

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036158.D
 Acq On : 20 Jun 2024 12:39
 Operator : SY/MD
 Sample : P2909-18
 Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B41

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

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: VV036158.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	89	rVB	258391	284650	17.94%	2.971%
2	1.526	143	151	166	rVB	222326	266220	16.77%	2.779%
3	2.050	304	314	330	rVB	463279	676850	42.65%	7.066%
4	2.439	423	435	450	rBV	84855	147410	9.29%	1.539%
5	2.687	508	512	514	rBV3	1001	775	0.05%	0.008%
6	2.960	584	597	616	rVV3	22715	49137	3.10%	0.513%
7	3.095	638	639	647	rVB5	481	465	0.03%	0.005%
8	3.590	790	793	797	rVB3	387	381	0.02%	0.004%
9	3.616	797	801	802	rBV2	576	378	0.02%	0.004%
10	3.651	807	812	815	rBV3	658	682	0.04%	0.007%
11	4.140	960	964	965	rBV2	471	368	0.02%	0.004%
12	4.159	968	970	974	rVB3	719	405	0.03%	0.004%
13	4.240	979	995	1027	rBV	270231	715035	45.05%	7.464%
14	4.571	1094	1098	1100	rBV5	540	469	0.03%	0.005%
15	4.696	1132	1137	1142	rVB4	654	603	0.04%	0.006%
16	4.722	1142	1145	1148	rBV2	668	526	0.03%	0.005%
17	4.828	1171	1178	1181	rBV3	434	394	0.02%	0.004%
18	4.950	1200	1216	1253	rBV2	615969	1587051	100.00%	16.567%
19	5.426	1361	1364	1371	rVB4	539	506	0.03%	0.005%
20	5.455	1371	1373	1377	rVB2	638	421	0.03%	0.004%
21	5.477	1377	1380	1382	rBV2	719	420	0.03%	0.004%
22	5.529	1382	1396	1424	rBV	420956	898143	56.59%	9.376%
23	5.831	1479	1490	1506	rBV3	12177	27332	1.72%	0.285%
24	5.985	1525	1538	1563	rBV	356669	754290	47.53%	7.874%
25	6.420	1670	1673	1677	rVV3	630	433	0.03%	0.005%
26	6.445	1678	1681	1684	rVB3	656	410	0.03%	0.004%
27	6.786	1785	1787	1791	rVB3	532	388	0.02%	0.004%
28	6.911	1815	1826	1858	rBV	132001	268761	16.93%	2.806%
29	7.191	1908	1913	1916	rBV3	465	435	0.03%	0.005%
30	7.239	1916	1928	1968	rBV	603511	1088206	68.57%	11.360%
31	7.503	2004	2010	2016	rVB6	2222	2792	0.18%	0.029%
32	7.555	2017	2026	2052	rBV	80843	156664	9.87%	1.635%
33	7.719	2074	2077	2081	rVB4	614	507	0.03%	0.005%
34	7.802	2099	2103	2106	rBV2	480	356	0.02%	0.004%
35	7.873	2115	2125	2135	rBV2	12845	22235	1.40%	0.232%
36	8.034	2167	2175	2201	rBV2	78469	194274	12.24%	2.028%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036158.D
 Acq On : 20 Jun 2024 12:39
 Operator : SY/MD
 Sample : P2909-18
 Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B41

