

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021044.D
 Acq On : 02 Dec 2021 14:00
 Operator : SY/VA
 Sample : M4886-04
 Misc : 4.91g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9N0

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_W\Method\SFAMWLM111521SMA.M
 Title : SFAM01.0

Signal : TIC: VW021044.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	81	rVB	24934	39543	12.88%	1.682%
2	2.879	154	160	168	rBV	14666	30926	10.08%	1.316%
3	4.019	336	347	360	rBV3	29002	85805	27.96%	3.650%
4	4.135	360	366	367	rBV3	405	820	0.27%	0.035%
5	4.263	382	387	394	rBV3	282	621	0.20%	0.026%
6	4.391	403	408	414	rBV3	672	1495	0.49%	0.064%
7	4.836	480	481	484	rBV	127	143	0.05%	0.006%
8	4.915	484	494	506	rVV2	3972	12924	4.21%	0.550%
9	5.123	527	528	532	rBV	157	225	0.07%	0.010%
10	5.281	550	554	557	rBV	141	260	0.08%	0.011%
11	5.434	573	579	580	rBV2	161	295	0.10%	0.013%
12	5.678	615	619	621	rBV	148	175	0.06%	0.007%
13	5.757	629	632	635	rBV	152	210	0.07%	0.009%
14	5.940	651	662	669	rBB5	915	2804	0.91%	0.119%
15	6.336	725	727	729	rBV	148	147	0.05%	0.006%
16	6.531	757	759	762	rBV	170	185	0.06%	0.008%
17	6.805	802	804	806	rBV	159	155	0.05%	0.007%
18	6.970	828	831	833	rBV	161	197	0.06%	0.008%
19	7.080	839	849	854	rBV	9890	27270	8.89%	1.160%
