

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035996.D
 Acq On : 06 Jun 2024 18:32
 Operator : SY/MD
 Sample : P2754-11
 Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BQ0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VV035996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	93	rVB	169711	195389	13.22%	1.092%
2	1.529	145	152	167	rVB	156339	189400	12.82%	1.059%
3	2.053	305	315	330	rVV	279476	411089	27.82%	2.298%
4	2.150	334	345	364	rVV3	21547	80342	5.44%	0.449%
5	2.233	366	371	386	rVB	20793	34037	2.30%	0.190%
6	2.442	421	436	456	rBV	70454	122313	8.28%	0.684%
7	2.584	477	480	484	rVB3	603	470	0.03%	0.003%
8	2.606	484	487	492	rBV4	460	456	0.03%	0.003%
9	2.645	495	499	504	rVB5	747	782	0.05%	0.004%
10	2.677	504	509	510	rBV3	867	620	0.04%	0.003%
11	2.706	510	518	528	rVB8	2649	4832	0.33%	0.027%
12	2.892	564	576	578	rBV4	1641	2497	0.17%	0.014%
13	2.966	586	599	620	rVB3	11143	25520	1.73%	0.143%
14	3.600	790	796	801	rBV4	612	819	0.06%	0.005%
15	3.841	860	871	919	rBV2	30484	182364	12.34%	1.020%
16	4.246	981	997	1032	rBV	218319	581267	39.34%	3.250%
17	4.513	1075	1080	1084	rVB5	1164	1022	0.07%	0.006%
18	4.577	1089	1100	1105	rBV5	941	1525	0.10%	0.009%
19	4.738	1146	1150	1158	rVB5	1230	1745	0.12%	0.010%
20	4.835	1176	1180	1183	rBV3	410	365	0.02%	0.002%
21	4.953	1202	1217	1254	rBV2	496289	1288493	87.20%	7.204%
22	5.137	1273	1274	1281	rVB4	660	495	0.03%	0.003%
23	5.272	1308	1316	1321	rBV6	690	928	0.06%	0.005%
24	5.310	1325	1328	1329	rBV	771	406	0.03%	0.002%
25	5.320	1329	1331	1334	rVB3	856	475	0.03%	0.003%
26	5.429	1361	1365	1368	rVB4	751	624	0.04%	0.003%
27	5.532	1385	1397	1435	rBV	653929	1377266	93.21%	7.700%
28	5.831	1478	1490	1509	rBV3	24318	56609	3.83%	0.316%
29	5.944	1520	1525	1526	rBV3	990	738	0.05%	0.004%
30	5.986	1526	1538	1569	rVV	297219	635634	43.02%	3.554%
31	6.265	1622	1625	1628	rBV2	603	391	0.03%	0.002%
32	6.310	1634	1639	1641	rBV4	717	454	0.03%	0.003%
33	6.326	1641	1644	1647	rVV2	511	378	0.03%	0.002%
34	6.346	1647	1650	1653	rVB3	838	563	0.04%	0.003%
35	6.410	1668	1670	1673	rVV	549	363	0.02%	0.002%
36	6.503	1696	1699	1702	rVB3	823	542	0.04%	0.003%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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

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

37	6.651	1742	1745	1748	rVB3	474	363	0.02%	0.002%
38	6.687	1752	1756	1759	rBV3	554	421	0.03%	0.002%
39	6.706	1759	1762	1767	rVB2	551	472	0.03%	0.003%
40	6.744	1767	1774	1775	rBV3	637	593	0.04%	0.003%
41	6.915	1814	1827	1856	rBV	126104	255543	17.29%	1.429%
42	7.063	1869	1873	1876	rBV3	748	601	0.04%	0.003%
43	7.243	1918	1929	1952	rBV	439351	786467	53.23%	4.397%
44	7.555	2017	2026	2062	rBV2	81049	168588	11.41%	0.943%
45	7.690	2067	2068	2071	rVB2	899	375	0.03%	0.002%
46	7.735	2080	2082	2087	rVB3	854	488	0.03%	0.003%
47	7.777	2092	2095	2097	rBV2	658	530	0.04%	0.003%
48	7.805	2102	2104	2112	rVB7	924	874	0.06%	0.005%
49	7.879	2114	2127	2135	rBV2	13024	24036	1.63%	0.134%
50	7.915	2135	2138	2147	rVB6	3104	3366	0.23%	0.019%
51	7.982	2154	2159	2163	rBV3	394	471	0.03%	0.003%
52	8.034	2166	2175	2223	rBV	139068	338868	22.93%	1.895%
53	8.256	2240	2244	2249	rVB6	1054	957	0.06%	0.005%
54	8.291	2250	2255	2261	rBV7	1025	1537	0.10%	0.009%
55	8.358	2272	2276	2284	rBV5	774	779	0.05%	0.004%
56	8.449	2300	2304	2307	rBV3	405	430	0.03%	0.002%
57	8.603	2348	2352	2356	rVV5	742	768	0.05%	0.004%
58	8.783	2396	2408	2439	rBV	892920	1477615	100.00%	8.261%
59	9.037	2480	2487	2489	rBV8	2354	2540	0.17%	0.014%
60	9.149	2517	2522	2523	rBV2	1484	1195	0.08%	0.007%
61	9.256	2544	2555	2563	rBV8	2817	5450	0.37%	0.030%
62	9.310	2568	2572	2575	rVB4	965	854	0.06%	0.005%
63	9.378	2577	2593	2603	rBV5	12892	27214	1.84%	0.152%
64	9.484	2620	2626	2628	rBV3	2637	2761	0.19%	0.015%
65	9.567	2649	2652	2660	rVB6	2288	2735	0.19%	0.015%
66	9.612	2660	2666	2668	rBV4	2109	1999	0.14%	0.011%
67	9.648	2668	2677	2684	rBV5	14290	23923	1.62%	0.134%
68	9.767	2707	2714	2727	rVB5	15250	28615	1.94%	0.160%
69	9.841	2729	2737	2748	rVB5	6552	13764	0.93%	0.077%
70	9.915	2750	2760	2765	rBV10	5969	10165	0.69%	0.057%
71	9.950	2765	2771	2780	rVB8	5815	9071	0.61%	0.051%
72	10.063	2797	2806	2815	rBV2	35683	54684	3.70%	0.306%
73	10.153	2823	2834	2852	rBV2	281689	583450	39.49%	3.262%
74	10.323	2874	2887	2895	rBV	61713	103582	7.01%	0.579%
75	10.365	2896	2900	2903	rBV4	7055	7061	0.48%	0.039%
76	10.448	2916	2926	2934	rBV10	15843	38797	2.63%	0.217%

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 Title : VOC Analysis

77	10.510	2937	2945	2952	rVV5	37912	63901	4.32%	0.357%
78	10.680	2993	2998	3002	rBV3	7805	10279	0.70%	0.057%
79	10.715	3003	3009	3015	rVV3	17521	22074	1.49%	0.123%
80	10.764	3016	3024	3033	rVB4	54574	93168	6.31%	0.521%
81	10.850	3033	3051	3059	rBV5	79118	238908	16.17%	1.336%
82	10.969	3080	3088	3094	rBV3	79164	122378	8.28%	0.684%
83	11.082	3115	3123	3131	rBV	114354	164416	11.13%	0.919%
84	11.185	3146	3155	3173	rBV	703863	1168165	79.06%	6.531%
85	11.259	3173	3178	3184	rBV3	28615	35032	2.37%	0.196%
86	11.329	3192	3200	3203	rBV	99085	144584	9.78%	0.808%
87	11.484	3240	3248	3251	rBV4	71827	106989	7.24%	0.598%
88	11.558	3262	3271	3286	rBV2	447290	806151	54.56%	4.507%
89	11.718	3313	3321	3325	rBV4	99871	161716	10.94%	0.904%
90	11.924	3379	3385	3401	rVB6	58937	146964	9.95%	0.822%
91	12.194	3460	3469	3479	rBV9	150146	260224	17.61%	1.455%
92	12.310	3496	3505	3525	rVB5	120834	321946	21.79%	1.800%
93	12.407	3527	3535	3548	rBV7	141947	305703	20.69%	1.709%
94	12.538	3568	3576	3585	rBV4	255936	453911	30.72%	2.538%
95	12.738	3631	3638	3649	rVB5	134601	232377	15.73%	1.299%
96	13.583	3893	3901	3914	rBV	860838	1314182	88.94%	7.347%
97	14.593	4207	4215	4224	rBV	755806	1114385	75.42%	6.230%
98	15.358	4445	4453	4461	rBV	485360	693915	46.96%	3.879%
99	15.522	4498	4504	4518	rVB5	325920	590834	39.99%	3.303%
100	17.467	5101	5109	5124	rVB	74614	131299	8.89%	0.734%

