

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006977.D
 Acq On : 06 Dec 2021 23:10
 Operator : SY/MD
 Sample : M4887-23
 Misc : 3.97g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D5

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_Y\methods\SFAMYL120321SMA.M

Title : VOC Analysis

Signal : TIC: VY006977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	65	70	80	rVB	42320	70305	21.44%	3.612%
2	2.686	136	142	150	rBV	54844	115477	35.22%	5.932%
3	3.576	286	288	289	rBV	206	113	0.03%	0.006%
4	3.625	294	296	297	rBV	192	138	0.04%	0.007%
5	3.704	307	309	311	rBV2	233	301	0.09%	0.015%
6	3.851	323	333	346	rBV	37219	110216	33.61%	5.662%
7	4.101	371	374	375	rVB2	362	342	0.10%	0.018%
8	4.113	375	376	378	rBV2	277	221	0.07%	0.011%
9	4.186	380	388	389	rBV4	1301	2295	0.70%	0.118%
10	4.332	410	412	413	rBV	126	105	0.03%	0.005%
11	4.564	448	450	451	rBV	209	140	0.04%	0.007%
12	4.582	451	453	454	rBV	168	138	0.04%	0.007%
13	4.704	463	473	487	rBV2	16086	52660	16.06%	2.705%
14	4.826	491	493	495	rVB	197	142	0.04%	0.007%
15	4.851	495	497	498	rBV	172	119	0.04%	0.006%
16	4.869	498	500	501	rVB2	167	89	0.03%	0.005%
17	4.924	504	509	511	rBV3	449	710	0.22%	0.036%
18	5.161	546	548	551	rBV3	160	172	0.05%	0.009%
19	5.198	551	554	557	rVB2	263	288	0.09%	0.015%
20	5.235	557	560	561	rBV2	242	247	0.08%	0.013%
21	5.369	580	582	583	rBV2	115	120	0.04%	0.006%
22	5.448	593	595	596	rBV	175	152	0.05%	0.008%
23	5.497	601	603	605	rVB	299	237	0.07%	0.012%
24	5.527	605	608	611	rBV2	233	380	0.12%	0.020%
25	5.570	613	615	616	rVB	234	130	0.04%	0.007%
26	5.582	616	617	622	rBV2	265	270	0.08%	0.014%
27	5.631	623	625	627	rVB2	201	177	0.05%	0.009%
28	5.741	635	643	651	rBV4	1515	4320	1.32%	0.222%
29	5.844	657	660	662	rBV4	121	170	0.05%	0.009%
30	5.863	662	663	666	rBV2	153	179	0.05%	0.009%
31	5.924	671	673	675	rBV	144	154	0.05%	0.008%
32	5.960	675	679	680	rBV3	216	234	0.07%	0.012%
33	6.033	690	691	692	rBV3	360	143	0.04%	0.007%
34	6.052	692	694	695	rVV	177	98	0.03%	0.005%
35	6.070	695	697	699	rBV	99	108	0.03%	0.006%
36	6.137	705	708	711	rBV2	351	367	0.11%	0.019%

