

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006983.D
 Acq On : 07 Dec 2021 01:22
 Operator : SY/MD
 Sample : M4884-07RE
 Misc : 4.48g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J3

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_Y\methods\SFAMYL120321SMA.M
 Title : VOC Analysis

Signal : TIC: VY006983.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	77	rVB	29078	48219	10.88%	1.436%
2	2.765	149	155	169	rVB	22059	51963	11.72%	1.548%
3	3.211	226	228	231	rVB	249	169	0.04%	0.005%
4	3.717	308	311	314	rBV2	316	423	0.10%	0.013%
5	3.765	317	319	320	rBV2	259	153	0.03%	0.005%
6	3.851	324	333	342	rBV	32288	92113	20.78%	2.743%
7	4.192	381	389	399	rVB4	1608	4813	1.09%	0.143%
8	4.387	420	421	424	rBV2	213	150	0.03%	0.004%
9	4.515	439	442	443	rBV	259	244	0.06%	0.007%
10	4.533	443	445	448	rVV	319	267	0.06%	0.008%
11	4.558	448	449	451	rVB	304	163	0.04%	0.005%
12	4.582	451	453	456	rBV	175	231	0.05%	0.007%
13	4.710	464	474	491	rBV3	12289	39135	8.83%	1.165%
14	4.832	491	494	496	rBV	198	259	0.06%	0.008%
15	4.942	510	512	514	rVV	259	275	0.06%	0.008%
16	5.064	527	532	535	rBV2	296	425	0.10%	0.013%
17	5.088	535	536	539	rVB2	215	153	0.03%	0.005%
18	5.192	551	553	555	rBV2	229	278	0.06%	0.008%
19	5.460	595	597	601	rBV2	346	542	0.12%	0.016%
20	5.497	601	603	606	rVB2	244	247	0.06%	0.007%