20	7.305	882	886	889	rBV	113	193	0.06%	0.008%
21	7.385	897	899	901	rBV	155	158	0.05%	0.007%
22	7.647	932	942	956	rVB	54720	133827	43.61%	5.693%
23	7.951	989	992	997	rVB2	225	386	0.13%	0.016%
24	8.275	1034	1045	1061	rBV2	97804	306896	100.00%	13.055%
25	8.397	1061	1065	1071	rVV3	1935	4185	1.36%	0.178%
26	8.842	1130	1138	1146	rBV	116298	228067	74.31%	9.701%
27	9.092	1173	1179	1186	rVB3	1291	2441	0.80%	0.104%
28	9.220	1197	1200	1201	rBV	270	254	0.08%	0.011%
29	9.274	1201	1209	1216	rBV	71587	143309	46.70%	6.096%
30	9.659	1268	1272	1276	rVB2	417	611	0.20%	0.026%
31	9.890	1306	1310	1313	rVV2	100	152	0.05%	0.006%
32	10.036	1327	1334	1342	rBV	32970	60167	19.61%	2.559%
33	10.128	1347	1349	1352	rVV	175	154	0.05%	0.007%
34	10.213	1359	1363	1366	rVV2	291	380	0.12%	0.016%
35	10.323	1373	1381	1387	rBV	128742	224530	73.16%	9.551%
36	10.384	1387	1391	1401	rVB	7755	13632	4.44%	0.580%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Title : SFAM01.0

37	10.579	1417	1423	1430	rVV	19391	33635	10.96%	1.431%
38	10.701	1438	1443	1450	rVV	3935	6766	2.20%	0.288%
39	10.860	1467	1469	1472	rVB2	504	540	0.18%	0.023%
40	10.920	1473	1479	1489	rBV	38611	65217	21.25%	2.774%
41	11.061	1498	1502	1510	rVB	2906	4473	1.46%	0.190%
42	11.170	1518	1520	1525	rVV2	185	221	0.07%	0.009%
