

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
 Data File : VW029133.D
 Acq On : 13 Jun 2024 18:29
 Operator : SY/MD
 Sample : P2870-06
 Misc : 3.98g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA7

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\SFAMWLM060324SMA.M
 Title : SFAM01.0

Signal : TIC: VW029133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	71	78	91	rVB	72660	161688	13.73%	1.955%
2	2.899	158	166	180	rBV	54359	154590	13.13%	1.869%
3	3.283	227	229	230	rBV	1069	1044	0.09%	0.013%
4	3.308	230	233	235	rVB4	1370	1627	0.14%	0.020%
5	3.387	243	246	248	rBV4	1484	2170	0.18%	0.026%
6	3.612	281	283	288	rVB6	1065	1574	0.13%	0.019%
7	3.661	288	291	292	rBV3	1168	1105	0.09%	0.013%
8	3.740	299	304	305	rBV5	878	1246	0.11%	0.015%
9	3.856	321	323	331	rVB8	1468	2495	0.21%	0.030%
10	4.021	335	350	363	rBV	126979	371373	31.54%	4.491%
11	4.204	378	380	383	rVB4	903	1102	0.09%	0.013%
12	4.405	411	413	415	rVV3	915	812	0.07%	0.010%
13	4.509	427	430	433	rBV4	1061	1696	0.14%	0.021%
14	4.618	442	448	451	rVV4	1959	4722	0.40%	0.057%
15	4.710	461	463	467	rVB4	843	986	0.08%	0.012%
16	4.759	467	471	472	rBV3	1028	916	0.08%	0.011%
17	4.789	472	476	478	rBV2	1050	1153	0.10%	0.014%
18	4.917	484	497	510	rBV2	40012	135393	11.50%	1.637%
19	5.124	527	531	533	rBV4	827	1042	0.09%	0.013%
20	5.356	566	569	570	rBV3	1005	882	0.07%	0.011%
21	5.429	579	581	582	rBV2	875	836	0.07%	0.010%
22	5.703	624	626	629	rBV4	949	1175	0.10%	0.014%
23	5.789	638	640	642	rVB3	1012	815	0.07%	0.010%
24	5.874	651	654	655	rBV3	981	875	0.07%	0.011%
25	5.941	657	665	677	rVB3	14037	43835	3.72%	0.530%
26	6.051	677	683	684	rBV6	877	1068	0.09%	0.013%
27	6.661	778	783	784	rBV4	1205	1375	0.12%	0.017%
28	6.746	792	797	799	rBV5	857	1752	0.15%	0.021%
29	6.996	834	838	841	rVV5	614	1080	0.09%	0.013%
30	7.075	843	851	873	rBV3	24305	98003	8.32%	1.185%
31	7.313	888	890	896	rVB7	928	1161	0.10%	0.014%
32	7.429	906	909	911	rBV4	667	817	0.07%	0.010%
33	7.532	923	926	928	rBV4	568	811	0.07%	0.010%
34	7.648	935	945	956	rBV	209089	516920	43.90%	6.251%
35	7.770	963	965	968	rVB4	946	963	0.08%	0.012%
36	7.965	990	997	1001	rVB7	1187	2642	0.22%	0.032%