21	5.527	606	608	610	rBV	197	173	0.04%	0.005%
22	5.625	621	624	626	rVB2	239	264	0.06%	0.008%
23	5.747	635	644	656	rBV8	1742	5758	1.30%	0.171%
24	5.850	658	661	662	rBV	152	165	0.04%	0.005%
25	5.893	665	668	670	rBV	254	306	0.07%	0.009%
26	6.051	693	694	696	rBV	242	212	0.05%	0.006%
27	6.137	706	708	709	rBV	193	160	0.04%	0.005%
28	6.155	709	711	713	rBV2	184	156	0.04%	0.005%
29	6.350	741	743	744	rVV2	235	180	0.04%	0.005%
30	6.369	744	746	747	rVV	308	264	0.06%	0.008%
31	6.423	753	755	757	rVV	305	163	0.04%	0.005%
32	6.545	771	775	778	rBV2	209	275	0.06%	0.008%
33	6.618	785	787	789	rVB	258	152	0.03%	0.005%
34	6.649	789	792	793	rBV2	187	184	0.04%	0.005%
35	6.893	820	832	840	rBV2	19937	60555	13.66%	1.803%
36	7.271	892	894	895	rBV	283	228	0.05%	0.007%

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37	7.478	919	928	940	rVB2	62044	150703	33.99%	4.488%
38	7.594	946	947	950	rBV	221	230	0.05%	0.007%
39	7.832	984	986	988	rVB	348	259	0.06%	0.008%
40	7.874	988	993	995	rBV3	399	546	0.12%	0.016%
41	7.905	995	998	1002	rVB3	245	418	0.09%	0.012%
42	7.954	1002	1006	1008	rBV2	300	525	0.12%	0.016%
43	8.045	1019	1021	1022	rBV	234	200	0.05%	0.006%
44	8.112	1023	1032	1047	rVV3	124117	443382	100.00%	13.204%
45	8.234	1048	1052	1060	rVB2	4424	9405	2.12%	0.280%