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

37	8.445	2302	2303	2308	rVB3	676	350	0.02%	0.004%
38	8.513	2319	2324	2325	rBV3	557	417	0.03%	0.004%
39	8.551	2333	2336	2339	rVB3	571	412	0.03%	0.004%
40	8.661	2363	2370	2374	rBV6	1022	1207	0.08%	0.013%
41	8.783	2397	2408	2439	rBV	535544	895542	56.43%	9.348%
42	9.011	2474	2479	2483	rBV6	1563	1860	0.12%	0.019%
43	9.091	2496	2504	2511	rBV8	2067	3829	0.24%	0.040%
44	9.162	2524	2526	2532	rVB5	1246	924	0.06%	0.010%
45	9.493	2622	2629	2634	rBV5	1222	1626	0.10%	0.017%
46	9.548	2642	2646	2650	rBV4	439	440	0.03%	0.005%
47	9.619	2662	2668	2669	rBV2	475	413	0.03%	0.004%
48	9.770	2709	2715	2722	rVB4	323	443	0.03%	0.005%
49	9.834	2729	2735	2751	rBV4	5406	8937	0.56%	0.093%
50	9.944	2762	2769	2778	rVB4	2558	3351	0.21%	0.035%
51	10.062	2796	2806	2814	rBV4	4075	6624	0.42%	0.069%
52	10.153	2819	2834	2852	rBV	184929	296552	18.69%	3.096%
53	10.323	2872	2887	2898	rVB	35298	58082	3.66%	0.606%
54	10.477	2929	2935	2937	rBV5	1672	1701	0.11%	0.018%
55	10.773	3018	3027	3033	rVB4	1850	2949	0.19%	0.031%
56	10.799	3033	3035	3038	rBV3	555	388	0.02%	0.004%
57	10.853	3043	3052	3070	rVB2	10799	18743	1.18%	0.196%
58	10.915	3070	3071	3075	rVB2	574	356	0.02%	0.004%
59	10.969	3078	3088	3100	rBV4	4871	8435	0.53%	0.088%
60	11.024	3103	3105	3110	rBV3	515	426	0.03%	0.004%
61	11.082	3110	3123	3131	rBV	20973	34421	2.17%	0.359%
62	11.127	3133	3137	3145	rVB10	5184	7121	0.45%	0.074%
63	11.185	3145	3155	3171	rBV	281914	449688	28.33%	4.694%
64	11.326	3190	3199	3205	rBV3	17176	28373	1.79%	0.296%
65	11.365	3205	3211	3222	rVB2	22552	34133	2.15%	0.356%
66	11.484	3239	3248	3261	rBV2	23224	56321	3.55%	0.588%
67	11.558	3262	3271	3295	rVB	236953	403929	25.45%	4.217%
68	11.718	3311	3321	3330	rVB7	8999	17616	1.11%	0.184%
69	12.140	3449	3452	3454	rBV3	511	363	0.02%	0.004%
70	12.191	3461	3468	3487	rVB2	12579	21371	1.35%	0.223%
71	12.297	3496	3501	3511	rVB8	3437	5238	0.33%	0.055%
72	12.442	3543	3546	3551	rVB5	865	810	0.05%	0.008%
73	12.538	3569	3576	3588	rVB9	1822	3520	0.22%	0.037%
74	12.619	3593	3601	3608	rVV7	7121	11428	0.72%	0.119%
75	12.750	3636	3642	3649	rBV7	2482	3232	0.20%	0.034%
76	12.783	3649	3652	3660	rVB8	1222	1525	0.10%	0.016%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036158.D
 Acq On : 20 Jun 2024 12:39
 Operator : SY/MD
 Sample : P2909-18
 Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B41

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

77	12.828	3660	3666	3672	rBV4	3407	4541	0.29%	0.047%
78	12.908	3688	3691	3693	rBV3	577	413	0.03%	0.004%
79	12.959	3703	3707	3709	rBV2	562	436	0.03%	0.005%
80	13.082	3743	3745	3750	rVV4	582	505	0.03%	0.005%
81	13.207	3776	3784	3789	rVV6	1108	1349	0.09%	0.014%
82	13.400	3839	3844	3845	rBV3	724	532	0.03%	0.006%
83	13.461	3855	3863	3876	rVB3	4071	7794	0.49%	0.081%
84	13.529	3876	3884	3899	rVB8	2954	5470	0.34%	0.057%
85	13.641	3913	3919	3920	rBV3	877	680	0.04%	0.007%
86	13.683	3929	3932	3939	rVB7	2022	2111	0.13%	0.022%
87	13.767	3950	3958	3965	rBV6	941	1578	0.10%	0.016%
88	13.831	3975	3978	3982	rBV5	936	765	0.05%	0.008%
89	13.921	4002	4006	4013	rBV4	840	1106	0.07%	0.012%
90	13.982	4020	4025	4031	rBV4	2588	2876	0.18%	0.030%
91	14.123	4064	4069	4072	rBV4	1064	1271	0.08%	0.013%
92	14.165	4078	4082	4084	rBV2	772	550	0.03%	0.006%
93	14.284	4115	4119	4121	rBV3	656	599	0.04%	0.006%
94	14.358	4140	4142	4145	rBV2	656	429	0.03%	0.004%
95	14.590	4211	4214	4219	rVB4	808	722	0.05%	0.008%
96	14.738	4256	4260	4265	rVB3	677	690	0.04%	0.007%
97	14.783	4267	4274	4275	rBV4	2085	1846	0.12%	0.019%
98	15.336	4442	4446	4449	rBV4	803	720	0.05%	0.008%
99	15.686	4553	4555	4556	rBV	854	364	0.02%	0.004%
100	15.869	4610	4612	4617	rBV5	948	788	0.05%	0.008%

