

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027743.D
 Acq On : 18 Dec 2023 21:23
 Operator : SY/MD
 Sample : 05794-21
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGRG2

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\SFAMWLM121523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027743.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	93	rVB	113722	250928	15.68%	2.469%
2	2.899	158	166	184	rBV	82531	241589	15.09%	2.377%
3	3.295	230	231	233	rBV2	450	476	0.03%	0.005%
4	3.393	243	247	254	rVB6	887	2159	0.13%	0.021%
5	3.741	299	304	307	rBV2	328	546	0.03%	0.005%
6	4.021	339	350	364	rVV	205708	557129	34.81%	5.481%
7	4.161	364	373	393	rVB	13188	51887	3.24%	0.510%
8	4.387	400	410	419	rVB2	3778	10327	0.65%	0.102%
9	4.911	486	496	510	rVV3	8772	29318	1.83%	0.288%
10	5.941	655	665	675	rVB5	3209	9500	0.59%	0.093%
11	7.087	844	853	859	rBV	30514	90912	5.68%	0.894%
12	7.648	933	945	959	rVV	275097	676998	42.29%	6.660%
13	8.026	1003	1007	1009	rBV	372	465	0.03%	0.005%
14	8.124	1016	1023	1025	rBV	282	472	0.03%	0.005%
15	8.276	1035	1048	1064	rBV2	570005	1600687	100.00%	15.747%
16	8.386	1064	1066	1067	rVV2	831	661	0.04%	0.007%
17	8.398	1067	1068	1073	rVV2	599	770	0.05%	0.008%
18	8.453	1073	1077	1078	rVV3	642	640	0.04%	0.006%
19	8.477	1078	1081	1087	rVB3	1250	2195	0.14%	0.022%
20	8.581	1092	1098	1101	rBV3	372	515	0.03%	0.005%
21	8.636	1103	1107	1110	rVB3	311	457	0.03%	0.004%
22	8.703	1110	1118	1129	rVB6	1589	4444	0.28%	0.044%
23	8.843	1131	1141	1155	rBV	555390	1102441	68.87%	10.846%
24	9.093	1174	1182	1191	rVB6	3023	7564	0.47%	0.074%
25	9.270	1202	1211	1222	rBV	358283	725689	45.34%	7.139%
26	9.544	1253	1256	1262	rVB3	253	447	0.03%	0.004%
27	9.758	1282	1291	1298	rBV	5874	11208	0.70%	0.110%
28	9.892	1303	1313	1319	rVV2	13750	28764	1.80%	0.283%
29	9.947	1319	1322	1326	rVB4	955	1256	0.08%	0.012%
30	10.032	1329	1336	1350	rBV	152807	282120	17.62%	2.775%
31	10.142	1353	1354	1357	rVB	941	615	0.04%	0.006%
32	10.209	1360	1365	1368	rBV4	1417	2588	0.16%	0.025%
33	10.245	1369	1371	1375	rVB	1818	2285	0.14%	0.022%
34	10.319	1376	1383	1391	rBV	710169	1259113	78.66%	12.387%
35	10.392	1391	1395	1406	rVB2	8566	20088	1.25%	0.198%
36	10.508	1406	1414	1418	rBV6	2461	4755	0.30%	0.047%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Title : SFAM01.0

