	76
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

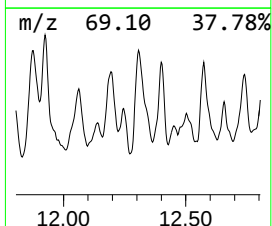
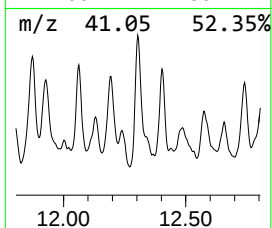
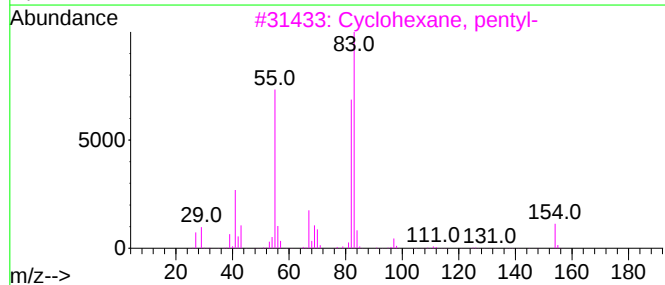
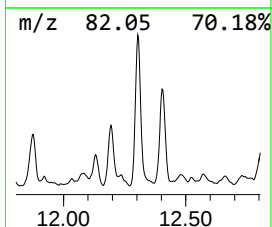
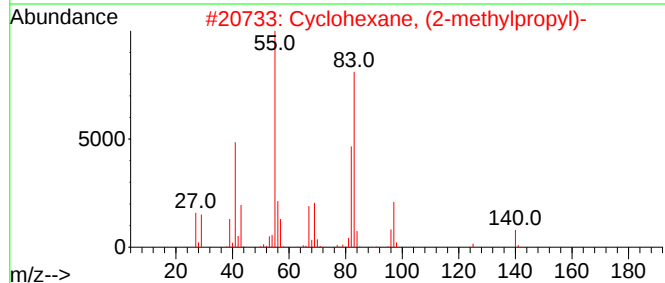
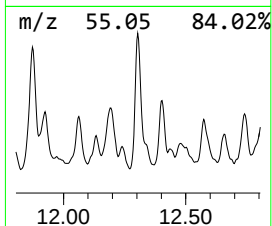
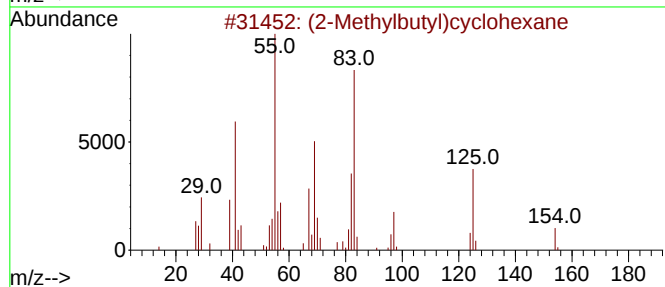
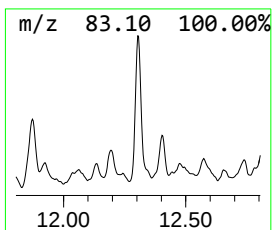
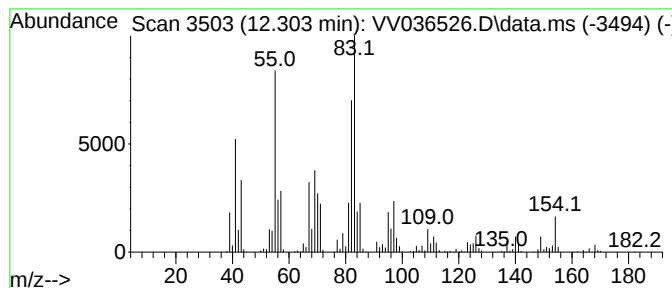
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Cyclic12.304 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	38.98 ug/L	851179	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	58
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

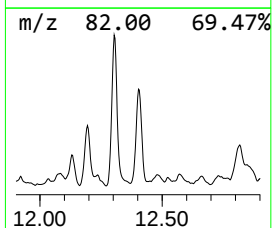
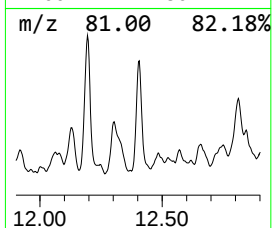
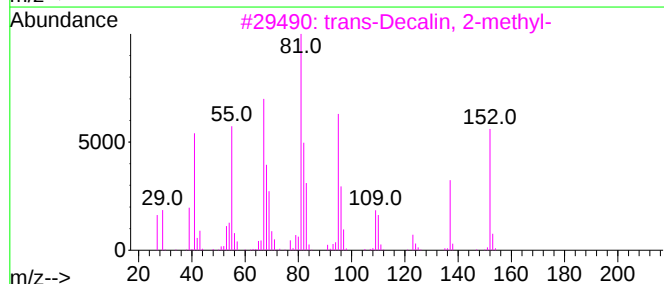
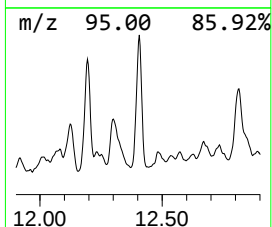
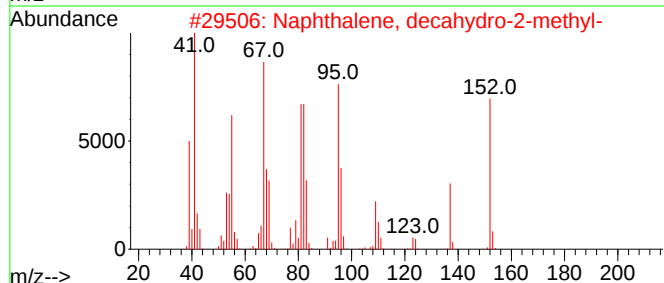
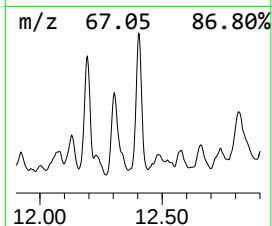
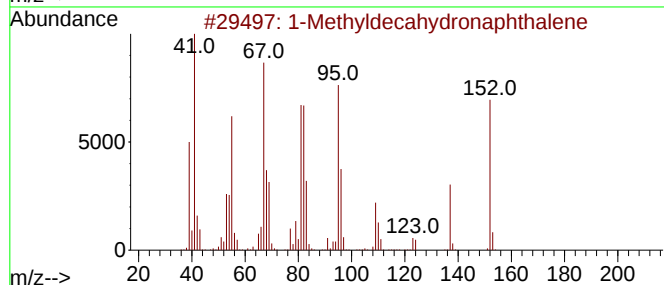
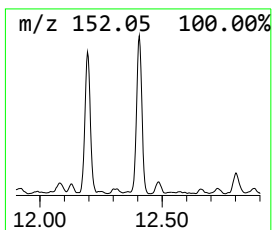
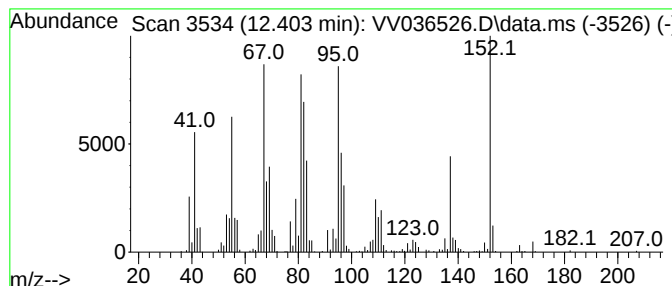
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Quant Title : VOC Analysis