46	8.295	1060	1062	1063	rBV2	287	153	0.03%	0.005%
47	8.368	1070	1074	1076	rBV3	236	316	0.07%	0.009%
48	8.393	1076	1078	1080	rBV	548	573	0.13%	0.017%
49	8.453	1087	1088	1091	rBV2	242	230	0.05%	0.007%
50	8.521	1098	1099	1101	rBV	226	148	0.03%	0.004%
51	8.691	1118	1127	1136	rBV	170259	341071	76.92%	10.157%
52	8.862	1153	1155	1156	rBV2	224	159	0.04%	0.005%
53	8.892	1158	1160	1161	rVV	476	346	0.08%	0.010%
54	8.935	1161	1167	1173	rVV5	9819	20869	4.71%	0.621%
55	9.124	1185	1198	1207	rBV	96279	199962	45.10%	5.955%
56	9.258	1219	1220	1223	rVB	235	149	0.03%	0.004%
57	9.289	1223	1225	1227	rBV	190	160	0.04%	0.005%
58	9.368	1236	1238	1240	rVB2	282	199	0.04%	0.006%
59	9.435	1246	1249	1251	rBV2	226	196	0.04%	0.006%
60	9.459	1251	1253	1256	rBV2	261	267	0.06%	0.008%
61	9.508	1257	1261	1266	rVV2	1120	1774	0.40%	0.053%
62	9.569	1270	1271	1274	rBV2	212	207	0.05%	0.006%
63	9.892	1316	1324	1332	rBV	46368	82986	18.72%	2.471%
64	9.972	1334	1337	1342	rVB4	721	1011	0.23%	0.030%
65	10.075	1348	1354	1357	rVB2	908	1552	0.35%	0.046%
66	10.179	1364	1371	1377	rBV	136047	236415	53.32%	7.041%
67	10.240	1377	1381	1390	rVB	37804	64370	14.52%	1.917%
68	10.313	1391	1393	1394	rBV	312	171	0.04%	0.005%
69	10.435	1407	1413	1420	rVB	32070	52661	11.88%	1.568%
70	10.581	1431	1437	1443	rVV	12153	21157	4.77%	0.630%
