

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036162.D
 Acq On : 20 Jun 2024 14:43
 Operator : SY/MD
 Sample : P2909-22
 Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B46

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: VV036162.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	66	72	94	rVB	187241	210421	19.19%	3.363%
2	1.526	144	151	163	rVB	158978	191635	17.48%	3.063%
3	2.047	305	313	335	rVB	323804	480370	43.81%	7.677%
4	2.439	425	435	449	rBV	60271	100208	9.14%	1.601%
5	2.555	469	471	474	rBV2	313	158	0.01%	0.003%
6	2.571	474	476	480	rBV3	375	298	0.03%	0.005%
7	2.616	488	490	491	rBV	328	169	0.02%	0.003%
8	2.683	509	511	512	rBV	382	141	0.01%	0.002%
9	2.735	525	527	530	rVB2	405	214	0.02%	0.003%
10	2.757	530	534	536	rBV3	346	335	0.03%	0.005%
11	2.876	568	571	572	rBV	461	214	0.02%	0.003%
12	2.957	586	596	611	rBV3	11285	22360	2.04%	0.357%
13	3.044	620	623	626	rBV2	217	161	0.01%	0.003%
14	3.076	630	633	636	rBV4	510	327	0.03%	0.005%
15	3.281	692	697	700	rBV3	460	369	0.03%	0.006%
16	3.317	705	708	713	rBV2	150	142	0.01%	0.002%
17	3.352	715	719	725	rBV2	303	369	0.03%	0.006%
18	3.452	748	750	756	rVB	301	236	0.02%	0.004%
