

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036398.D
 Acq On : 02 Jul 2024 01:01
 Operator : SY/MD
 Sample : P3087-17
 Misc : 5.48g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BR2

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: VV036398.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	162226	171375	14.94%	2.429%
2	1.526	144	151	163	rVB	158638	189956	16.56%	2.692%
3	2.050	305	314	331	rVB	280914	415149	36.19%	5.883%
4	2.230	366	370	386	rVB	16945	26579	2.32%	0.377%
5	2.442	419	436	449	rBV2	31155	58631	5.11%	0.831%
6	2.545	466	468	477	rVB5	810	732	0.06%	0.010%
7	2.597	482	484	486	rVB2	434	201	0.02%	0.003%
8	2.613	486	489	492	rBV3	238	209	0.02%	0.003%
9	2.651	495	501	506	rVB2	410	400	0.03%	0.006%
10	2.741	523	529	534	rBV4	456	591	0.05%	0.008%
11	2.867	565	568	569	rBV	323	178	0.02%	0.003%
12	2.963	585	598	613	rVV3	5872	13883	1.21%	0.197%
13	3.021	613	616	620	rVB3	689	495	0.04%	0.007%
14	3.105	637	642	644	rBV2	446	300	0.03%	0.004%
15	3.195	666	670	673	rBV3	421	326	0.03%	0.005%
16	3.217	673	677	679	rBV2	221	189	0.02%	0.003%
17	3.317	707	708	714	rVB2	366	202	0.02%	0.003%
18	3.506	762	767	768	rBV3	371	260	0.02%	0.004%
19	3.548	777	780	787	rVB2	205	194	0.02%	0.003%
20	3.857	862	876	886	rBV2	11698	36401	3.17%	0.516%
21	4.137	961	963	967	rBV2	381	281	0.02%	0.004%
22	4.243	979	996	1034	rBV	200746	535123	46.65%	7.584%
23	4.519	1077	1082	1086	rBV5	423	337	0.03%	0.005%
24	4.593	1102	1105	1108	rBV2	230	191	0.02%	0.003%
25	4.625	1111	1115	1118	rBV3	393	306	0.03%	0.004%
26	4.683	1130	1133	1139	rVB2	274	195	0.02%	0.003%
27	4.776	1157	1162	1165	rBV2	342	300	0.03%	0.004%
28	4.802	1168	1170	1175	rVB2	305	267	0.02%	0.004%
29	4.834	1178	1180	1184	rBV3	262	180	0.02%	0.003%
30	4.892	1192	1198	1199	rBV	221	180	0.02%	0.003%
31	4.950	1201	1216	1257	rBV2	441818	1147104	100.00%	16.257%
32	5.256	1309	1311	1313	rVB2	432	161	0.01%	0.002%
33	5.288	1318	1321	1323	rVV2	478	364	0.03%	0.005%
34	5.310	1326	1328	1331	rVB	511	264	0.02%	0.004%
35	5.445	1368	1370	1372	rBV2	440	163	0.01%	0.002%
36	5.458	1372	1374	1378	rVB3	417	251	0.02%	0.004%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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