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 Title : SFAM01.0

37	8.002	1001	1003	1006	rBV4	934	1125	0.10%	0.014%
38	8.087	1012	1017	1020	rBV7	837	1324	0.11%	0.016%
39	8.276	1037	1048	1067	rBV2	400401	1177411	100.00%	14.239%
40	8.526	1087	1089	1091	rVV3	1113	962	0.08%	0.012%
41	8.605	1101	1102	1107	rVB5	963	1111	0.09%	0.013%
42	8.703	1116	1118	1123	rVB4	732	830	0.07%	0.010%
43	8.843	1132	1141	1151	rBV	371905	749727	63.68%	9.067%
44	9.020	1168	1170	1175	rBV5	850	956	0.08%	0.012%
45	9.130	1187	1188	1192	rVB4	967	1040	0.09%	0.013%
46	9.276	1202	1212	1223	rBV	283740	587933	49.93%	7.110%
47	9.599	1261	1265	1267	rVB4	809	990	0.08%	0.012%
48	9.672	1269	1277	1279	rBV8	1345	2861	0.24%	0.035%
49	9.794	1294	1297	1299	rVB4	908	983	0.08%	0.012%
50	9.916	1314	1317	1319	rBV3	656	839	0.07%	0.010%
51	10.032	1327	1336	1345	rBV	104468	196508	16.69%	2.376%
52	10.136	1351	1353	1357	rVB4	1457	1396	0.12%	0.017%
53	10.325	1372	1384	1392	rBV	479502	853928	72.53%	10.327%
54	10.416	1398	1399	1407	rVB8	1811	2665	0.23%	0.032%
55	10.526	1415	1417	1419	rBV3	1095	1159	0.10%	0.014%
56	10.575	1419	1425	1435	rVV	65366	118000	10.02%	1.427%
57	10.703	1441	1446	1451	rVB2	5538	10717	0.91%	0.130%
58	10.788	1457	1460	1463	rVB4	977	1386	0.12%	0.017%
59	10.922	1475	1482	1495	rBV	69408	133643	11.35%	1.616%
60	11.026	1497	1499	1501	rVB2	1742	1478	0.13%	0.018%
61	11.520	1577	1580	1583	rVB5	1082	1451	0.12%	0.018%
62	11.629	1589	1598	1605	rBV	464286	773212	65.67%	9.351%
63	11.721	1611	1613	1614	rBV2	1391	1096	0.09%	0.013%
64	11.812	1626	1628	1630	rBV3	1003	1026	0.09%	0.012%
65	12.001	1658	1659	1662	rVB3	1089	888	0.08%	0.011%
66	12.080	1662	1672	1673	rBV8	2374	5414	0.46%	0.065%
67	12.239	1673	1698	1721	rVV7	74341	542050	46.04%	6.555%
68	12.599	1753	1757	1764	rVB4	7345	12972	1.10%	0.157%
69	12.690	1765	1772	1779	rBV	176268	289983	24.63%	3.507%
70	12.867	1798	1801	1802	rBV3	1244	1569	0.13%	0.019%
71	12.916	1804	1809	1810	rBV5	2913	4340	0.37%	0.052%
72	13.111	1837	1841	1844	rBV6	1182	2118	0.18%	0.026%
73	13.153	1844	1848	1851	rVV6	1819	3513	0.30%	0.042%
74	13.208	1854	1857	1859	rBV4	1768	2040	0.17%	0.025%
75	13.306	1866	1873	1875	rBV8	4750	9641	0.82%	0.117%
76	13.556	1907	1914	1932	rBV	292059	539184	45.79%	6.521%

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 Title : SFAM01.0

77	13.848	1949	1962	1976	rVB	294377	572617	48.63%	6.925%
78	14.062	1993	1997	2001	rVB	6090	8930	0.76%	0.108%
79	14.171	2008	2015	2019	rBV9	5912	14777	1.26%	0.179%
80	14.440	2051	2059	2068	rVB9	13371	42228	3.59%	0.511%
81	14.793	2114	2117	2118	rBV3	1032	1259	0.11%	0.015%
82	14.848	2119	2126	2134	rVV9	9120	29174	2.48%	0.353%
83	14.988	2146	2149	2151	rBV4	1662	2103	0.18%	0.025%
84	15.110	2166	2169	2170	rBV3	1163	1236	0.10%	0.015%
85	15.141	2170	2174	2185	rVB3	3639	10283	0.87%	0.124%
86	15.238	2189	2190	2193	rBV3	737	829	0.07%	0.010%
87	15.318	2201	2203	2205	rVB2	1424	1247	0.11%	0.015%
88	15.360	2205	2210	2211	rBV4	763	1149	0.10%	0.014%
89	15.427	2216	2221	2225	rVB4	3462	5760	0.49%	0.070%
90	15.482	2225	2230	2234	rBV	3026	5797	0.49%	0.070%
91	15.543	2237	2240	2241	rBV3	930	885	0.08%	0.011%
92	15.787	2277	2280	2285	rVB7	871	1414	0.12%	0.017%
93	15.872	2291	2294	2296	rVB4	874	918	0.08%	0.011%
94	15.897	2296	2298	2303	rVB6	1009	1175	0.10%	0.014%
95	15.946	2303	2306	2309	rBV5	1098	1199	0.10%	0.014%
96	15.976	2309	2311	2314	rBV3	856	1062	0.09%	0.013%
97	16.159	2339	2341	2343	rBV3	919	894	0.08%	0.011%
98	16.324	2366	2368	2372	rVV5	851	962	0.08%	0.012%
99	16.622	2411	2417	2418	rBV5	692	1110	0.09%	0.013%
100	16.738	2434	2436	2437	rBV2	1060	835	0.07%	0.010%