19	3.629	801	805	808	rBV2	273	175	0.02%	0.003%
20	3.725	832	835	838	rVB2	327	149	0.01%	0.002%
21	3.786	850	854	857	rBV2	425	330	0.03%	0.005%
22	3.806	857	860	863	rVB3	268	131	0.01%	0.002%
23	3.863	863	878	889	rBV3	9058	31183	2.84%	0.498%
24	4.240	979	995	1036	rBV	188135	505400	46.09%	8.077%
25	4.458	1061	1063	1070	rVB4	712	619	0.06%	0.010%
26	4.574	1098	1099	1100	rBV4	341	128	0.01%	0.002%
27	4.619	1111	1113	1116	rVB2	637	250	0.02%	0.004%
28	4.642	1117	1120	1124	rBV2	459	373	0.03%	0.006%
29	4.767	1157	1159	1162	rBV2	273	134	0.01%	0.002%
30	4.825	1172	1177	1180	rBV2	180	137	0.01%	0.002%
31	4.860	1185	1188	1190	rBV	291	160	0.01%	0.003%
32	4.947	1199	1215	1253	rBV2	426126	1096520	100.00%	17.524%
33	5.384	1349	1351	1353	rBV2	369	151	0.01%	0.002%
34	5.442	1368	1369	1371	rVB2	453	145	0.01%	0.002%
35	5.481	1377	1381	1384	rBV3	318	263	0.02%	0.004%
36	5.529	1385	1396	1431	rBV	261955	571146	52.09%	9.128%

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37	5.931	1519	1521	1525	rBV	214	161	0.01%	0.003%
38	5.982	1525	1537	1566	rBV	247973	530185	48.35%	8.473%
39	6.272	1625	1627	1629	rBV2	340	183	0.02%	0.003%
40	6.342	1646	1649	1650	rBV2	599	305	0.03%	0.005%