43	11.231	1527	1530	1532	rVV	174	182	0.06%	0.008%
44	11.439	1558	1564	1568	rVB	3033	4600	1.50%	0.196%
45	11.628	1588	1595	1603	rBV	133884	232261	75.68%	9.880%
46	11.725	1607	1611	1617	rBV2	1551	2185	0.71%	0.093%
47	11.835	1622	1629	1635	rBV	5134	9263	3.02%	0.394%
48	12.164	1678	1683	1689	rVB2	3483	5702	1.86%	0.243%
49	12.457	1729	1731	1736	rBV	641	744	0.24%	0.032%
50	12.542	1743	1745	1748	rVB	161	142	0.05%	0.006%
51	12.603	1749	1755	1763	rBB2	10681	17593	5.73%	0.748%
52	12.688	1763	1769	1776	rBB	54723	91266	29.74%	3.882%
53	12.804	1783	1788	1792	rVB2	676	1052	0.34%	0.045%
54	12.865	1793	1798	1801	rBV2	586	1000	0.33%	0.043%
55	12.896	1801	1803	1806	rVV2	398	376	0.12%	0.016%
56	12.938	1806	1810	1816	rVB3	2707	4612	1.50%	0.196%
57	13.109	1832	1838	1843	rVB2	503	947	0.31%	0.040%
58	13.170	1843	1848	1849	rBV	133	197	0.06%	0.008%
59	13.188	1849	1851	1852	rVV	263	178	0.06%	0.008%
60	13.249	1855	1861	1865	rVV2	3249	5079	1.65%	0.216%
61	13.292	1865	1868	1872	rVV	1705	2325	0.76%	0.099%
62	13.402	1880	1886	1887	rVV3	344	580	0.19%	0.025%
63	13.438	1890	1892	1895	rVB2	420	430	0.14%	0.018%
64	13.481	1895	1899	1905	rBV2	297	644	0.21%	0.027%
65	13.554	1905	1911	1923	rVV	111266	177162	57.73%	7.536%
66	13.652	1923	1927	1932	rVB2	750	1239	0.40%	0.053%
