

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036399.D
 Acq On : 02 Jul 2024 01:24
 Operator : SY/MD
 Sample : P3087-18
 Misc : 5.45g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BR3

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\SFAMVLM062724SMA.M

Title : VOC Analysis

Signal : TIC: VV036399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	65	72	84	rVB	165980	175548	16.33%	2.169%
2	1.526	144	151	166	rVB	148757	185938	17.30%	2.297%
3	2.050	304	314	332	rVB	270498	406953	37.86%	5.028%
4	2.397	419	422	424	rVB3	739	421	0.04%	0.005%
5	2.442	424	436	453	rBV	34840	65666	6.11%	0.811%
6	2.551	467	470	475	rVB3	549	512	0.05%	0.006%
7	2.577	475	478	479	rBV3	485	263	0.02%	0.003%
8	2.606	484	487	488	rBV2	653	271	0.03%	0.003%
9	2.632	493	495	501	rVB2	400	356	0.03%	0.004%
10	2.664	501	505	507	rBV2	415	268	0.02%	0.003%
11	2.732	522	526	530	rVB4	453	376	0.03%	0.005%
12	2.796	544	546	550	rVB2	427	197	0.02%	0.002%
13	2.825	551	555	558	rBV4	368	317	0.03%	0.004%
14	2.924	583	586	589	rBV	324	247	0.02%	0.003%
15	2.966	589	599	611	rVV5	2909	6079	0.57%	0.075%
16	3.047	622	624	629	rVB3	492	326	0.03%	0.004%
17	3.114	641	645	650	rVB3	371	305	0.03%	0.004%
18	3.198	666	671	673	rBV	291	272	0.03%	0.003%
19	3.365	719	723	725	rBV2	384	283	0.03%	0.003%
20	3.458	748	752	754	rBV2	311	256	0.02%	0.003%
21	3.516	766	770	772	rBV	353	232	0.02%	0.003%