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

Peak Number 39 1-Methyldecahydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	24.53 ug/L	535799	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
5			(+)-2-Bornanone	152	C10H16O	000464-49-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

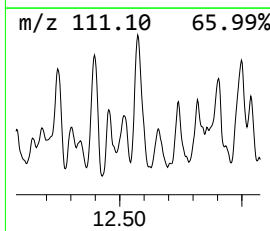
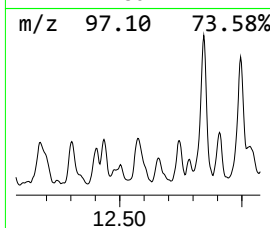
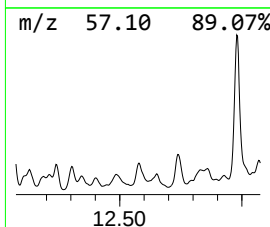
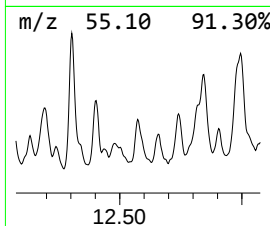
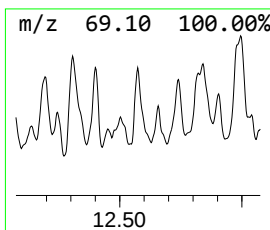
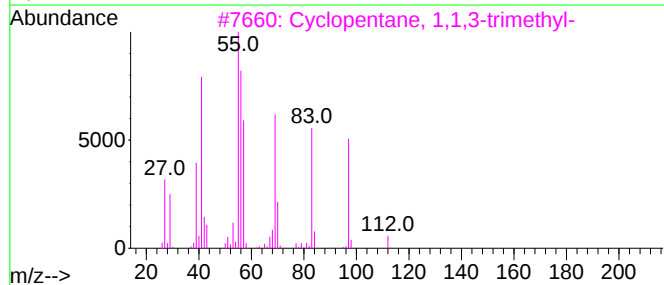
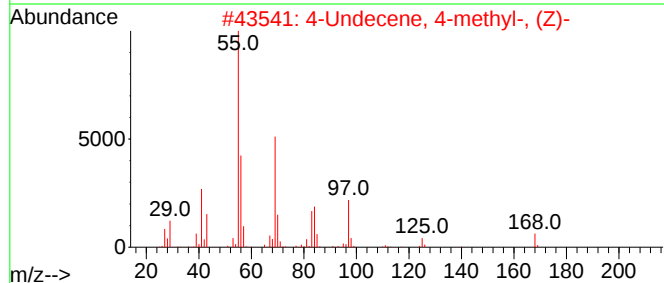
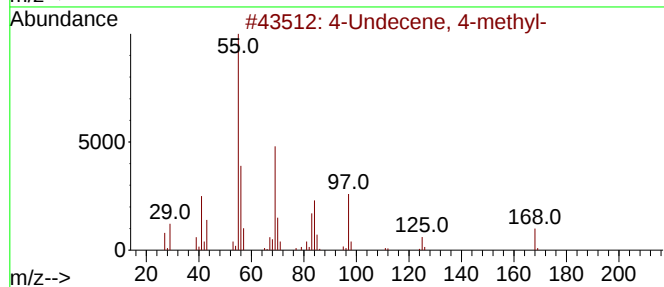
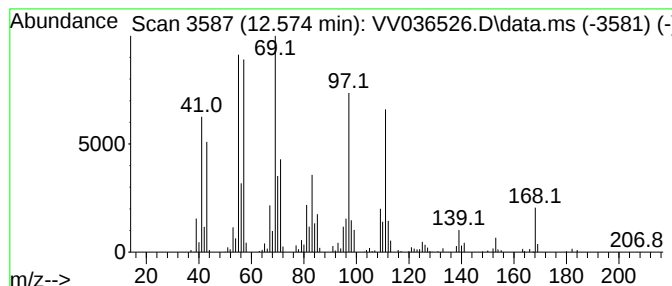
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Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	9.97 ug/L	217792	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Undecene, 4-methyl-	168	C12H24	061142-40-3	46
2		4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	46
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
4		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
5		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