67	13.755	1938	1944	1945	rBV2	667	867	0.28%	0.037%
68	13.786	1945	1949	1953	rVV	2544	3674	1.20%	0.156%
69	13.853	1953	1960	1971	rVV	87784	145884	47.54%	6.206%
70	13.938	1971	1974	1981	rVB5	383	886	0.29%	0.038%
71	14.011	1981	1986	1988	rBV3	1239	1949	0.64%	0.083%
72	14.066	1991	1995	2006	rVB2	6053	11127	3.63%	0.473%
73	14.200	2012	2017	2021	rBV5	889	1427	0.46%	0.061%
74	14.334	2032	2039	2045	rBV3	789	1261	0.41%	0.054%
75	14.414	2048	2052	2056	rVV	5173	8526	2.78%	0.363%
76	14.450	2056	2058	2063	rVV	4762	6648	2.17%	0.283%

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77	14.499	2063	2066	2070	rVV6	1304	1736	0.57%	0.074%
78	14.536	2070	2072	2075	rVB3	401	346	0.11%	0.015%
79	14.688	2094	2097	2098	rBV	510	615	0.20%	0.026%
80	14.719	2098	2102	2106	rVB4	3207	4401	1.43%	0.187%
81	14.792	2108	2114	2120	rBV4	5003	10213	3.33%	0.434%
82	14.895	2130	2131	2134	rBV2	199	225	0.07%	0.010%
83	14.975	2139	2144	2148	rBV4	279	659	0.21%	0.028%
84	15.060	2153	2158	2171	rVB2	3689	6888	2.24%	0.293%
85	15.170	2171	2176	2182	rBV3	1763	2674	0.87%	0.114%
86	15.237	2185	2187	2189	rBV2	426	547	0.18%	0.023%
87	15.273	2189	2193	2197	rBV3	1705	2891	0.94%	0.123%
88	15.365	2202	2208	2214	rVB2	17353	31108	10.14%	1.323%
89	15.438	2214	2220	2223	rBV2	4902	8163	2.66%	0.347%