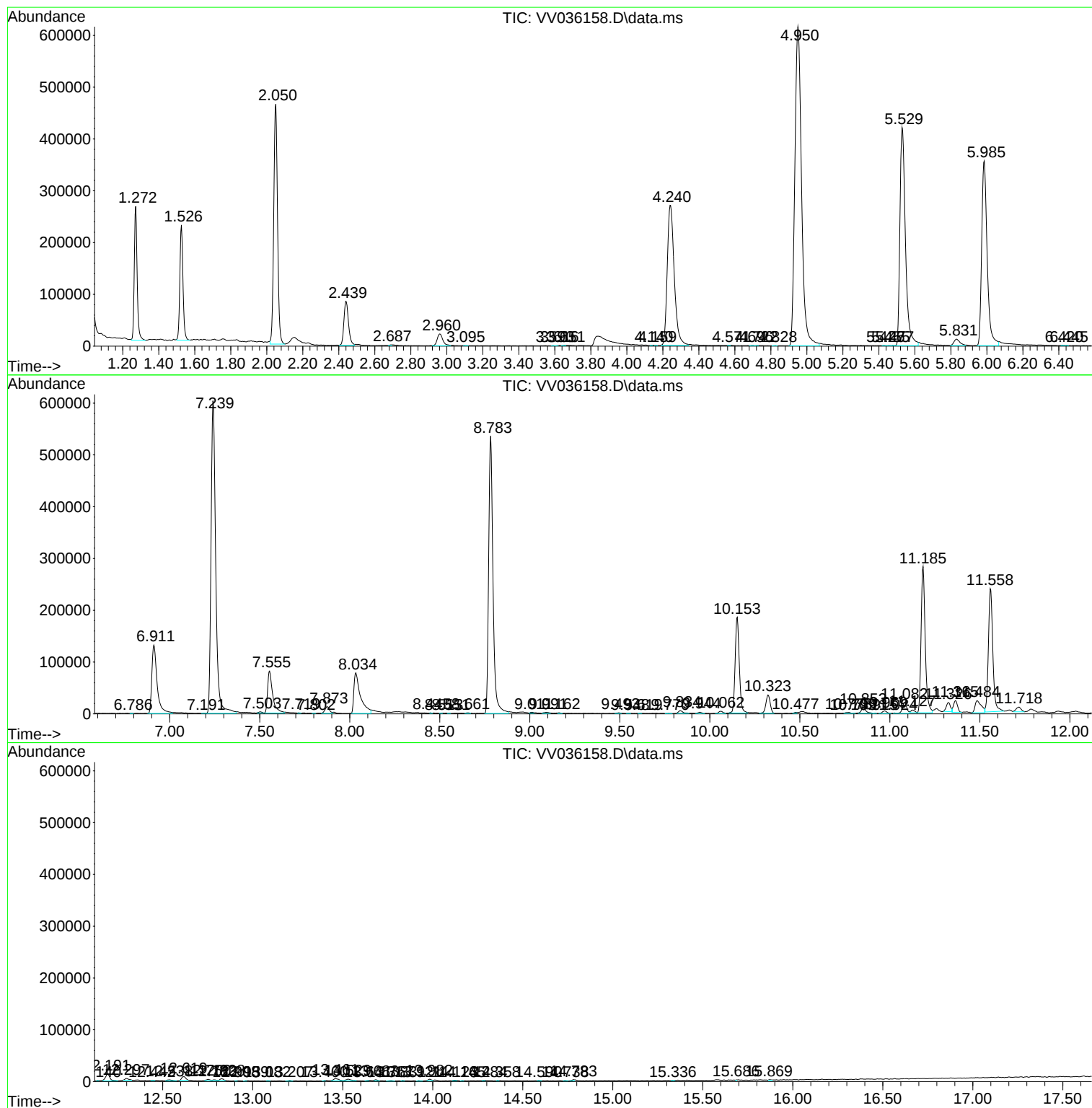
Sum of corrected areas: 9579603

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036158.D
Acq On : 20 Jun 2024 12:39
Operator : SY/MD
Sample : P2909-18
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B41

