

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006935.D
 Acq On : 04 Dec 2021 12:52
 Operator : SY/MD
 Sample : M4884-05
 Misc : 5.67g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J1

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: VY006935.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	38747	67701	11.34%	1.340%
2	2.771	148	156	165	rBV3	25801	65591	10.98%	1.298%
3	3.137	214	216	218	rBV2	395	349	0.06%	0.007%
4	3.253	230	235	239	rBV4	761	1579	0.26%	0.031%
5	3.448	265	267	269	rVB2	292	191	0.03%	0.004%
6	3.521	276	279	284	rBV2	453	797	0.13%	0.016%
7	3.631	296	297	301	rBV	244	306	0.05%	0.006%
8	3.759	313	318	320	rVB2	348	458	0.08%	0.009%
9	3.850	320	333	347	rBV	65591	179189	30.00%	3.546%
10	4.045	364	365	368	rBV2	224	254	0.04%	0.005%
11	4.106	372	375	379	rBV2	212	404	0.07%	0.008%
12	4.198	383	390	399	rVV4	2310	6360	1.06%	0.126%
13	4.338	409	413	414	rBV	330	398	0.07%	0.008%
14	4.405	420	424	425	rBV	205	212	0.04%	0.004%
15	4.460	429	433	435	rBV2	297	403	0.07%	0.008%
16	4.533	443	445	448	rBV	380	364	0.06%	0.007%
17	4.612	454	458	461	rBV2	331	391	0.07%	0.008%
18	4.649	461	464	465	rBV	197	240	0.04%	0.005%
19	4.716	466	475	492	rVB3	10264	32743	5.48%	0.648%
20	4.911	503	507	508	rBV	488	638	0.11%	0.013%
21	5.003	520	522	525	rBV	198	263	0.04%	0.005%