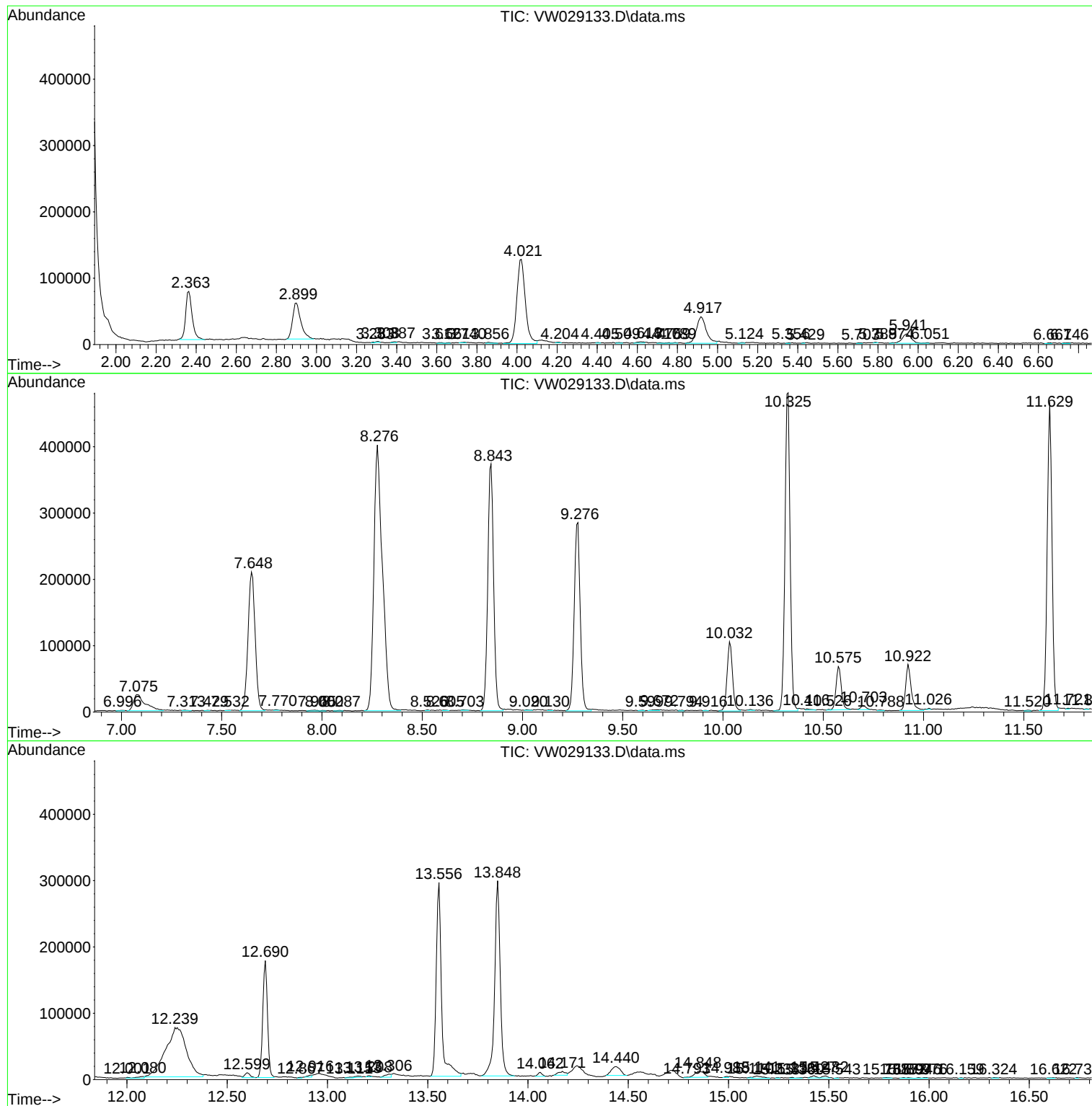
Sum of corrected areas: 8269056

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

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



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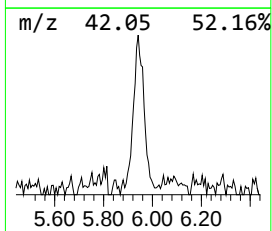
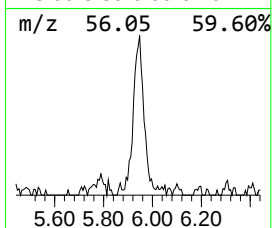
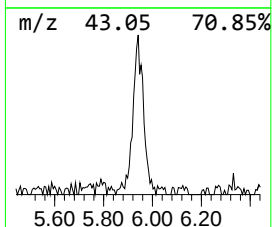
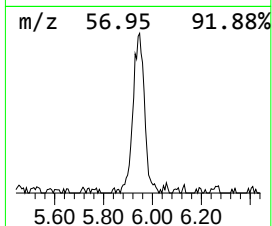
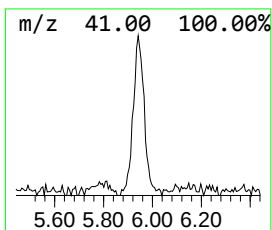
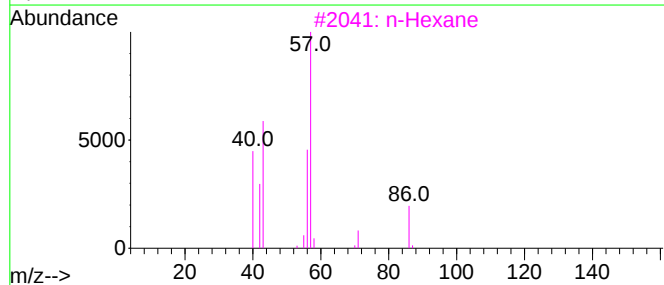