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\VV062024\
Data File : VV036158.D
Acq On : 20 Jun 2024 12:39
Operator : SY/MD
Sample : P2909-18
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B41

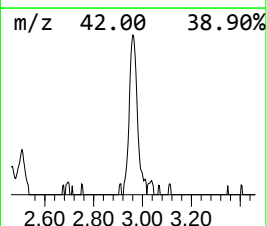
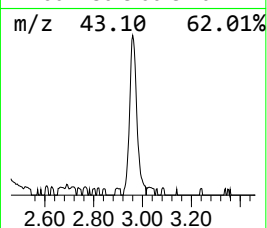
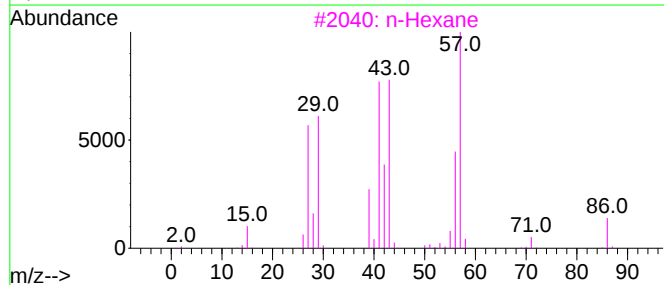
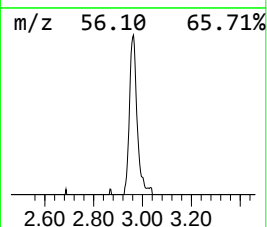
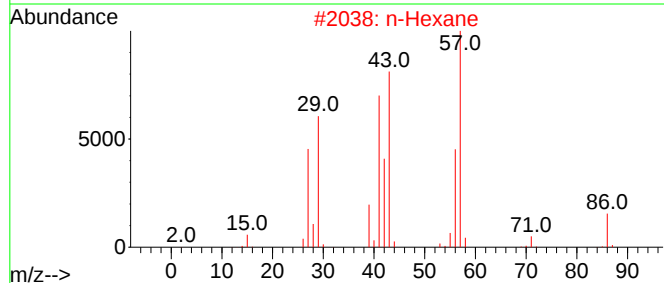
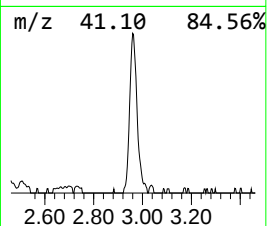
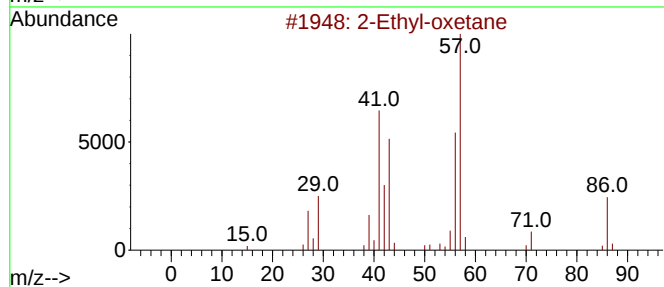
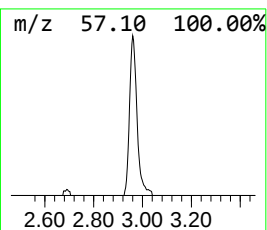
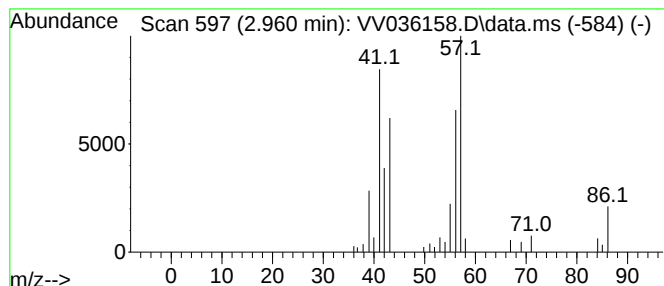
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	1.37 ug/L	49137	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	80
2	n-Hexane			86	C6H14	000110-54-3	64
3	n-Hexane			86	C6H14	000110-54-3	53
4	n-Hexane			86	C6H14	000110-54-3	50
5	1-Pentene, 4-methyl-			84	C6H12	000691-37-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036158.D
Acq On : 20 Jun 2024 12:39
Operator : SY/MD
Sample : P2909-18
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B41