22	3.815	856	863	865	rBV	511	532	0.05%	0.007%
23	3.854	865	875	892	rBV2	12194	46820	4.36%	0.578%
24	4.243	981	996	1031	rBV	185154	487215	45.33%	6.020%
25	4.452	1059	1061	1063	rVB	519	190	0.02%	0.002%
26	4.468	1063	1066	1068	rBV3	492	278	0.03%	0.003%
27	4.539	1085	1088	1092	rVB3	498	327	0.03%	0.004%
28	4.645	1119	1121	1125	rVV2	343	209	0.02%	0.003%
29	4.670	1127	1129	1134	rVB2	482	364	0.03%	0.004%
30	4.699	1134	1138	1140	rBV3	499	296	0.03%	0.004%
31	4.744	1146	1152	1157	rBV3	404	427	0.04%	0.005%
32	4.950	1201	1216	1248	rBV2	405228	1074847	100.00%	13.280%
33	5.185	1285	1289	1292	rBV3	425	375	0.03%	0.005%
34	5.291	1319	1322	1325	rBV	349	250	0.02%	0.003%
35	5.310	1325	1328	1330	rVV2	352	190	0.02%	0.002%
36	5.329	1330	1334	1336	rVV4	310	293	0.03%	0.004%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Title : VOC Analysis

37	5.358	1340	1343	1347	rBV3	570	448	0.04%	0.006%
38	5.397	1351	1355	1357	rBV3	468	313	0.03%	0.004%
39	5.419	1358	1362	1363	rBV	343	208	0.02%	0.003%
40	5.436	1365	1367	1370	rVB2	671	336	0.03%	0.004%
41	5.529	1385	1396	1427	rBV	362394	781765	72.73%	9.659%
42	5.831	1479	1490	1511	rBV7	9698	22672	2.11%	0.280%
43	5.985	1524	1538	1561	rBV	240082	512408	47.67%	6.331%
44	6.210	1605	1608	1610	rBV2	498	222	0.02%	0.003%
45	6.281	1627	1630	1632	rVB2	499	250	0.02%	0.003%
46	6.320	1637	1642	1646	rVB2	529	427	0.04%	0.005%
47	6.374	1653	1659	1662	rVB3	560	449	0.04%	0.006%