22	5.094	536	537	542	rBV2	210	280	0.05%	0.006%
23	5.185	549	552	553	rVV2	243	295	0.05%	0.006%
24	5.222	556	558	564	rVB5	466	885	0.15%	0.018%
25	5.423	585	591	592	rBV	189	238	0.04%	0.005%
26	5.582	614	617	620	rVB2	147	181	0.03%	0.004%
27	5.624	622	624	627	rVB	200	183	0.03%	0.004%
28	5.667	630	631	633	rBV	258	177	0.03%	0.004%
29	5.691	633	635	637	rVB	226	200	0.03%	0.004%
30	5.746	637	644	645	rBV3	1630	3048	0.51%	0.060%
31	5.832	653	658	659	rBV	212	172	0.03%	0.003%
32	5.911	669	671	673	rBV2	220	233	0.04%	0.005%
33	5.947	676	677	680	rVB2	251	191	0.03%	0.004%
34	5.990	680	684	686	rBV	141	174	0.03%	0.003%
35	6.021	686	689	691	rBV	218	199	0.03%	0.004%
36	6.155	708	711	713	rBV2	281	308	0.05%	0.006%

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37	6.386	746	749	750	rVB	169	180	0.03%	0.004%
38	6.447	754	759	762	rBV2	286	580	0.10%	0.011%
39	6.527	770	772	775	rBV	219	266	0.04%	0.005%
40	6.661	792	794	797	rVB	223	238	0.04%	0.005%
41	6.710	799	802	804	rBV2	297	324	0.05%	0.006%
42	6.795	813	816	820	rVB2	416	623	0.10%	0.012%
43	6.892	821	832	841	rBV	26126	75717	12.68%	1.499%
44	7.478	919	928	942	rBV	98776	250380	41.92%	4.955%
45	7.703	961	965	972	rVB5	596	1243	0.21%	0.025%
46	7.783	976	978	984	rVB3	755	1374	0.23%	0.027%
47	7.837	984	987	988	rBV2	209	232	0.04%	0.005%