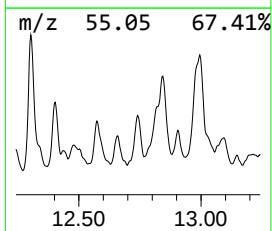
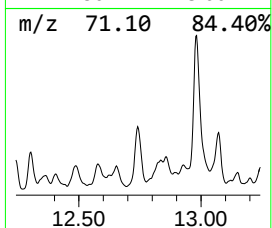
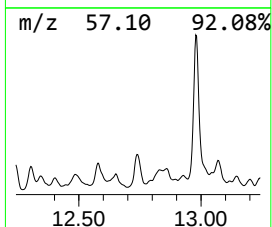
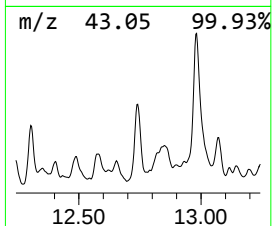
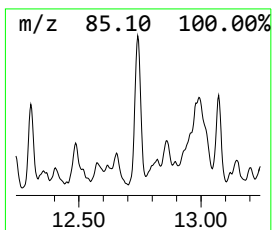
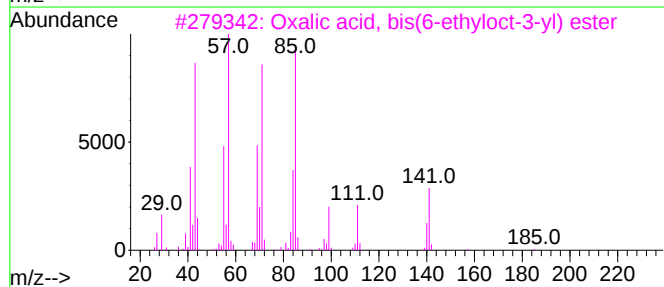
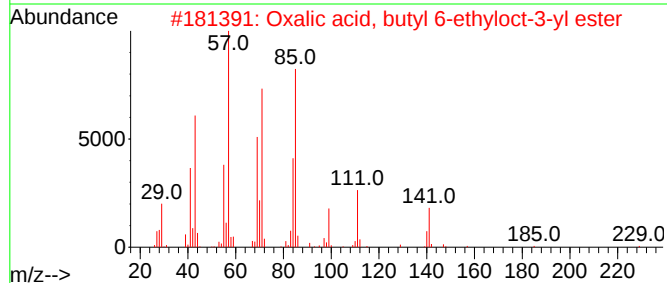
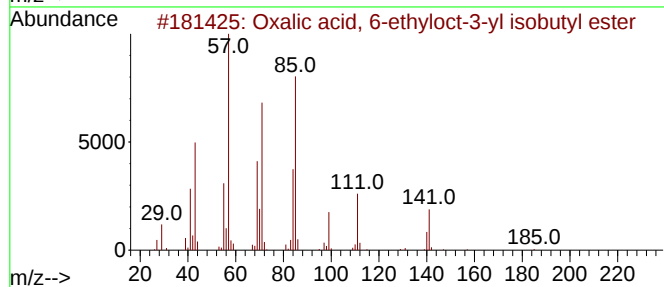
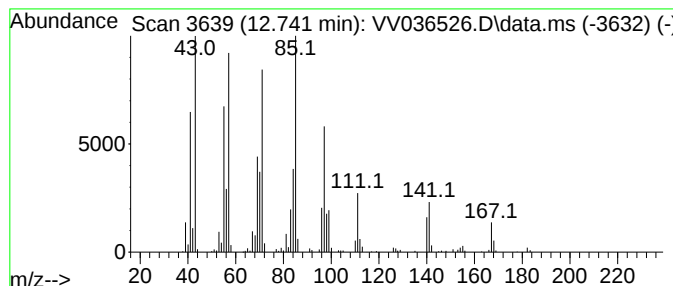
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Quant Title : VOC Analysis

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

Peak Number 41 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.741	11.13 ug/L	243113	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	74
2			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	72
3			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	64
4			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	58
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