37	10.575	1418	1425	1438	rVB	83123	143204	8.95%	1.409%
38	10.697	1438	1445	1454	rBV2	17149	30846	1.93%	0.303%
39	10.770	1454	1457	1460	rVB3	865	1206	0.08%	0.012%
40	10.825	1462	1466	1467	rBV	533	555	0.03%	0.005%
41	10.861	1467	1472	1475	rVB6	1312	1848	0.12%	0.018%
42	10.922	1475	1482	1495	rBV	130208	227121	14.19%	2.234%
43	11.062	1501	1505	1514	rVB3	2675	5273	0.33%	0.052%
44	11.172	1518	1523	1527	rBV4	945	1591	0.10%	0.016%
45	11.227	1527	1532	1536	rVB5	906	1573	0.10%	0.015%
46	11.282	1536	1541	1546	rVB6	712	1195	0.07%	0.012%
47	11.434	1561	1566	1571	rVB2	2512	4143	0.26%	0.041%
48	11.507	1574	1578	1580	rBV2	610	704	0.04%	0.007%
49	11.629	1589	1598	1606	rBV	579850	969086	60.54%	9.534%
50	11.770	1619	1621	1623	rVB3	590	522	0.03%	0.005%
51	11.831	1625	1631	1635	rVV4	5073	11758	0.73%	0.116%
52	11.873	1635	1638	1648	rVB4	7304	12845	0.80%	0.126%
53	11.959	1648	1652	1655	rBV4	410	814	0.05%	0.008%
54	12.026	1659	1663	1665	rBV4	1168	1656	0.10%	0.016%
55	12.062	1667	1669	1673	rVV2	1464	1775	0.11%	0.017%
56	12.160	1681	1685	1692	rVB4	5289	9618	0.60%	0.095%
57	12.239	1693	1698	1704	rVB3	3778	6257	0.39%	0.062%
58	12.361	1714	1718	1725	rVB3	8556	15056	0.94%	0.148%
59	12.465	1726	1735	1742	rBV2	25685	48818	3.05%	0.480%
60	12.586	1748	1755	1763	rVB2	32003	66396	4.15%	0.653%
61	12.690	1764	1772	1792	rVB	213987	454514	28.39%	4.471%
62	12.952	1792	1815	1822	rBV	13406	56781	3.55%	0.559%
63	13.044	1824	1830	1836	rVV2	23667	45731	2.86%	0.450%
64	13.099	1836	1839	1843	rVB2	3540	5955	0.37%	0.059%
65	13.190	1850	1854	1859	rVB2	4235	6857	0.43%	0.067%
66	13.245	1860	1863	1866	rVV2	3233	4544	0.28%	0.045%
67	13.288	1867	1870	1877	rVB4	5456	9967	0.62%	0.098%
68	13.397	1879	1888	1892	rBV9	8246	16753	1.05%	0.165%
69	13.446	1892	1896	1899	rVV4	4321	8412	0.53%	0.083%
70	13.495	1901	1904	1907	rVV	7756	10738	0.67%	0.106%
71	13.556	1907	1914	1926	rVV	282915	480732	30.03%	4.729%
72	13.647	1926	1929	1933	rVB2	4487	6648	0.42%	0.065%
73	13.751	1942	1946	1949	rBV4	4286	6843	0.43%	0.067%
74	13.848	1955	1962	1973	rVB	240561	403688	25.22%	3.971%
75	14.062	1993	1997	2005	rVB	9289	18048	1.13%	0.178%
76	14.202	2015	2020	2024	rVB6	3252	5706	0.36%	0.056%

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 Title : SFAM01.0

77	14.257	2024	2029	2033	rBV7	2194	3961	0.25%	0.039%
78	14.324	2034	2040	2045	rVB9	1767	4229	0.26%	0.042%
79	14.415	2050	2055	2058	rVV2	3573	6105	0.38%	0.060%
80	14.446	2058	2060	2064	rVV3	1527	2097	0.13%	0.021%
81	14.507	2064	2070	2077	rVV7	2850	7033	0.44%	0.069%
82	14.574	2077	2081	2085	rVB6	1590	2950	0.18%	0.029%
83	14.617	2085	2088	2092	rBV5	1033	1617	0.10%	0.016%
84	14.684	2097	2099	2101	rBV3	803	952	0.06%	0.009%
85	14.714	2102	2104	2109	rVB4	2872	3995	0.25%	0.039%
86	14.793	2111	2117	2123	rBV5	3719	8276	0.52%	0.081%
87	14.842	2123	2125	2127	rBV3	743	644	0.04%	0.006%
88	14.903	2134	2135	2139	rVB4	550	532	0.03%	0.005%
89	14.952	2139	2143	2148	rBV7	976	2192	0.14%	0.022%
90	15.080	2155	2164	2167	rBV10	2633	6324	0.40%	0.062%
91	15.117	2167	2170	2175	rVB6	3068	5186	0.32%	0.051%
92	15.226	2185	2188	2194	rVB6	1471	2526	0.16%	0.025%
93	15.354	2206	2209	2215	rBV2	2974	4618	0.29%	0.045%
94	15.427	2215	2221	2225	rBV2	3542	5324	0.33%	0.052%
95	15.470	2226	2228	2233	rVB3	1553	2613	0.16%	0.026%
96	15.537	2236	2239	2240	rBV2	1427	1785	0.11%	0.018%
97	15.940	2302	2305	2312	rBV7	1119	2346	0.15%	0.023%
98	16.025	2317	2319	2321	rVB2	613	479	0.03%	0.005%
99	16.561	2405	2407	2410	rBV3	515	627	0.04%	0.006%
100	16.635	2416	2419	2420	rBV3	637	653	0.04%	0.006%