41	6.439	1676	1679	1685	rBV2	200	217	0.02%	0.003%
42	6.471	1685	1689	1691	rBV2	379	277	0.03%	0.004%
43	6.500	1695	1698	1700	rBV2	237	159	0.01%	0.003%
44	6.571	1718	1720	1724	rVB	552	282	0.03%	0.005%
45	6.735	1769	1771	1775	rBV	263	149	0.01%	0.002%
46	6.757	1775	1778	1782	rBV2	219	198	0.02%	0.003%
47	6.818	1795	1797	1800	rBV2	219	139	0.01%	0.002%
48	6.841	1802	1804	1809	rBV3	227	229	0.02%	0.004%
49	6.912	1816	1826	1849	rBV	75117	151807	13.84%	2.426%
50	7.240	1917	1928	1955	rBV	379959	695258	63.41%	11.111%
51	7.497	2005	2008	2010	rBV2	885	452	0.04%	0.007%
52	7.555	2018	2026	2053	rBV	48507	99828	9.10%	1.595%
53	7.873	2112	2125	2136	rBV2	10376	19930	1.82%	0.319%
54	7.953	2147	2150	2153	rBV2	461	268	0.02%	0.004%
55	8.037	2168	2176	2204	rBV2	44023	122726	11.19%	1.961%
56	8.477	2311	2313	2314	rBV2	302	139	0.01%	0.002%
57	8.487	2314	2316	2320	rVV3	468	288	0.03%	0.005%
58	8.529	2325	2329	2332	rBV5	624	424	0.04%	0.007%
59	8.558	2336	2338	2342	rBV2	368	261	0.02%	0.004%
60	8.584	2344	2346	2348	rBV2	323	197	0.02%	0.003%
61	8.670	2371	2373	2379	rVB2	558	281	0.03%	0.004%
62	8.719	2385	2388	2391	rVB2	206	150	0.01%	0.002%
63	8.783	2397	2408	2429	rBV	323896	553700	50.50%	8.849%