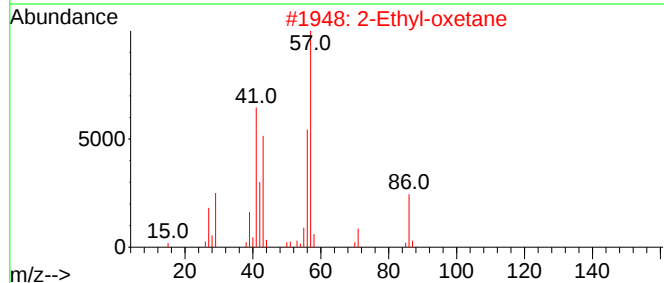
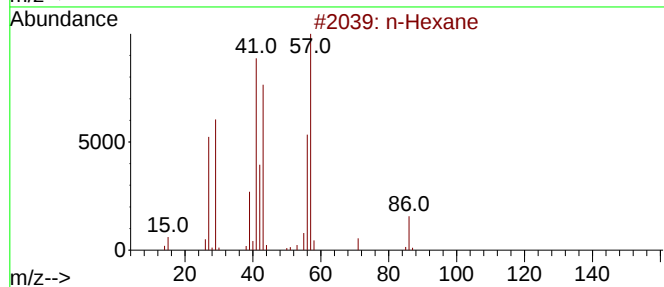
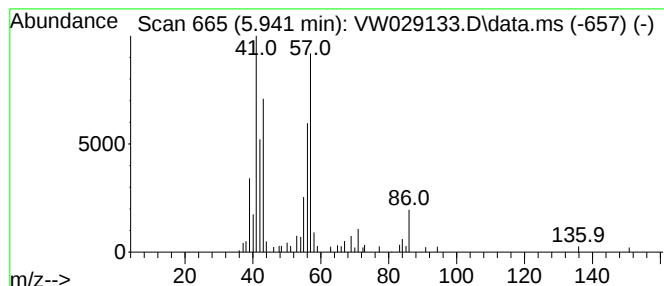
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.46 ug/L	43835	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	86
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	59
3			n-Hexane	86	C6H14	000110-54-3	53
4			3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	46
5			3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	32