71	10.709	1456	1458	1464	rVB5	735	963	0.22%	0.029%
72	10.788	1464	1471	1485	rBV	83689	136900	30.88%	4.077%
73	10.898	1487	1489	1491	rBV3	255	154	0.03%	0.005%
74	10.947	1491	1497	1505	rBV	14699	26187	5.91%	0.780%
75	11.081	1517	1519	1521	rBV	348	360	0.08%	0.011%
76	11.105	1521	1523	1531	rVB5	1232	1902	0.43%	0.057%

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77	11.319	1552	1558	1567	rVB	11741	19455	4.39%	0.579%
78	11.490	1579	1586	1594	rBV	243627	392559	88.54%	11.691%
79	11.599	1599	1604	1607	rVB4	947	1565	0.35%	0.047%
80	11.703	1614	1621	1627	rBV2	6946	13349	3.01%	0.398%
81	12.038	1670	1676	1684	rVB3	9070	16032	3.62%	0.477%
82	12.392	1732	1734	1736	rBV2	452	322	0.07%	0.010%
83	12.489	1742	1750	1756	rBV	66556	106839	24.10%	3.182%
84	12.556	1756	1761	1769	rVB	84744	134056	30.23%	3.992%
85	12.636	1770	1774	1780	rBV4	575	1064	0.24%	0.032%
86	12.764	1788	1795	1800	rBV3	4111	6498	1.47%	0.194%
87	12.819	1800	1804	1811	rVB	9825	14572	3.29%	0.434%
88	13.117	1851	1853	1856	rBV2	991	718	0.16%	0.021%
89	13.172	1857	1862	1868	rBV3	13646	25941	5.85%	0.773%
90	13.276	1876	1879	1884	rVB4	1569	2068	0.47%	0.062%
91	13.343	1885	1890	1895	rBV2	4783	7657	1.73%	0.228%
92	13.422	1897	1903	1909	rBV	179769	272878	61.54%	8.127%
93	13.526	1916	1920	1928	rVB	11585	18157	4.10%	0.541%