64	9.088	2501	2503	2504	rBV	487	247	0.02%	0.004%
65	9.156	2522	2524	2525	rBV2	436	165	0.02%	0.003%
66	9.288	2563	2565	2567	rBV	259	124	0.01%	0.002%
67	9.349	2580	2584	2585	rBV3	342	235	0.02%	0.004%
68	9.400	2597	2600	2602	rBV2	369	251	0.02%	0.004%
69	9.429	2606	2609	2611	rBV2	231	171	0.02%	0.003%
70	9.484	2624	2626	2629	rBV2	438	293	0.03%	0.005%
71	9.535	2640	2642	2645	rVB2	406	196	0.02%	0.003%
72	9.577	2652	2655	2659	rBV2	354	343	0.03%	0.005%
73	9.641	2674	2675	2677	rBV	282	126	0.01%	0.002%
74	9.786	2717	2720	2723	rBV	179	136	0.01%	0.002%
75	9.886	2748	2751	2753	rVB	404	194	0.02%	0.003%
76	9.905	2753	2757	2758	rBV3	283	144	0.01%	0.002%

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77	10.063	2798	2806	2814	rVB4	2751	4040	0.37%	0.065%
78	10.111	2816	2821	2822	rBV3	1552	1021	0.09%	0.016%
79	10.149	2824	2833	2853	rVB	122907	203986	18.60%	3.260%
80	10.323	2879	2887	2902	rVB2	28885	46527	4.24%	0.744%
81	10.403	2911	2912	2916	rBV	252	135	0.01%	0.002%
82	10.426	2916	2919	2923	rBV3	456	403	0.04%	0.006%
83	10.616	2976	2978	2981	rBV2	298	140	0.01%	0.002%
84	10.702	3002	3005	3008	rVB3	608	308	0.03%	0.005%
85	10.741	3014	3017	3018	rBV2	388	185	0.02%	0.003%