37	5.477	1378	1380	1384	rVB2	393	232	0.02%	0.003%
38	5.529	1384	1396	1427	rBV	396984	845416	73.70%	11.981%
39	5.748	1461	1464	1465	rBV2	594	255	0.02%	0.004%
40	5.786	1474	1476	1478	rBV2	487	277	0.02%	0.004%
41	5.831	1480	1490	1509	rVV2	9102	21392	1.86%	0.303%
42	5.985	1525	1538	1566	rBV	256732	551216	48.05%	7.812%
43	6.284	1628	1631	1632	rBV	535	254	0.02%	0.004%
44	6.326	1642	1644	1649	rVB2	538	311	0.03%	0.004%
45	6.355	1649	1653	1657	rVB2	384	295	0.03%	0.004%
46	6.391	1658	1664	1666	rBV2	225	231	0.02%	0.003%
47	6.474	1686	1690	1695	rVB4	371	360	0.03%	0.005%
48	6.638	1736	1741	1745	rBV2	205	191	0.02%	0.003%
49	6.664	1745	1749	1754	rVB5	556	527	0.05%	0.007%
50	6.702	1756	1761	1764	rBV4	536	368	0.03%	0.005%
51	6.831	1796	1801	1803	rBV	206	165	0.01%	0.002%
52	6.857	1803	1809	1813	rBV	203	210	0.02%	0.003%
53	6.915	1816	1827	1856	rBV	57965	123596	10.77%	1.752%
54	7.082	1877	1879	1883	rVB2	585	336	0.03%	0.005%
55	7.111	1883	1888	1891	rVB4	479	290	0.03%	0.004%
56	7.140	1893	1897	1903	rVB3	774	812	0.07%	0.012%
57	7.188	1911	1912	1917	rBV	293	182	0.02%	0.003%
58	7.239	1917	1928	1952	rBV	373453	682272	59.48%	9.669%
59	7.497	2006	2008	2009	rBV	437	178	0.02%	0.003%
60	7.558	2018	2027	2048	rBV	32381	66880	5.83%	0.948%
61	7.876	2114	2126	2137	rVV3	4364	7855	0.68%	0.111%
62	8.034	2167	2175	2207	rBV	54967	139801	12.19%	1.981%
63	8.214	2230	2231	2233	rBV	425	186	0.02%	0.003%
64	8.291	2253	2255	2258	rVB3	672	317	0.03%	0.004%
65	8.307	2258	2260	2263	rBV3	457	252	0.02%	0.004%
66	8.378	2279	2282	2283	rVV	467	238	0.02%	0.003%
67	8.400	2284	2289	2292	rVV4	656	569	0.05%	0.008%
68	8.497	2315	2319	2320	rBV	535	380	0.03%	0.005%
69	8.535	2329	2331	2334	rBV2	279	161	0.01%	0.002%
70	8.651	2364	2367	2370	rBV3	243	160	0.01%	0.002%
71	8.677	2374	2375	2379	rVV2	485	274	0.02%	0.004%
72	8.783	2394	2408	2440	rBV	422712	719768	62.75%	10.200%
73	8.966	2462	2465	2467	rBV3	784	479	0.04%	0.007%
74	9.014	2475	2480	2484	rBV4	1370	1700	0.15%	0.024%
75	9.101	2505	2507	2509	rBV3	398	173	0.02%	0.002%
76	9.159	2523	2525	2527	rVB3	568	304	0.03%	0.004%

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Peak Location: TOP

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Peak separation: 5

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

77	9.259	2550	2556	2562	rBV7	1421	1810	0.16%	0.026%
78	9.307	2569	2571	2575	rVB2	459	266	0.02%	0.004%
79	9.326	2575	2577	2582	rVB2	315	227	0.02%	0.003%
80	9.378	2582	2593	2603	rBV4	8680	15269	1.33%	0.216%
81	9.513	2634	2635	2636	rVV4	570	164	0.01%	0.002%
82	9.525	2637	2639	2643	rVB4	647	415	0.04%	0.006%
83	9.574	2651	2654	2658	rVB2	376	316	0.03%	0.004%
84	9.603	2659	2663	2666	rBV3	895	709	0.06%	0.010%
85	9.641	2666	2675	2682	rBV10	3696	5643	0.49%	0.080%
86	9.699	2691	2693	2694	rBV2	413	181	0.02%	0.003%
87	9.718	2695	2699	2703	rVV5	2149	2289	0.20%	0.032%
88	9.763	2706	2713	2724	rVB6	9994	17089	1.49%	0.242%
89	9.834	2724	2735	2746	rVB6	3613	7986	0.70%	0.113%
90	9.882	2746	2750	2752	rBV2	335	204	0.02%	0.003%
91	9.898	2752	2755	2756	rBV2	610	345	0.03%	0.005%
92	9.915	2758	2760	2762	rBV2	770	393	0.03%	0.006%
93	10.059	2796	2805	2814	rBV2	12146	19815	1.73%	0.281%
94	10.152	2823	2834	2855	rBV2	155035	347229	30.27%	4.921%
95	10.323	2878	2887	2895	rBV3	28329	45031	3.93%	0.638%
96	10.683	2993	2999	3005	rBV7	7405	9314	0.81%	0.132%
97	10.760	3017	3023	3034	rVB5	20391	33403	2.91%	0.473%
98	10.831	3035	3045	3055	rBV6	22194	52853	4.61%	0.749%
99	11.185	3146	3155	3174	rVB	222803	374672	32.66%	5.310%
100	11.561	3263	3272	3287	rBV2	177331	349875	30.50%	4.958%