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 Title : VOC Analysis

37	6.180	714	715	716	rBV	188	91	0.03%	0.005%
38	6.228	721	723	725	rVB	135	95	0.03%	0.005%
39	6.259	727	728	729	rBV	171	102	0.03%	0.005%
40	6.472	761	763	764	rVB	233	109	0.03%	0.006%
41	6.515	769	770	772	rBV	143	128	0.04%	0.007%
42	6.606	783	785	786	rBV	160	132	0.04%	0.007%
43	6.893	824	832	837	rBV2	2936	8956	2.73%	0.460%
44	7.277	893	895	896	rBV	349	239	0.07%	0.012%
45	7.478	918	928	940	rBV	64213	156469	47.72%	8.038%
46	7.698	962	964	967	rBV	254	250	0.08%	0.013%
47	7.752	972	973	974	rBV	193	109	0.03%	0.006%
48	7.777	976	977	980	rVB3	261	205	0.06%	0.011%
49	8.009	1014	1015	1017	rBV2	270	153	0.05%	0.008%
50	8.033	1017	1019	1020	rVB	268	130	0.04%	0.007%
51	8.112	1022	1032	1046	rBV3	104315	327893	100.00%	16.844%
52	8.234	1046	1052	1063	rVB2	9624	21328	6.50%	1.096%
53	8.429	1082	1084	1085	rVB	208	105	0.03%	0.005%
54	8.685	1119	1126	1135	rVB	77371	151664	46.25%	7.791%
55	8.862	1153	1155	1157	rVV	196	130	0.04%	0.007%
56	8.941	1160	1168	1176	rVB	24560	47069	14.35%	2.418%
57	9.118	1189	1197	1215	rVB	88052	175422	53.50%	9.011%
58	9.252	1217	1219	1221	rVB	186	110	0.03%	0.006%
59	9.655	1280	1285	1289	rBV	373	689	0.21%	0.035%
60	9.691	1289	1291	1293	rVV	217	203	0.06%	0.010%
61	9.716	1293	1295	1299	rVV2	287	404	0.12%	0.021%
62	9.807	1308	1310	1312	rBV	240	168	0.05%	0.009%
63	9.886	1317	1323	1332	rVB2	23185	41271	12.59%	2.120%
64	9.984	1333	1339	1342	rBV6	1076	1598	0.49%	0.082%
65	10.130	1360	1363	1364	rBV	177	157	0.05%	0.008%
66	10.179	1364	1371	1377	rVV	80317	138228	42.16%	7.101%
67	10.240	1377	1381	1390	rVB2	5110	8257	2.52%	0.424%
68	10.319	1390	1394	1397	rBV2	438	620	0.19%	0.032%
69	10.374	1399	1403	1405	rBV2	259	364	0.11%	0.019%
70	10.435	1407	1413	1424	rVB2	13856	23577	7.19%	1.211%
71	10.575	1431	1436	1442	rVB	8956	15589	4.75%	0.801%
72	10.654	1447	1449	1452	rBV	205	172	0.05%	0.009%
73	10.715	1454	1459	1464	rBV2	4973	7372	2.25%	0.379%
74	10.789	1465	1471	1483	rVB4	11970	29895	9.12%	1.536%
75	10.886	1485	1487	1488	rBV	260	146	0.04%	0.008%
76	10.947	1491	1497	1506	rVB	15553	26750	8.16%	1.374%

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77	11.014	1506	1508	1510	rBV2	373	297	0.09%	0.015%
78	11.154	1529	1531	1533	rBV2	224	147	0.04%	0.008%
79	11.313	1553	1557	1563	rVB2	7058	11908	3.63%	0.612%
80	11.490	1578	1586	1594	rBV	69070	112172	34.21%	5.762%
81	11.697	1617	1620	1624	rVB2	757	996	0.30%	0.051%
82	12.008	1669	1671	1672	rBV3	386	229	0.07%	0.012%
83	12.026	1672	1674	1679	rVB3	787	1017	0.31%	0.052%
84	12.069	1679	1681	1683	rBV	271	243	0.07%	0.012%
85	12.118	1687	1689	1692	rVB2	302	235	0.07%	0.012%
86	12.288	1714	1717	1718	rBV	230	232	0.07%	0.012%
87	12.489	1741	1750	1756	rBV	34652	59099	18.02%	3.036%
88	12.557	1756	1761	1768	rVB	49257	75752	23.10%	3.891%
89	12.733	1786	1790	1793	rBV2	347	527	0.16%	0.027%
90	12.819	1799	1804	1810	rBV	7566	11378	3.47%	0.584%
91	13.063	1839	1844	1849	rBV3	1656	2896	0.88%	0.149%
92	13.148	1857	1858	1859	rBV	377	217	0.07%	0.011%
93	13.178	1859	1863	1869	rVB2	3431	5210	1.59%	0.268%
94	13.276	1874	1879	1884	rVB4	1242	2480	0.76%	0.127%
95	13.422	1897	1903	1909	rBV	33982	51843	15.81%	2.663%
96	13.636	1936	1938	1941	rBV2	811	784	0.24%	0.040%
97	13.715	1946	1951	1958	rBV	25456	40106	12.23%	2.060%
98	13.965	1987	1992	2000	rVB2	7721	13509	4.12%	0.694%
99	14.227	2032	2035	2038	rBV2	2109	2321	0.71%	0.119%
100	15.385	2221	2225	2230	rBV2	2752	5253	1.60%	0.270%