86	10.809	3034	3038	3041	rBV3	557	557	0.05%	0.009%
87	10.850	3043	3051	3065	rVB4	7383	11529	1.05%	0.184%
88	10.973	3083	3089	3099	rVB5	3001	4715	0.43%	0.075%
89	11.082	3114	3123	3132	rBV4	12114	19413	1.77%	0.310%
90	11.185	3145	3155	3173	rBV	150474	251296	22.92%	4.016%
91	11.490	3241	3250	3260	rBV4	14959	33784	3.08%	0.540%
92	11.558	3263	3271	3292	rVB	146485	250269	22.82%	4.000%
93	12.114	3441	3444	3446	rBV3	656	470	0.04%	0.008%
94	12.191	3462	3468	3480	rVB	14423	22472	2.05%	0.359%
95	12.619	3594	3601	3610	rBV5	4959	7886	0.72%	0.126%
96	12.915	3688	3693	3696	rBV3	434	414	0.04%	0.007%
97	13.117	3754	3756	3759	rVB3	680	280	0.03%	0.004%
98	13.223	3787	3789	3792	rBV	491	330	0.03%	0.005%
99	13.381	3835	3838	3839	rBV	619	303	0.03%	0.005%
100	13.773	3958	3960	3966	rVB3	715	588	0.05%	0.009%

Sum of corrected areas: 6257390

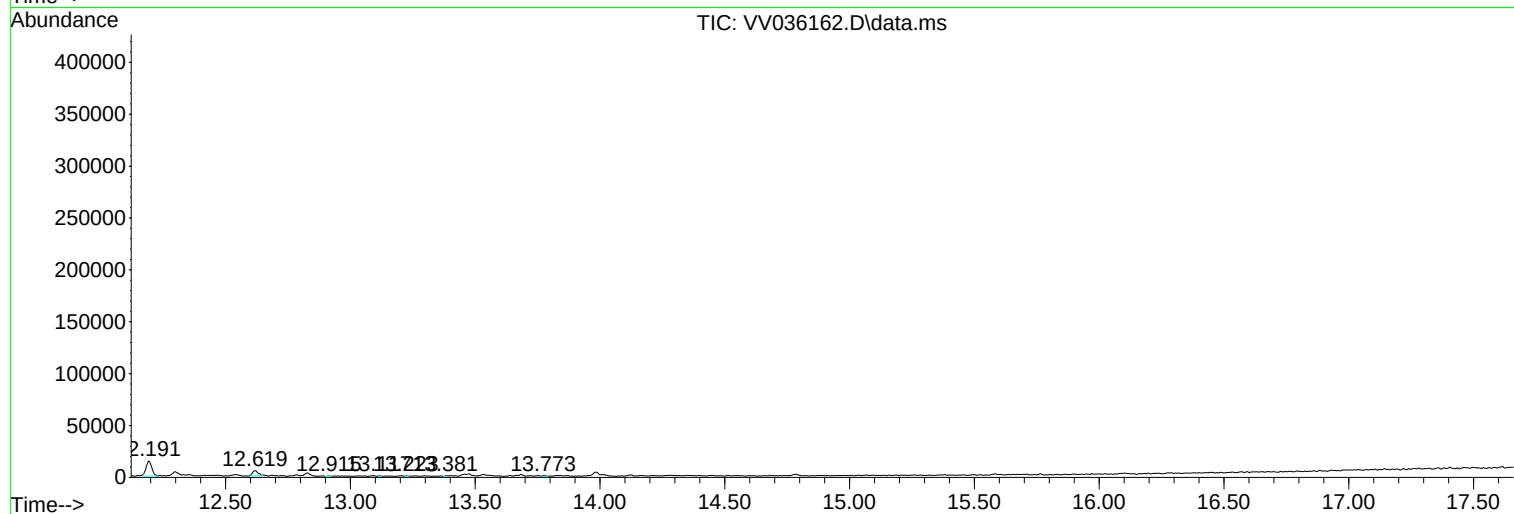
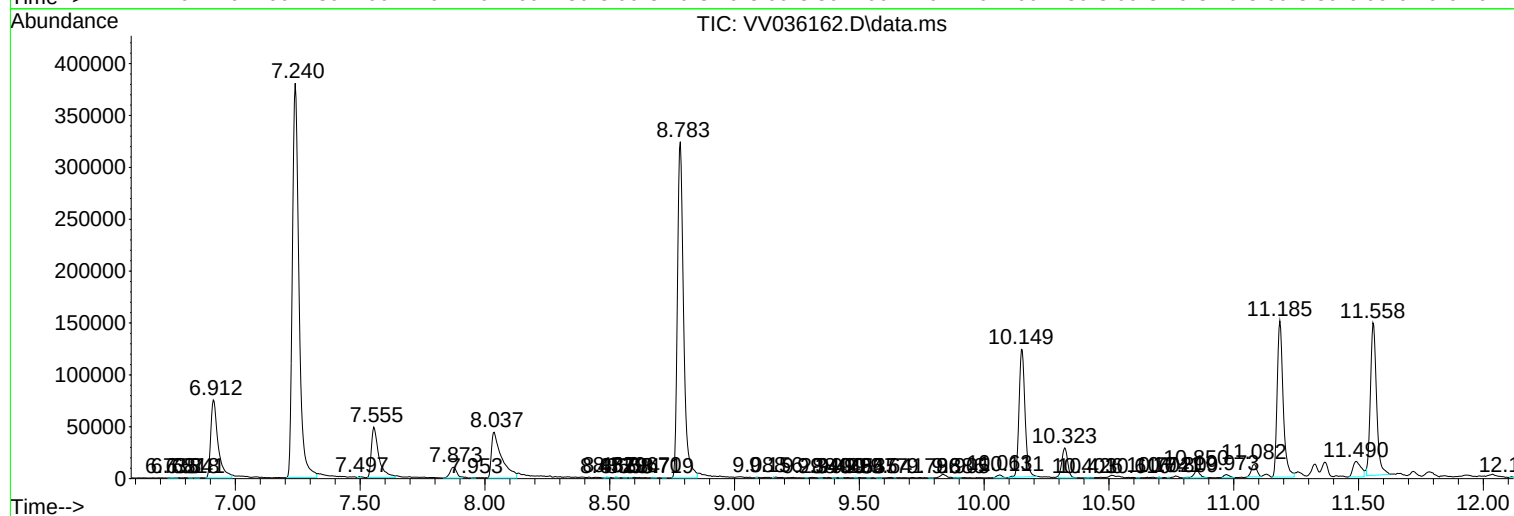
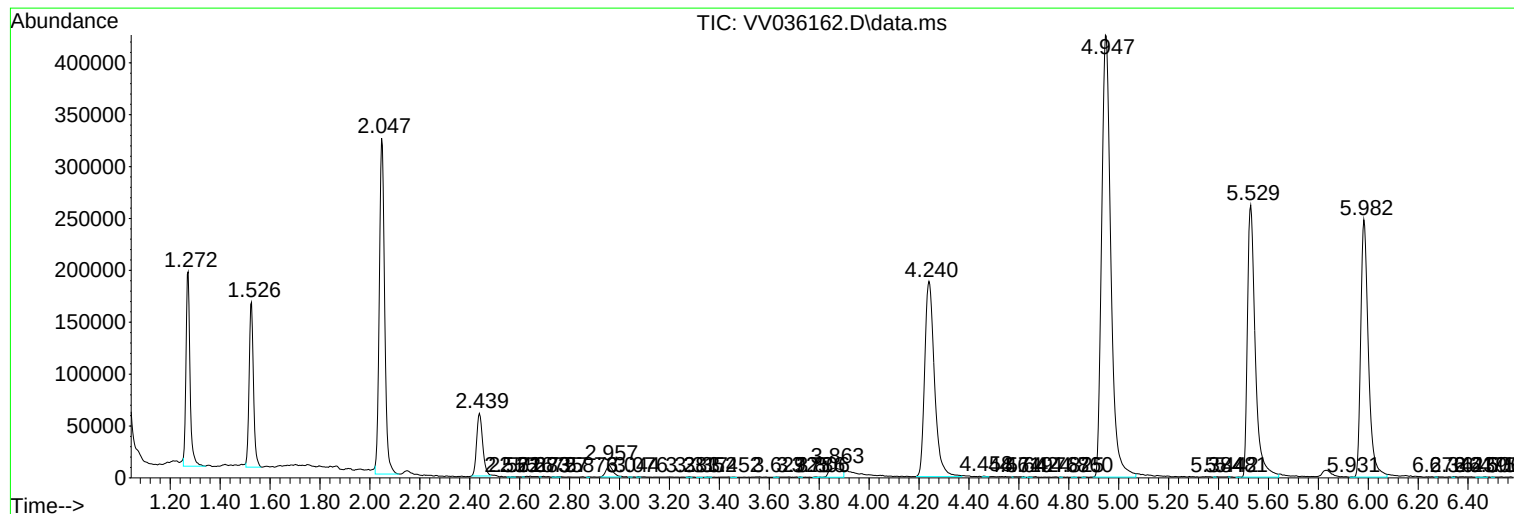
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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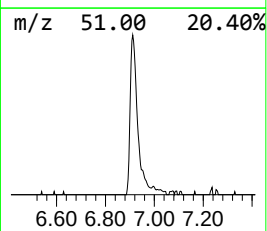
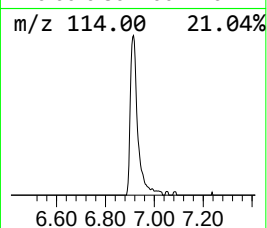
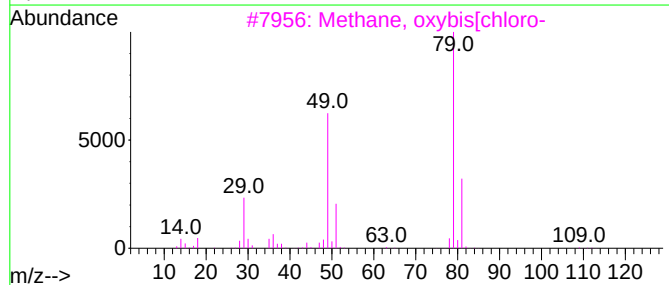