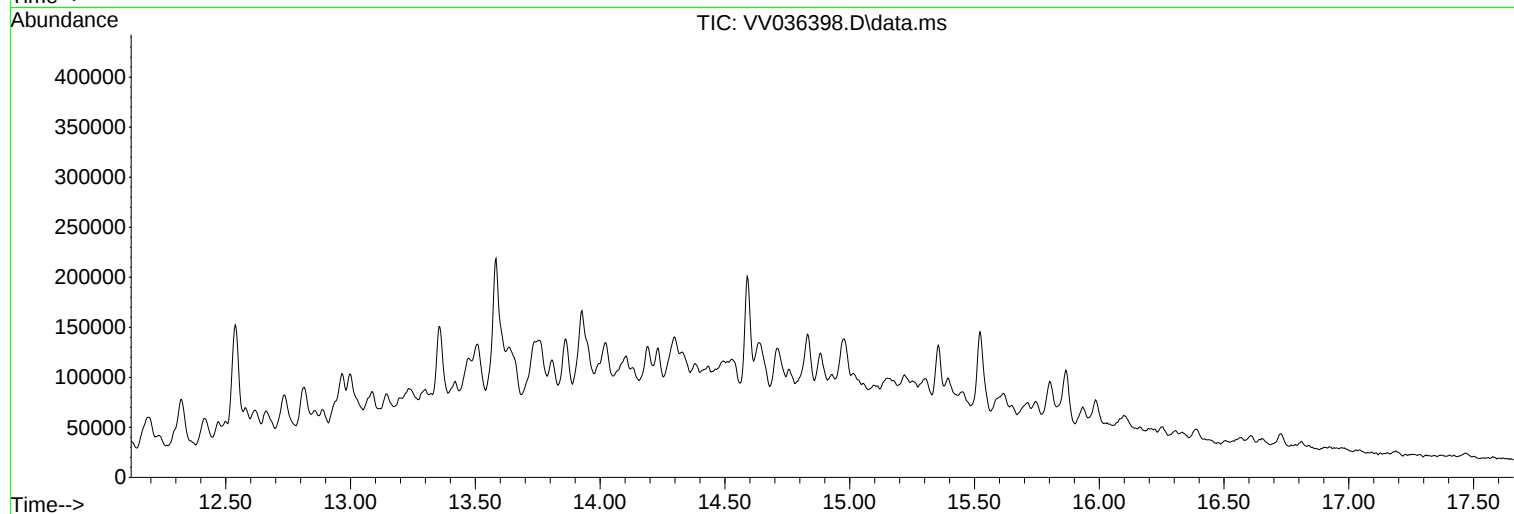
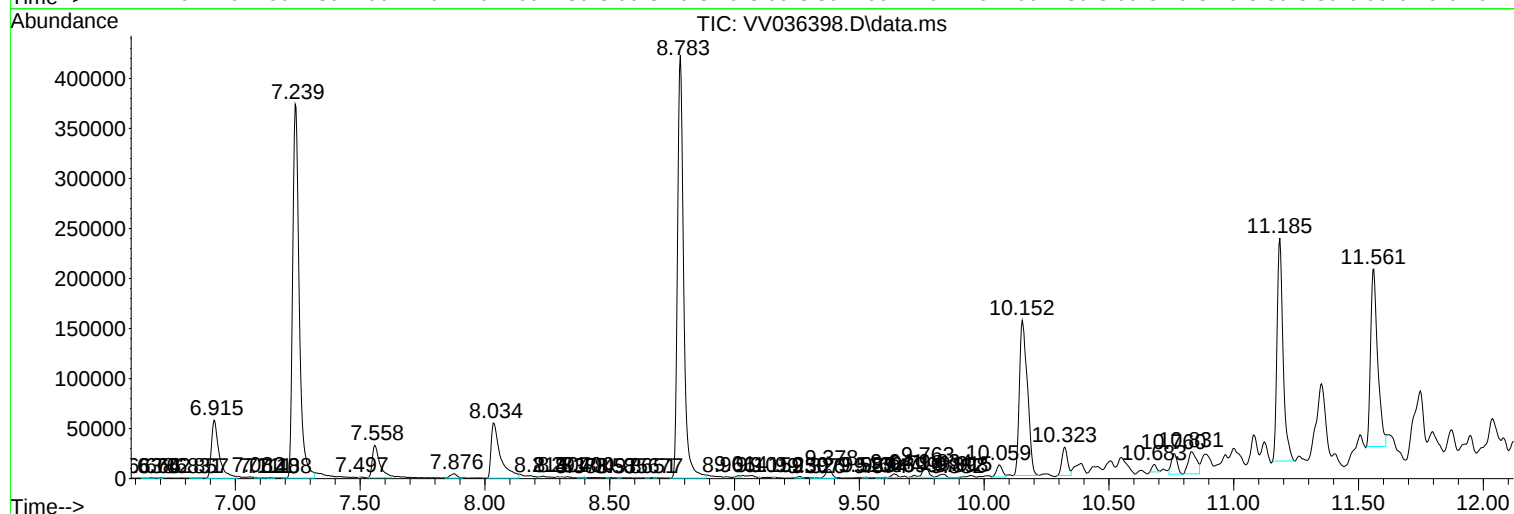