48	6.410	1667	1670	1674	rVB3	485	311	0.03%	0.004%
49	6.439	1677	1679	1682	rBV	462	265	0.02%	0.003%
50	6.458	1682	1685	1687	rBV2	394	257	0.02%	0.003%
51	6.522	1699	1705	1709	rBV4	623	682	0.06%	0.008%
52	6.558	1713	1716	1719	rBV3	404	241	0.02%	0.003%
53	6.722	1763	1767	1771	rBV	365	331	0.03%	0.004%
54	6.870	1808	1813	1815	rVB3	351	247	0.02%	0.003%
55	6.915	1816	1827	1849	rBV	70876	145373	13.52%	1.796%
56	7.124	1889	1892	1894	rBV2	483	297	0.03%	0.004%
57	7.243	1916	1929	1957	rBV	307152	569941	53.03%	7.042%
58	7.503	2008	2010	2011	rBV	470	192	0.02%	0.002%
59	7.558	2018	2027	2047	rBV	41565	84632	7.87%	1.046%
60	7.725	2076	2079	2083	rVB3	583	374	0.03%	0.005%
61	7.780	2094	2096	2100	rVB2	338	211	0.02%	0.003%
62	7.873	2115	2125	2137	rBV4	5442	10392	0.97%	0.128%
63	7.944	2145	2147	2149	rBV	333	181	0.02%	0.002%
64	8.001	2161	2165	2166	rVB2	426	264	0.02%	0.003%
65	8.037	2166	2176	2211	rBV	53295	144465	13.44%	1.785%
66	8.371	2277	2280	2284	rVB5	527	491	0.05%	0.006%
67	8.435	2298	2300	2305	rVB6	667	415	0.04%	0.005%
68	8.458	2305	2307	2312	rVB3	348	218	0.02%	0.003%
69	8.480	2312	2314	2316	rBV	387	244	0.02%	0.003%
70	8.522	2324	2327	2330	rBV2	503	402	0.04%	0.005%
71	8.564	2337	2340	2342	rBV2	319	198	0.02%	0.002%
72	8.599	2348	2351	2353	rBV3	435	223	0.02%	0.003%
73	8.612	2353	2355	2359	rBV4	354	246	0.02%	0.003%
74	8.677	2370	2375	2377	rBV2	523	407	0.04%	0.005%