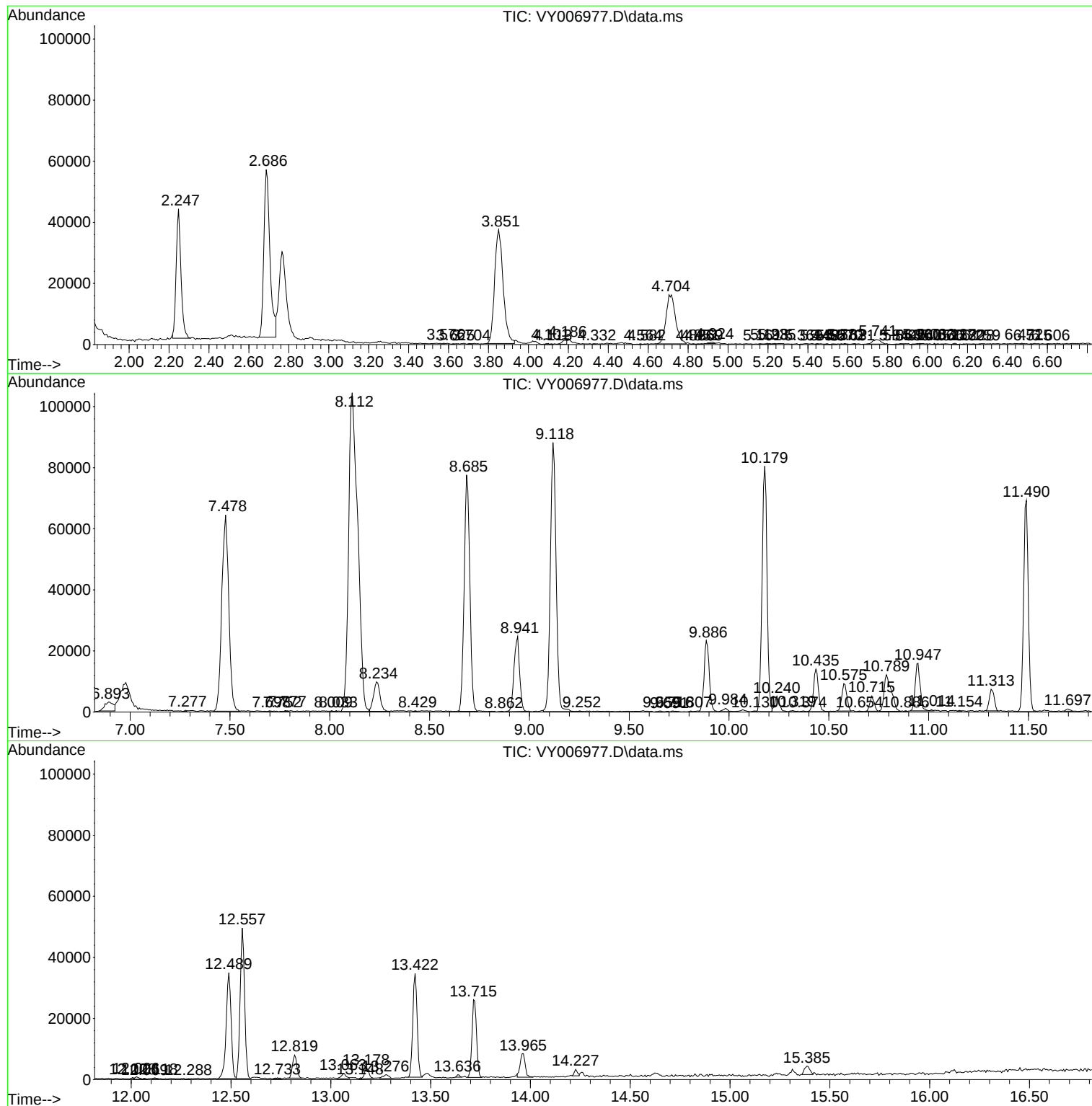
Sum of corrected areas: 1946657

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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