90	15.651	2251	2255	2260	rVB3	1373	1890	0.62%	0.080%
91	15.761	2270	2273	2276	rBV4	312	349	0.11%	0.015%
92	15.792	2276	2278	2279	rBV	355	294	0.10%	0.013%
93	15.913	2296	2298	2299	rBV	178	137	0.04%	0.006%
94	15.950	2299	2304	2309	rVB5	811	1382	0.45%	0.059%
95	16.267	2351	2356	2362	rVB6	924	1966	0.64%	0.084%
96	16.334	2364	2367	2368	rBV2	609	771	0.25%	0.033%
97	16.432	2377	2383	2390	rBV	17648	34973	11.40%	1.488%
98	16.560	2402	2404	2405	rBV2	367	201	0.07%	0.009%
99	16.639	2409	2417	2425	rVB	28749	61750	20.12%	2.627%
100	16.773	2435	2439	2440	rBV2	179	263	0.09%	0.011%

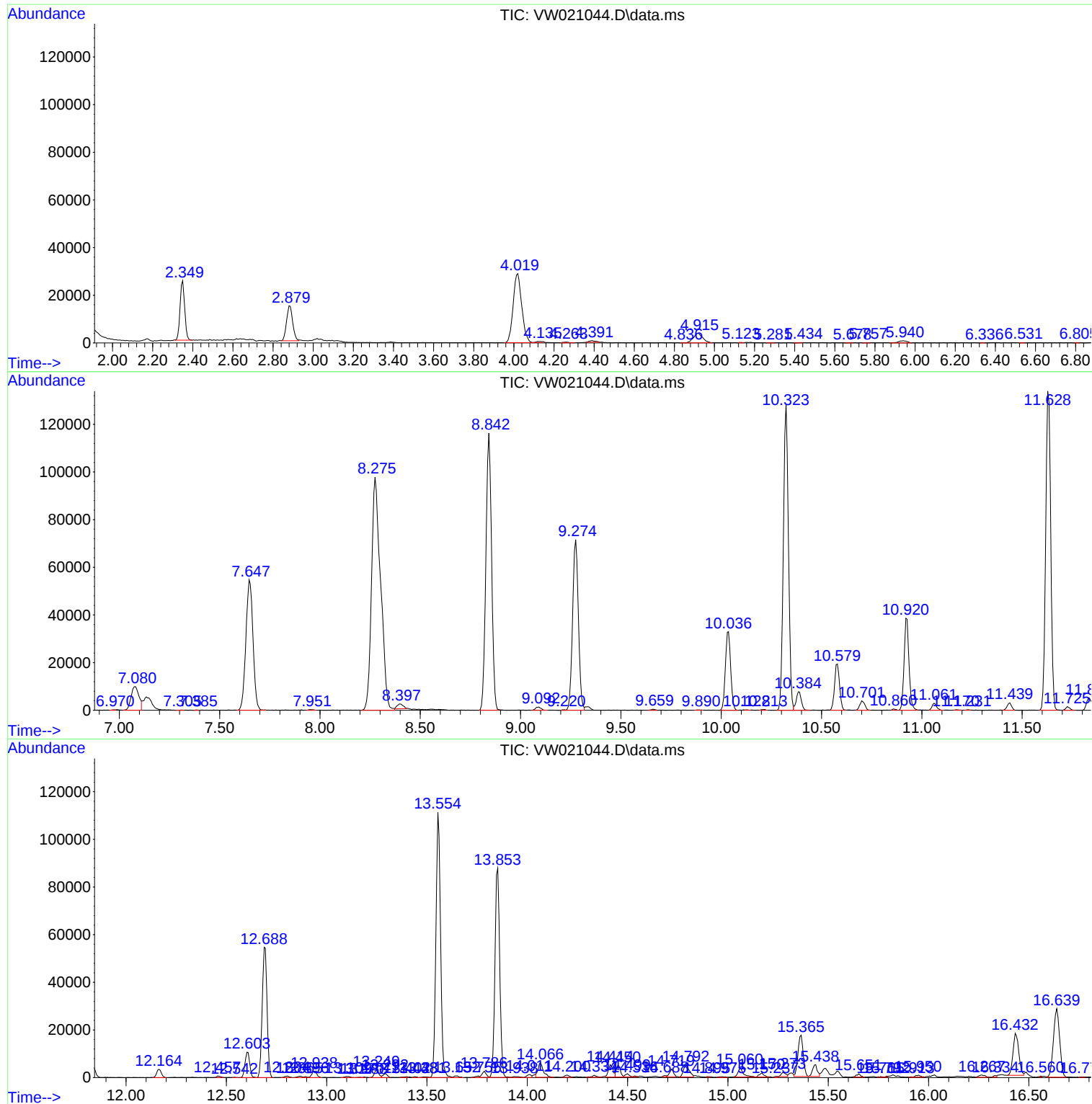
Sum of corrected areas: 2350844

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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



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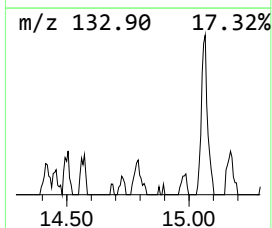
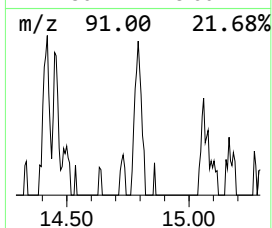
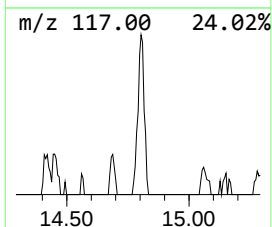
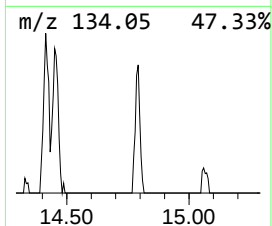
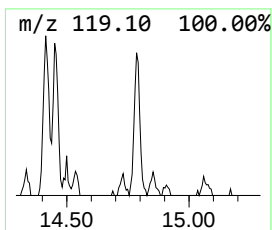
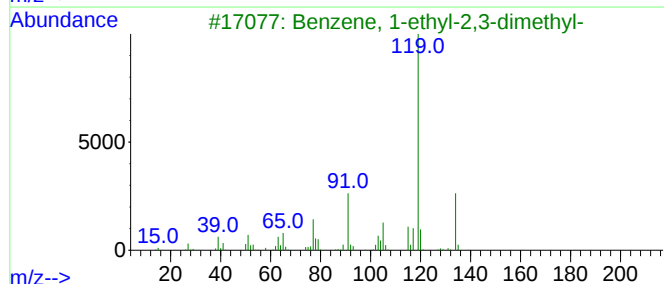
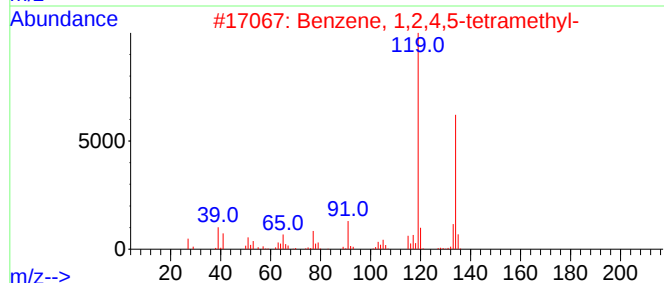
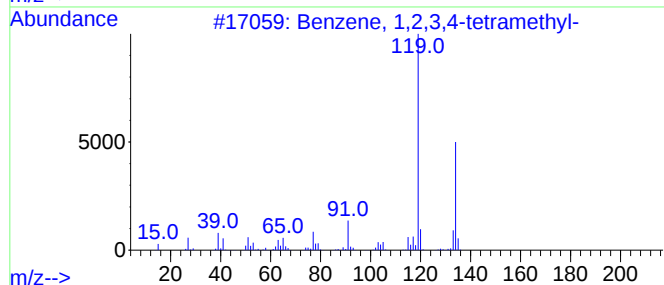
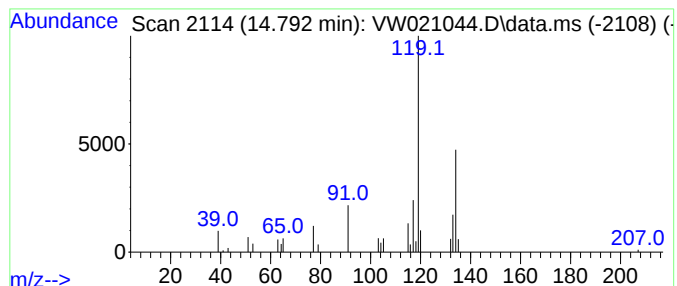
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	1.44 ug/L	10213	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87