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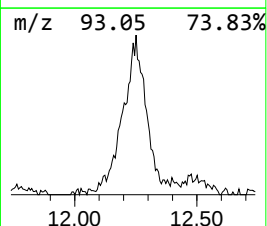
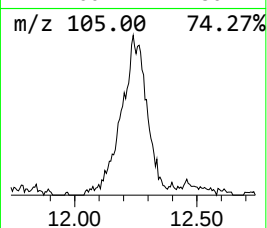
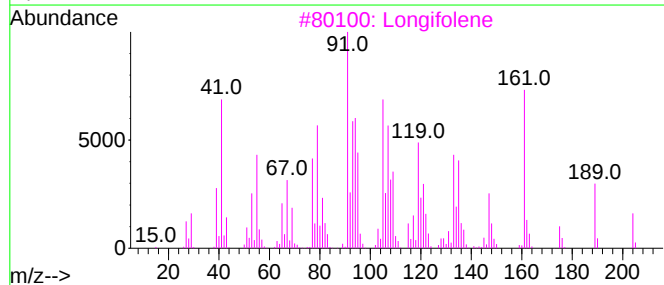
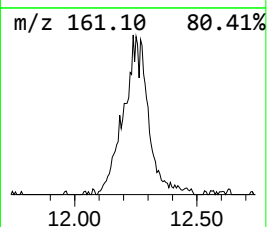
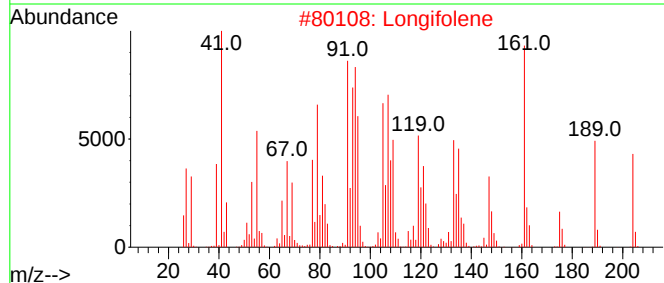
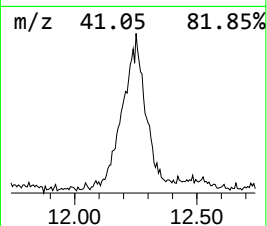
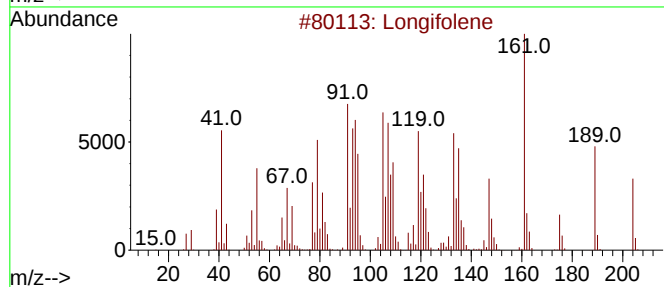
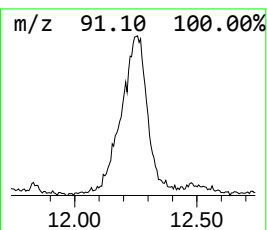
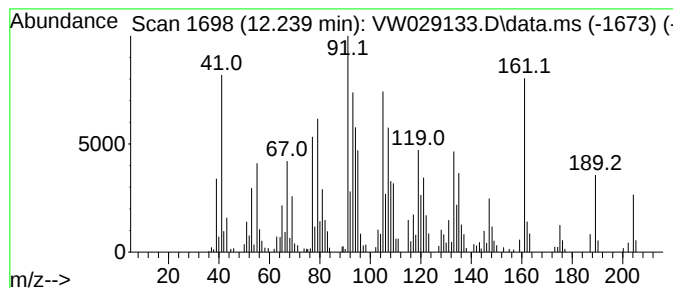
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	17.53 ug/L	542050	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Longifolene	204	C15H24	000475-20-7	99
3			Longifolene	204	C15H24	000475-20-7	99
4			Longifolene	204	C15H24	000475-20-7	99
5			Longifolene	204	C15H24	000475-20-7	98