94	13.721	1946	1952	1960	rBV	95976	151714	34.22%	4.518%
95	13.800	1962	1965	1971	rVB2	5862	9737	2.20%	0.290%
96	13.965	1987	1992	1998	rVB	12199	19340	4.36%	0.576%
97	14.062	2006	2008	2010	rBV3	687	529	0.12%	0.016%
98	14.105	2012	2015	2022	rVB5	3213	5275	1.19%	0.157%
99	14.952	2150	2154	2159	rBV4	2108	3516	0.79%	0.105%
100	15.233	2196	2200	2207	rVB	14410	25363	5.72%	0.755%

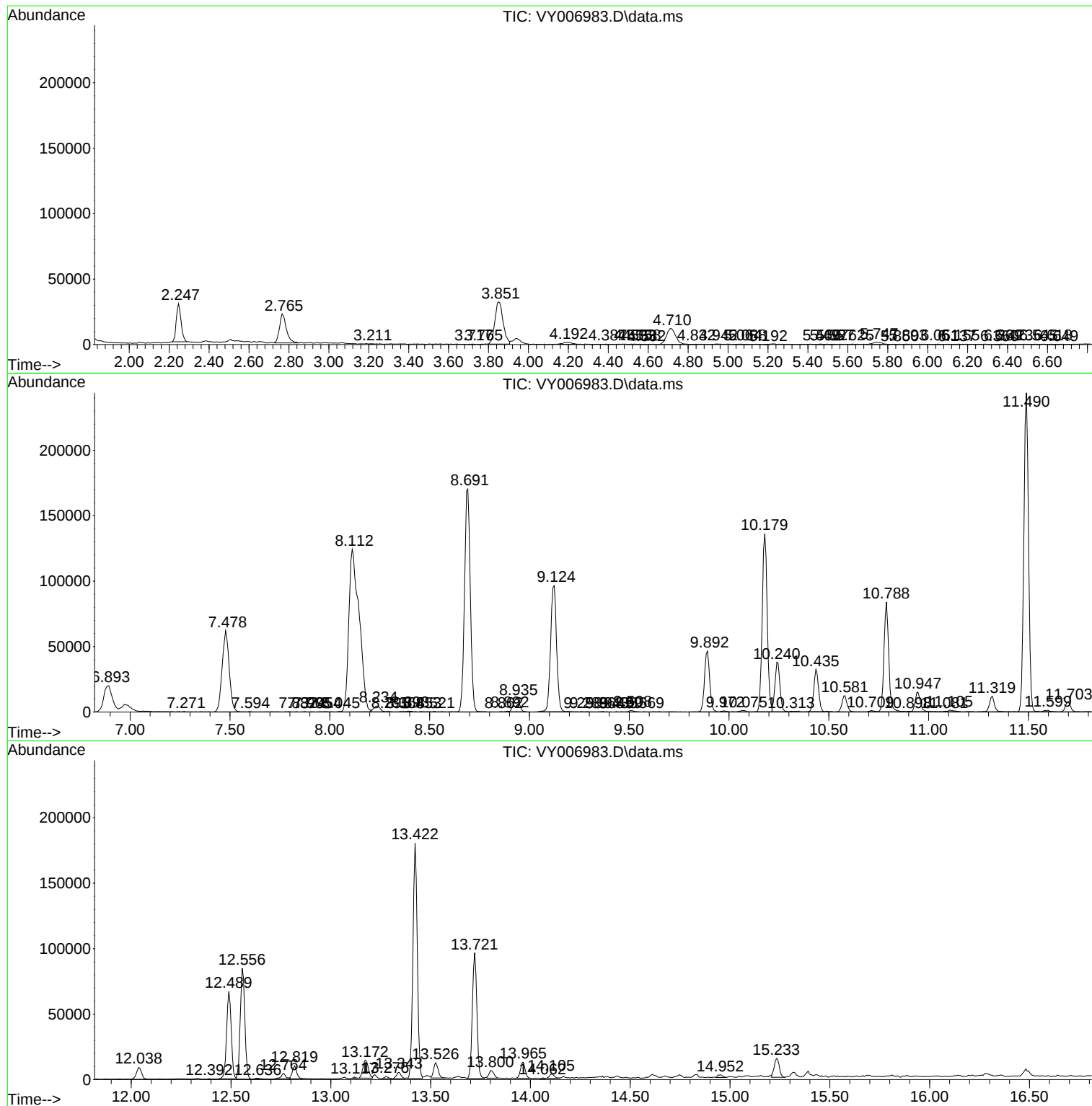
Sum of corrected areas: 3357857

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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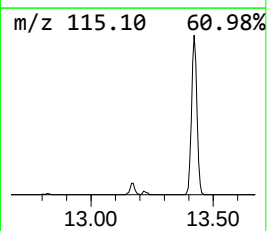
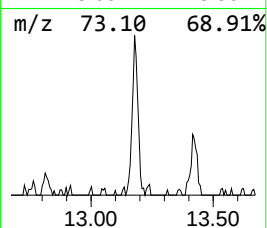
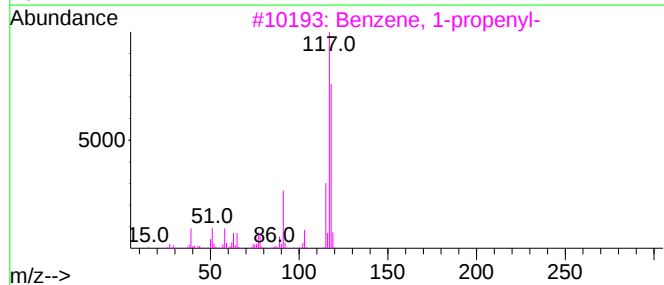
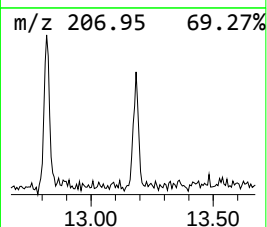
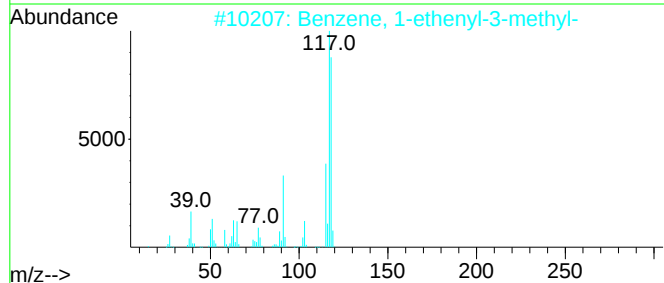
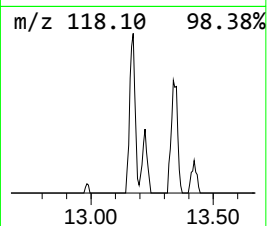
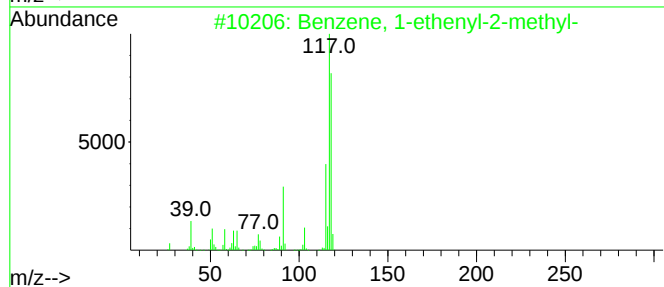
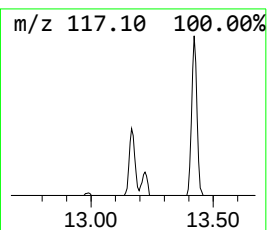
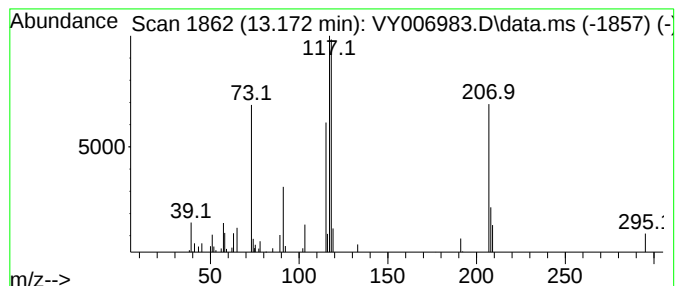
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.172	2.38 ug/L	25941	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	78
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70



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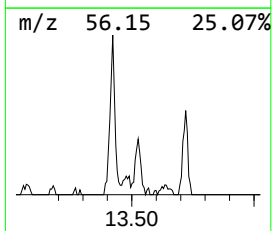
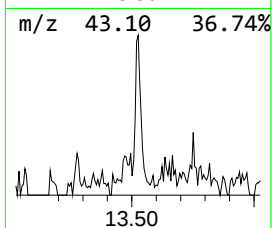
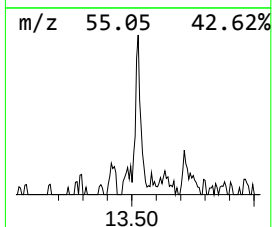