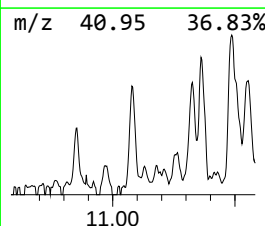
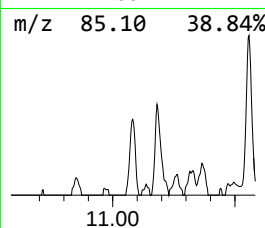
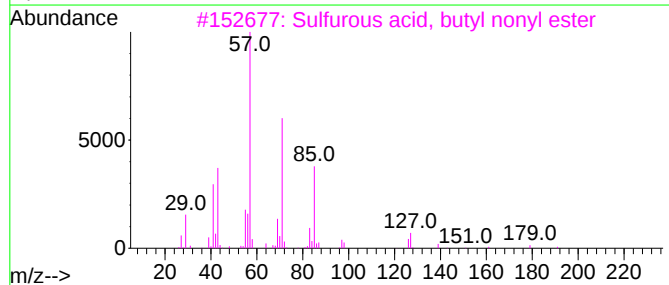
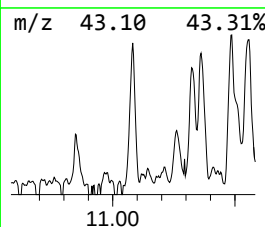
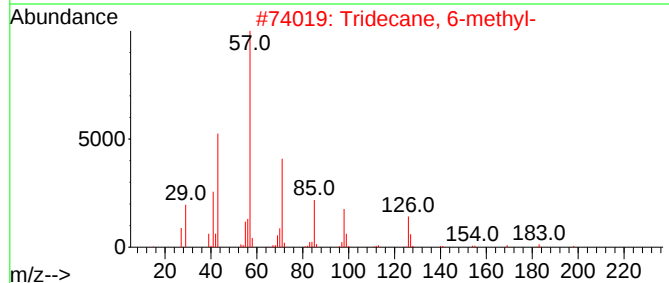
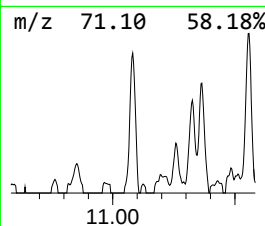
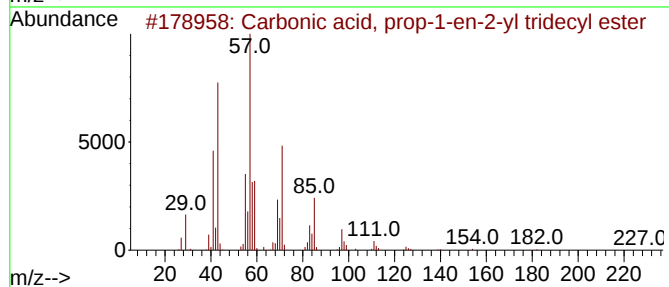
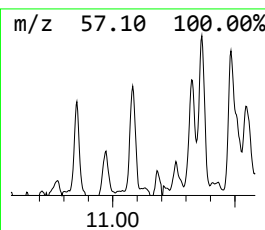
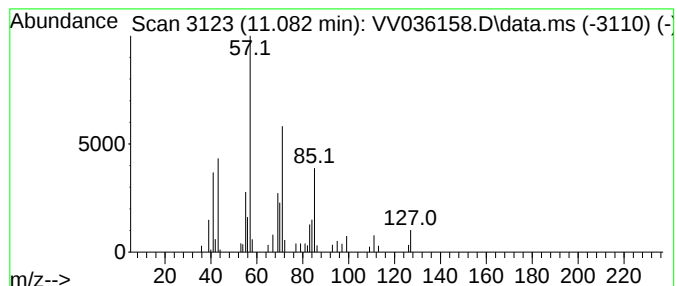
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Carbonic acid, prop-1-en-2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.91 ug/L	34421	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			Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4			Hexadecane	226	C16H34	000544-76-3	59
5			Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036158.D
Acq On : 20 Jun 2024 12:39
Operator : SY/MD
Sample : P2909-18
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B41