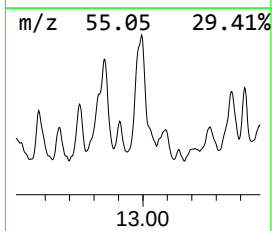
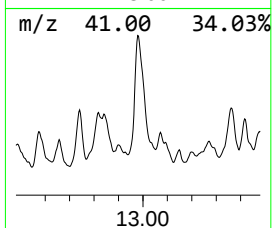
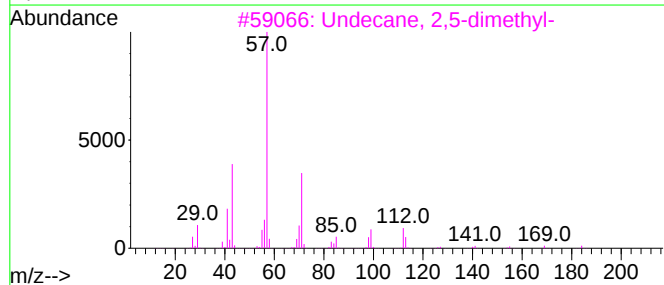
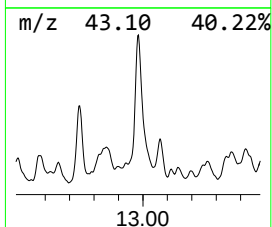
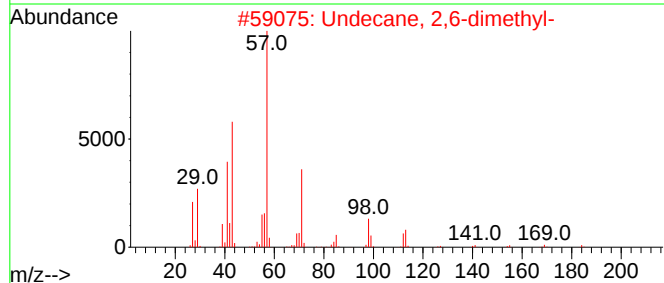
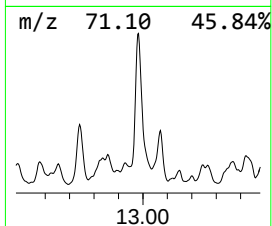
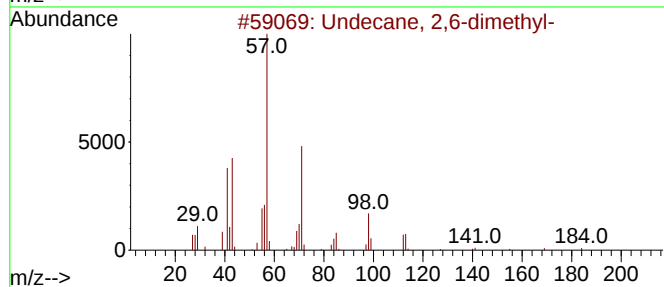
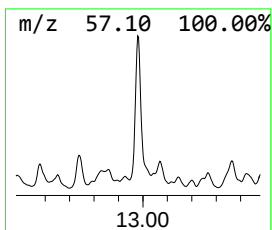
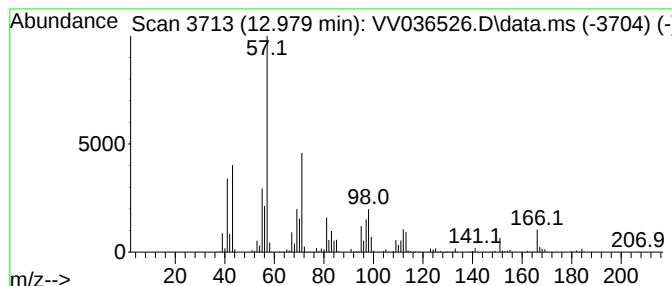
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.979	53.17 ug/L	1161260	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	52
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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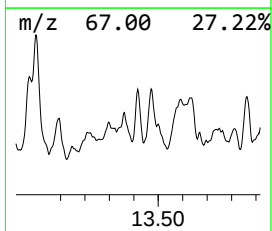
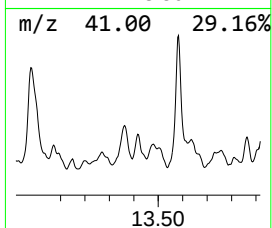
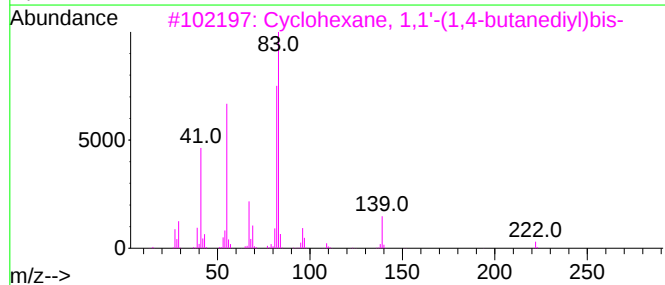
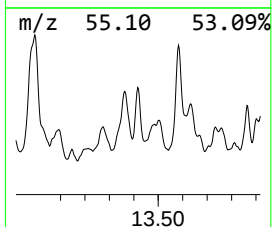
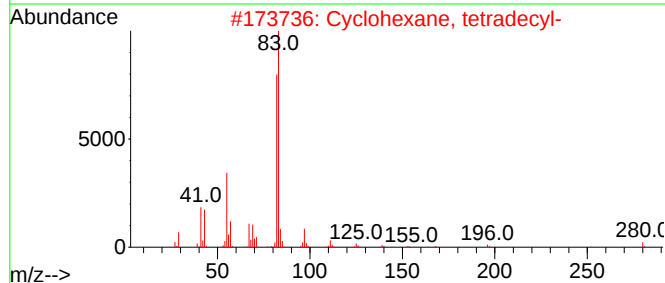
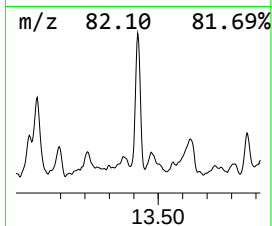
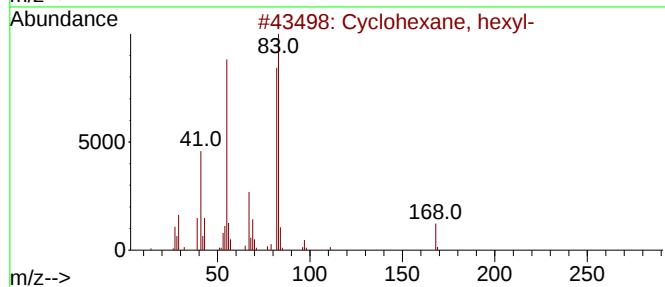
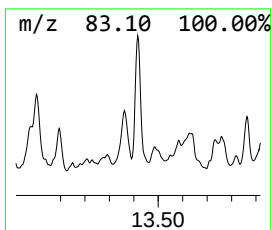
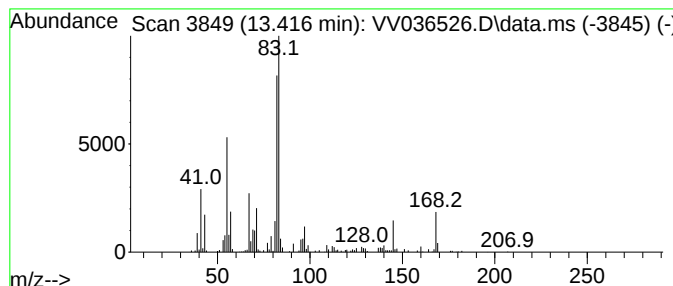
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Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Cyclic13.416 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	6.05 ug/L	132084	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
2			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	59
3			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