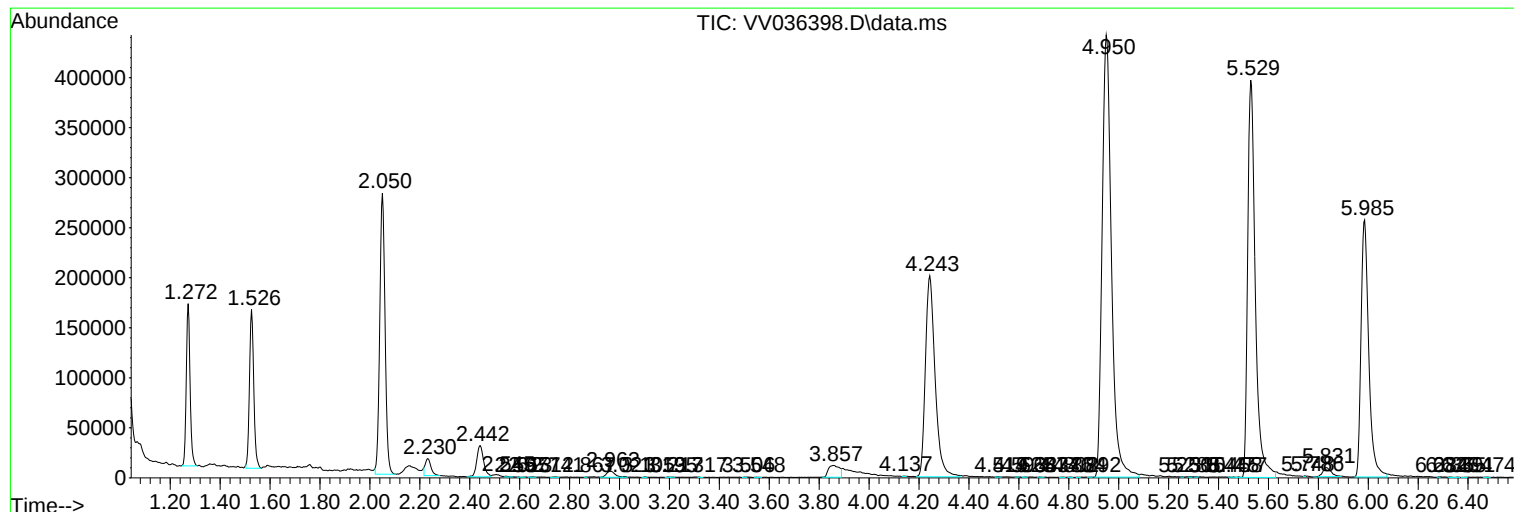
Sum of corrected areas: 7056279