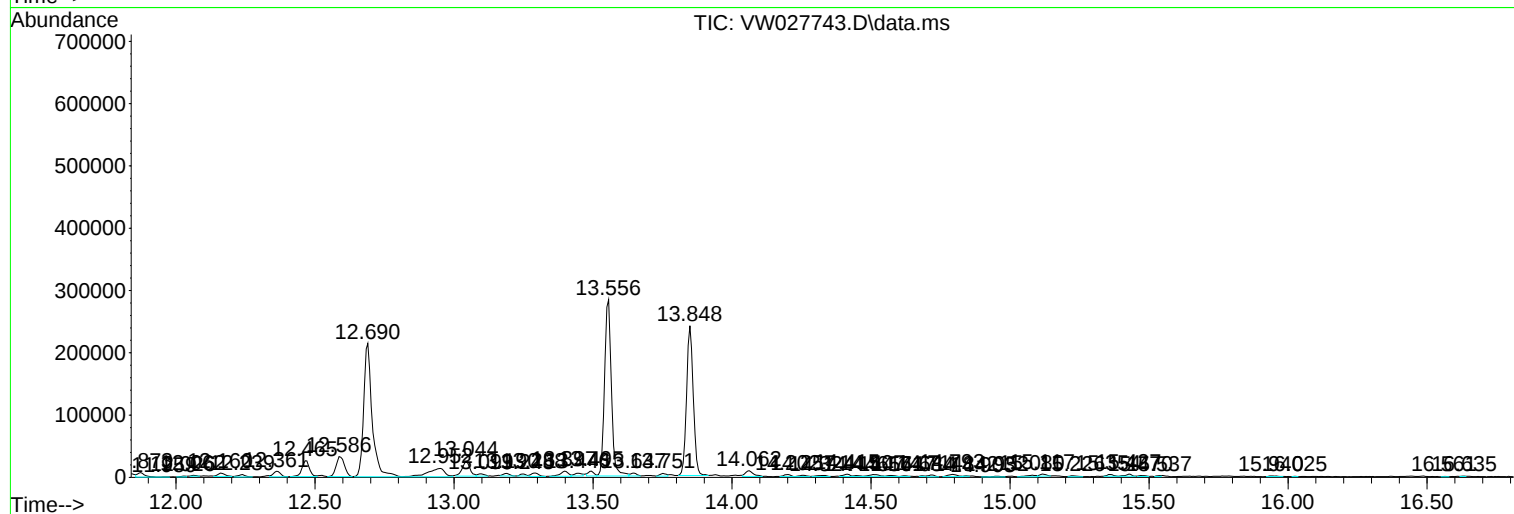
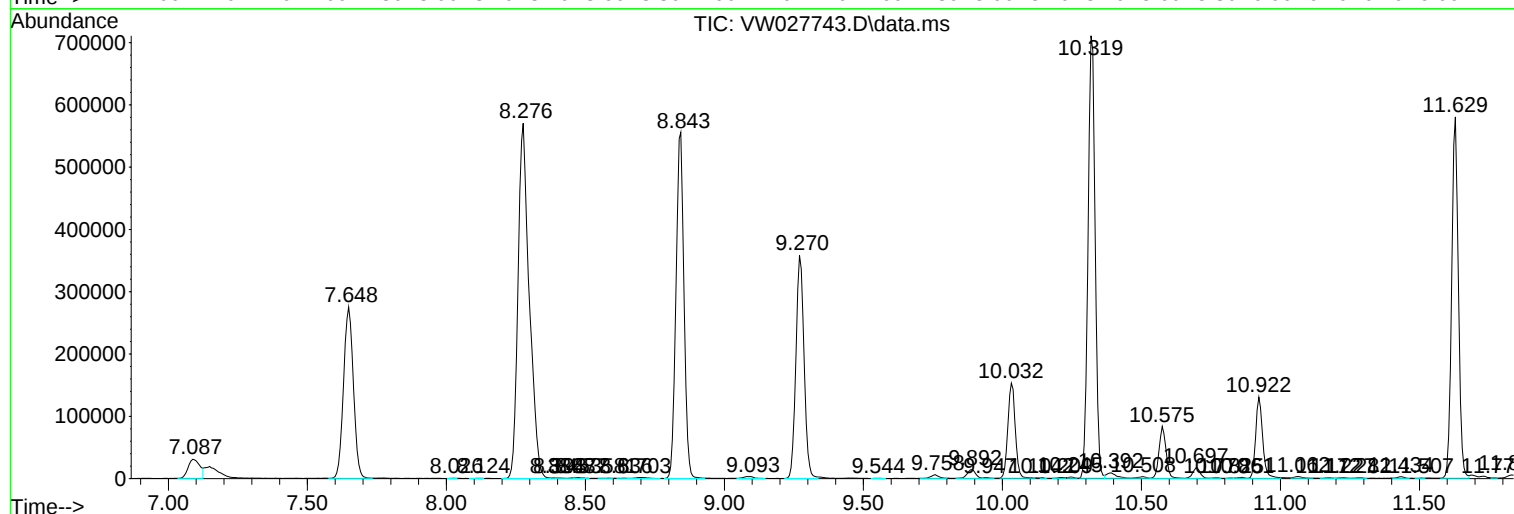