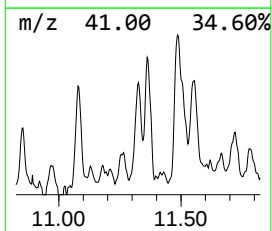
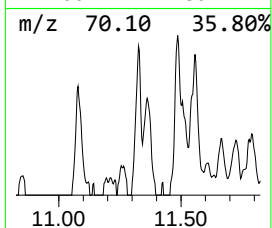
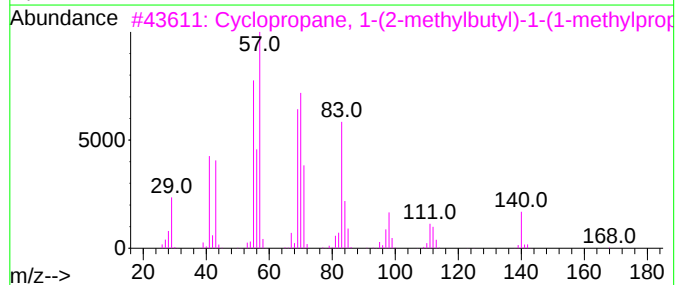
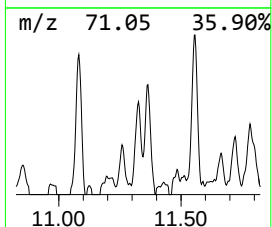
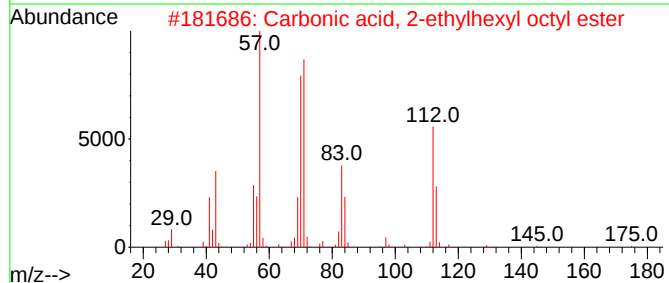
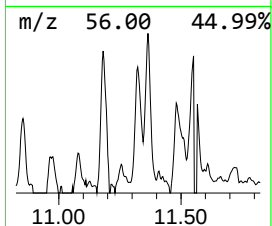
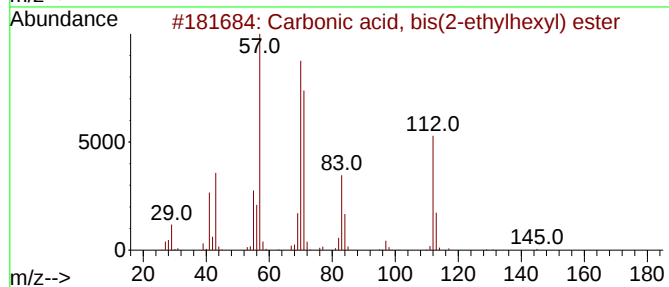
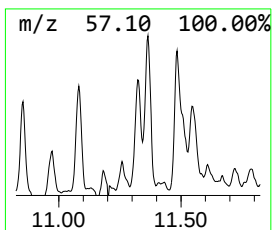
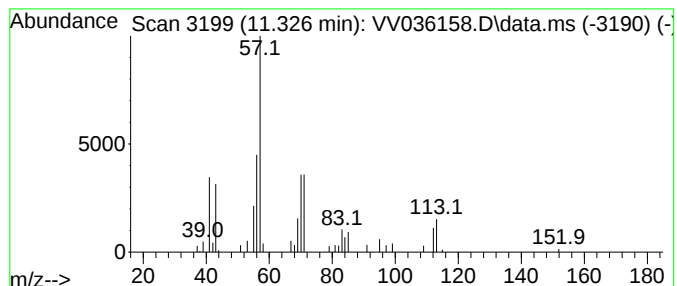
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	1.58 ug/L	28373	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	47
2			Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	47
3			Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	45
4			Carbonic acid, butyl 2-ethylhexy...	230	C13H26O3	1000357-84-4	43
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036158.D
Acq On : 20 Jun 2024 12:39
Operator : SY/MD
Sample : P2909-18
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