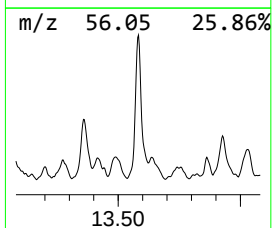
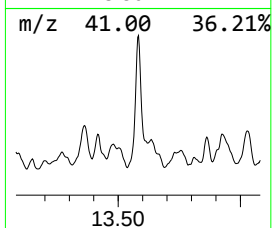
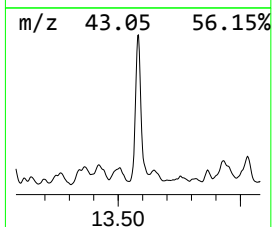
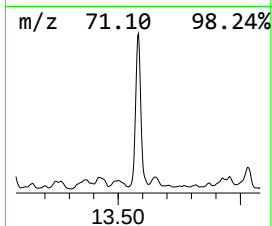
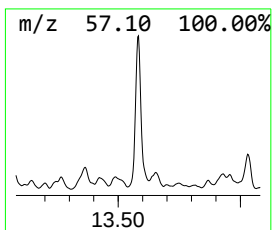
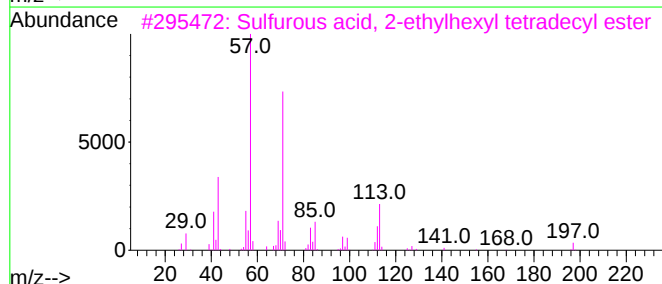
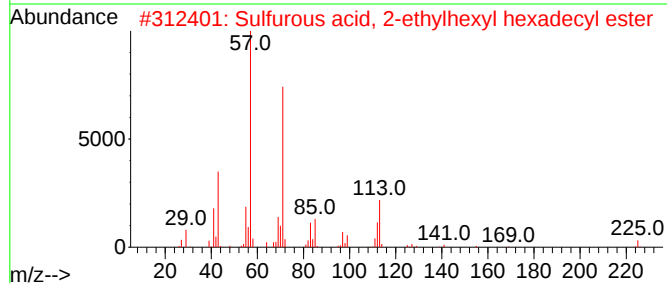
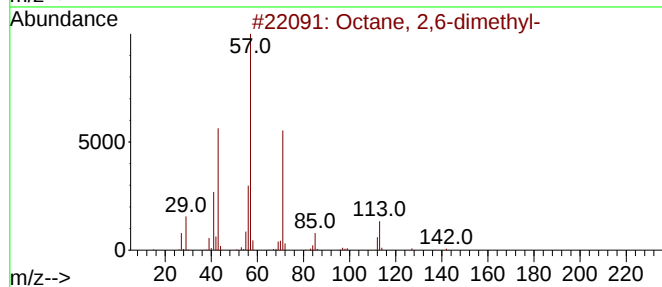
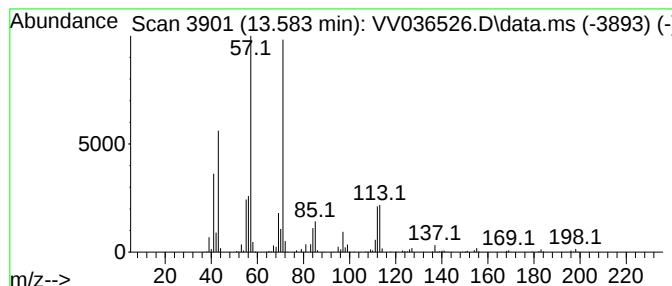
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.583	36.74 ug/L	802256	1,4-Dichlorobenzene-d4	11.185

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 tet...	390	C22H46O3S	1000309-19-7	80
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	80
5			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

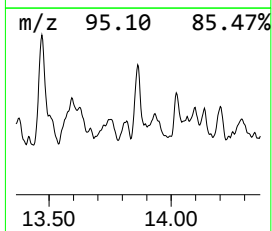
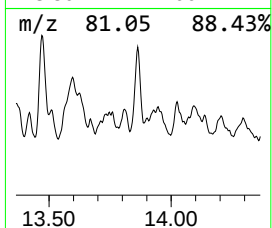
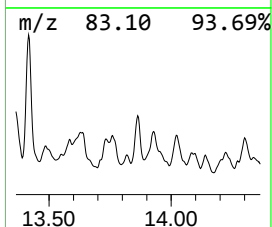
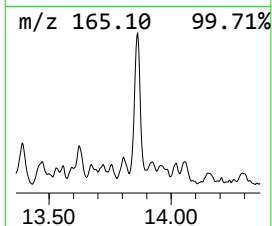
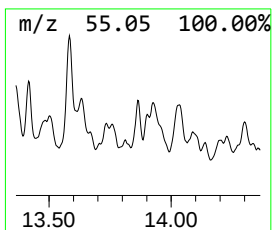
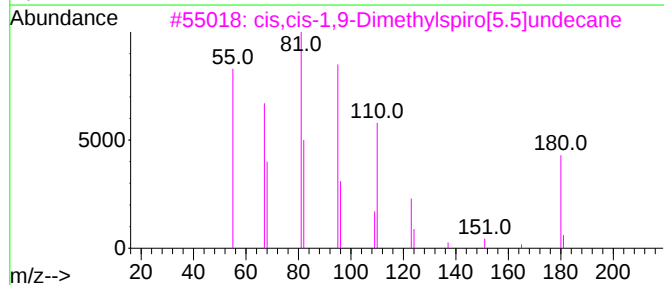
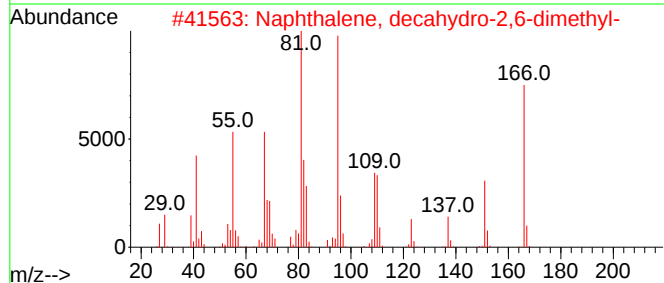
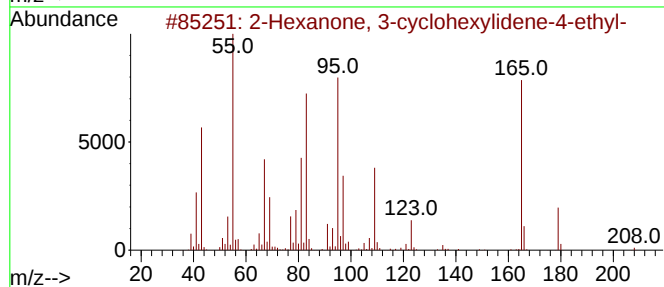
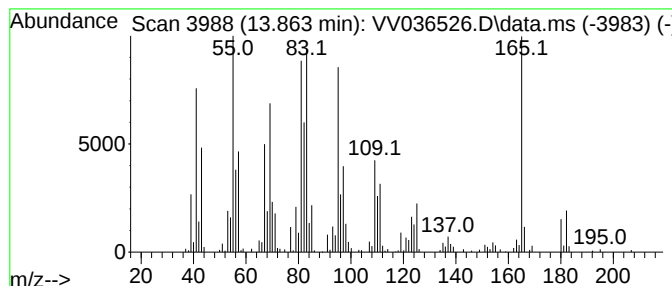
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Quant Title : VOC Analysis