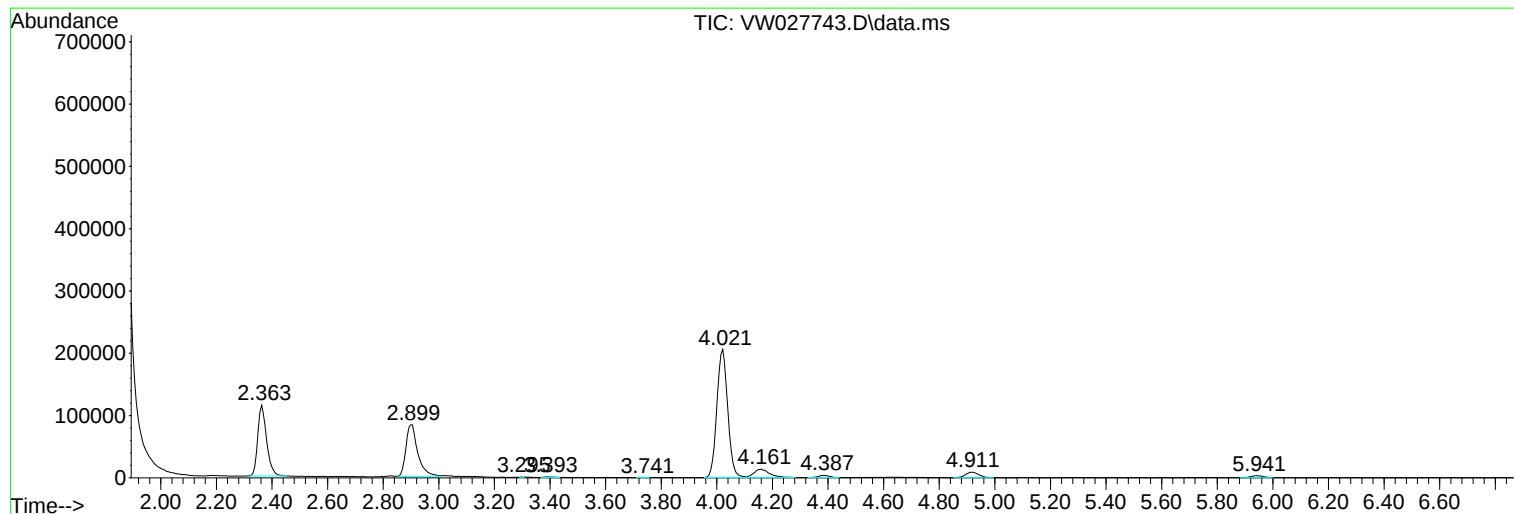
Sum of corrected areas: 10164849