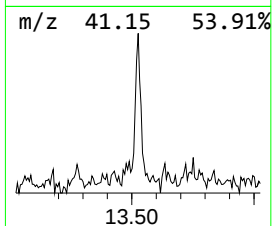
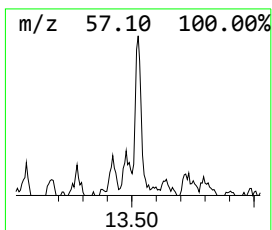
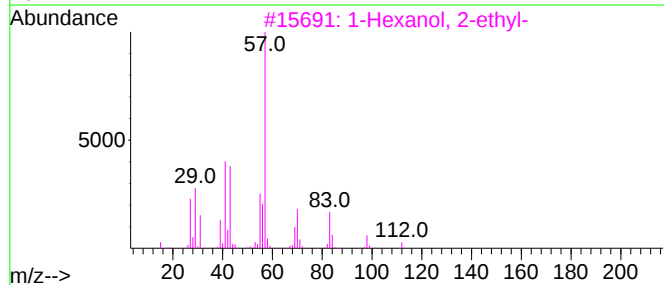
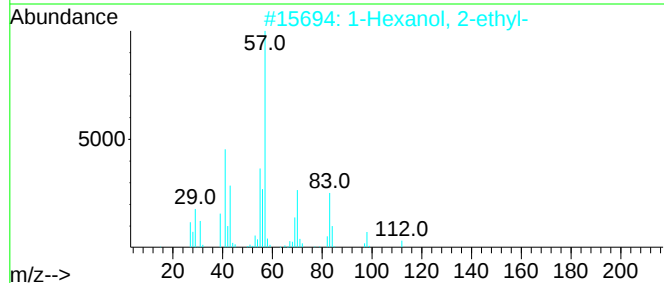
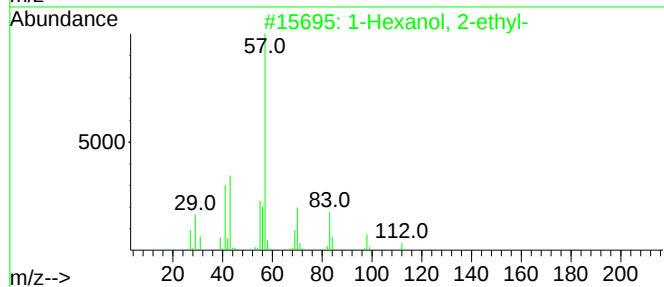
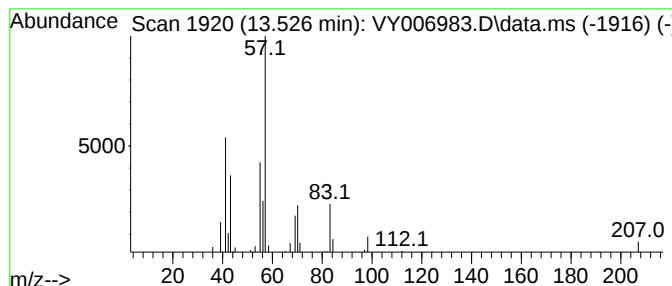
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	1.66 ug/L	18157	1,4-Dichlorobenzene-d4	13.422

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	64
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53



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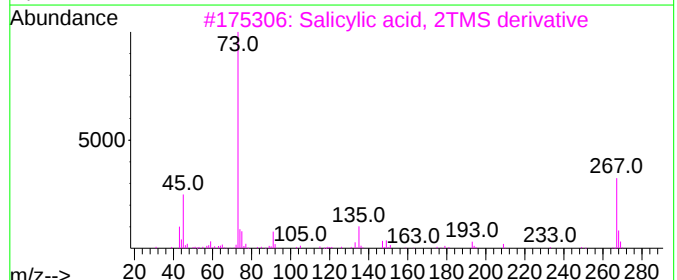
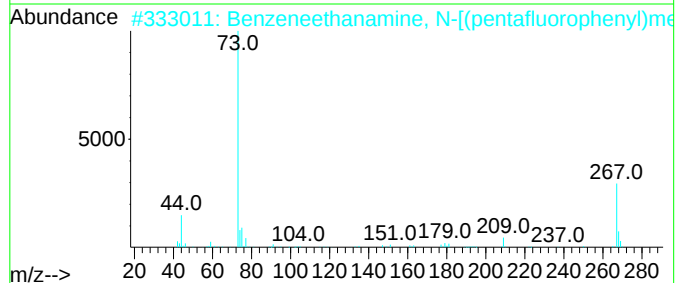
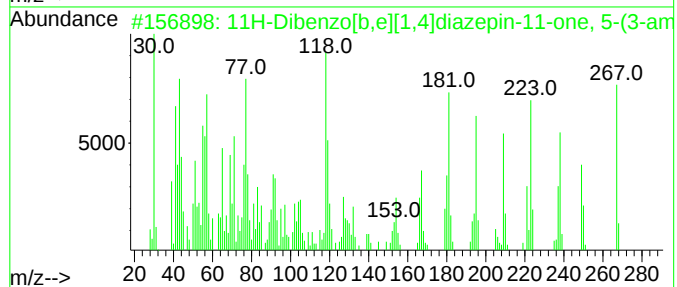
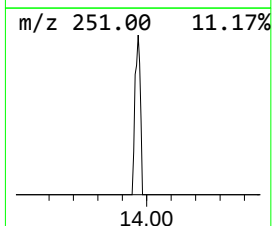
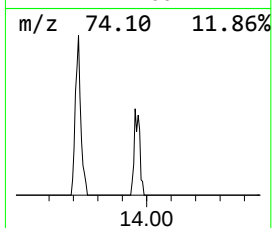
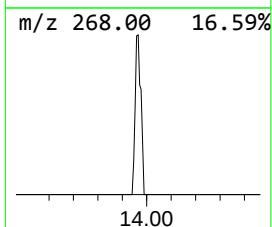
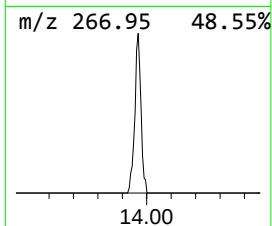
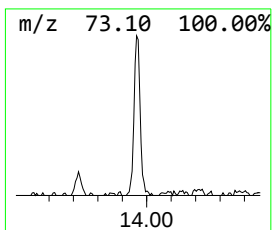
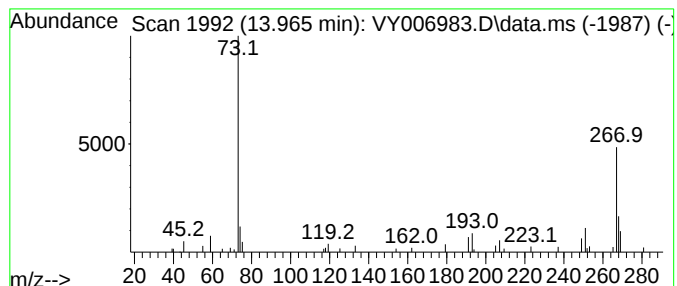
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	1.77 ug/L	19340	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46
2			Benzeneethanamine, N-[(pentaflu...	475	C21H26F5NO2Si2	055429-85-1	45
3			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	45
4			5-(3-Pyridinyl)-1,3,4-thiadiazol...	267	C10H13N3S2Si	1000471-43-6	38
5			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006983.D
Acq On : 07 Dec 2021 01:22