75	8.783	2397	2408	2437	rBV	351814	606268	56.41%	7.491%
76	9.005	2474	2477	2478	rBV2	990	455	0.04%	0.006%

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77	9.130	2514	2516	2520	rVB5	699	474	0.04%	0.006%
78	9.156	2520	2524	2525	rBV3	680	512	0.05%	0.006%
79	9.194	2533	2536	2541	rVB2	713	513	0.05%	0.006%
80	9.223	2541	2545	2547	rBV2	442	321	0.03%	0.004%
81	9.249	2547	2553	2560	rVV6	1063	1407	0.13%	0.017%
82	9.345	2579	2583	2585	rBV2	870	727	0.07%	0.009%
83	9.378	2585	2593	2601	rVV4	5750	9153	0.85%	0.113%
84	9.445	2610	2614	2617	rVB3	333	223	0.02%	0.003%
85	9.477	2621	2624	2626	rBV2	442	308	0.03%	0.004%
86	9.516	2628	2636	2642	rBV9	2217	3188	0.30%	0.039%
87	9.612	2658	2666	2667	rBV6	1684	1941	0.18%	0.024%
88	9.644	2669	2676	2685	rVV4	9614	15695	1.46%	0.194%
89	9.908	2752	2758	2763	rBV6	2448	3270	0.30%	0.040%
90	9.953	2765	2772	2784	rVV6	4712	9223	0.86%	0.114%
91	10.062	2797	2806	2816	rBV3	17560	26306	2.45%	0.325%
92	10.152	2824	2834	2851	rBV	153527	298184	27.74%	3.684%
93	10.323	2878	2887	2895	rBV2	40053	64111	5.96%	0.792%
94	10.455	2916	2928	2933	rBV9	10143	24786	2.31%	0.306%
95	10.763	3017	3024	3032	rVB5	35743	58139	5.41%	0.718%
96	10.818	3033	3041	3058	rBV8	62544	178813	16.64%	2.209%
97	11.185	3147	3155	3172	rVB	185859	331444	30.84%	4.095%
98	11.558	3264	3271	3286	rBV3	150983	295397	27.48%	3.650%
99	13.580	3894	3900	3913	rVB	574681	834439	77.63%	10.310%