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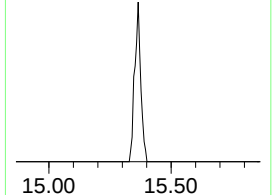
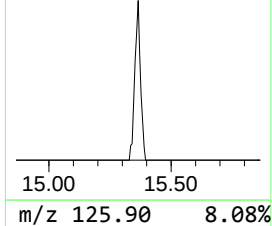
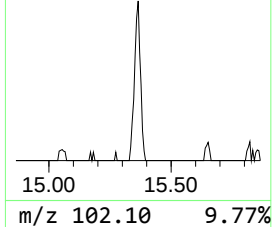
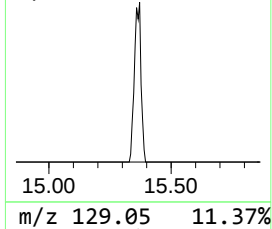
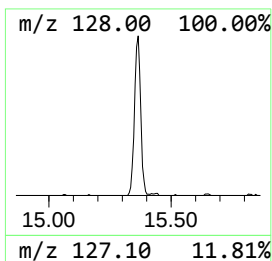
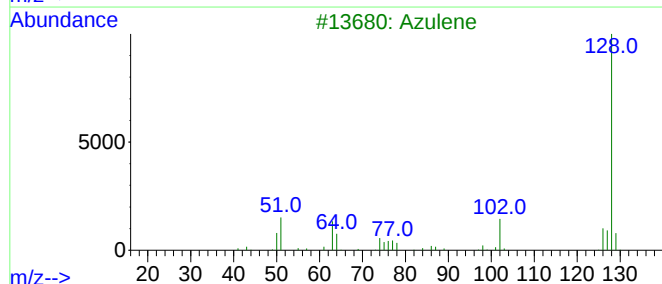
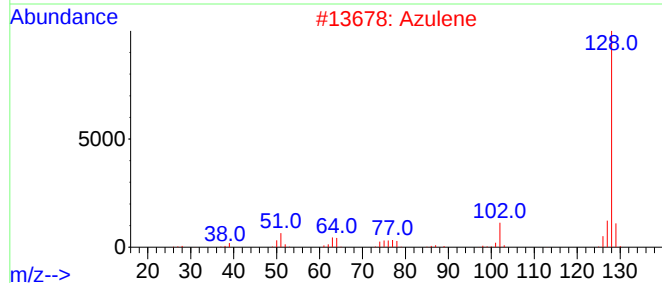
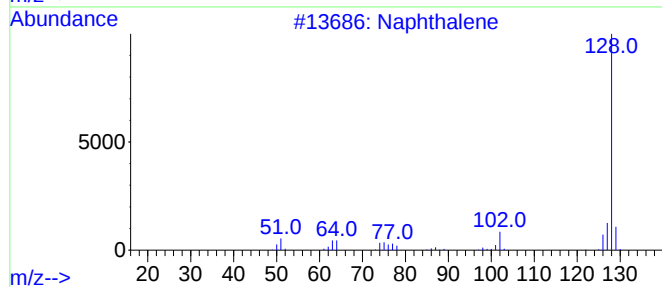
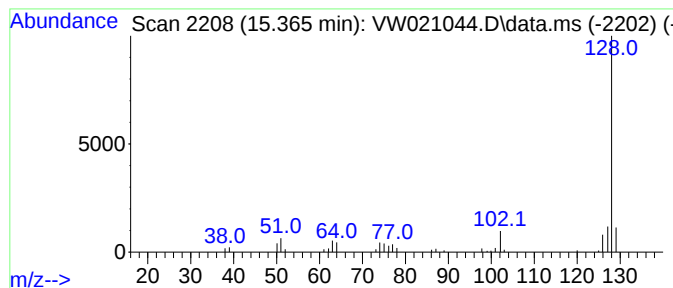
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	4.39 ug/L	31108	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene			128	C10H8	000091-20-3	95
2	Azulene			128	C10H8	000275-51-4	94
3	Azulene			128	C10H8	000275-51-4	91
4	Azulene			128	C10H8	000275-51-4	91
5	Naphthalene			128	C10H8	000091-20-3	90



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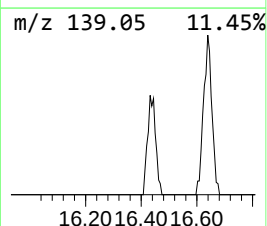
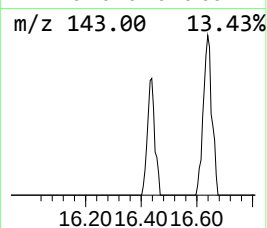
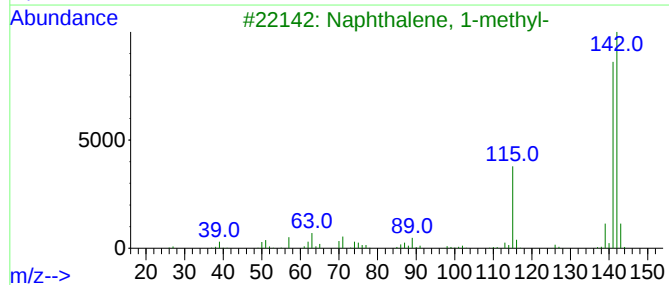
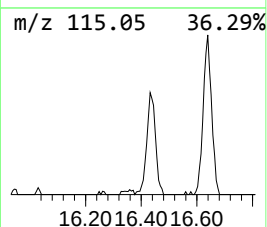
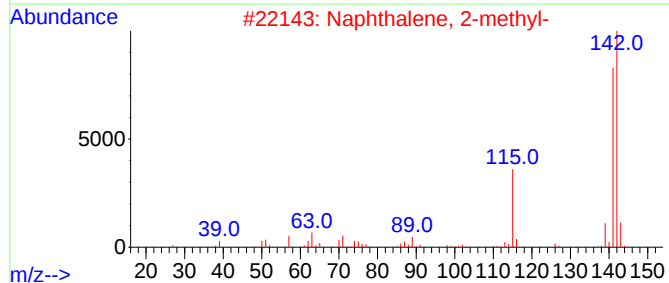
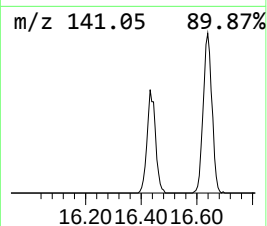
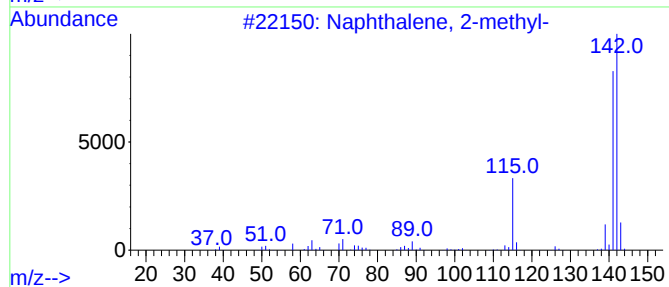
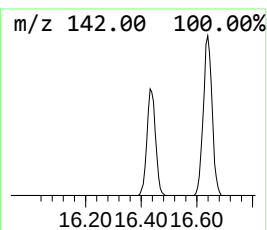
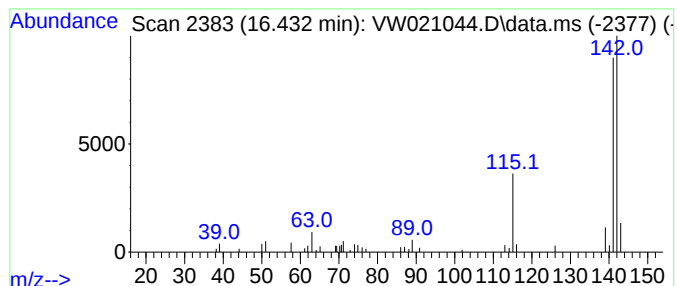