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ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR2

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
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Instrument :
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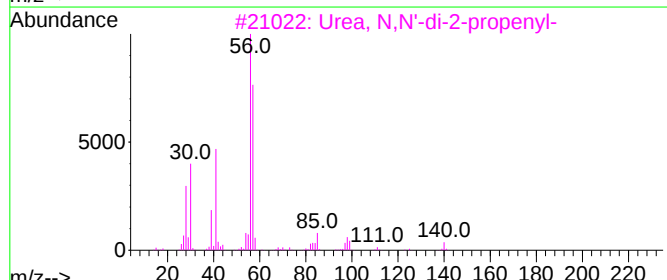
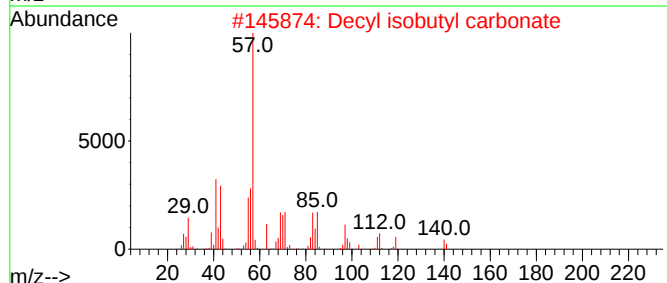
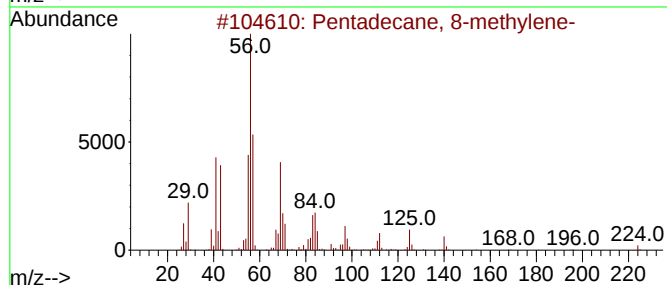
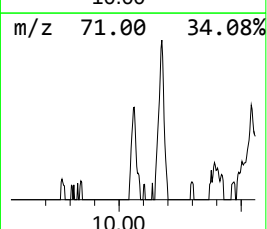
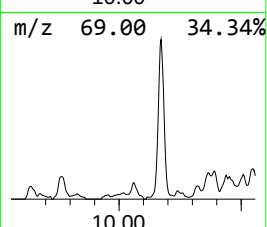
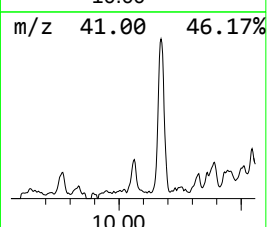
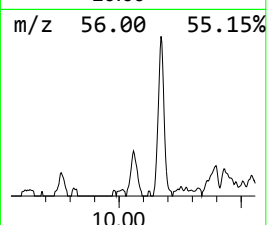
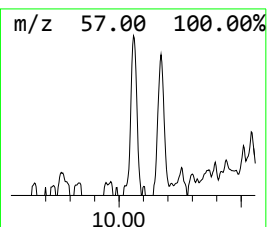
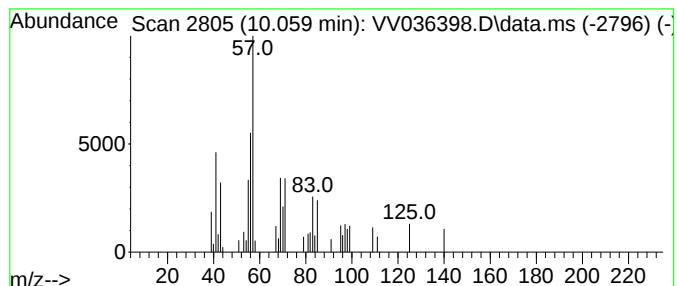
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.059	1.32 ug/L	19815	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-methylene-	224	C16H32	055668-09-2	47
2			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	43
3			Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	43
4			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	35
5			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35