48	8.112	1019	1032	1048	rBV2	192270	597246	100.00%	11.820%
49	8.331	1067	1068	1076	rBV2	244	534	0.09%	0.011%
50	8.429	1079	1084	1086	rBV	432	475	0.08%	0.009%
51	8.447	1086	1087	1090	rBV2	217	207	0.03%	0.004%
52	8.630	1114	1117	1118	rBV2	212	235	0.04%	0.005%
53	8.691	1118	1127	1137	rVV	230078	453332	75.90%	8.972%
54	8.795	1142	1144	1147	rBV2	226	232	0.04%	0.005%
55	8.825	1147	1149	1153	rBV2	207	324	0.05%	0.006%
56	8.929	1161	1166	1172	rVB6	1410	2699	0.45%	0.053%
57	8.996	1172	1177	1180	rVB2	325	494	0.08%	0.010%
58	9.038	1180	1184	1187	rBV2	279	490	0.08%	0.010%
59	9.124	1187	1198	1206	rBV	135968	269174	45.07%	5.327%
60	9.313	1225	1229	1230	rVB	238	289	0.05%	0.006%
61	9.496	1256	1259	1260	rBV	1132	1014	0.17%	0.020%
62	9.672	1286	1288	1290	rBV	297	277	0.05%	0.005%
63	9.892	1317	1324	1333	rVB	81175	141636	23.71%	2.803%
64	9.965	1335	1336	1337	rBV	518	340	0.06%	0.007%
65	10.069	1347	1353	1357	rBV3	1501	2460	0.41%	0.049%
66	10.178	1364	1371	1378	rBV	257087	435025	72.84%	8.610%
67	10.245	1378	1382	1387	rVB2	6581	10753	1.80%	0.213%
68	10.441	1407	1414	1423	rVB	54359	96192	16.11%	1.904%
69	10.581	1431	1437	1445	rVV	31854	55873	9.36%	1.106%
70	10.642	1445	1447	1451	rVB4	774	768	0.13%	0.015%
71	10.721	1456	1460	1464	rVB4	1109	1383	0.23%	0.027%
72	10.788	1464	1471	1484	rBV	103498	164119	27.48%	3.248%