100	14.593	4208	4215	4223	rBV	434408	589662	54.86%	7.285%

Sum of corrected areas: 8093656

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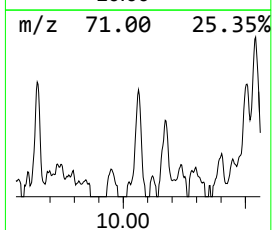
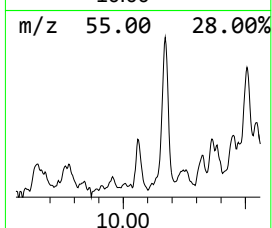
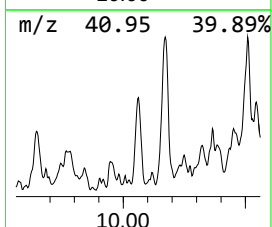
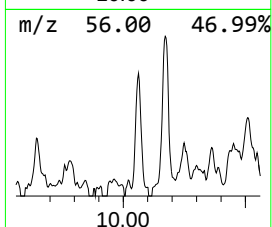
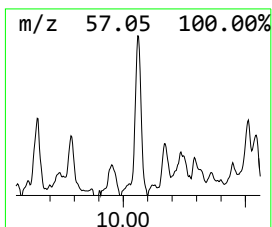
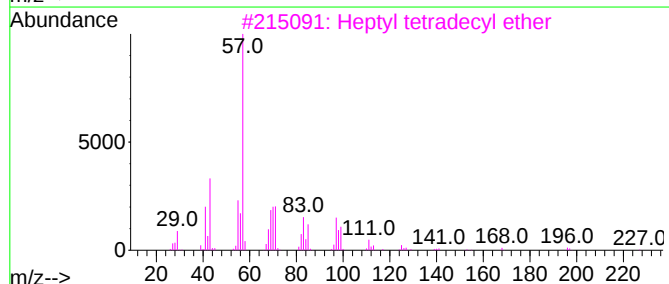
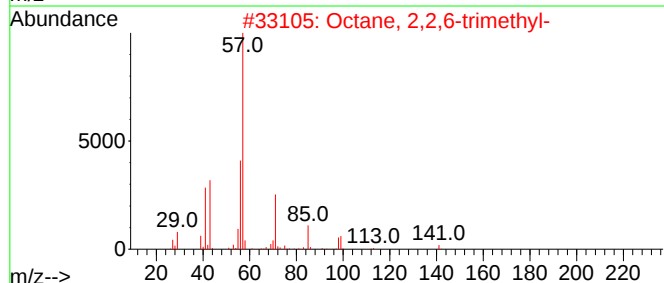
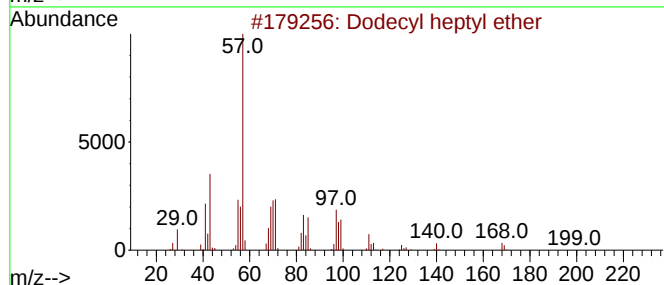
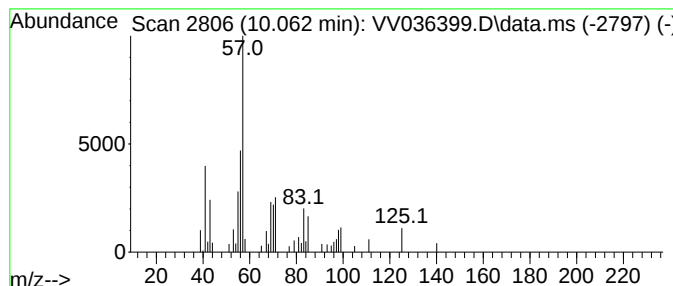
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Dodecyl heptyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.062	1.98 ug/L	26306	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl heptyl ether	284	C19H40O	1010406-39-2	53
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
3			Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	45
4			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	43
5			Heptyl octadecyl ether	368	C25H52O	1000406-39-5	40



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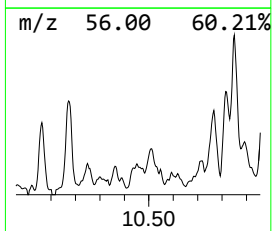
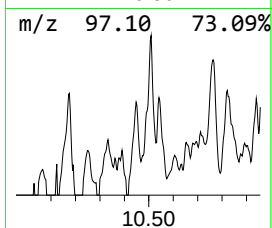
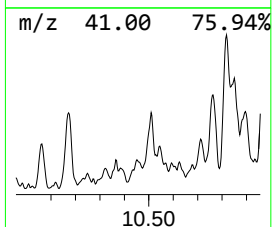
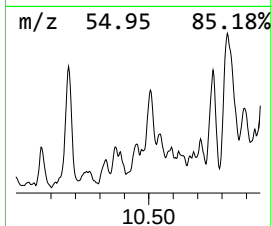
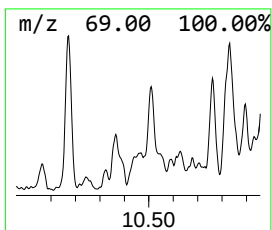
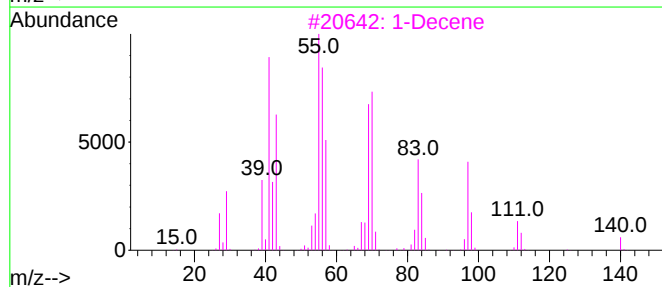
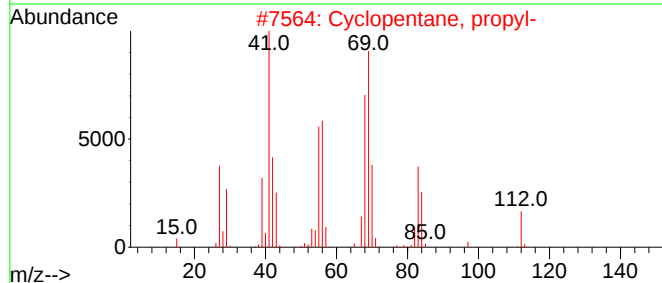
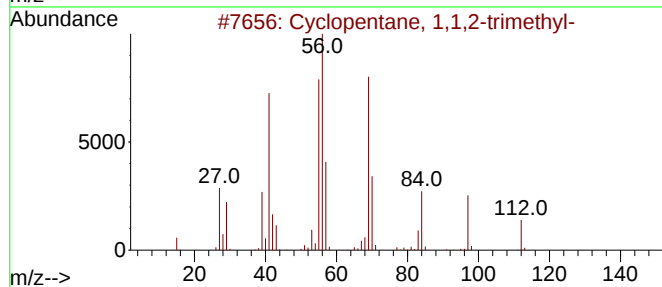
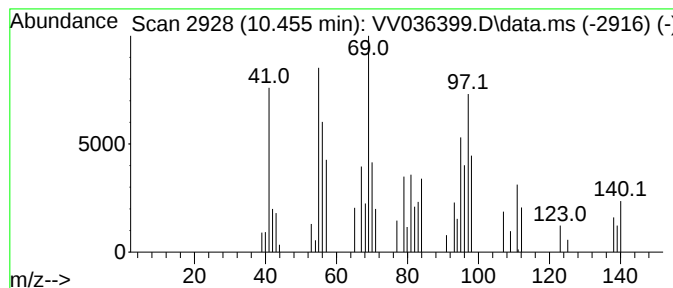