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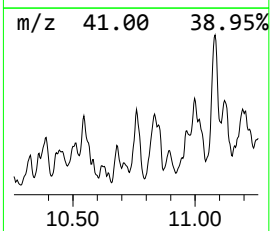
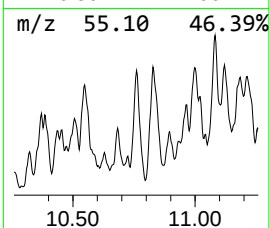
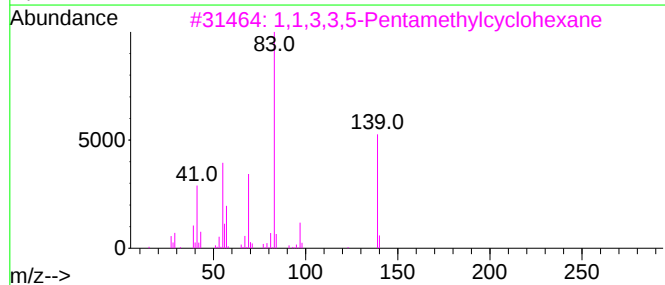
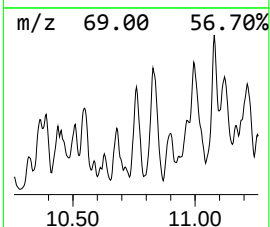
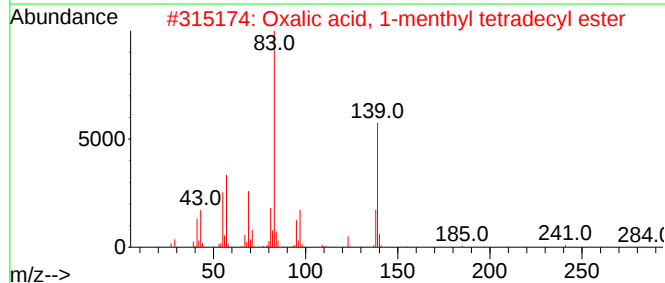
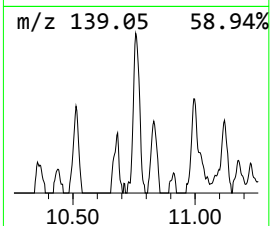
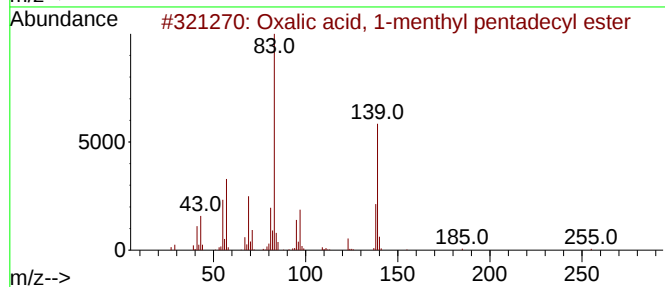
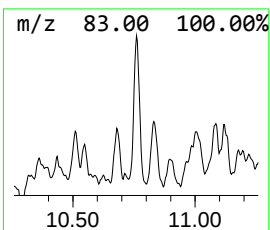
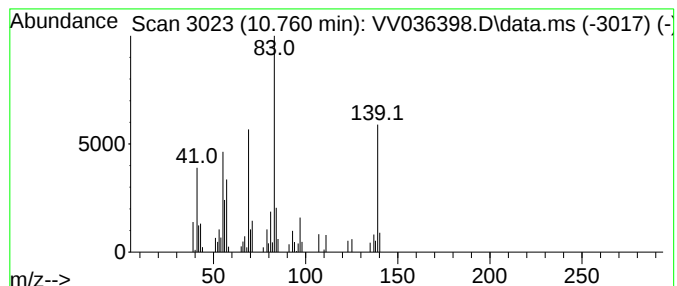
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Oxalic acid, 1-menthyl pent... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.760	2.23 ug/L	33403	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 1-menthyl pentadecyl...	438	C27H50O4	1000314-98-2	64
2			Oxalic acid, 1-menthyl tetradecyl...	424	C26H48O4	1000314-98-1	64
3			1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	59
4			Oxalic acid, hexadecyl 1-menthyl...	452	C28H52O4	1000314-98-3	59
5			Oxalic acid, 1-menthyl octadecyl...	480	C30H56O4	1000314-98-5	58