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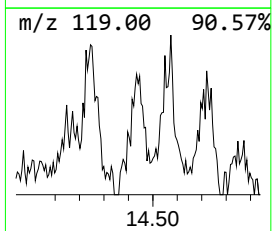
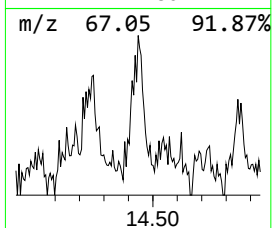
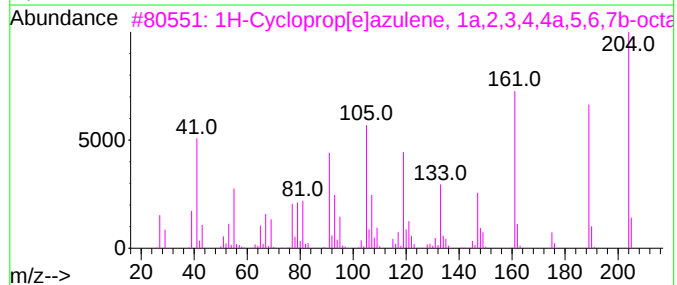
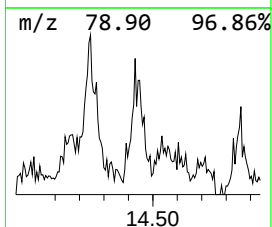
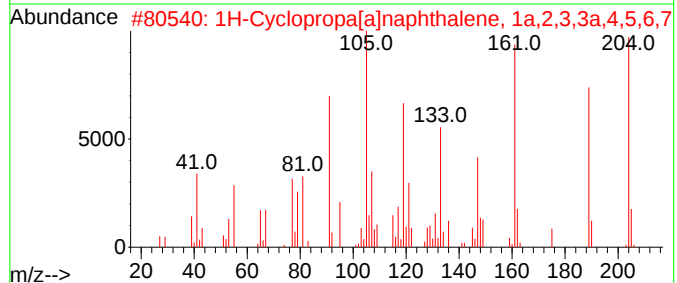
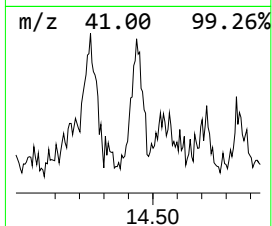
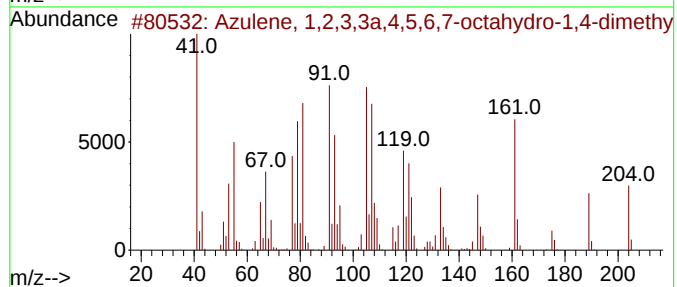
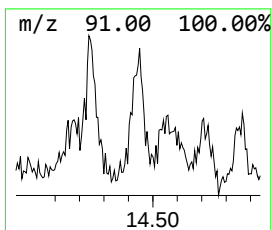
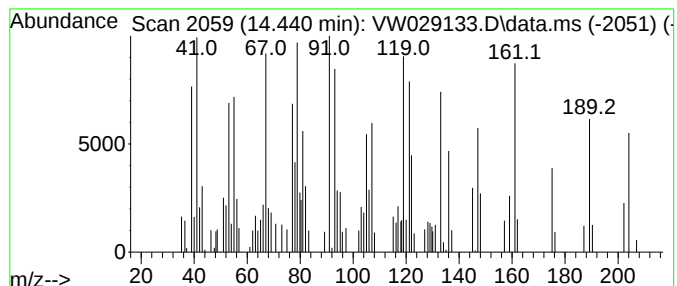
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
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Peak Number 4 Azulene, 1,2,3,3a,4,5,6,7-o... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.440	1.96 ug/L	42228	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	64
2			1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	50
3			1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	49
4			1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	47
5			Caryophyllene-(I1)	204	C15H24	1000158-18-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
Data File : VW029133.D
Acq On : 13 Jun 2024 18:29
Operator : SY/MD
Sample : P2870-06
Misc : 3.98g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA7