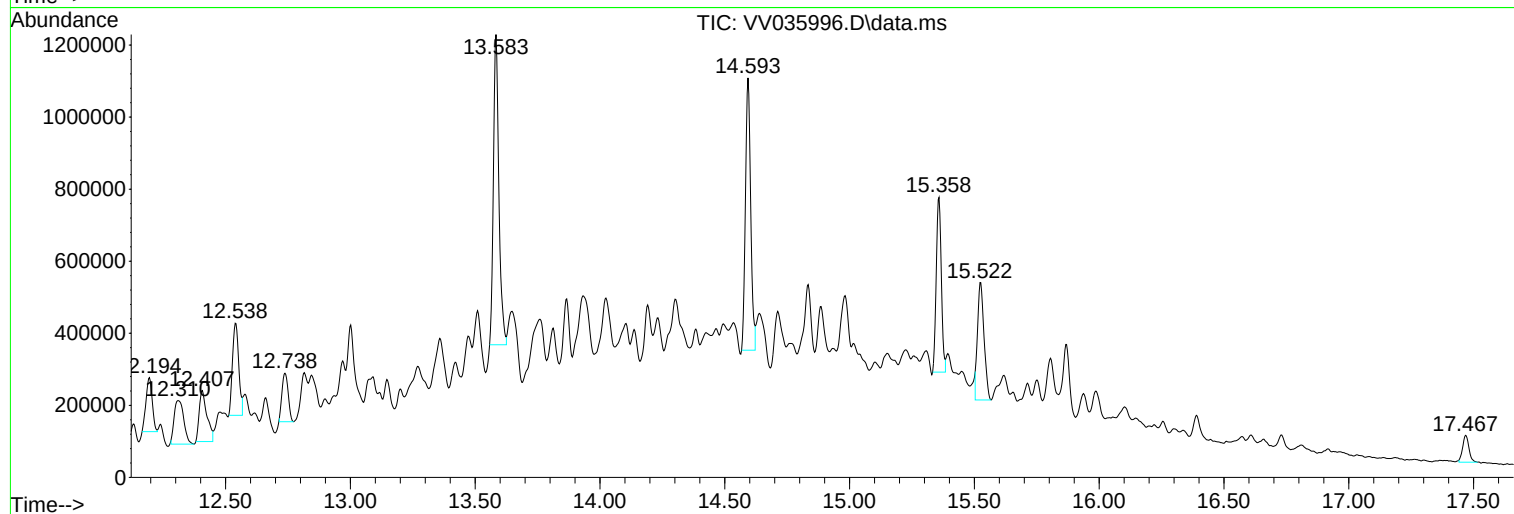
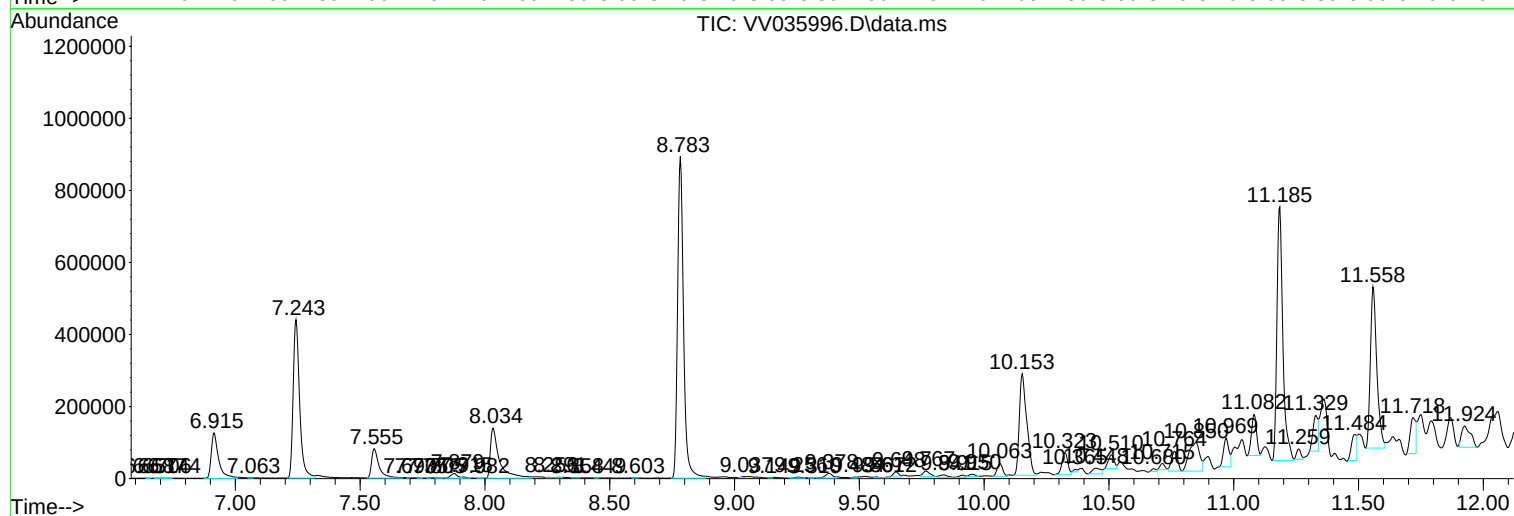
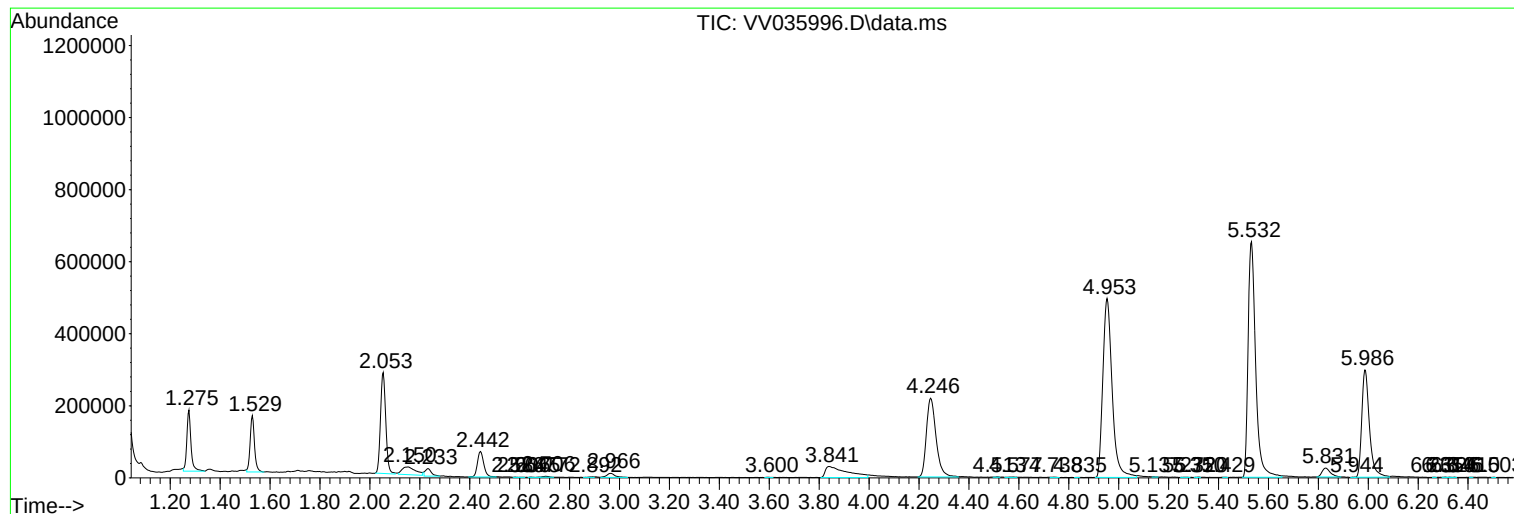
Sum of corrected areas: 17886716

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Instrument :
MSVOA_V
ClientSampleId :
A4BQ0

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
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Instrument :
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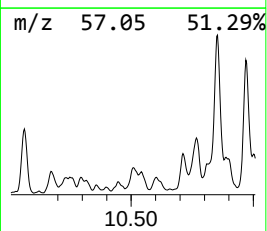
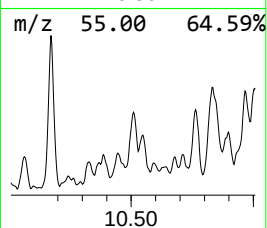
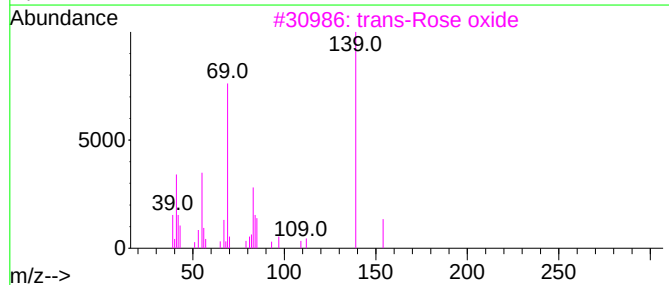
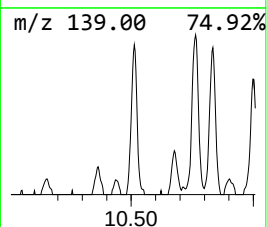
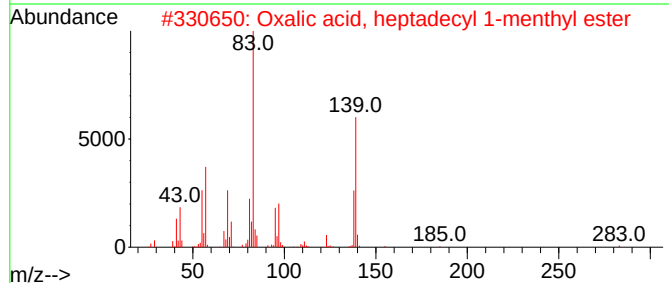
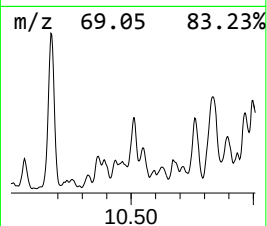
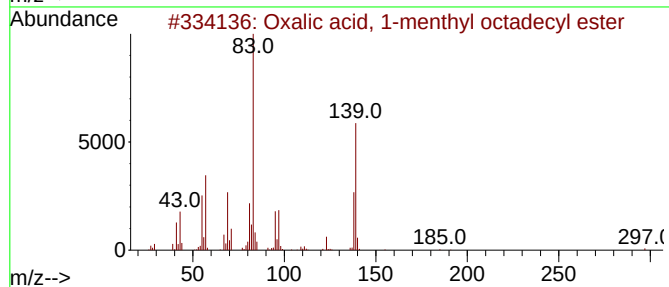
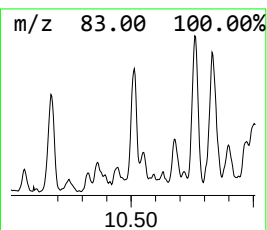
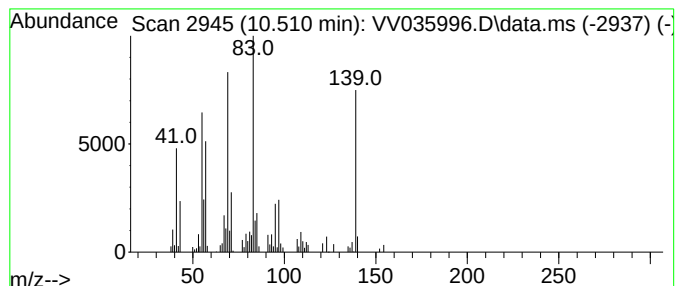
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Oxalic acid, 1-menthyl octa... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.509	1.37 ug/L	63901	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 1-menthyl octadecyl...	480	C30H56O4	1000314-98-5	52
2			Oxalic acid, heptadecyl 1-menthy...	466	C29H54O4	1000314-98-4	50
3			trans-Rose oxide	154	C10H18O	000876-18-6	49
4			Tartaric acid, dimethyl ester	426	C24H42O6	1000149-89-9	47
5			Oxalic acid, butyl 1-menthyl ester	284	C16H28O4	1000314-97-2	43



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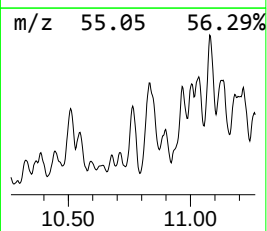
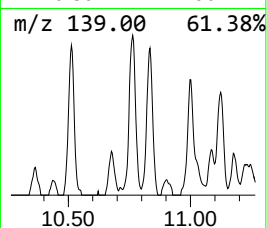
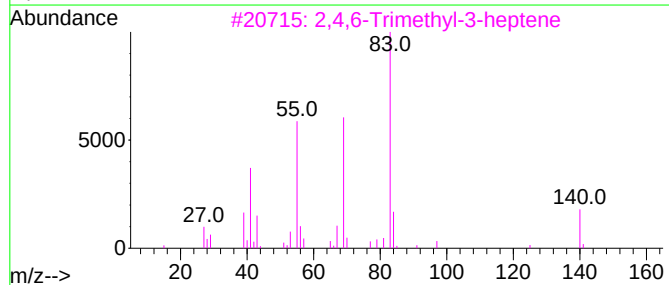
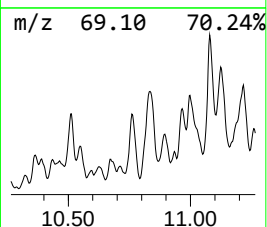
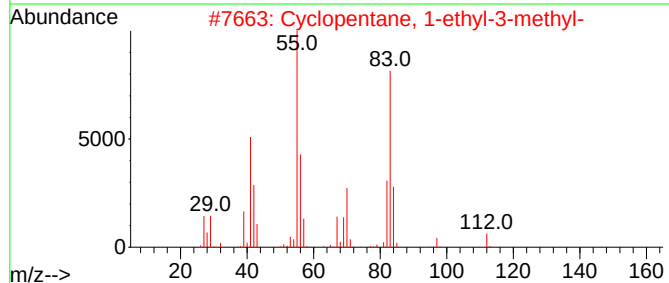
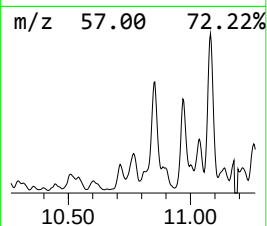
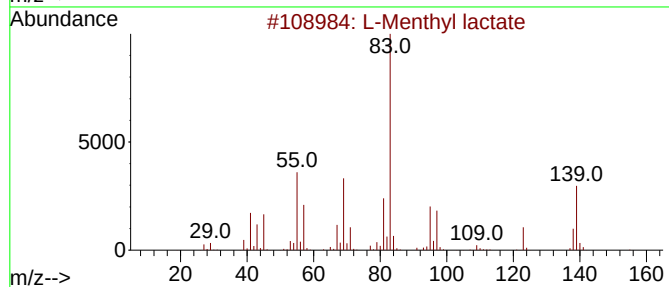
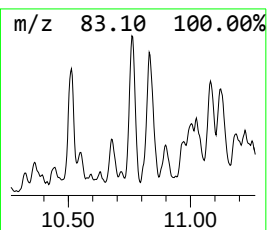
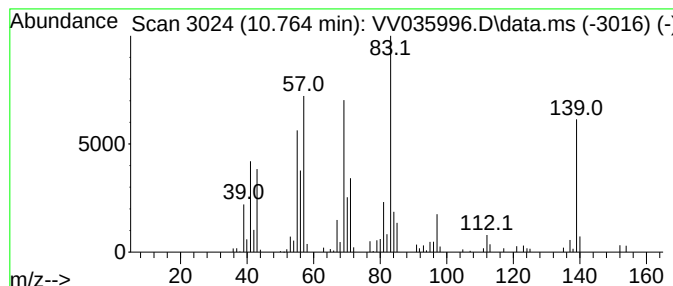
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 L-Menthyl lactate Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	1.99 ug/L	93168	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			L-Menthyl lactate	228	C13H24O3	185915-25-7	52
2			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	38
3			2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	38
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	35
5			3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	35