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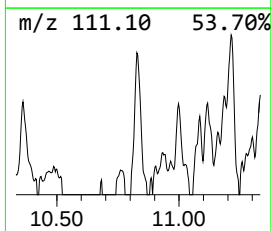
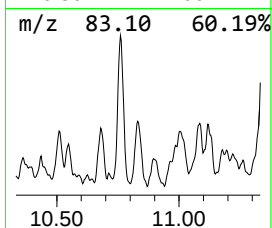
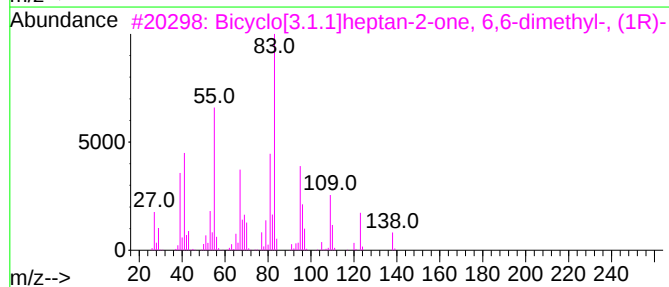
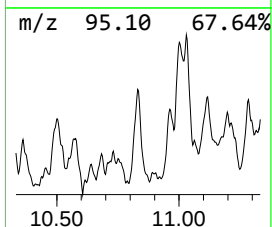
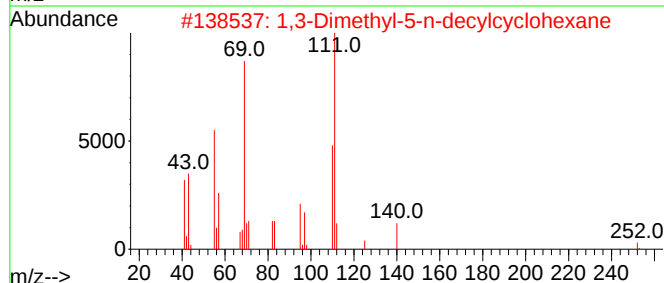
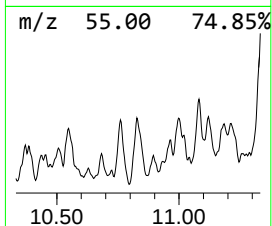
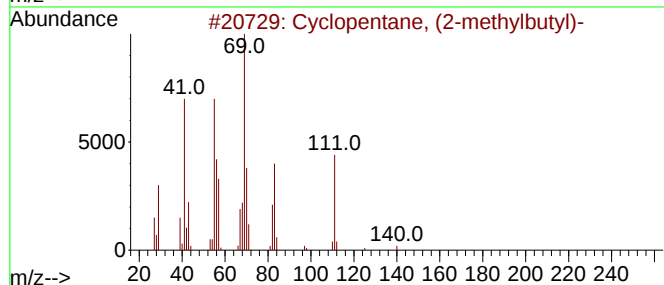
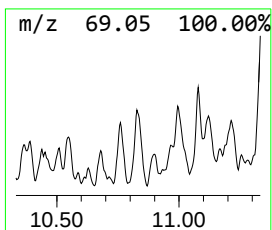
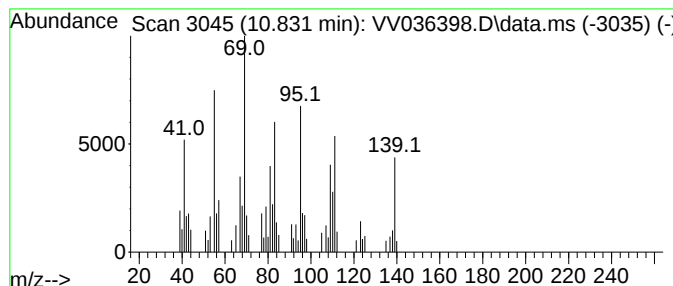
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic10.831 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.831	3.53 ug/L	52853	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
2			1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	38
3			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	35
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	30
5			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036398.D
Acq On : 02 Jul 2024 01:01
Operator : SY/MD
Sample : P3087-17
Misc : 5.48g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR2

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	10.059	1.3	ug/L	19815	3	11.185	374672	25.0
Oxalic acid, 1-...	10.760	2.2	ug/L	33403	3	11.185	374672	25.0
(DEL) Alkane: C...	10.831	3.5	ug/L	52853	3	11.185	374672	25.0