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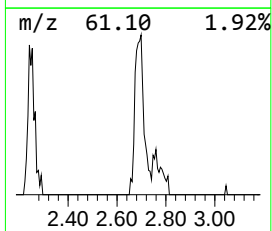
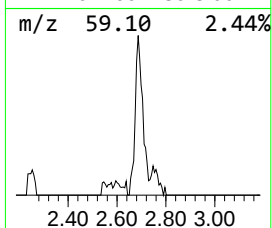
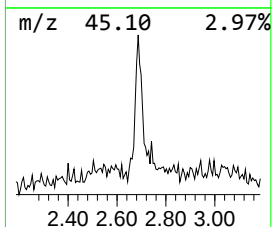
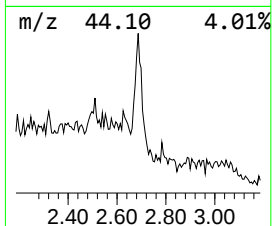
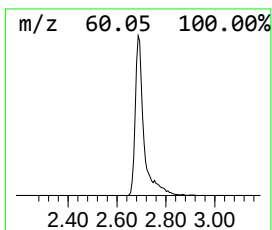
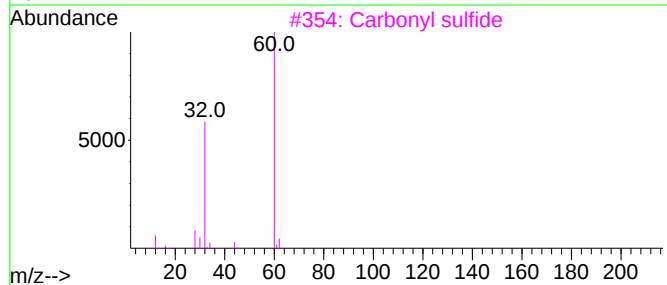
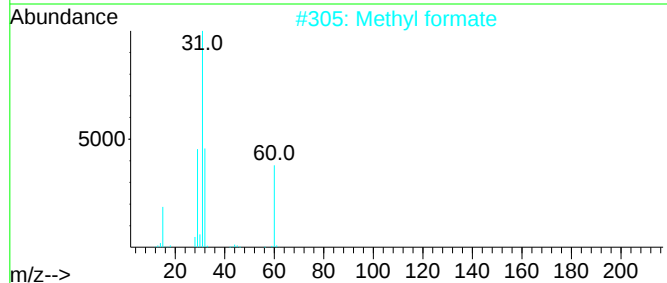
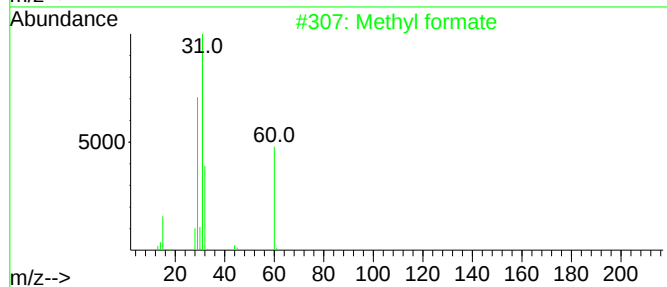
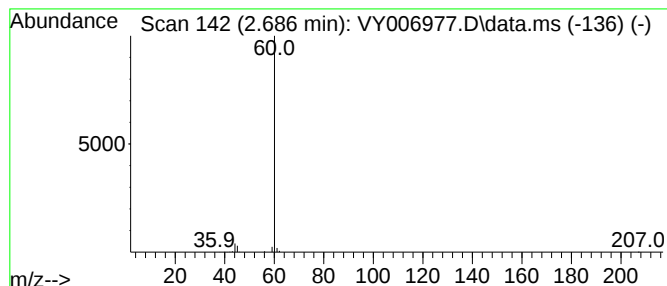
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.686	19.04 ug/L	115477	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl formate	60	C2H4O2	000107-31-3	7
2			Methyl formate	60	C2H4O2	000107-31-3	7
3			Carbonyl sulfide	60	CO S	000463-58-1	5
4			Methyl formate	60	C2H4O2	000107-31-3	5
5			Urea	60	CH4N2O	000057-13-6	5