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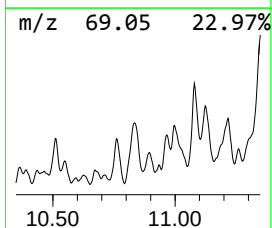
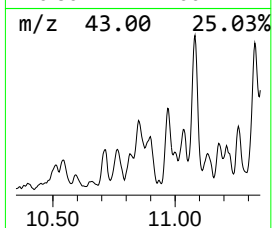
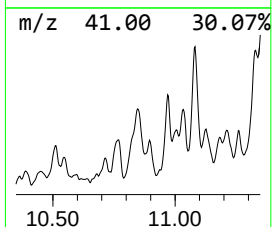
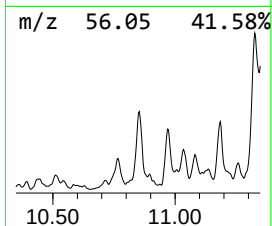
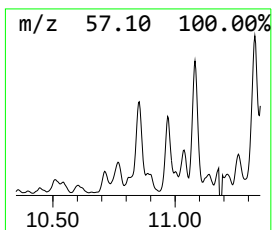
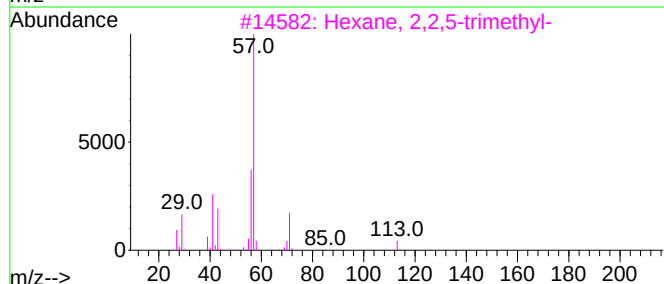
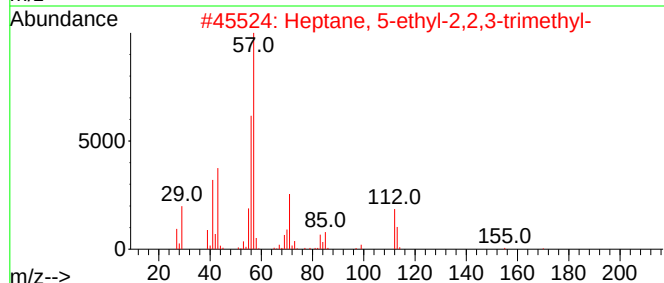
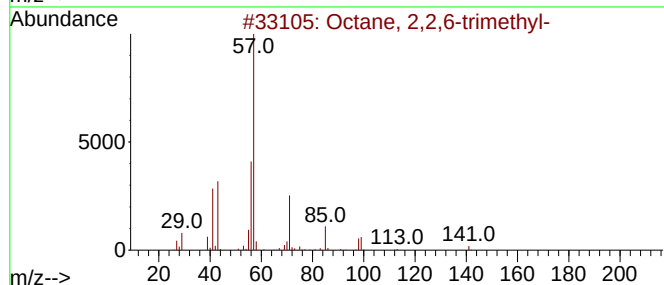
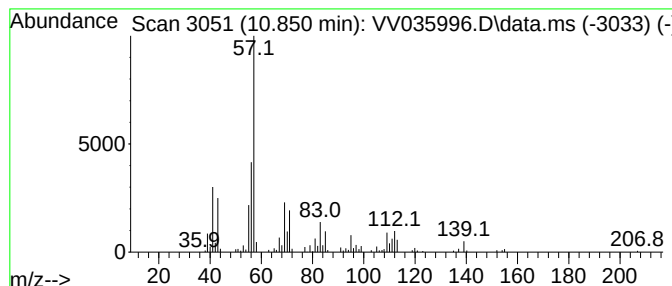
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.850	5.11 ug/L	238908	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
2			Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	53
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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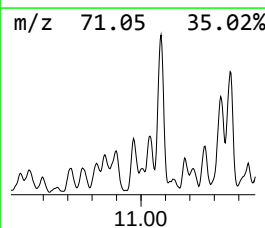
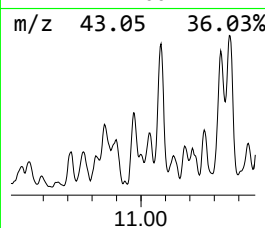
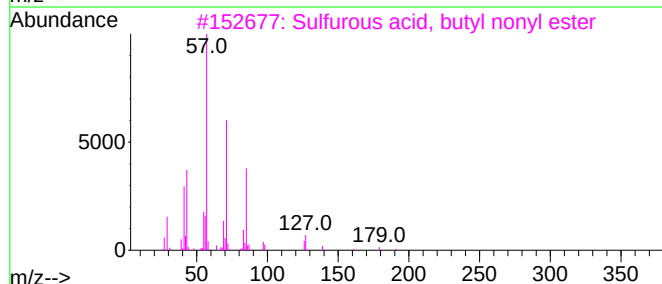
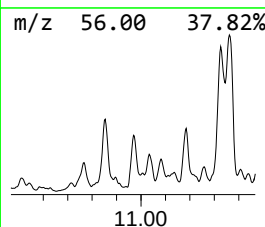
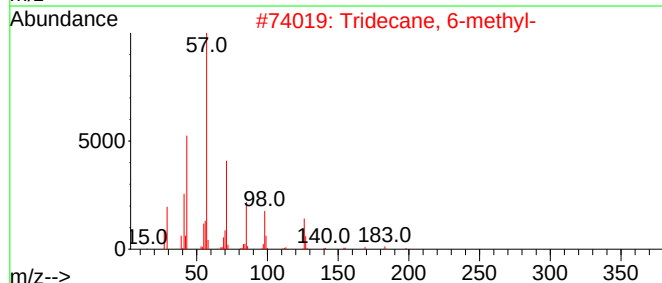
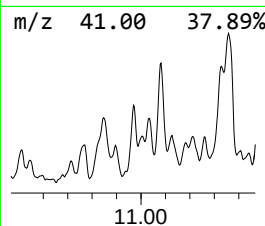
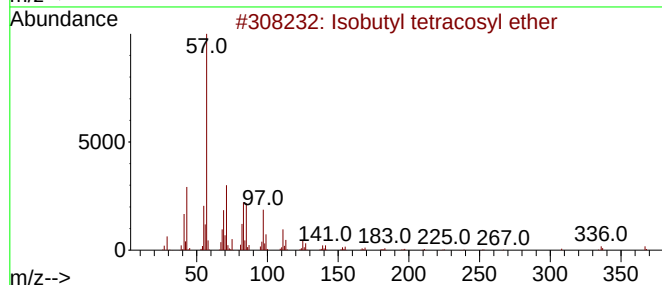
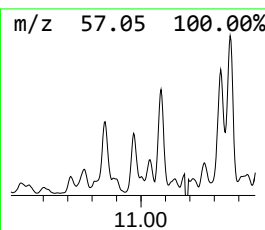
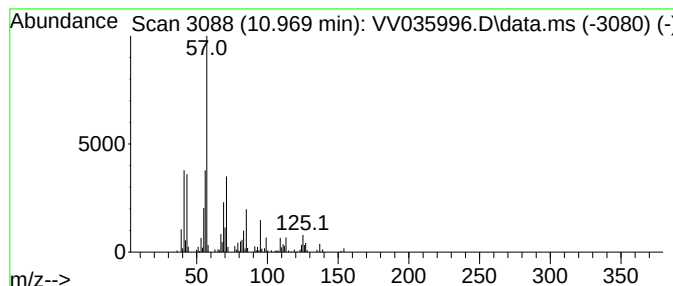
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Quant Title : VOC Analysis

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

Peak Number 7 Isobutyl tetracosyl ether Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	2.62 ug/L	122378	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	53
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
4			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
5			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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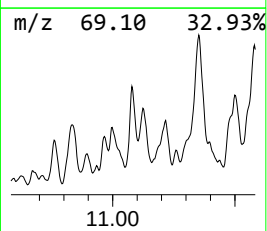
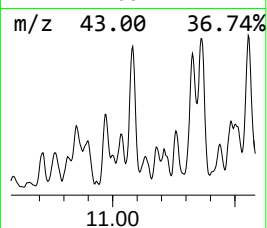
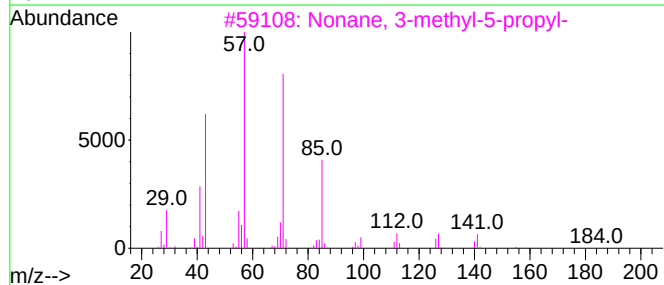
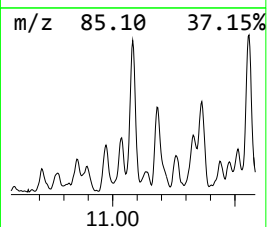
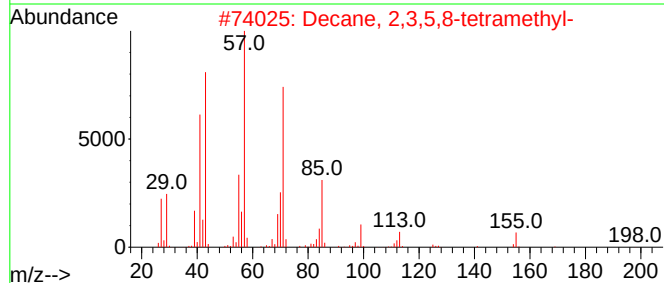
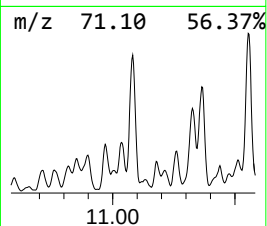
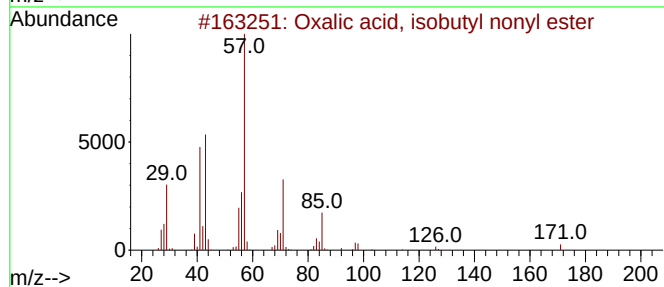
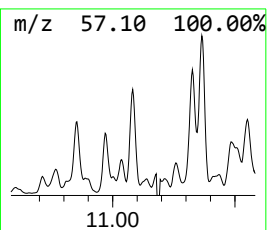
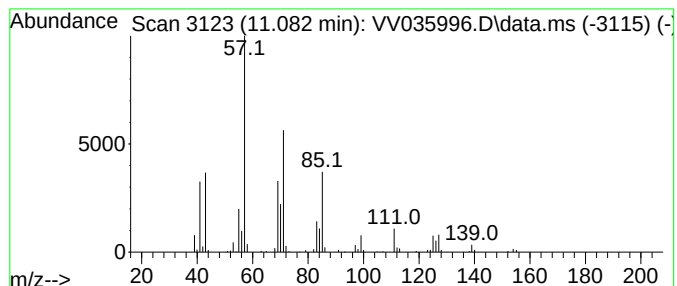
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Quant Title : VOC Analysis