73	10.947	1491	1497	1506	rBV2	19639	34349	5.75%	0.680%
74	11.099	1519	1522	1523	rVB2	532	469	0.08%	0.009%
75	11.123	1523	1526	1528	rVV2	380	412	0.07%	0.008%
76	11.178	1532	1535	1536	rVB2	340	316	0.05%	0.006%

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77	11.197	1536	1538	1540	rBV	320	266	0.04%	0.005%
78	11.318	1552	1558	1568	rVB	25097	41394	6.93%	0.819%
79	11.428	1573	1576	1577	rBV2	366	362	0.06%	0.007%
80	11.489	1579	1586	1596	rVB	348678	552392	92.49%	10.933%
81	11.593	1598	1603	1606	rVB2	1388	1622	0.27%	0.032%
82	11.690	1616	1619	1620	rBV2	1466	1483	0.25%	0.029%
83	12.044	1670	1677	1681	rBV4	2071	4459	0.75%	0.088%
84	12.117	1686	1689	1691	rBV3	261	363	0.06%	0.007%
85	12.330	1720	1724	1728	rBV3	2742	5257	0.88%	0.104%
86	12.489	1745	1750	1756	rVB	125931	207210	34.69%	4.101%
87	12.562	1756	1762	1769	rVB	118473	192071	32.16%	3.801%
88	12.623	1770	1772	1775	rBV4	826	841	0.14%	0.017%
89	12.818	1798	1804	1811	rBV3	9274	17274	2.89%	0.342%
90	13.184	1859	1864	1871	rVB	11574	16927	2.83%	0.335%
91	13.282	1876	1880	1886	rVB4	2353	3881	0.65%	0.077%
92	13.422	1897	1903	1910	rBV	324802	514223	86.10%	10.177%
93	13.525	1917	1920	1926	rVB3	5386	7655	1.28%	0.152%
94	13.641	1936	1939	1942	rBV3	2210	3962	0.66%	0.078%
95	13.720	1946	1952	1960	rVB	239368	373474	62.53%	7.392%