Operator : SY/MD
Sample : M4884-07RE
Misc : 4.48g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J3

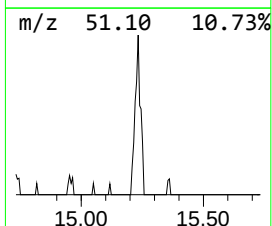
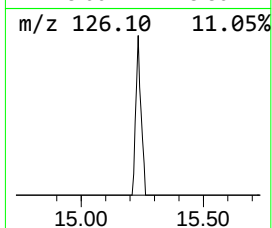
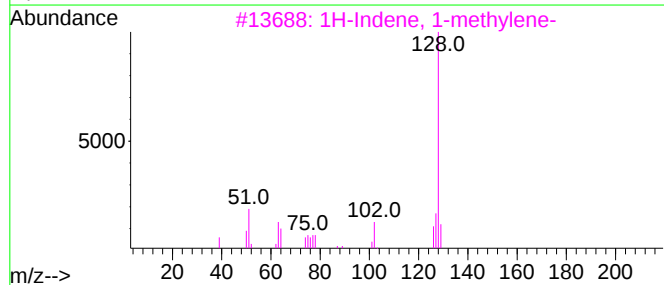
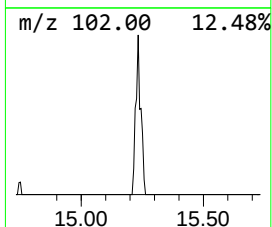
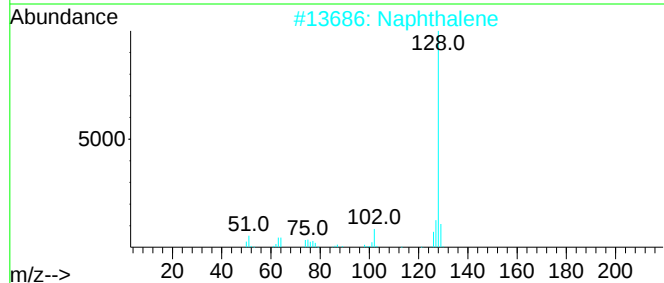
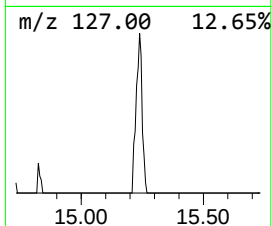
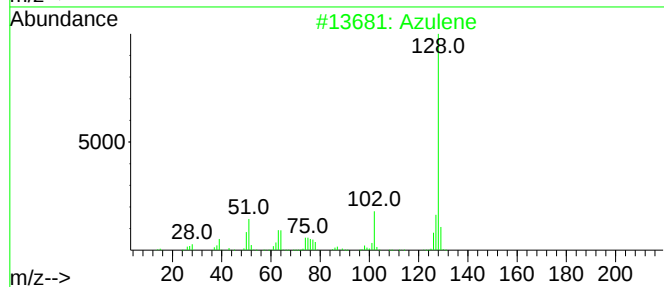
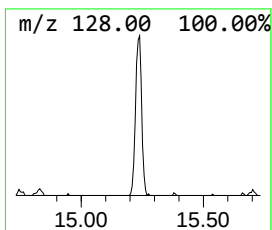
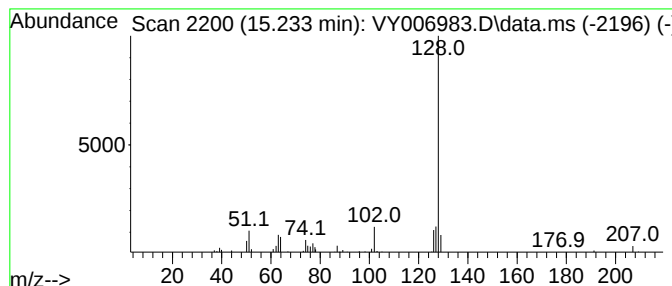
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	2.32 ug/L	25363	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Azulene	128	C10H8	000275-51-4	90
2		Naphthalene	128	C10H8	000091-20-3	90
3		1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
4		Azulene	128	C10H8	000275-51-4	87
5		Naphthalene	128	C10H8	000091-20-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006983.D
Acq On : 07 Dec 2021 01:22
Operator : SY/MD
Sample : M4884-07RE
Misc : 4.48g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J3

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
Benzene, 1-ethe...	13.172	2.4	ug/L	25941	3	13.422	272878	25.0
1-Hexanol, 2-et...	13.526	1.7	ug/L	18157	3	13.422	272878	25.0
unknown-01	13.965	1.8	ug/L	19340	3	13.422	272878	25.0
Azulene	15.233	2.3	ug/L	25363	3	13.422	272878	25.0