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

Peak Number 8 Oxalic acid, isobutyl nonyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	3.52 ug/L	164416	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	59
2			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	59
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5			Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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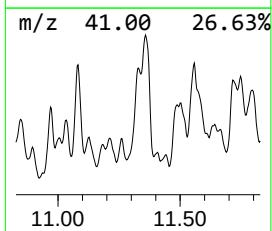
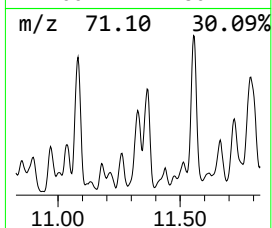
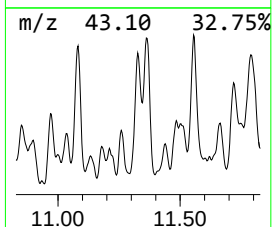
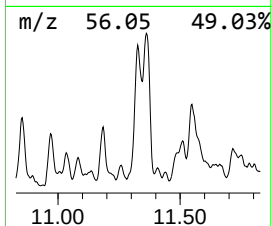
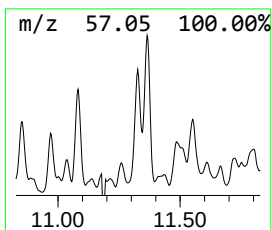
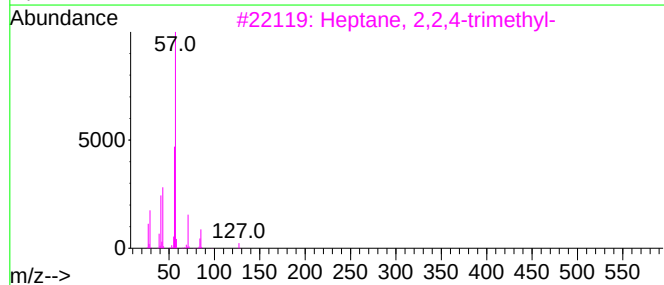
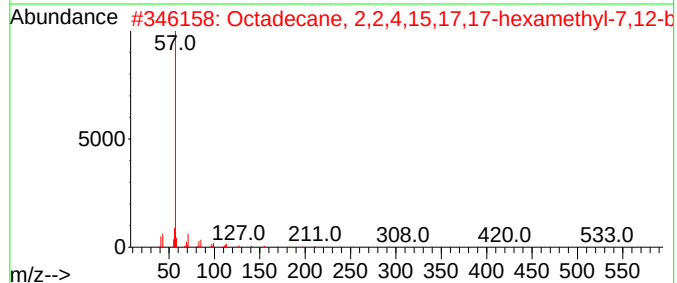
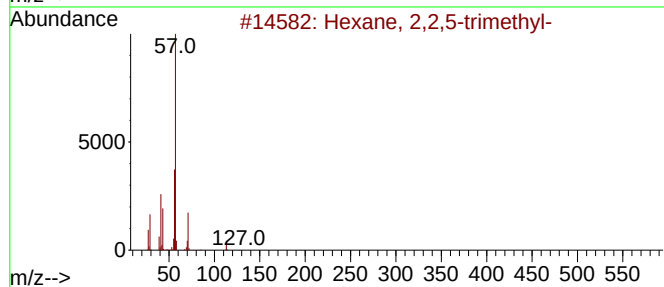
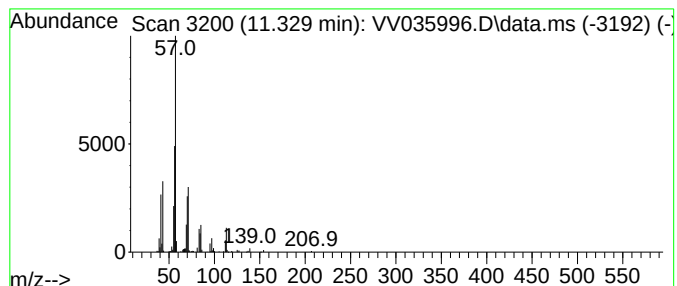
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.329	3.09 ug/L	144584	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
2			Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	43
3			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	43
4			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	43
5			2-Bromopropionic acid, 2-ethylhe...	264	C11H21BrO2	130841-38-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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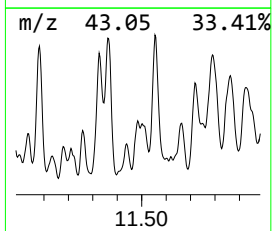
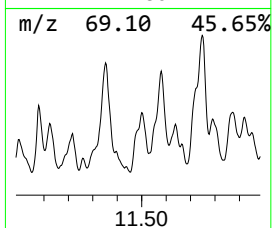
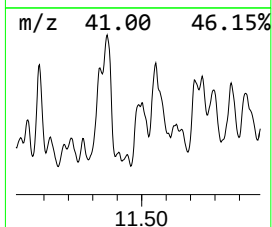
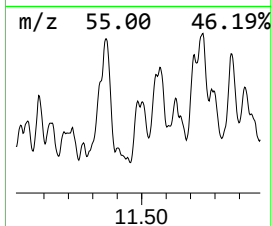
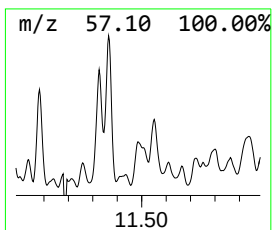
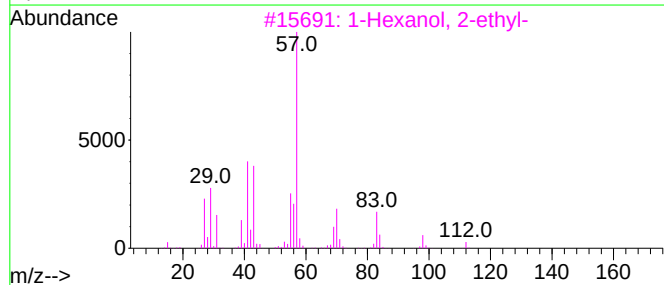
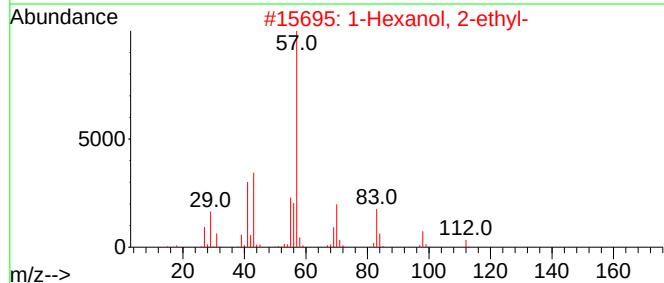
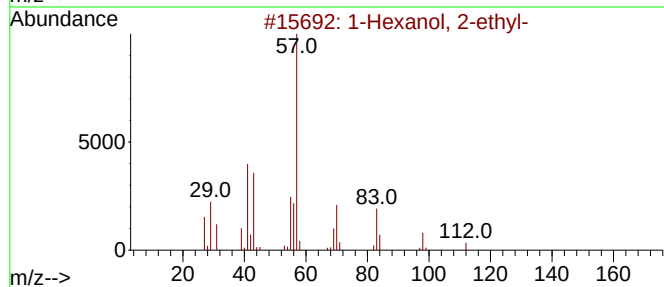
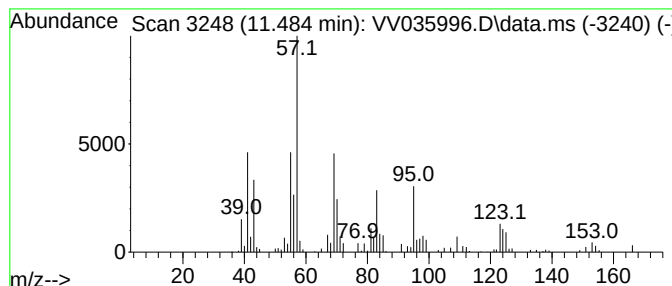
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	2.29 ug/L	106989	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
4		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	35
5		2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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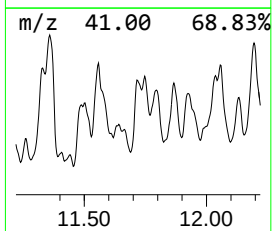
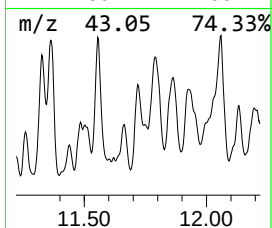
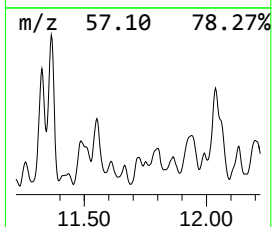
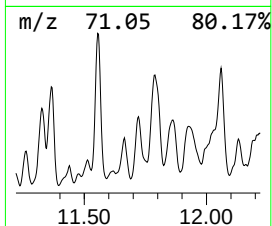
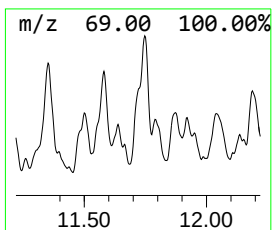
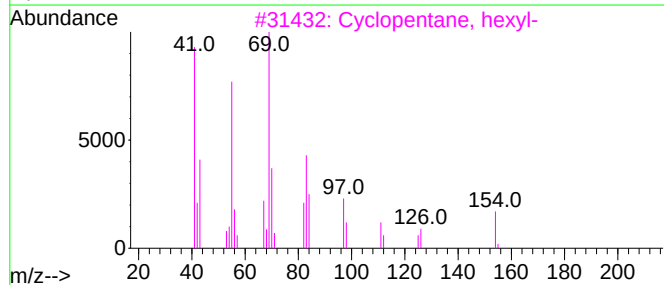
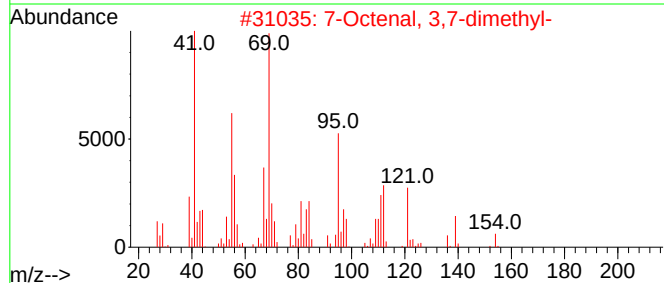
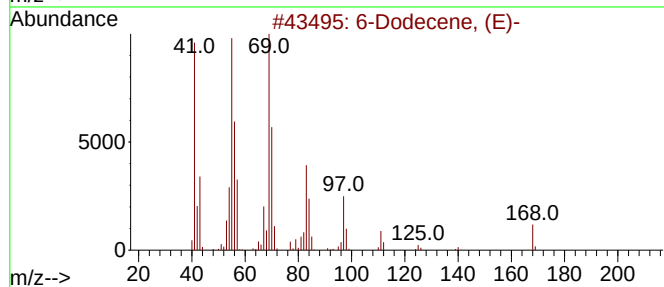
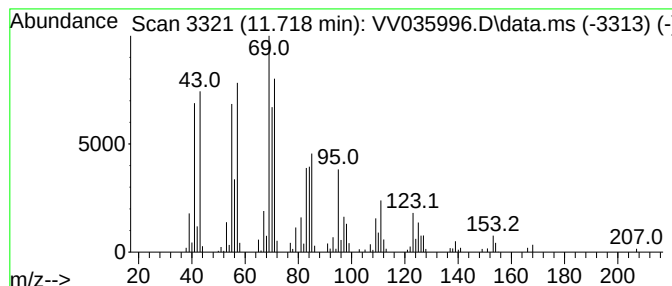
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.719	3.46 ug/L	161716	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-			168	C12H24	007206-17-9	46
2	7-Octenal, 3,7-dimethyl-			154	C10H18O	000141-26-4	42
3	Cyclopentane, hexyl-			154	C11H22	004457-00-5	38
4	Hexane, 2,3,4-trimethyl-			128	C9H20	000921-47-1	30
5	2-Undecene, 9-methyl-, (E)-			168	C12H24	074630-46-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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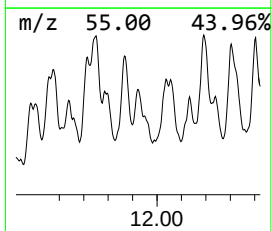
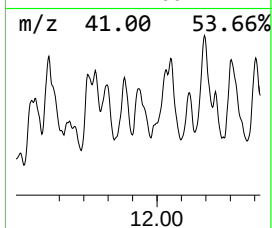
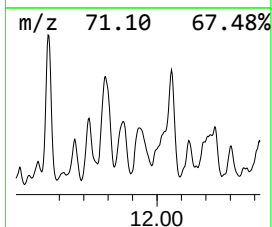
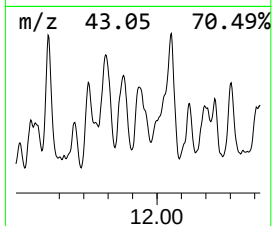
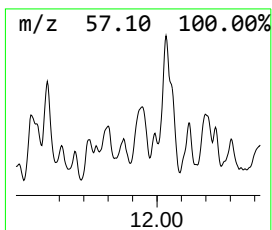
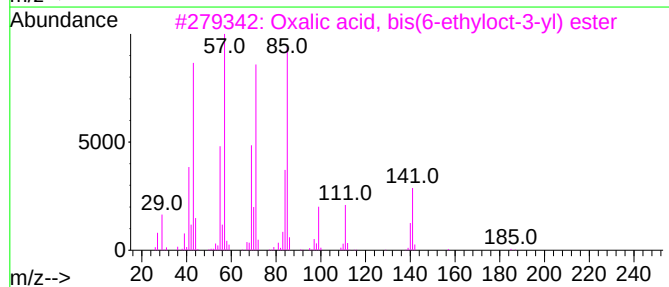
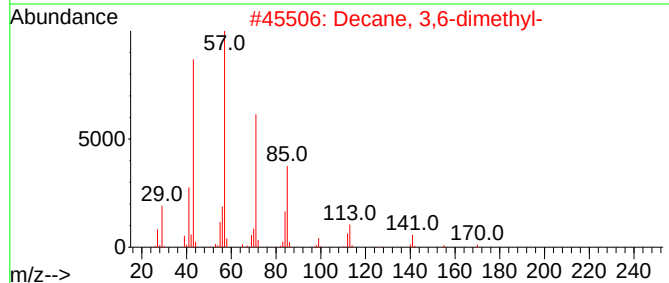
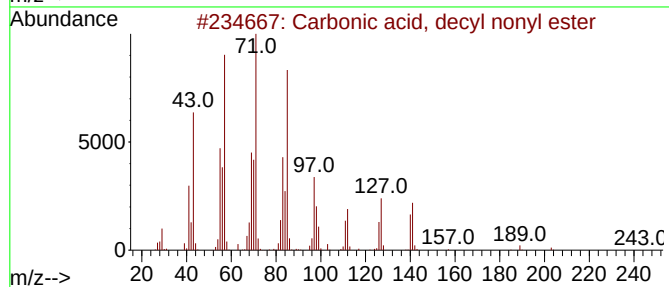
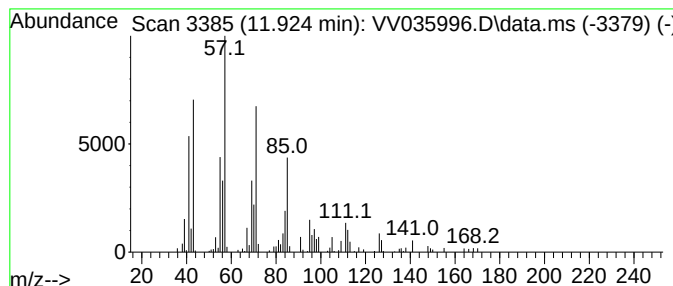
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Quant Title : VOC Analysis