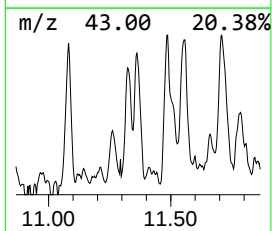
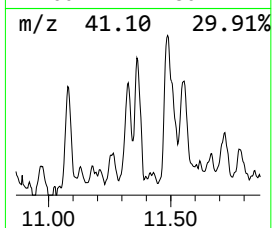
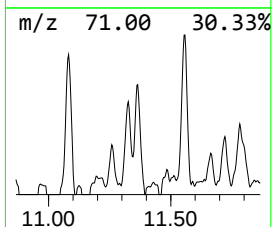
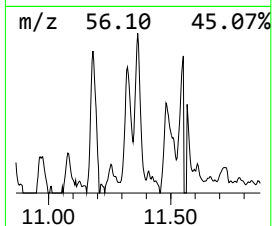
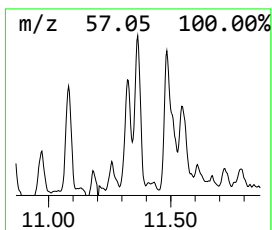
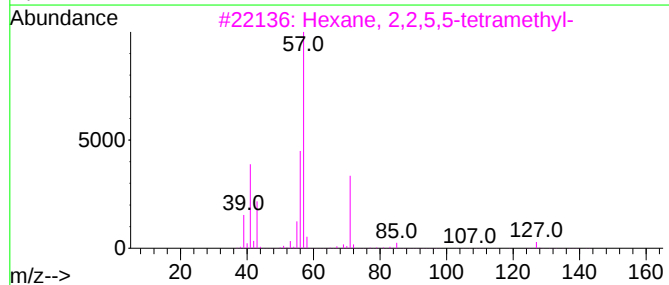
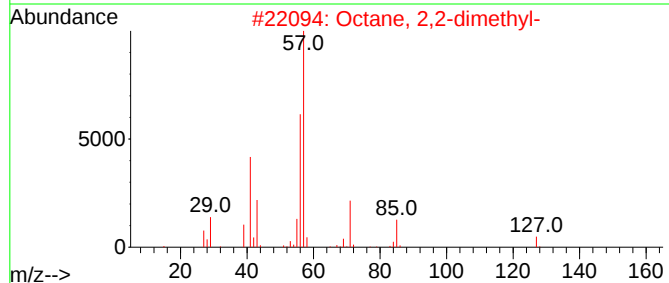
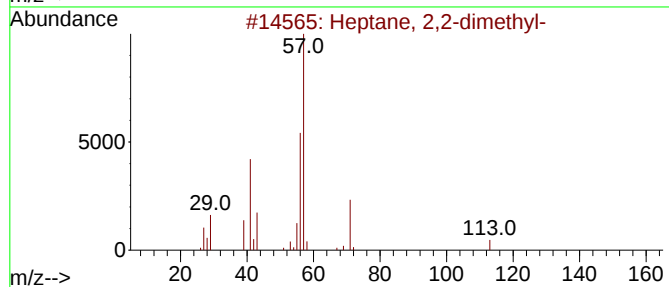
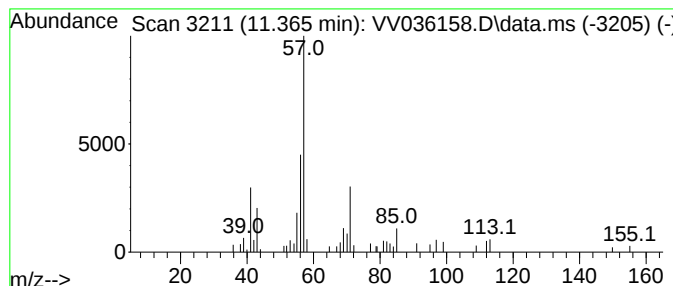
Instrument :
MSVOA_V
ClientSampleId :
A4B41

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 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.365	1.90 ug/L	34133	1,4-Dichlorobenzene-d4			11.185
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-		128	C9H20	001071-26-7	53
2	Octane, 2,2-dimethyl-		142	C10H22	015869-87-1	50
3	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	50
4	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	50
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036158.D
Acq On : 20 Jun 2024 12:39
Operator : SY/MD
Sample : P2909-18
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B41