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

Peak Number 45 2-Hexanone, 3-cyclohexylide... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	8.19 ug/L	178953	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-cyclohexylidene-4-...	208	C14H24O	1000150-19-2	58		
2	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	41		
3	cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	38		
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	35		
5	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

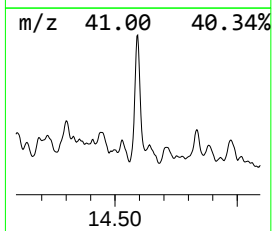
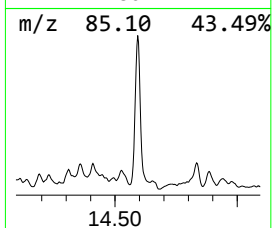
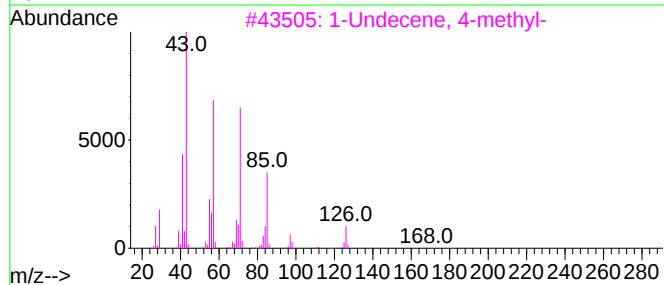
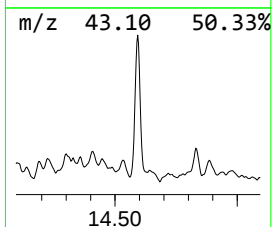
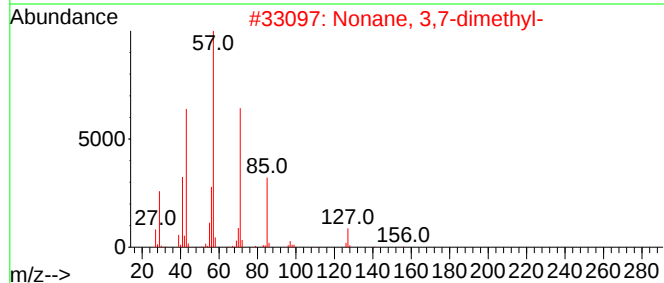
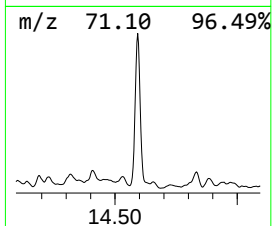
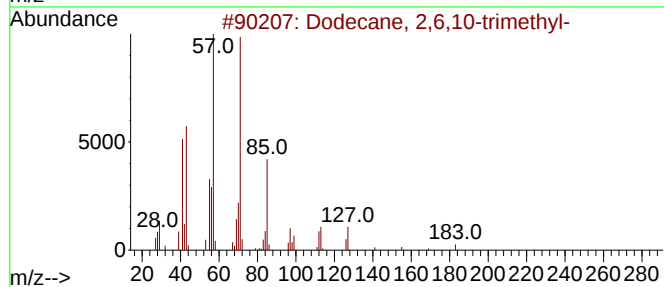
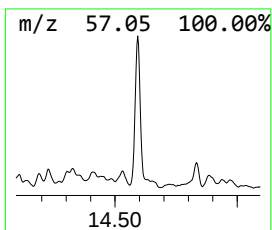
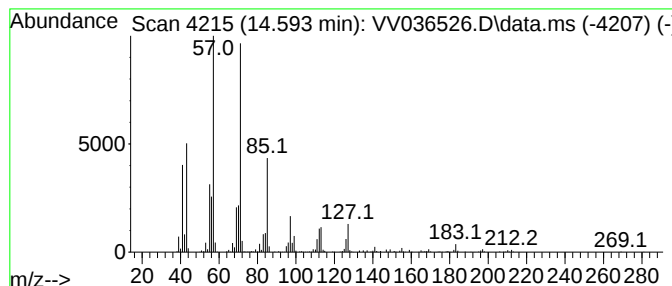
Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.593	22.72 ug/L	496177	1,4-Dichlorobenzene-d4	11.185	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