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

Peak Number 12 Carbonic acid, decyl nonyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.924	3.15 ug/L	146964	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	80
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
3			Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	58
4			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	52
5			Decane, 5-propyl-	184	C13H28	017312-62-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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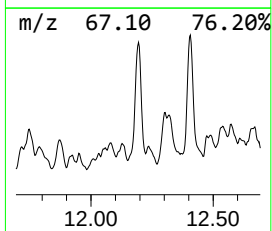
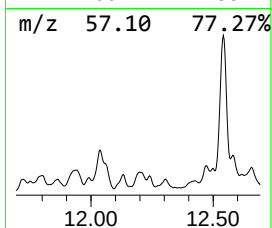
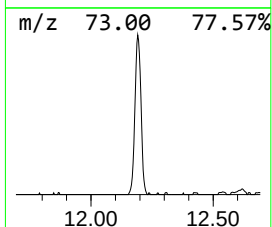
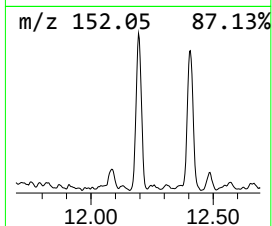
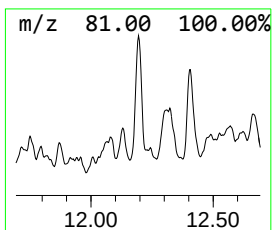
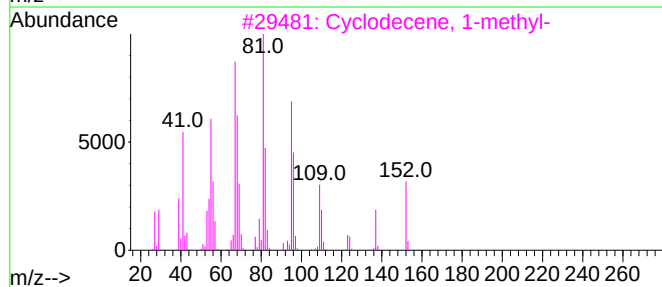
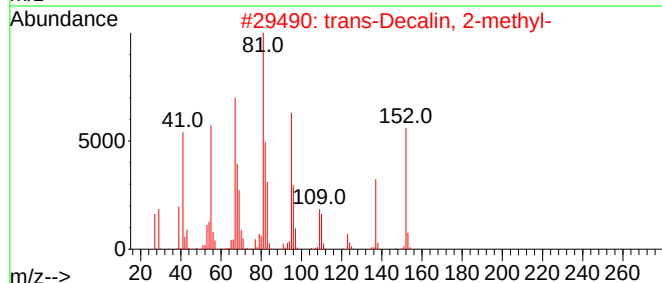
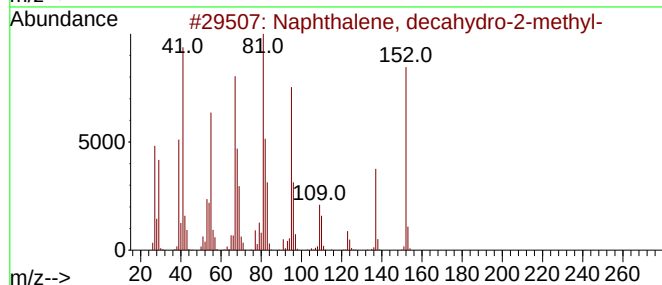
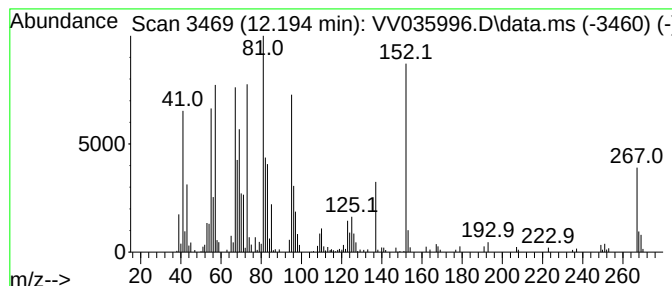
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Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.194	5.57 ug/L	260224	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	90
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	70
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	70
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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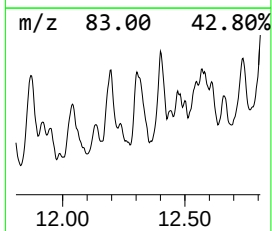
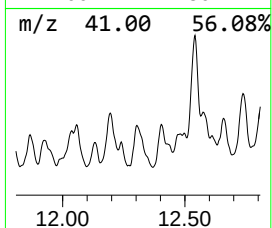
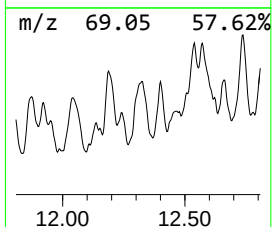
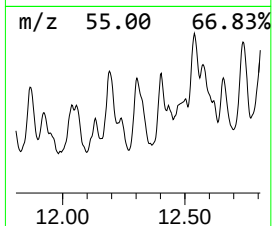
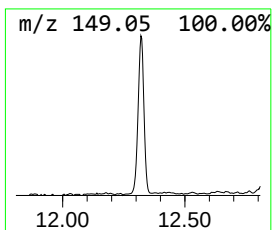
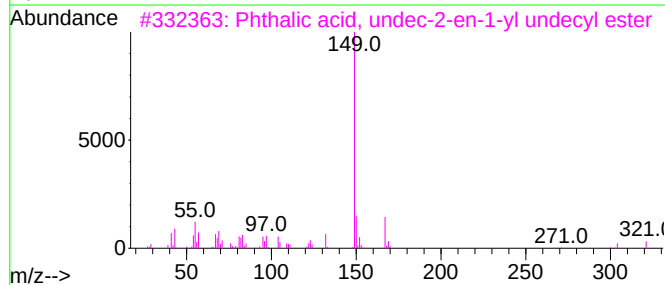
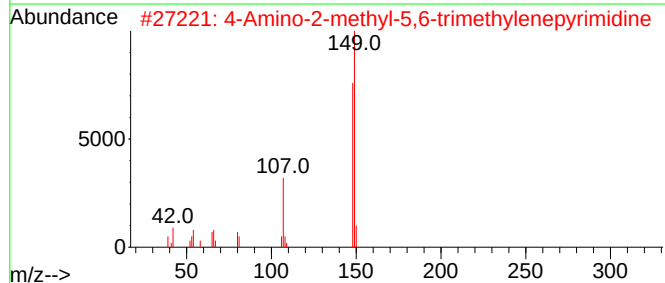
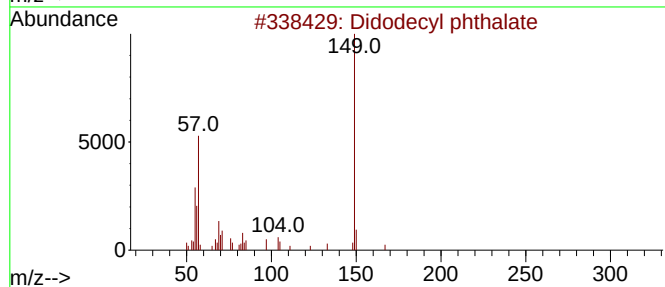
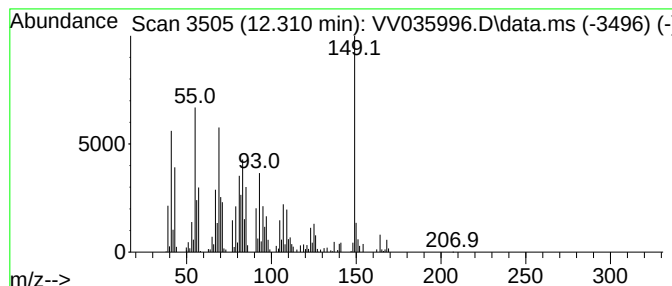
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	6.89 ug/L	321946	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Didodecyl phthalate	502	C32H54O4	002432-90-8	46
2			4-Amino-2-methyl-5,6-trimethylen...	149	C8H11N3	076881-49-7	38
3			Phthalic acid, undec-2-en-1-yl u...	472	C30H48O4	1000315-42-2	38
4			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	38
5			Phthalic acid, hex-2-yn-4-yl iso...	330	C20H26O4	1000315-20-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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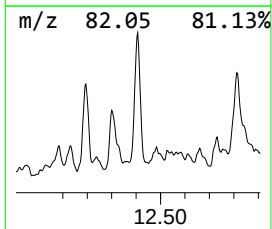
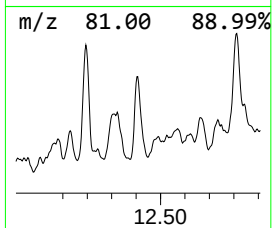
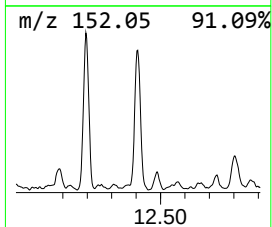
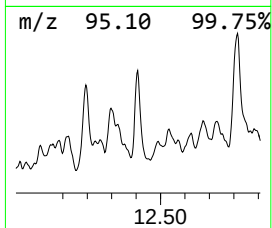
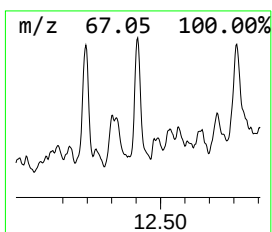
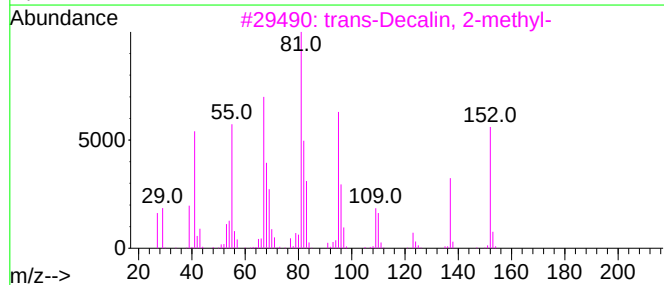
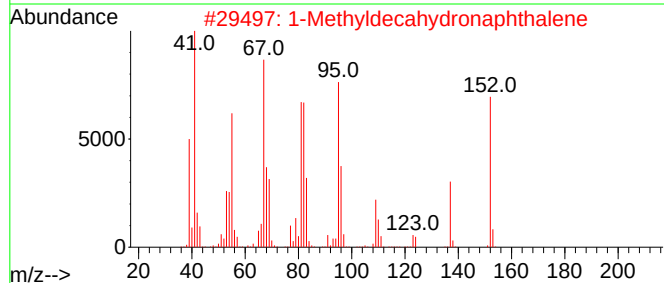
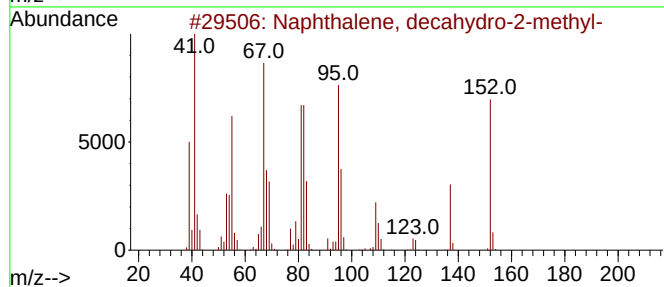
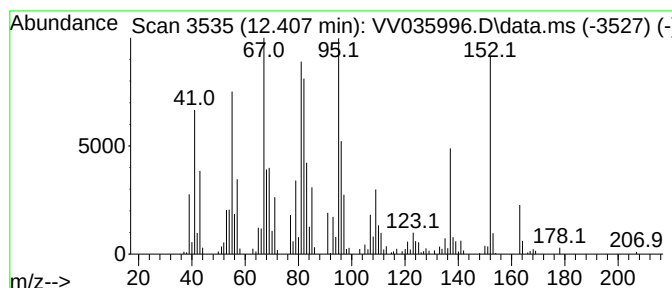
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Quant Title : VOC Analysis