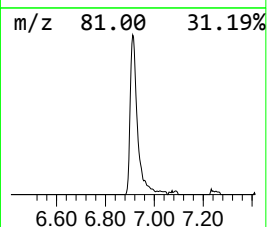
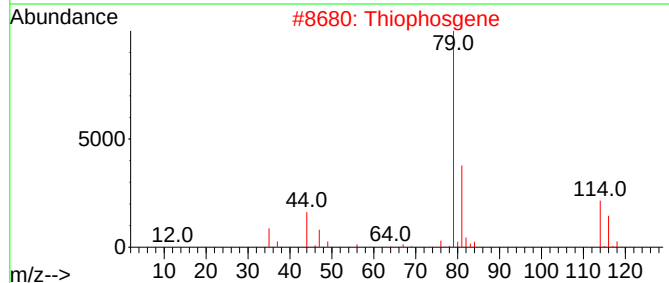
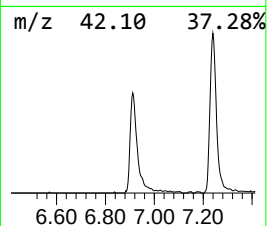
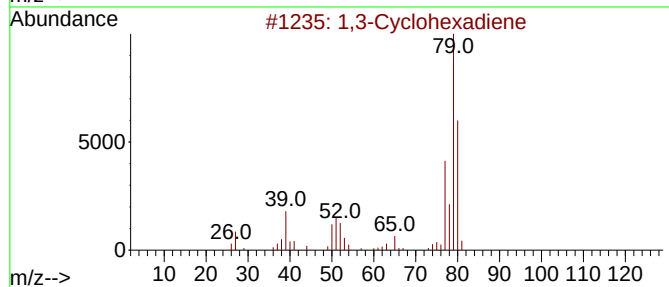
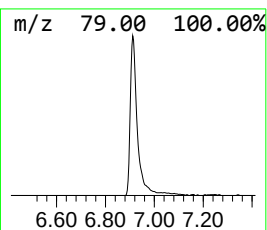
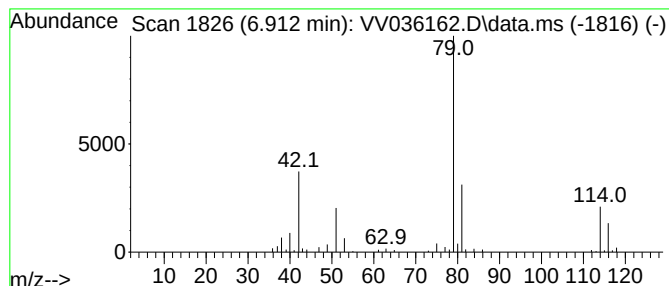
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.912	6.64 ug/L	151807	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclohexadiene	80	C6H8	000592-57-4	47
2			Thiophosgene	114	CCl2S	000463-71-8	42
3			Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	40
4			Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	40
5			1,3-Cyclohexadiene	80	C6H8	000592-57-4	28



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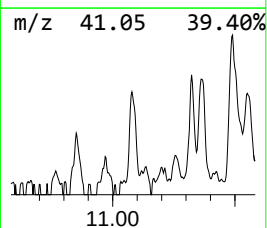
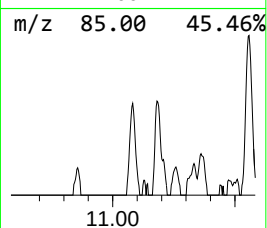
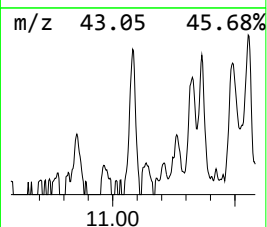
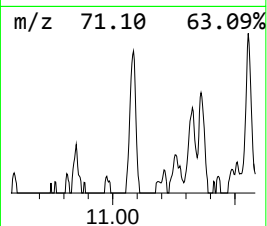
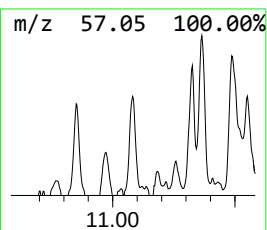
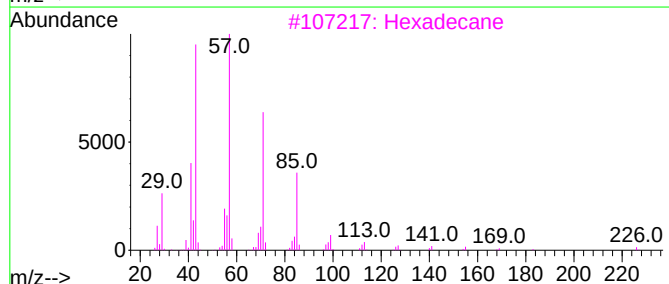
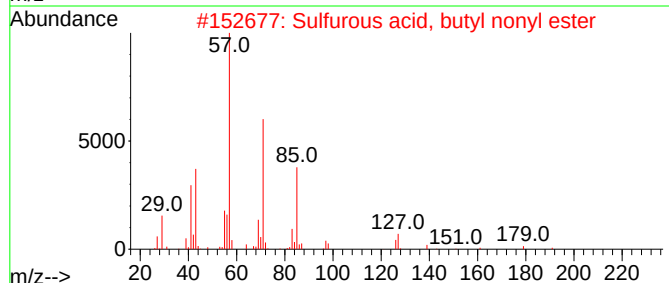
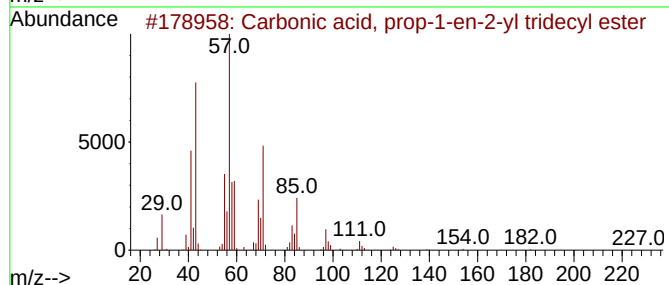
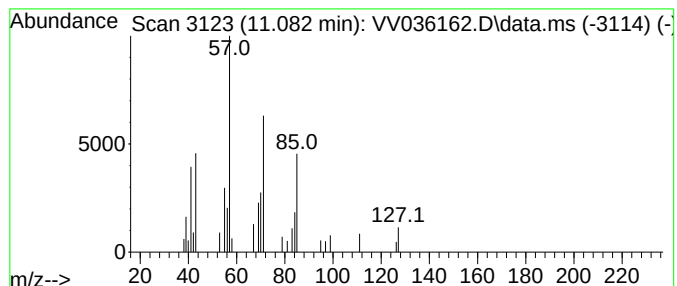
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Carbonic acid, prop-1-en-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.93 ug/L	19413	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