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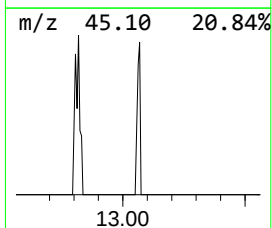
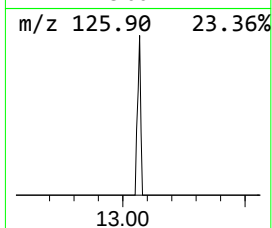
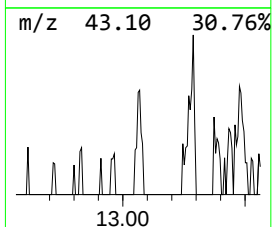
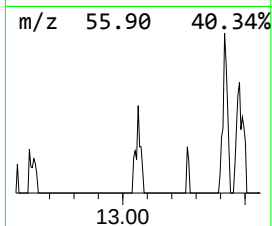
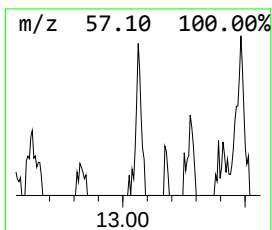
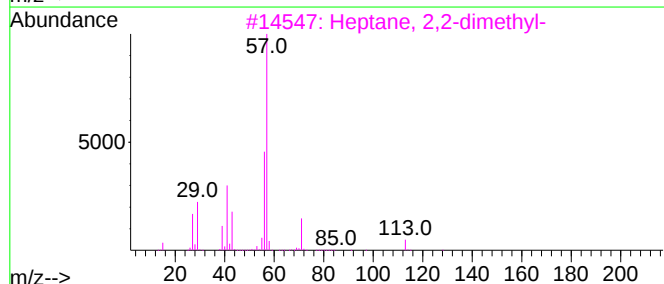
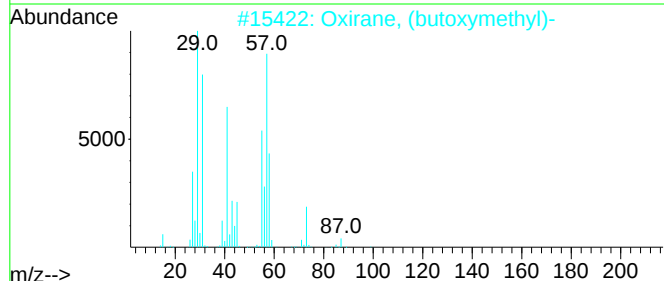
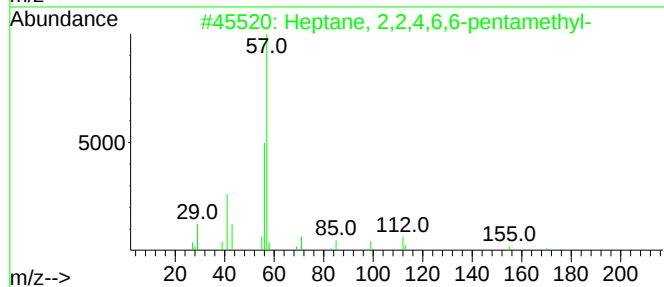
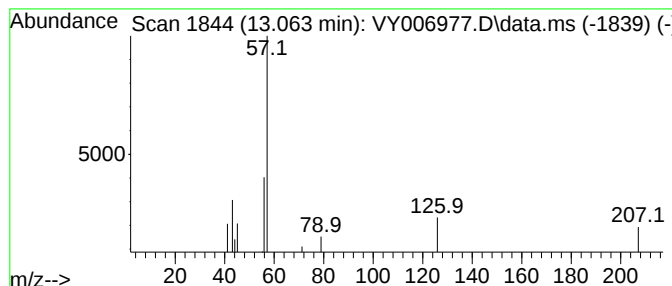
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	1.40 ug/L	2896	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	9
2			Oxirane, (butoxymethyl)-	130	C7H14O2	002426-08-6	9
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	9
4			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	9
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	9