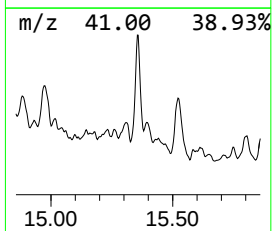
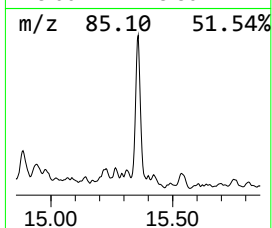
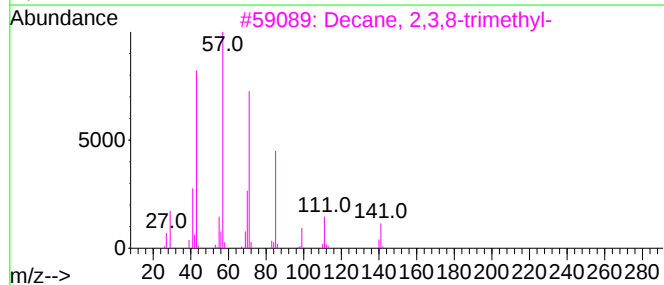
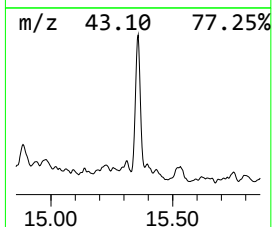
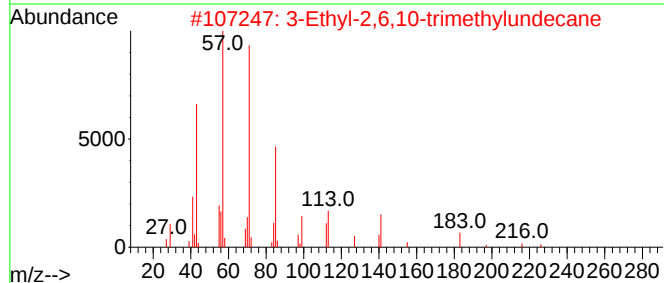
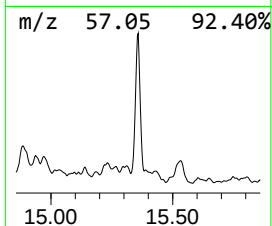
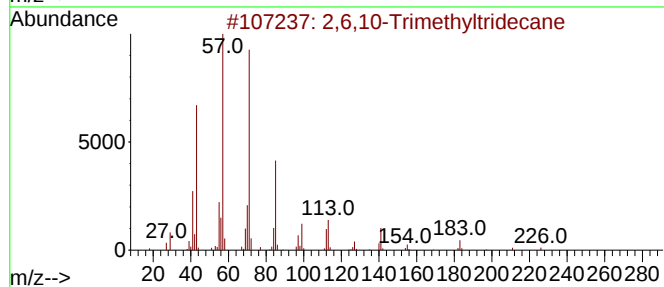
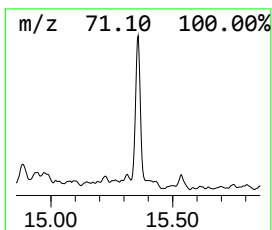
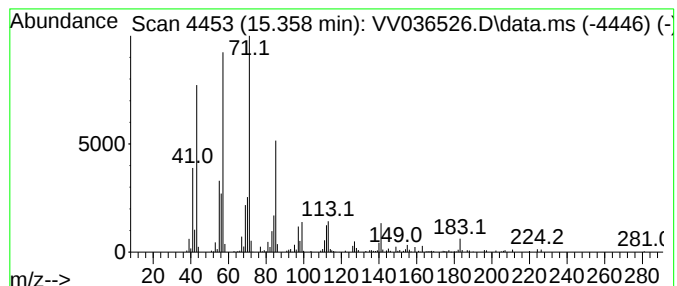
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	9.59 ug/L	209391	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	98
2		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	96
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	80
4		Docosyl octyl ether	438	C30H62O	1000406-38-9	72
5		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036526.D
Acq On : 15 Jul 2024 14:37
Operator : SY/MD
Sample : P3215-11RE
Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24RE

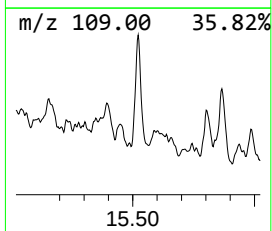
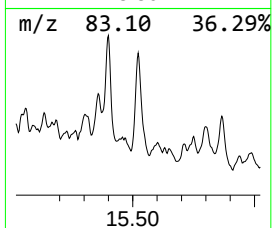
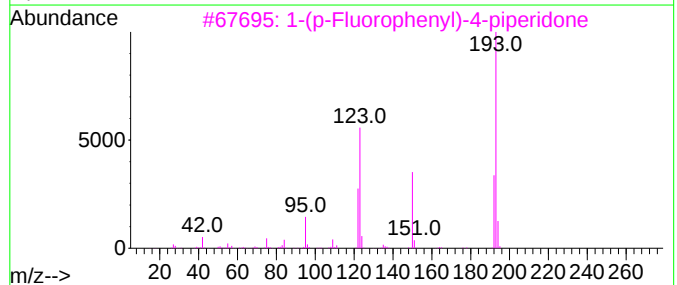
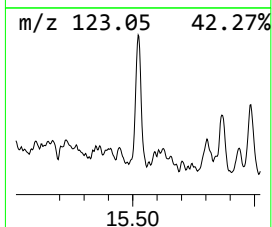
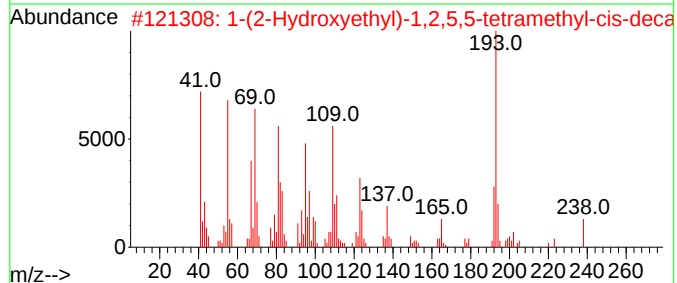
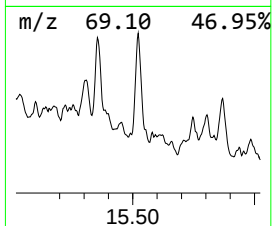
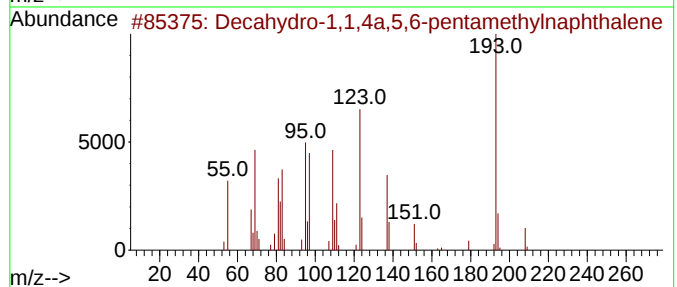
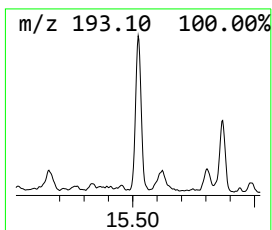
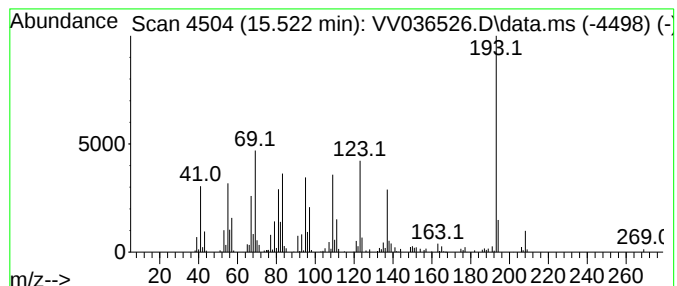
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Quant Title : VOC Analysis