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic10.455 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.455	1.87 ug/L	24786	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	45
2			Cyclopentane, propyl-	112	C8H16	002040-96-2	38
3			1-Decene	140	C10H20	000872-05-9	30
4			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	27
5			4-Methyl-2-heptene	112	C8H16	003404-56-6	27



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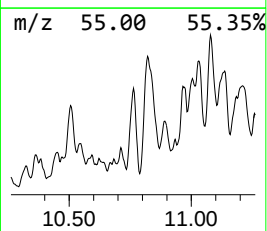
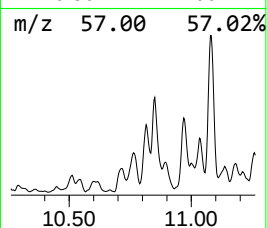
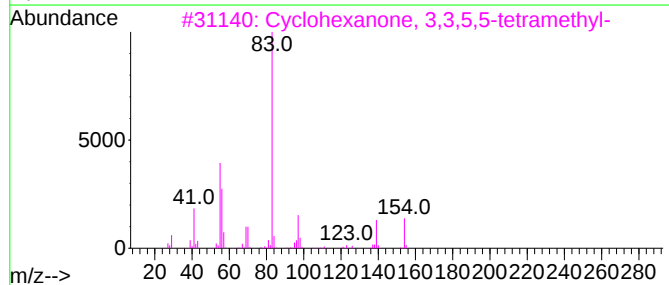
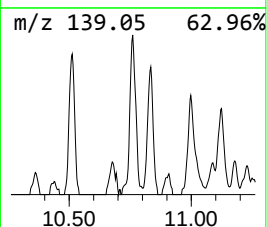
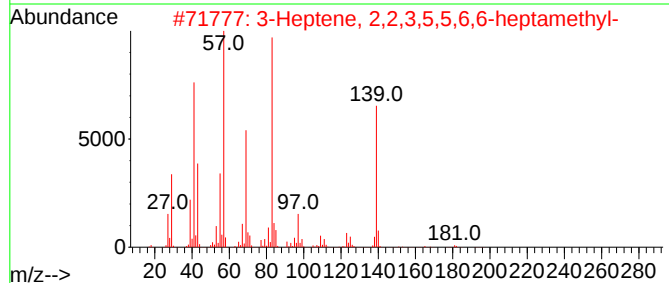
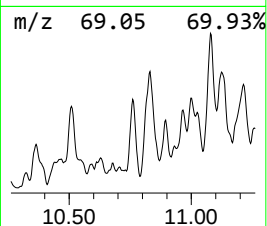
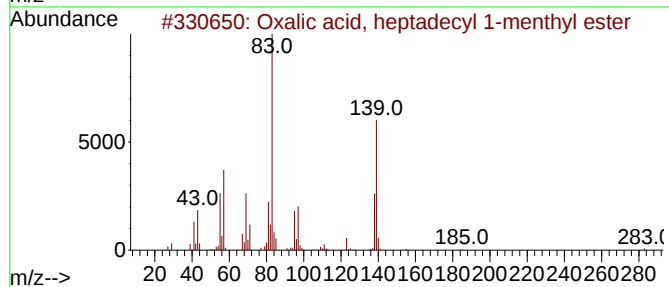
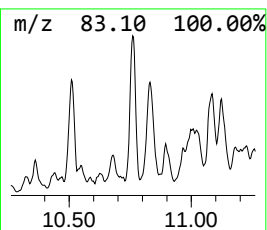
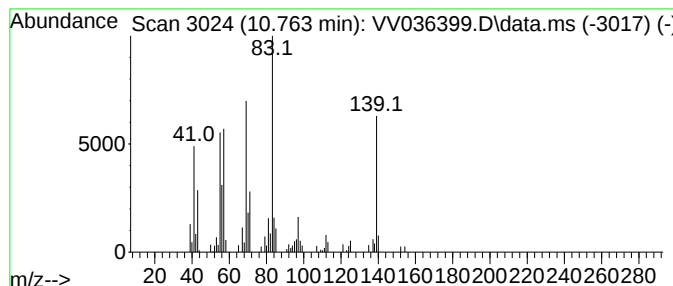
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Oxalic acid, heptadecyl 1-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	4.39 ug/L	58139	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, heptadecyl 1-menthy...	466	C29H54O4	1000314-98-4	59
2			3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	59
3			Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	53
4			2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	38
5			3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	35



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A4BR3