96	13.964	1986	1992	1997	rBV2	14588	23309	3.90%	0.461%
97	15.232	2195	2200	2208	rVB	28396	46695	7.82%	0.924%
98	15.312	2210	2213	2219	rBV5	4386	7203	1.21%	0.143%
99	16.287	2369	2373	2381	rVB3	19128	36691	6.14%	0.726%
100	16.488	2402	2406	2413	rVB2	13563	25778	4.32%	0.510%

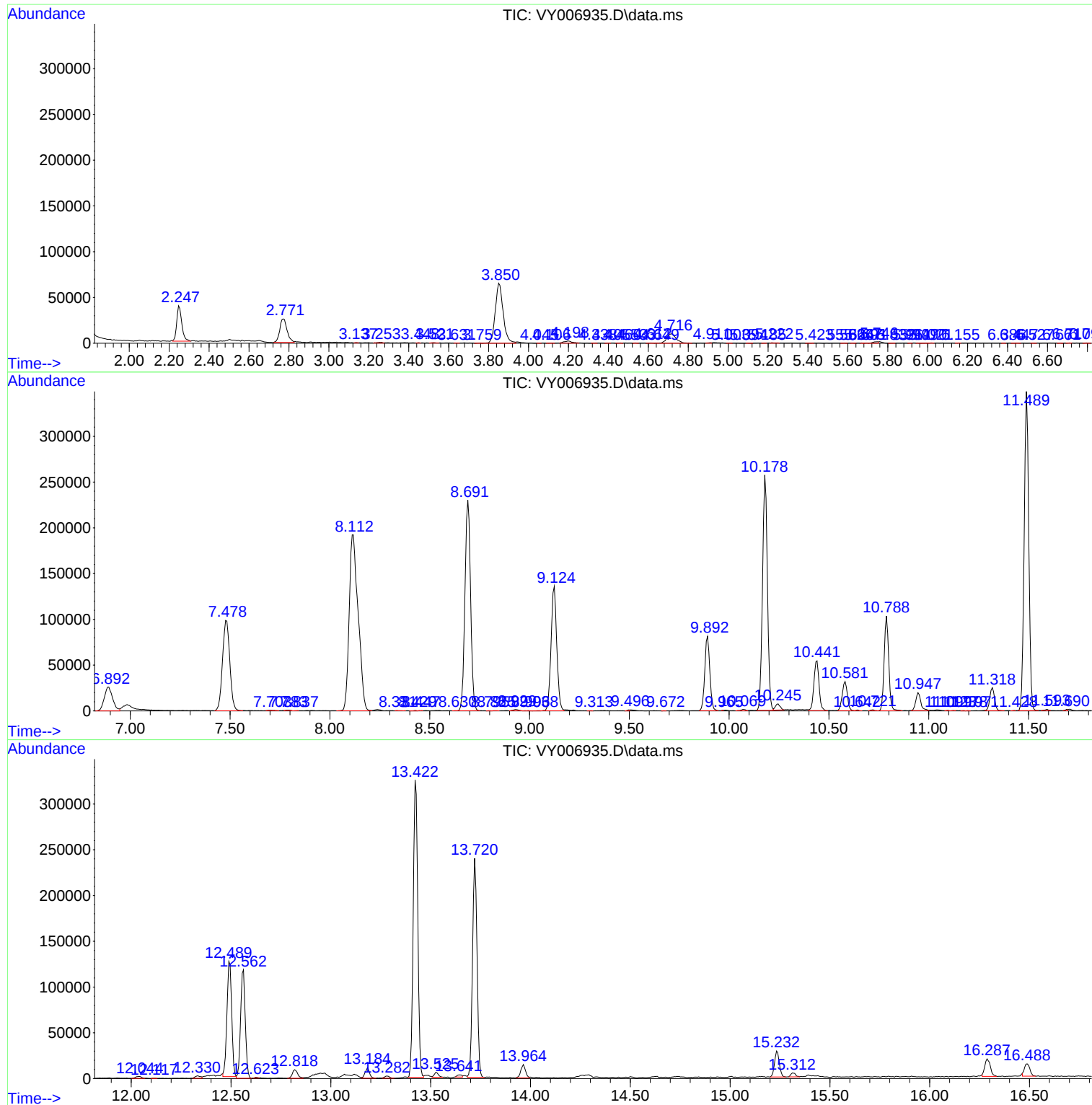
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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



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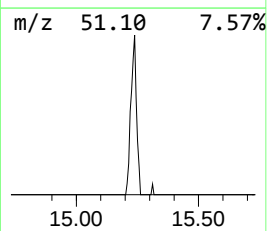
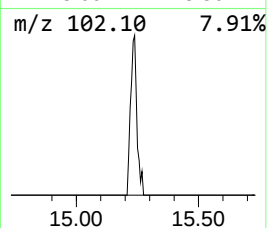
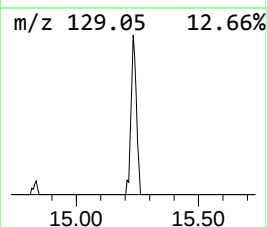
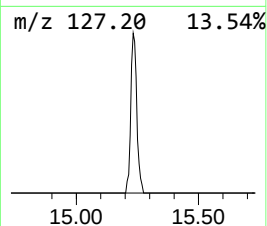
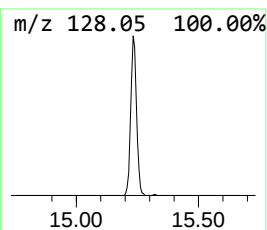
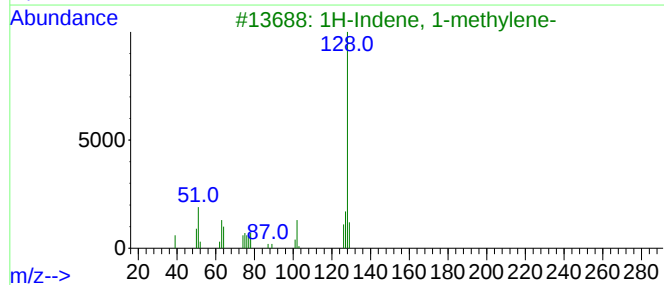
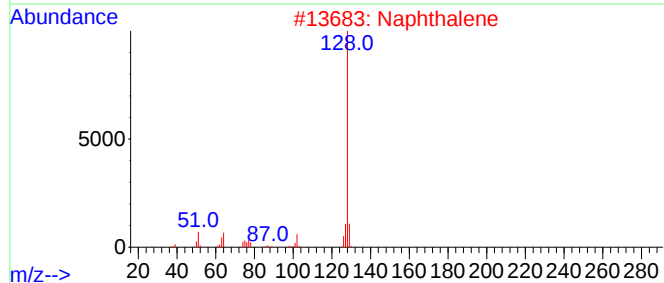
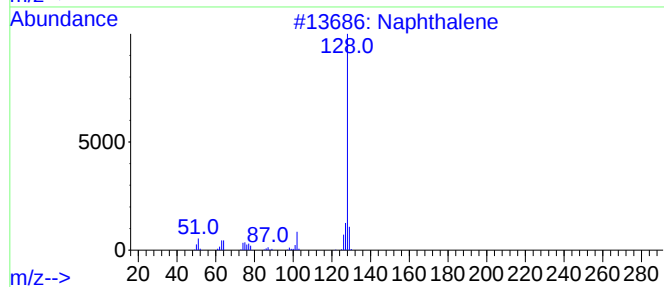
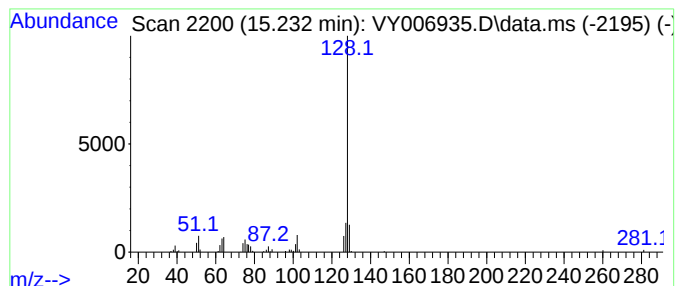
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.232	2.27 ug/L	46695	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Naphthalene	128	C10H8	000091-20-3	94
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



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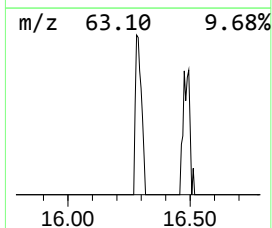
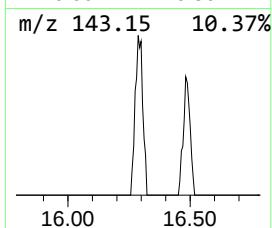
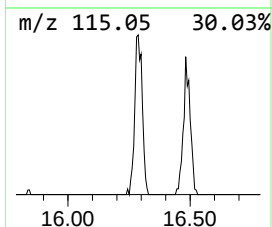
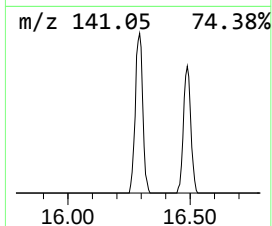