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

Peak Number 15 1-Methyldecahydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.407	6.54 ug/L	305703	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	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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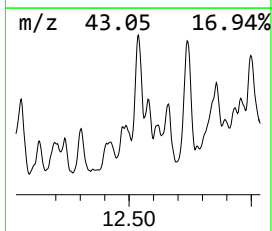
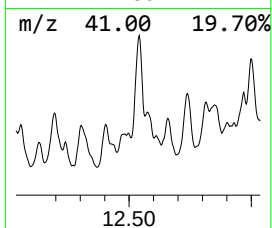
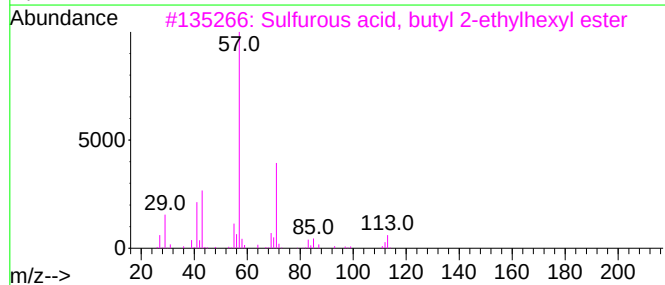
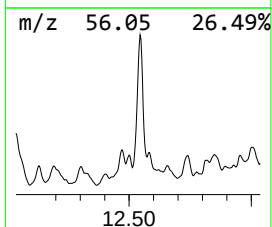
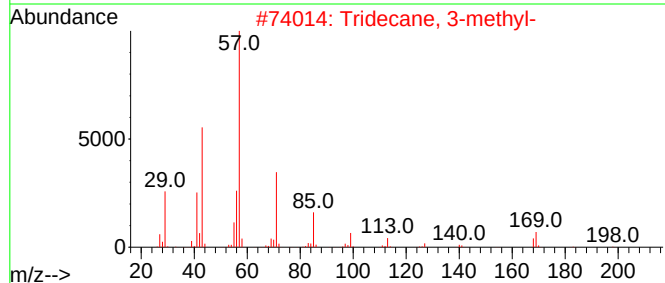
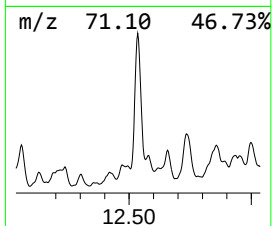
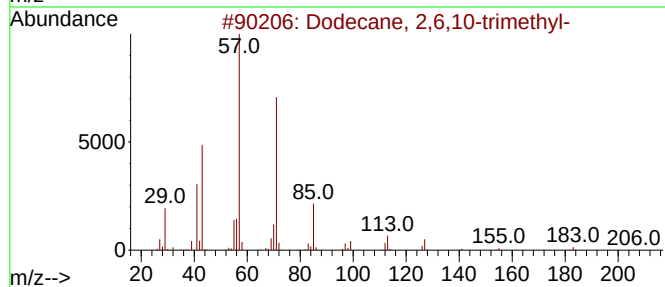
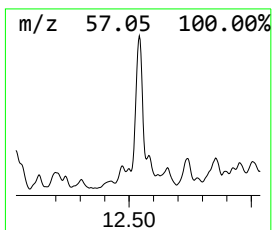
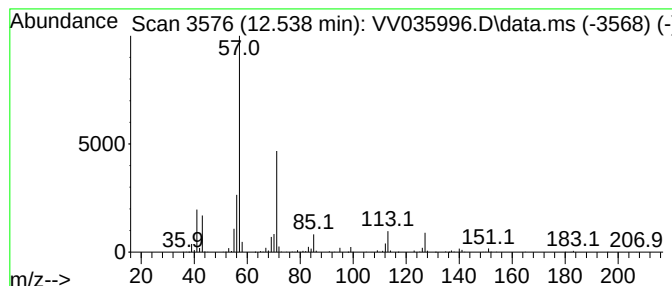
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.538	9.71 ug/L	453911	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	64
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5			Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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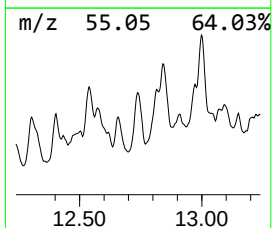
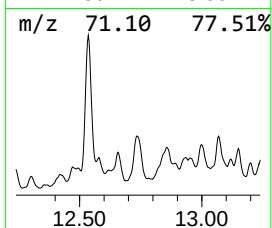
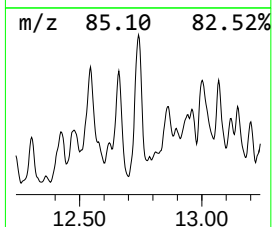
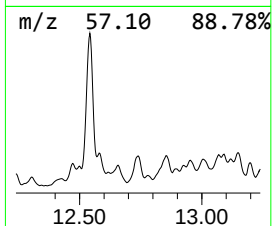
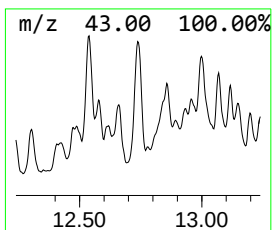
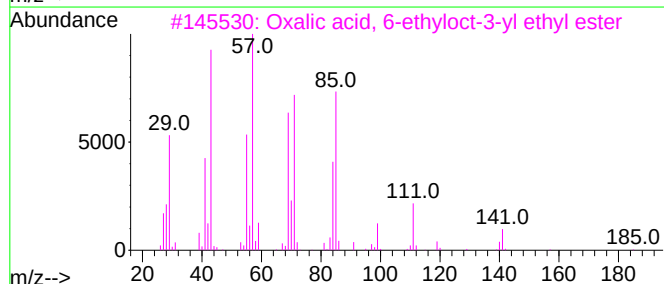
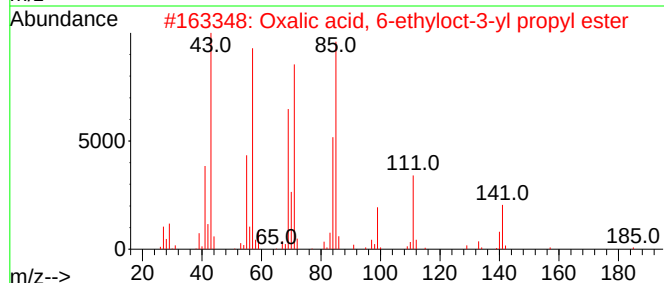
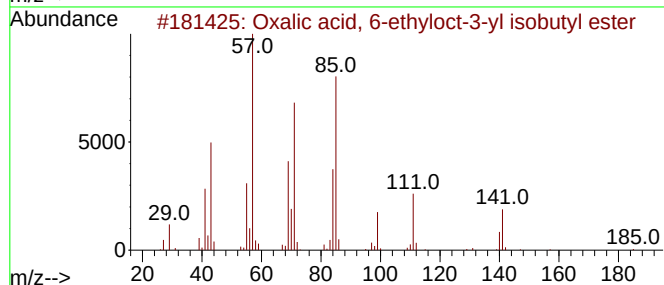
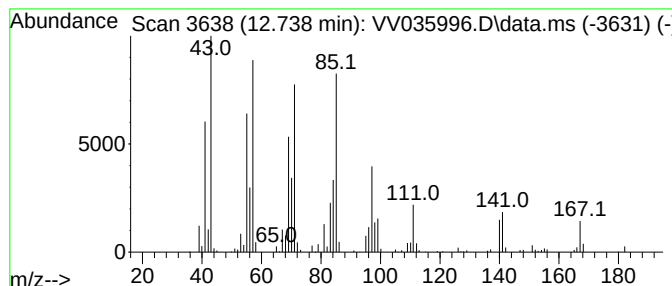
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Quant Title : VOC Analysis