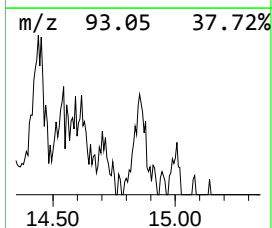
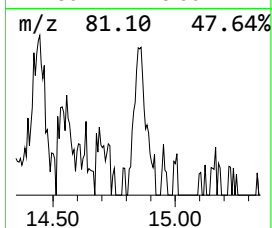
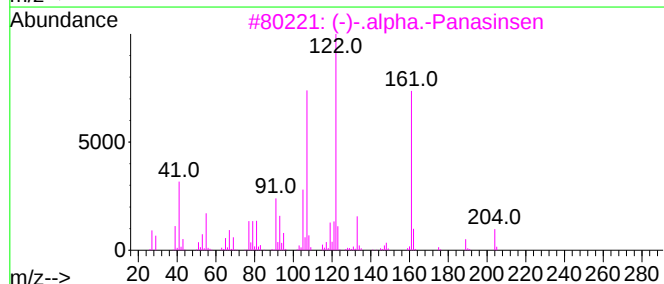
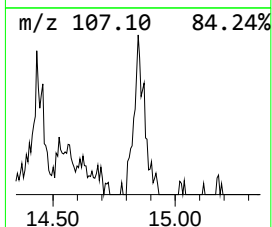
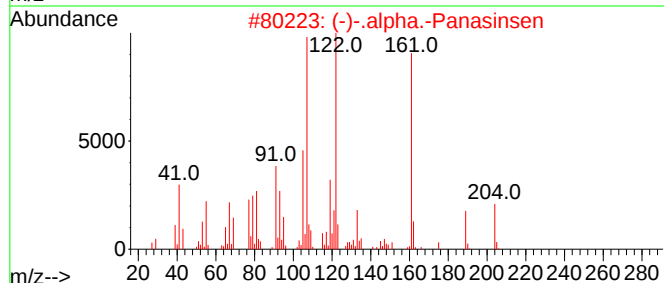
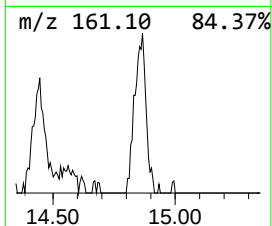
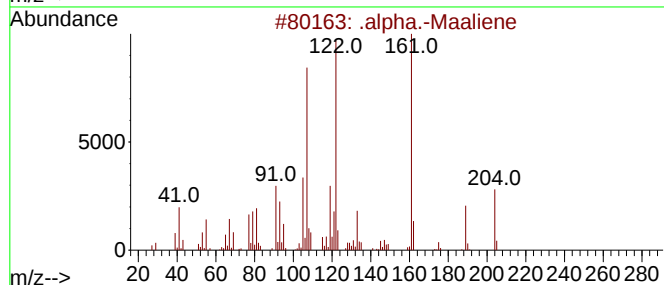
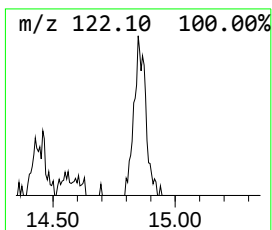
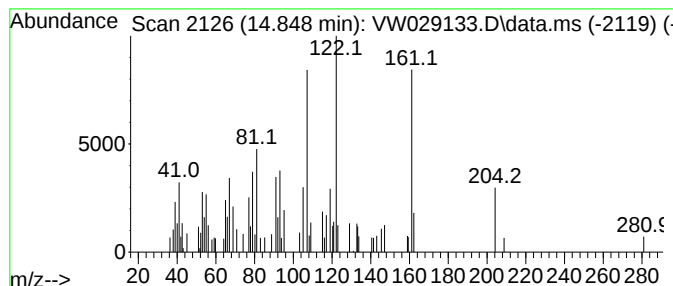
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Quant Title : SFAM01.0

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

Peak Number 5 .alpha.-Maaliene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	1.35 ug/L	29174	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Maaliene	204	C15H24	000489-28-1	93
2			(-).alpha.-Panasinsen	204	C15H24	056633-28-4	93
3			(-).alpha.-Panasinsen	204	C15H24	056633-28-4	83
4			Selina-3,7(11)-diene	204	C15H24	006813-21-4	70
5			Naphthalene, decahydro-1,6-bis(m...	204	C15H24	030021-46-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
Data File : VW029133.D
Acq On : 13 Jun 2024 18:29
Operator : SY/MD
Sample : P2870-06
Misc : 3.98g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.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
(DEL) Alkane: S...	5.941	1.5	ug/L	43835	1	8.843	749727	25.0
Longifolene	12.239	17.5	ug/L	542050	2	11.629	773212	25.0
Azulene, 1,2,3,...	14.440	2.0	ug/L	42228	3	13.556	539184	25.0
.alpha.-Maaliene	14.848	1.4	ug/L	29174	3	13.556	539184	25.0