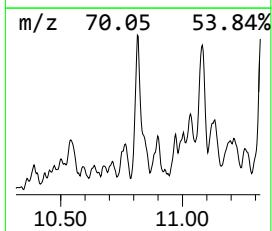
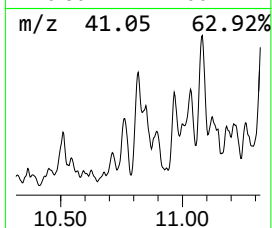
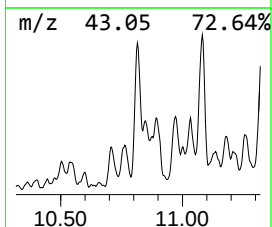
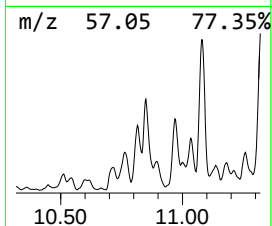
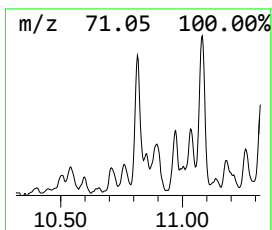
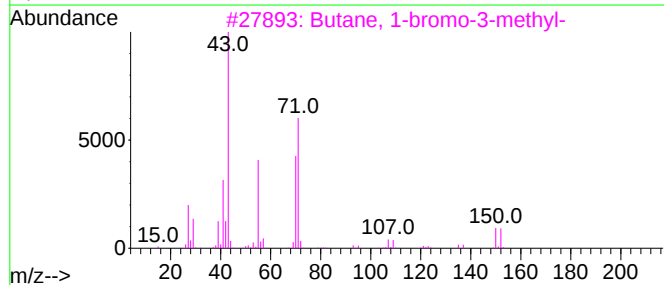
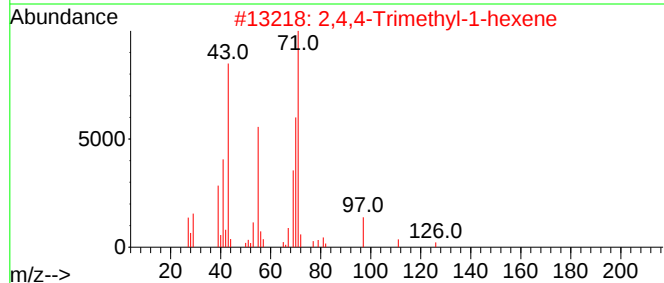
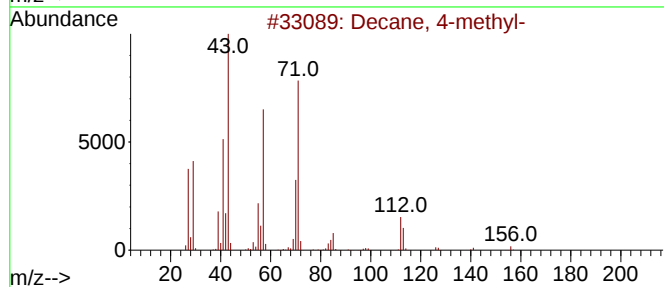
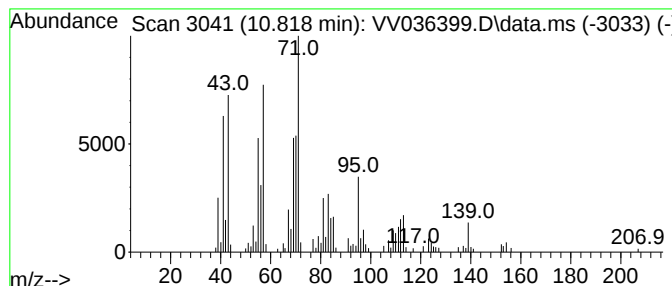
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.818	13.49 ug/L	178813	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	49
2			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	49
3			Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	47
4			6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	43
5			Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036399.D
Acq On : 02 Jul 2024 01:24
Operator : SY/MD
Sample : P3087-18
Misc : 5.45g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR3

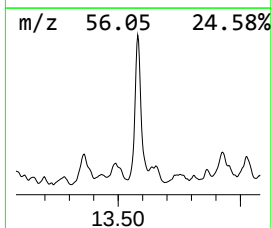
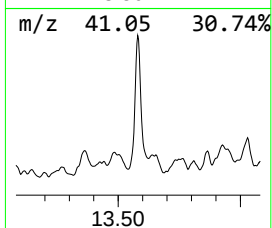
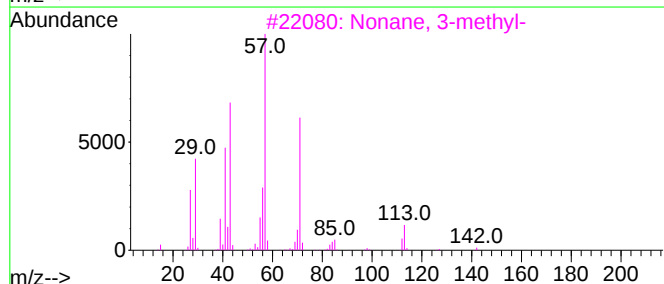
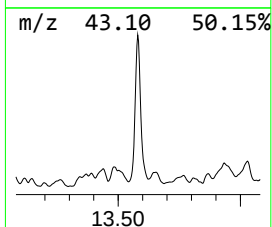
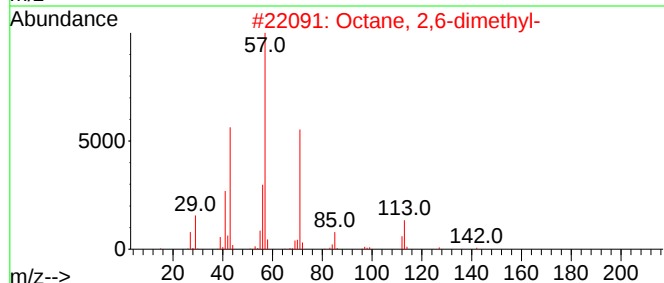
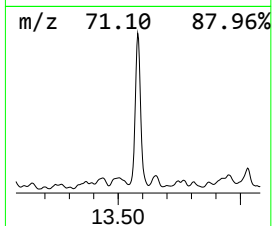
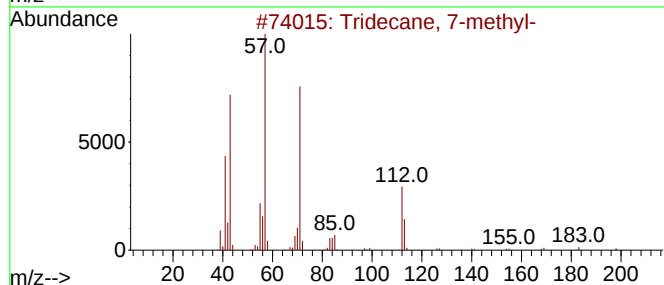
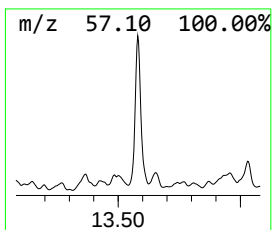
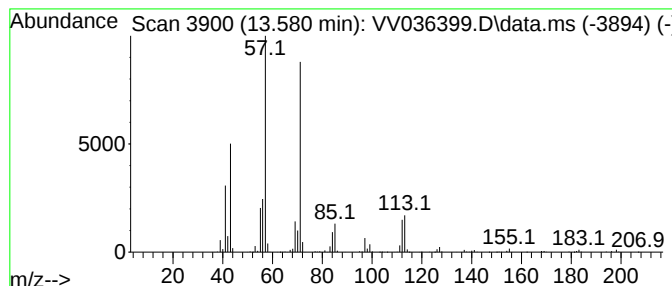
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	62.94 ug/L	834439	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	83