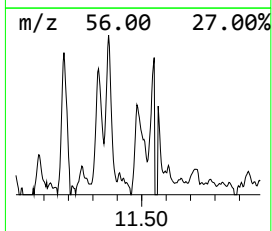
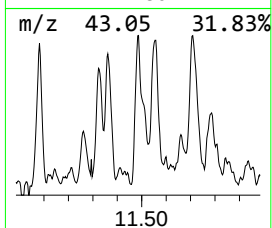
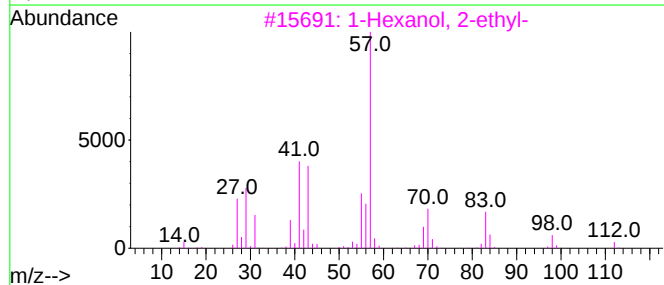
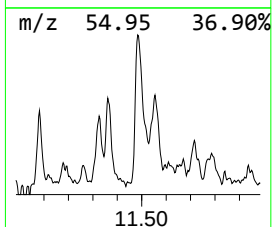
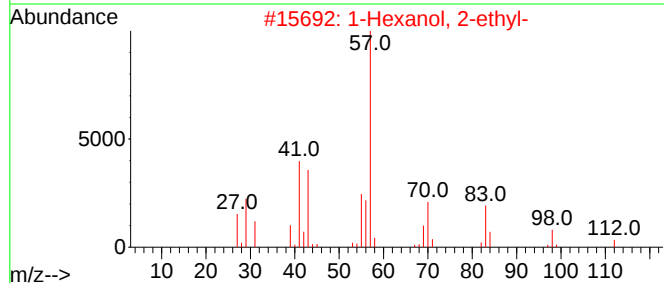
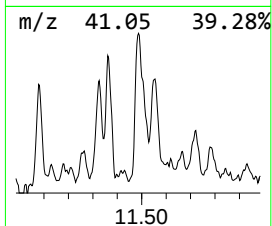
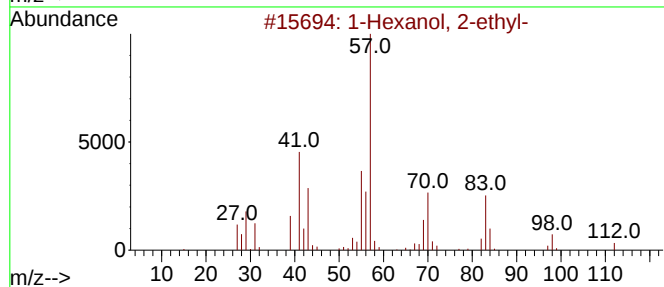
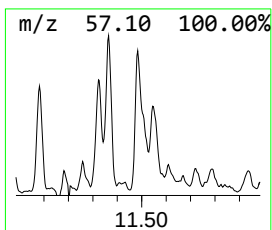
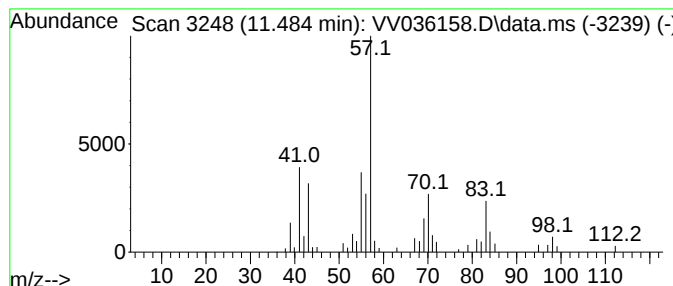
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	3.13 ug/L	56321	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	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036158.D
Acq On : 20 Jun 2024 12:39
Operator : SY/MD
Sample : P2909-18
Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B41

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
2-Ethyl-oxetane	2.960	1.4	ug/L	49137	1	5.529	898143	25.0
Carbonic acid, ...	11.082	1.9	ug/L	34421	3	11.185	449688	25.0
unknown-01	11.326	1.6	ug/L	28373	3	11.185	449688	25.0
(DEL) Alkane: S...	11.365	1.9	ug/L	34133	3	11.185	449688	25.0
1-Hexanol, 2-et...	11.484	3.1	ug/L	56321	3	11.185	449688	25.0