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

Peak Number 17 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.738	4.97 ug/L	232377	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	72
2			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	68
3			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	64
4			Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	64
5			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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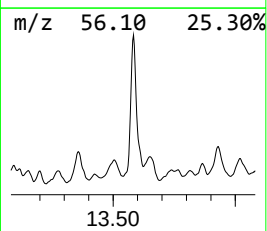
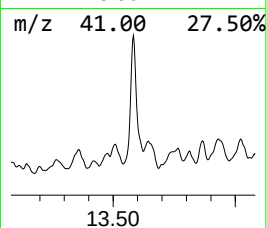
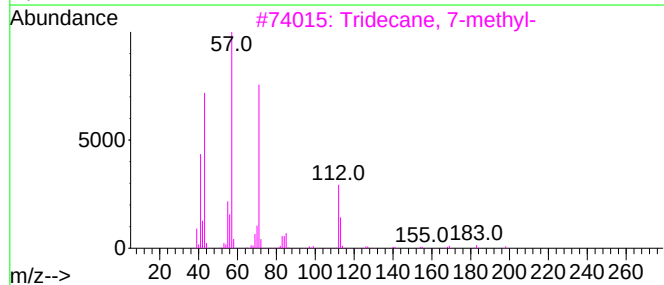
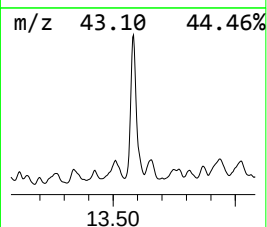
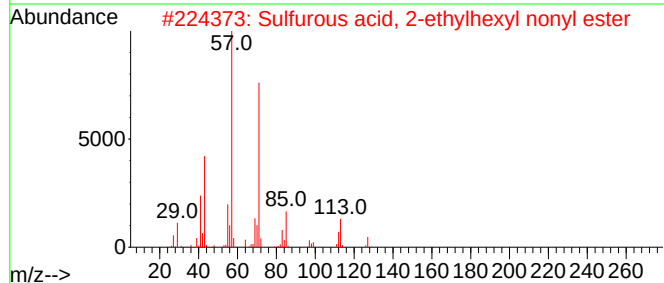
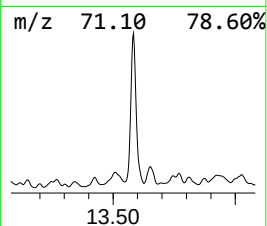
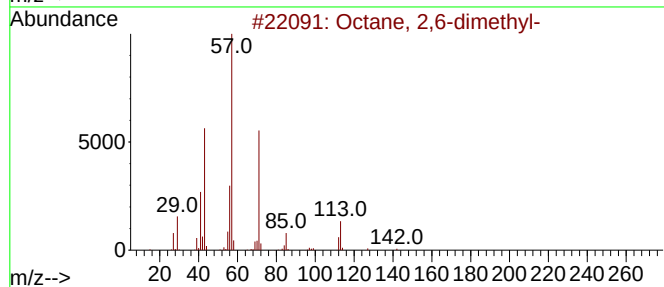
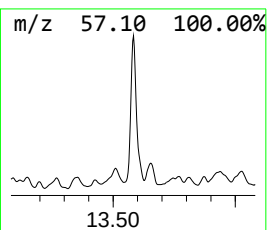
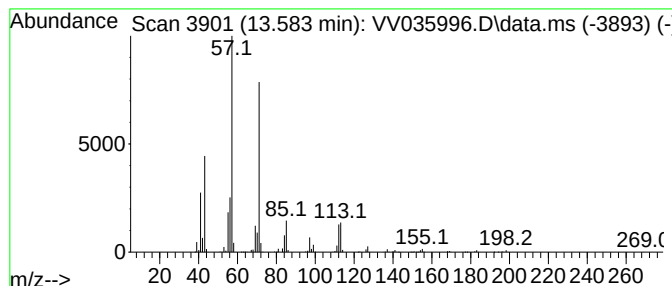
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.583	28.12 ug/L	1314180	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	83
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	74
4			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

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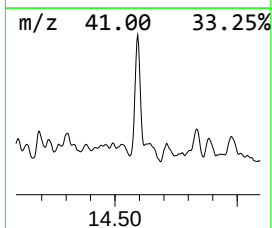
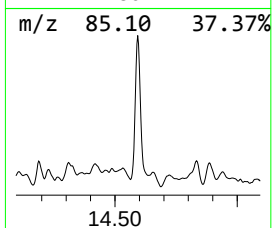
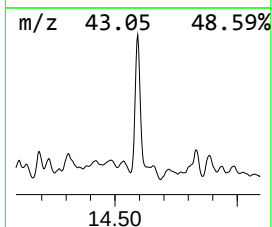
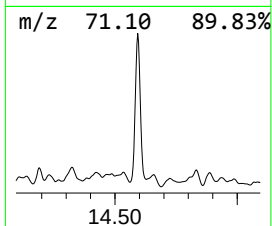
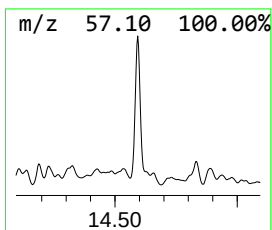
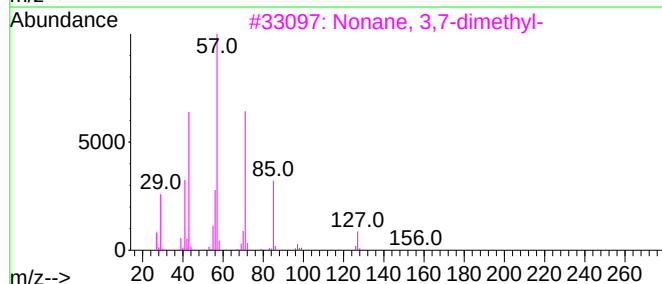
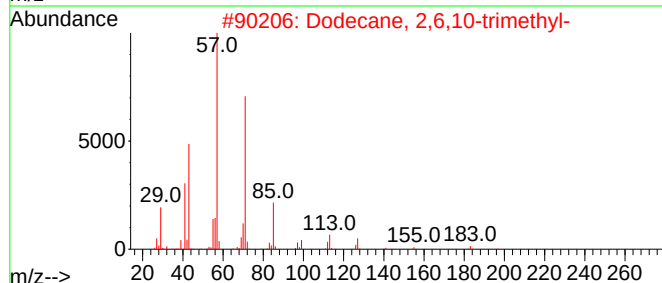
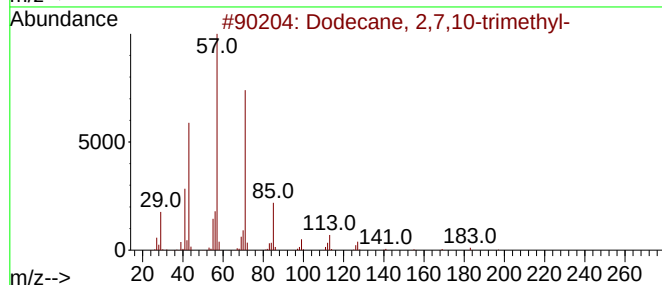
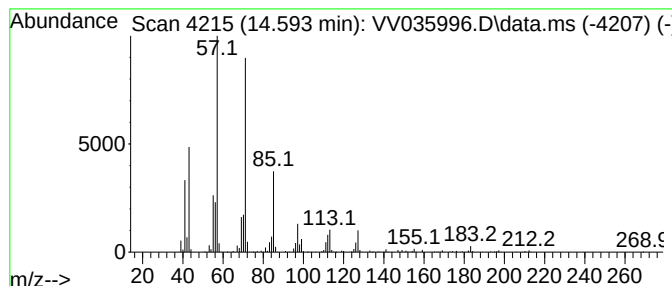
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	23.85 ug/L	1114390	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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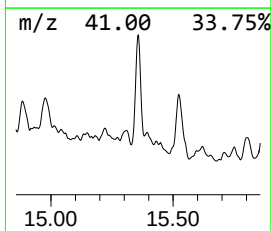
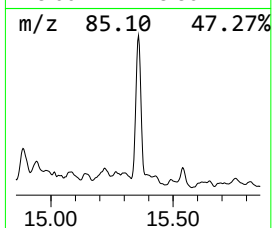
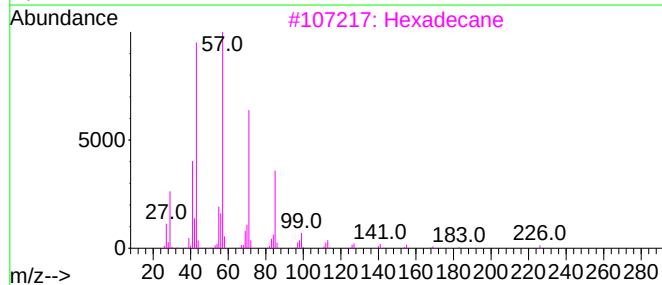
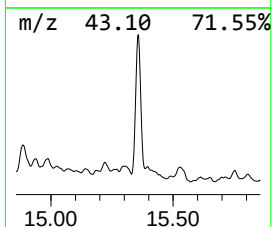
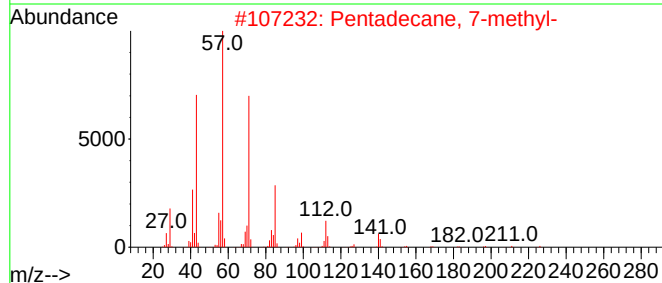
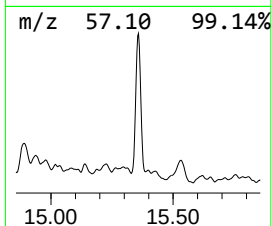
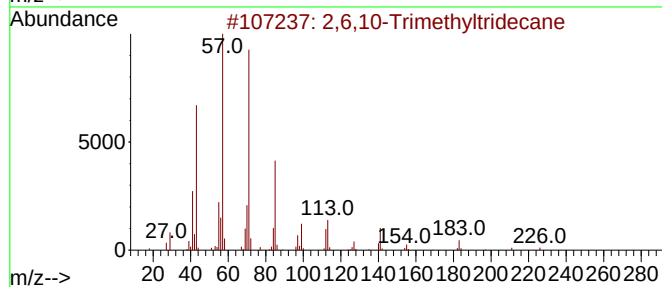
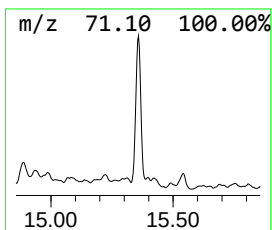
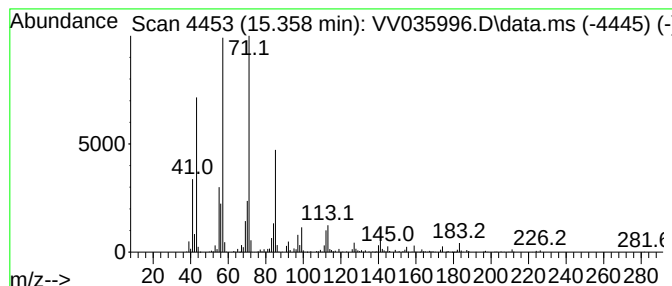
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	14.85 ug/L	693915	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	93
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
3		Hexadecane	226	C16H34	000544-76-3	81
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BQ0