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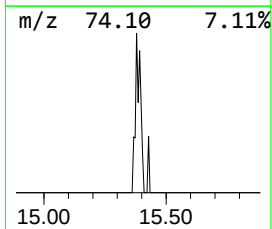
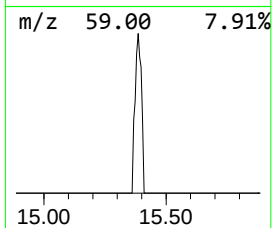
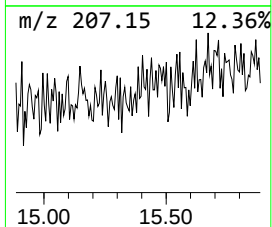
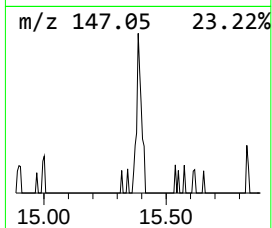
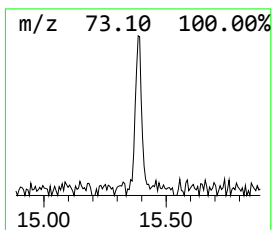
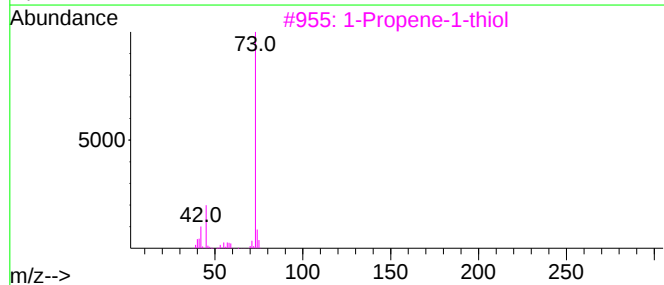
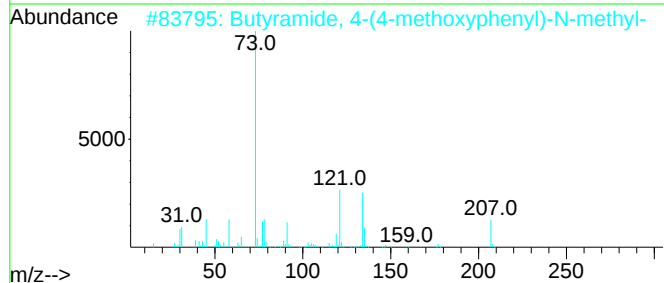
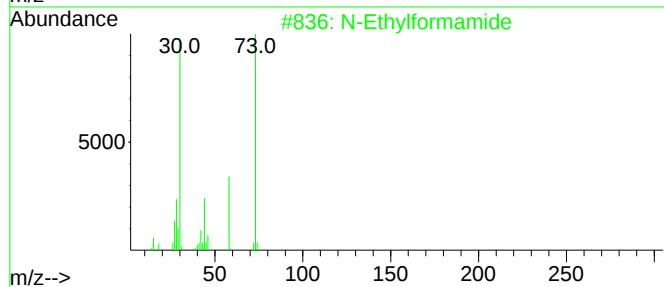
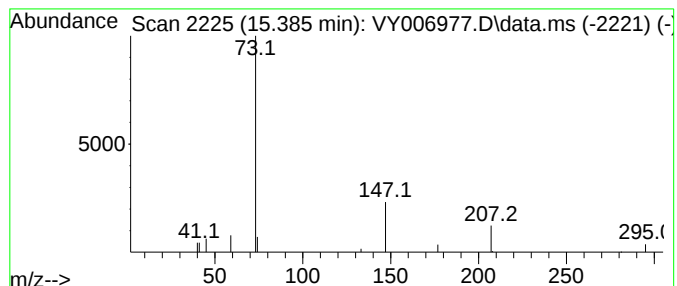
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 11 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.385	2.53 ug/L	5253	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Ethylformamide	73	C3H7NO	000627-45-2	7
2			Butyramide, 4-(4-methoxyphenyl)-...	207	C12H17NO2	1000420-45-6	5
3			1-Propene-1-thiol	74	C3H6S	000925-89-3	5
4			N-Ethylformamide	73	C3H7NO	000627-45-2	4
5			3-Hexenyltrimethylsilane	156	C9H20Si	103110-63-0	4



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Sample : M4887-23
Misc : 3.97g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.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	2.686	19.0	ug/L	115477	1	8.685	151664	25.0
(DEL) Alkane: S...	13.063	1.4	ug/L	2896	3	13.422	51843	25.0
unknown-02	15.385	2.5	ug/L	5253	3	13.422	51843	25.0