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

Peak Number 48 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.522	10.71 ug/L	233797	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	68
2			1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	40
3			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	40
4			2-Anthracenamine	193	C14H11N	000613-13-8	38
5			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071524\
 Data File : VW036526.D
 Acq On : 15 Jul 2024 14:37
 Operator : SY/MD
 Sample : P3215-11RE
 Misc : 4.83g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D24RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.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...	7.188	2.5	ug/L	70744	2	8.783	710873	25.0	
(DEL) Alkane: C...	8.149	1.7	ug/L	47517	2	8.783	710873	25.0	
(DEL) Alkane: C...	8.220	2.5	ug/L	69674	2	8.783	710873	25.0	
(DEL) Alkane: C...	8.281	5.5	ug/L	157244	2	8.783	710873	25.0	
(DEL) Alkane: C...	8.435	1.5	ug/L	41757	2	8.783	710873	25.0	
(DEL) Alkane: C...	8.522	5.4	ug/L	153661	2	8.783	710873	25.0	
(DEL) Alkane: C...	8.924	1.9	ug/L	53265	2	8.783	710873	25.0	
(DEL) Alkane: S...	9.037	4.0	ug/L	113139	2	8.783	710873	25.0	
(DEL) Alkane: C...	9.088	5.0	ug/L	142562	2	8.783	710873	25.0	
(DEL) Alkane: C...	9.130	3.6	ug/L	101310	2	8.783	710873	25.0	
(DEL) Alkane: C...	9.249	3.1	ug/L	87865	2	8.783	710873	25.0	
(DEL) Alkane: C...	9.410	9.4	ug/L	268679	2	8.783	710873	25.0	
(DEL) Alkane: S...	9.513	2.0	ug/L	55408	2	8.783	710873	25.0	
(DEL) Alkane: S...	9.644	16.9	ug/L	480131	2	8.783	710873	25.0	
(DEL) Alkane: C...	9.731	7.0	ug/L	198273	2	8.783	710873	25.0	
(DEL) Alkane: S...	9.786	13.3	ug/L	377793	2	8.783	710873	25.0	
(DEL) Alkane: C...	9.847	3.5	ug/L	100714	2	8.783	710873	25.0	
(DEL) Alkane: C...	9.908	3.2	ug/L	92070	2	8.783	710873	25.0	
(DEL) Alkane: S...	9.953	7.4	ug/L	211643	2	8.783	710873	25.0	
Cyclooctene, 3-...	10.062	3.4	ug/L	73534	3	11.185	545965	25.0	
unknown-01	10.326	10.3	ug/L	223860	3	11.185	545965	25.0	
(DEL) Alkane: S...	10.445	18.1	ug/L	395265	3	11.185	545965	25.0	
Oxalic acid, do...	10.506	8.1	ug/L	177321	3	11.185	545965	25.0	
(DEL) Alkane: C...	10.615	3.4	ug/L	73924	3	11.185	545965	25.0	
Semustine	10.657	6.5	ug/L	142274	3	11.185	545965	25.0	
1-Iodo-2-methyl...	10.709	4.8	ug/L	105895	3	11.185	545965	25.0	
(DEL) Alkane: S...	10.818	38.0	ug/L	829405	3	11.185	545965	25.0	
(DEL) Alkane: S...	10.972	7.2	ug/L	157214	3	11.185	545965	25.0	
unknown-02	11.008	9.1	ug/L	199074	3	11.185	545965	25.0	
Oxalic acid, is...	11.037	16.1	ug/L	352225	3	11.185	545965	25.0	
(DEL) Alkane: C...	11.088	9.7	ug/L	210771	3	11.185	545965	25.0	
(DEL) Alkane: C...	11.352	10.3	ug/L	225699	3	11.185	545965	25.0	
3-Cyclohexylpro...	11.873	23.4	ug/L	511164	3	11.185	545965	25.0	
1-Dodecanol, 2-...	11.924	15.2	ug/L	332024	3	11.185	545965	25.0	
(DEL) Alkane: S...	12.062	13.6	ug/L	296023	3	11.185	545965	25.0	
Naphthalene, de...	12.194	22.1	ug/L	483806	3	11.185	545965	25.0	
(DEL) Alkane: C...	12.304	39.0	ug/L	851179	3	11.185	545965	25.0	
1-Methyldecahyd...	12.403	24.5	ug/L	535799	3	11.185	545965	25.0	
(DEL) Alkane: S...	12.574	10.0	ug/L	217792	3	11.185	545965	25.0	
Oxalic acid, 6-...	12.741	11.1	ug/L	243113	3	11.185	545965	25.0	
(DEL) Alkane: S...	12.979	53.2	ug/L	1161260	3	11.185	545965	25.0	
(DEL) Alkane: C...	13.416	6.0	ug/L	132084	3	11.185	545965	25.0	
(DEL) Alkane: S...	13.583	36.7	ug/L	802256	3	11.185	545965	25.0	
2-Hexanone, 3-c...	13.863	8.2	ug/L	178953	3	11.185	545965	25.0	
(DEL) Alkane: S...	14.593	22.7	ug/L	496177	3	11.185	545965	25.0	
(DEL) Alkane: S...	15.358	9.6	ug/L	209391	3	11.185	545965	25.0	
Decahydro-1,1,4...	15.522	10.7	ug/L	233797	3	11.185	545965	25.0	