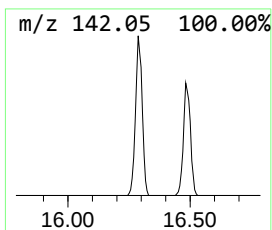
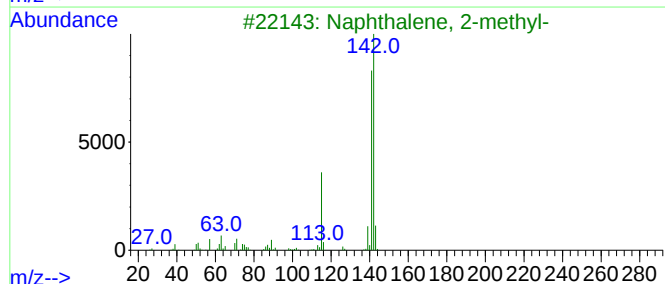
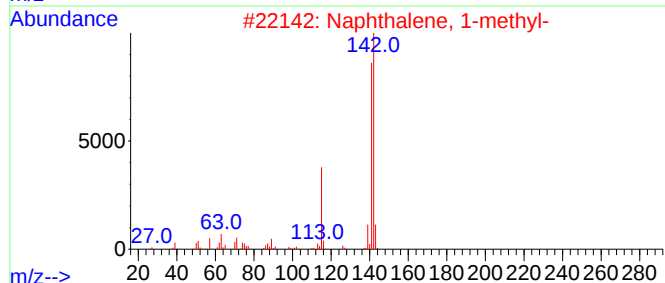
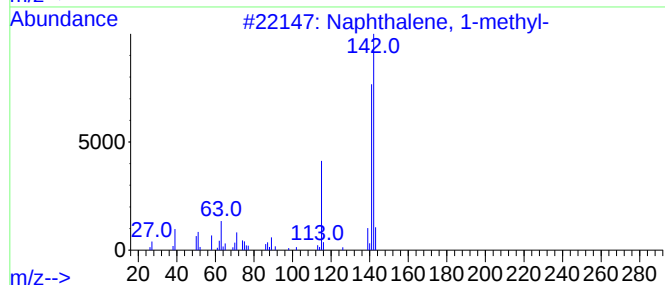
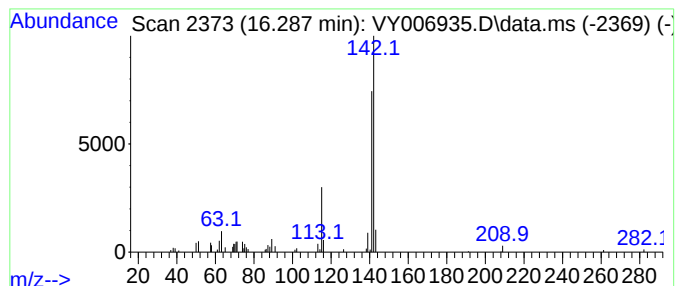
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	1.78 ug/L	36691	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



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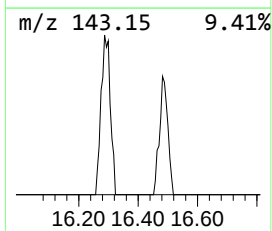
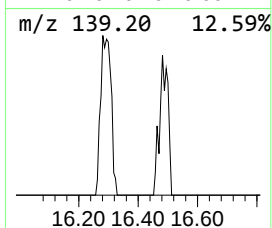
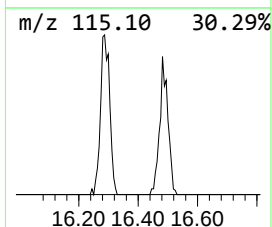
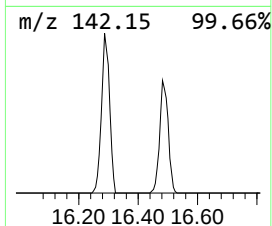
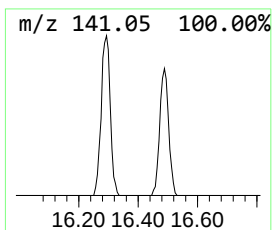
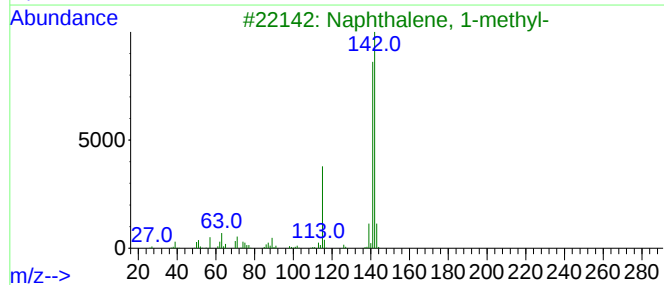
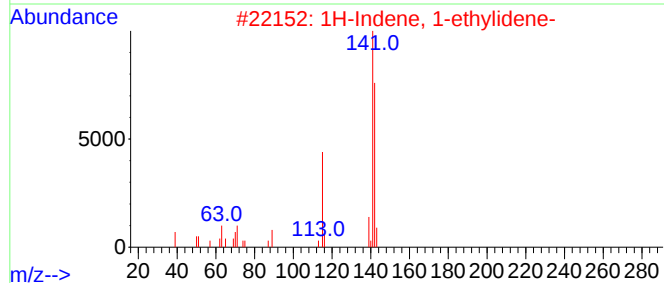
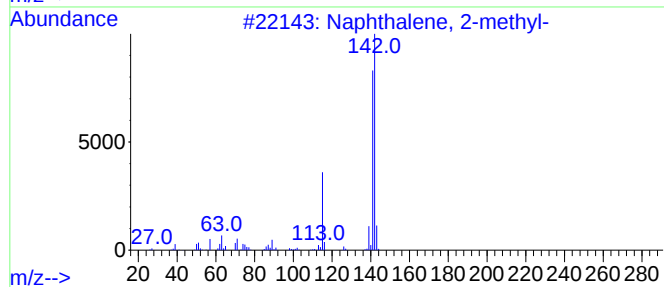
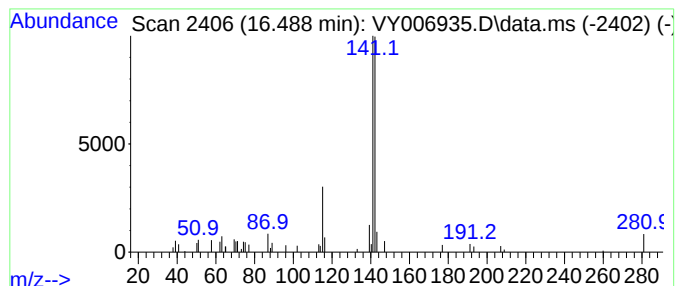
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	1.25 ug/L	25778	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
2			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006935.D
Acq On : 04 Dec 2021 12:52
Operator : SY/MD
Sample : M4884-05
Misc : 5.67g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J1

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
Azulene	15.232	2.3	ug/L	46695	3	13.422	514223	25.0
Naphthalene, 1-...	16.287	1.8	ug/L	36691	3	13.422	514223	25.0
Naphthalene, 2-...	16.488	1.3	ug/L	25778	3	13.422	514223	25.0