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	4.94 ug/L	34973	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021044.D
Acq On : 02 Dec 2021 14:00
Operator : SY/VA
Sample : M4886-04
Misc : 4.91g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9N0

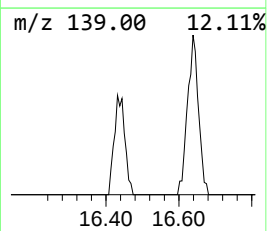
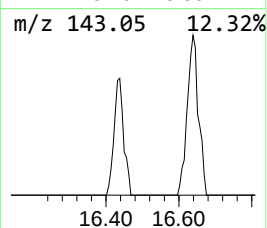
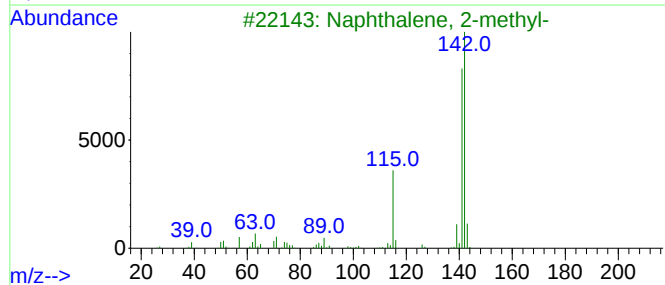
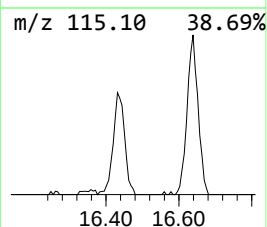
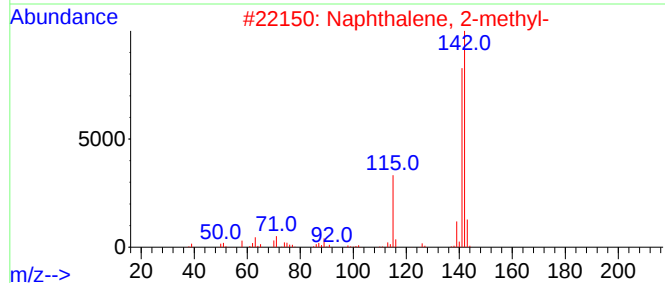
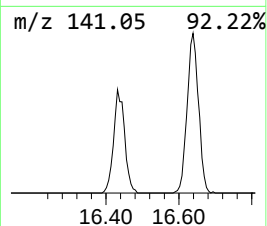
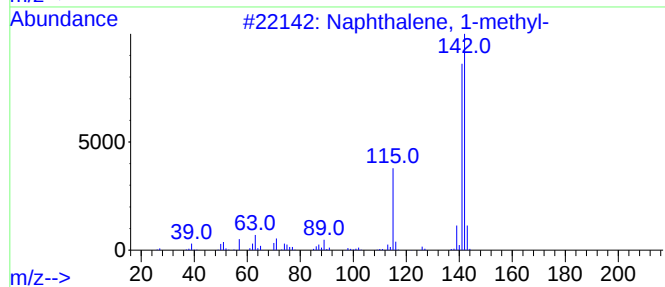
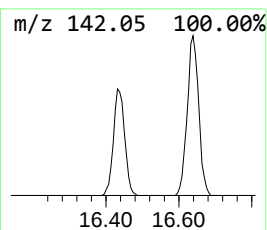
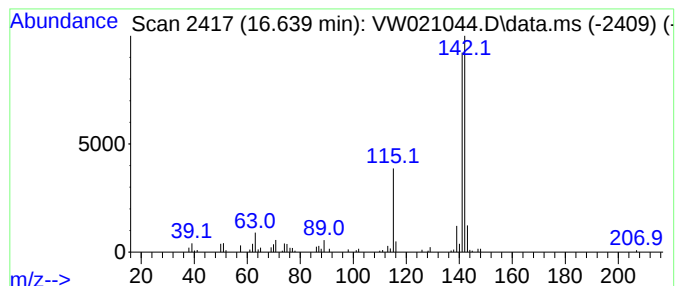
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	8.71 ug/L	61750	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Benzocycloheptatriene	142	C11H10	000264-09-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021044.D
Acq On : 02 Dec 2021 14:00
Operator : SY/VA
Sample : M4886-04
Misc : 4.91g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9N0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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, 1,2,3,...	14.792	1.4	ug/L	10213	3	13.554	177162	25.0
Azulene	15.365	4.4	ug/L	31108	3	13.554	177162	25.0
Naphthalene, 2-...	16.432	4.9	ug/L	34973	3	13.554	177162	25.0
Naphthalene, 1-...	16.639	8.7	ug/L	61750	3	13.554	177162	25.0