3			Hexadecane	226	C16H34	000544-76-3	59
4			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	59
5			Nonadecane	268	C19H40	000629-92-5	53



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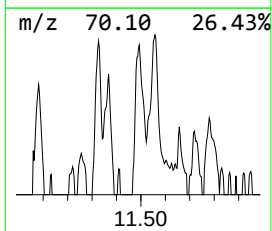
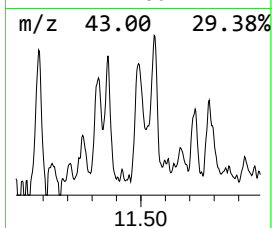
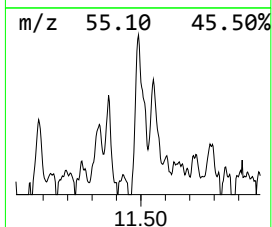
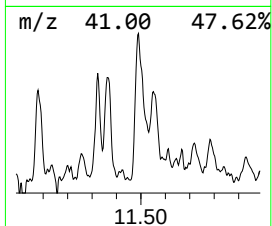
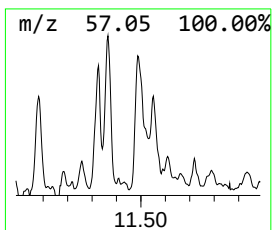
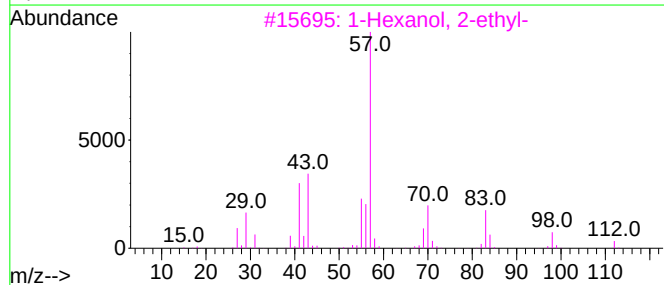
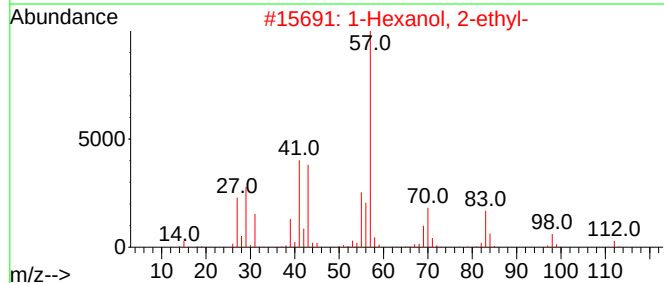
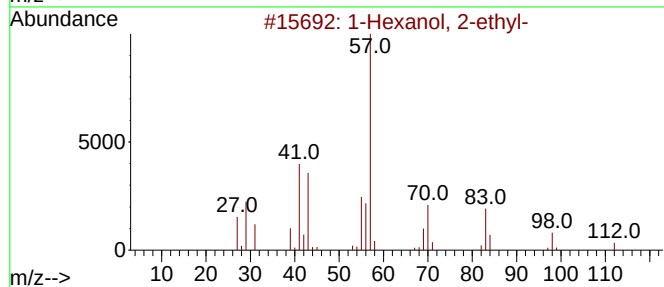
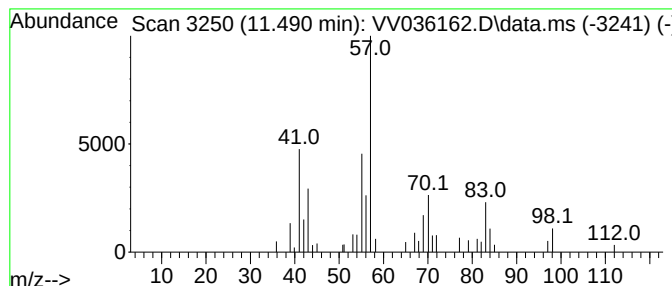
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	3.36 ug/L	33784	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	78
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036162.D
Acq On : 20 Jun 2024 14:43
Operator : SY/MD
Sample : P2909-22
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B46

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	6.912	6.6	ug/L	151807	1	5.529	571146	25.0
Carbonic acid, ...	11.082	1.9	ug/L	19413	3	11.185	251296	25.0
1-Hexanol, 2-et...	11.490	3.4	ug/L	33784	3	11.185	251296	25.0