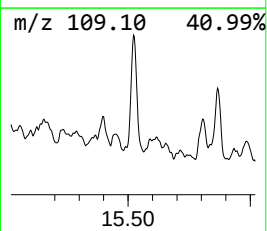
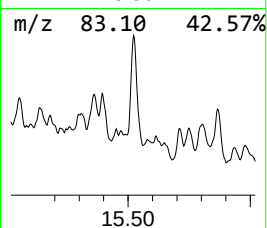
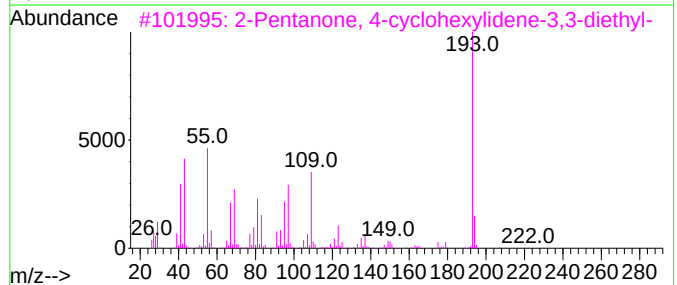
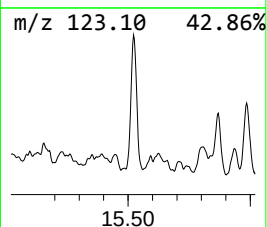
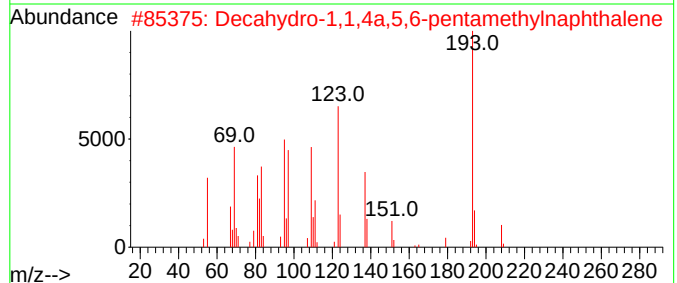
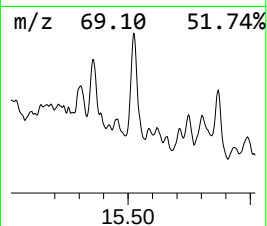
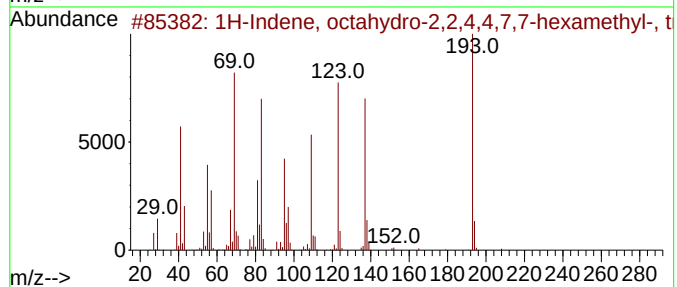
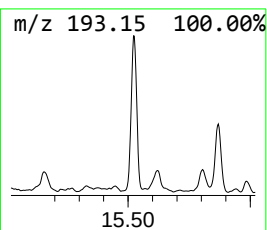
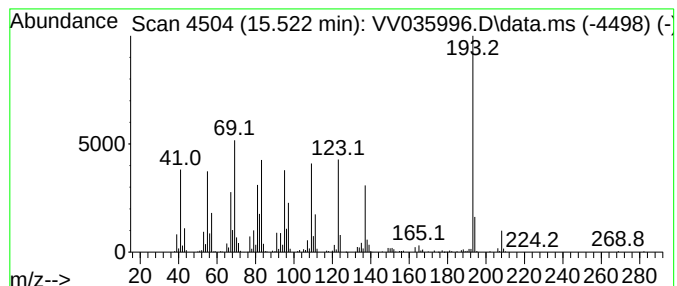
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.522	12.64 ug/L	590834	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-2,2,4,7,7...	208	C15H28	054832-83-6	47
2			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	46
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
4			Iminostilbene	193	C14H11N	000256-96-2	38
5			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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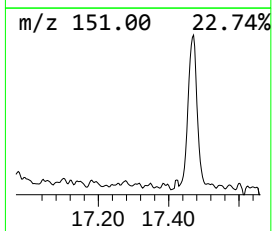
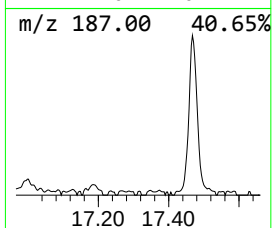
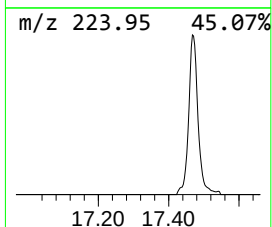
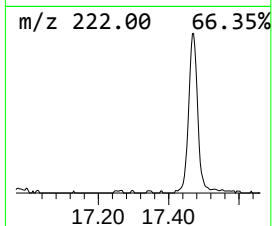
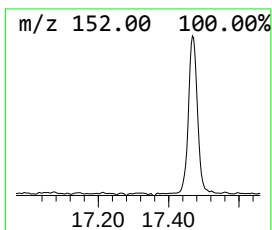
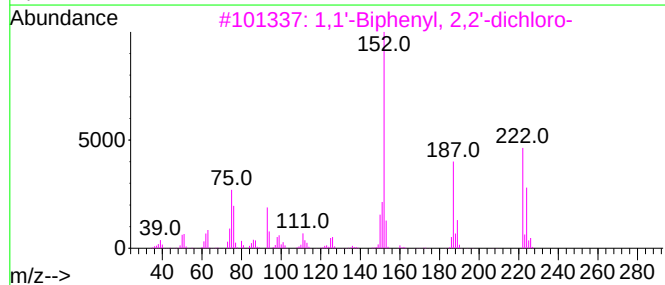
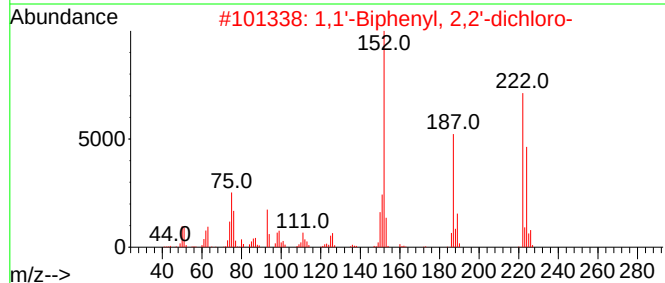
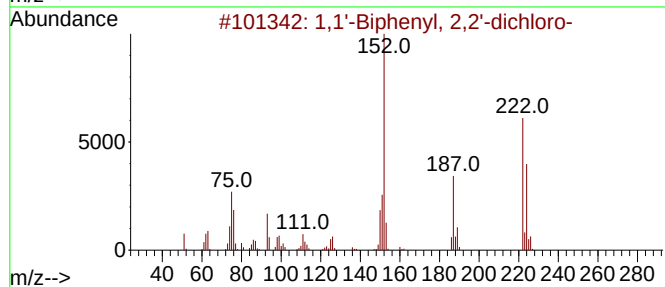
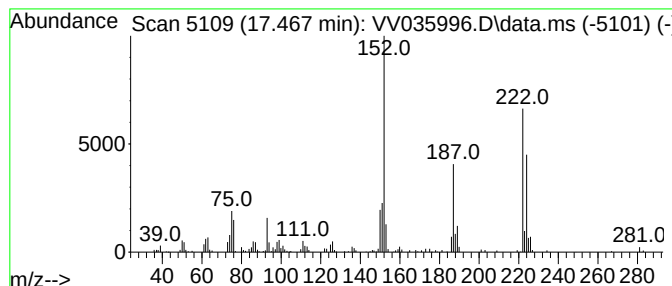
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Quant Title : VOC Analysis

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

Peak Number 22 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.467	2.81 ug/L	131299	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97		
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035996.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2754-11
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BQ0

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Oxalic acid, 1-...	10.509	1.4	ug/L	63901	3	11.185	1168170	25.0
L-Menthyl lactate	10.764	2.0	ug/L	93168	3	11.185	1168170	25.0
(DEL) Alkane: S...	10.850	5.1	ug/L	238908	3	11.185	1168170	25.0
Isobutyl tetrac...	10.969	2.6	ug/L	122378	3	11.185	1168170	25.0
Oxalic acid, is...	11.082	3.5	ug/L	164416	3	11.185	1168170	25.0
(DEL) Alkane: S...	11.329	3.1	ug/L	144584	3	11.185	1168170	25.0
unknown-01	11.484	2.3	ug/L	106989	3	11.185	1168170	25.0
(DEL) Alkane: S...	11.719	3.5	ug/L	161716	3	11.185	1168170	25.0
Carbonic acid, ...	11.924	3.1	ug/L	146964	3	11.185	1168170	25.0
Naphthalene, de...	12.194	5.6	ug/L	260224	3	11.185	1168170	25.0
unknown-02	12.310	6.9	ug/L	321946	3	11.185	1168170	25.0
1-Methyldecahyd...	12.407	6.5	ug/L	305703	3	11.185	1168170	25.0
(DEL) Alkane: S...	12.538	9.7	ug/L	453911	3	11.185	1168170	25.0
Oxalic acid, 6-...	12.738	5.0	ug/L	232377	3	11.185	1168170	25.0
(DEL) Alkane: S...	13.583	28.1	ug/L	1314180	3	11.185	1168170	25.0
(DEL) Alkane: S...	14.593	23.9	ug/L	1114390	3	11.185	1168170	25.0
(DEL) Alkane: S...	15.358	14.9	ug/L	693915	3	11.185	1168170	25.0
unknown-03	15.522	12.6	ug/L	590834	3	11.185	1168170	25.0
1,1'-Biphenyl, ...	17.467	2.8	ug/L	131299	3	11.185	1168170	25.0