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036399.D
Acq On : 02 Jul 2024 01:24
Operator : SY/MD
Sample : P3087-18
Misc : 5.45g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR3

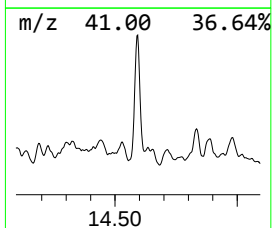
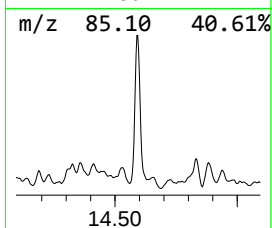
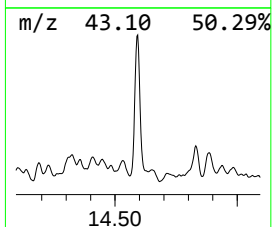
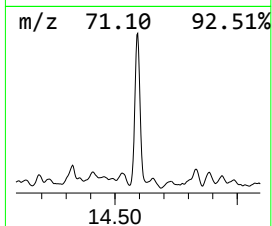
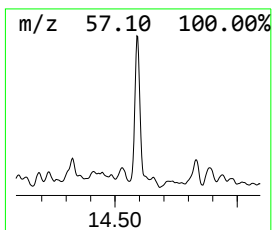
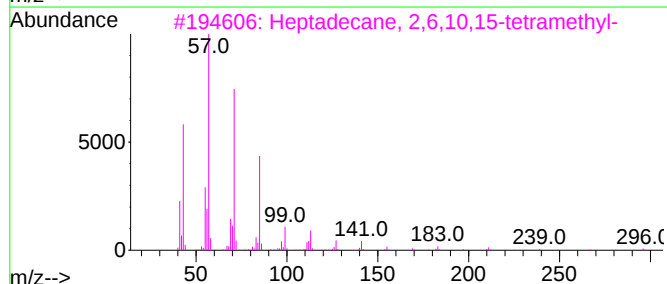
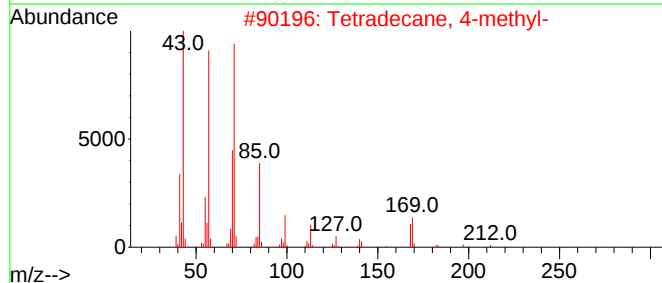
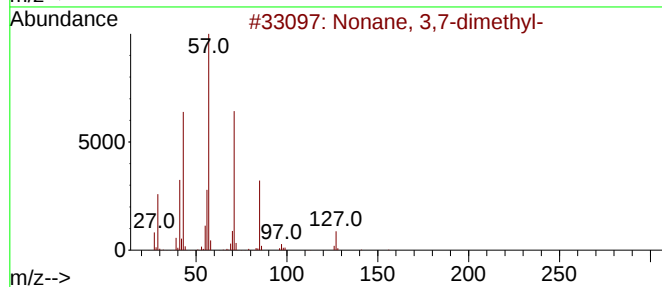
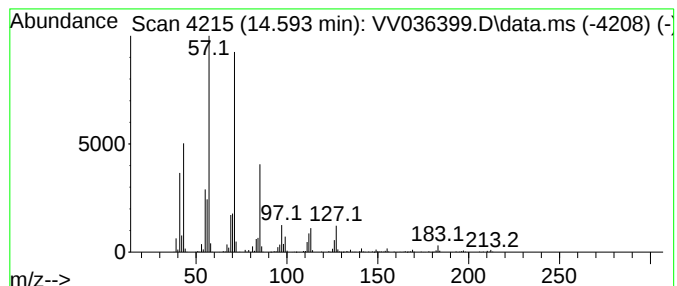
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	44.48 ug/L	589662	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
5			Octane, 2-methyl-	128	C9H20	003221-61-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036399.D
Acq On : 02 Jul 2024 01:24
Operator : SY/MD
Sample : P3087-18
Misc : 5.45g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.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
Dodecyl heptyl ...	10.062	2.0	ug/L	26306	3	11.185	331444	25.0
(DEL) Alkane: C...	10.455	1.9	ug/L	24786	3	11.185	331444	25.0
Oxalic acid, he...	10.763	4.4	ug/L	58139	3	11.185	331444	25.0
(DEL) Alkane: S...	10.818	13.5	ug/L	178813	3	11.185	331444	25.0
(DEL) Alkane: S...	13.580	62.9	ug/L	834439	3	11.185	331444	25.0
(DEL) Alkane: S...	14.593	44.5	ug/L	589662	3	11.185	331444	25.0