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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



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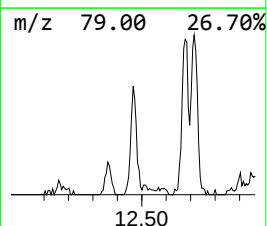
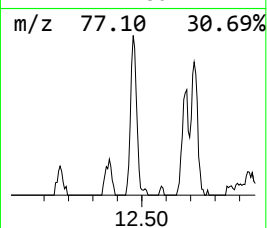
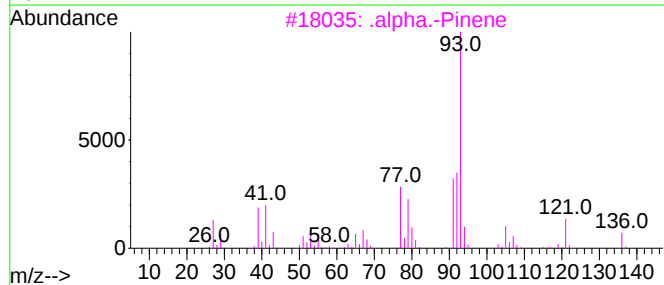
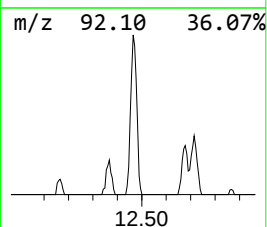
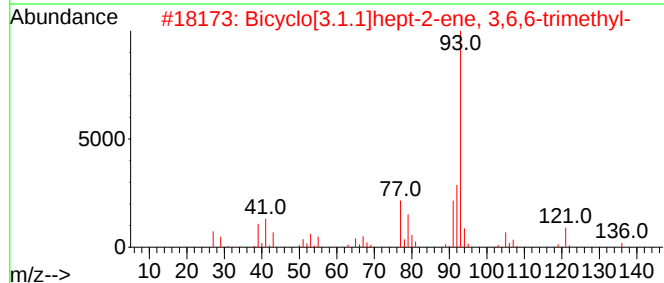
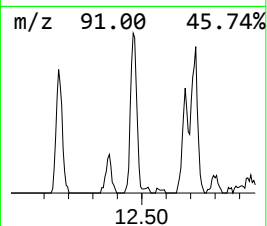
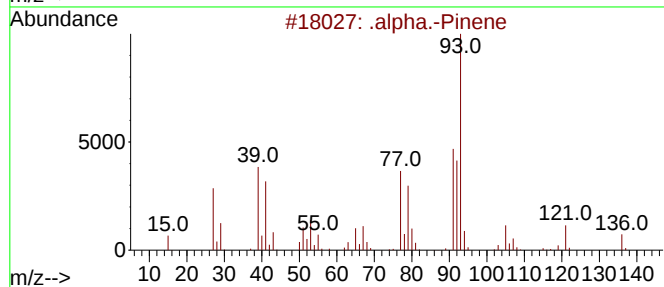
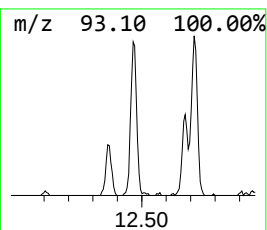
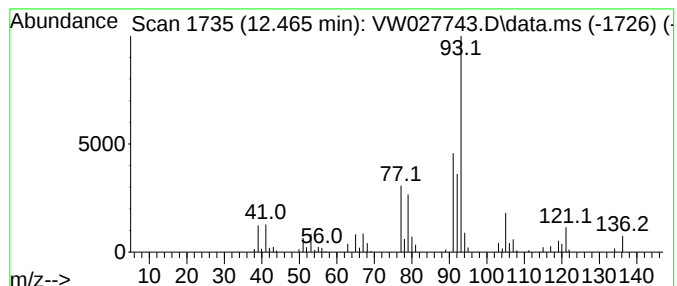
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	1.26 ug/L	48818	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	93
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3		.alpha.-Pinene	136	C10H16	000080-56-8	90
4		(+)-3-Carene	136	C10H16	000498-15-7	90
5		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87



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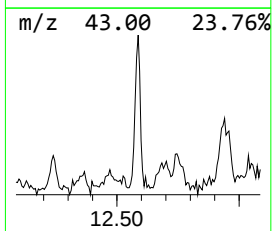
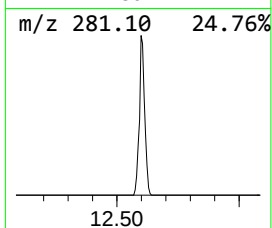
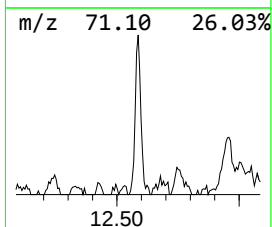
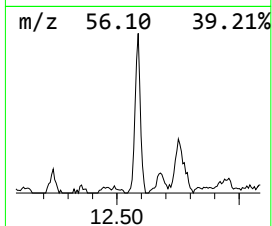
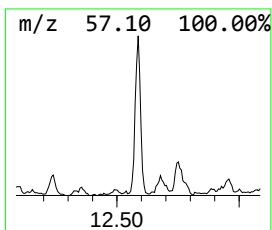
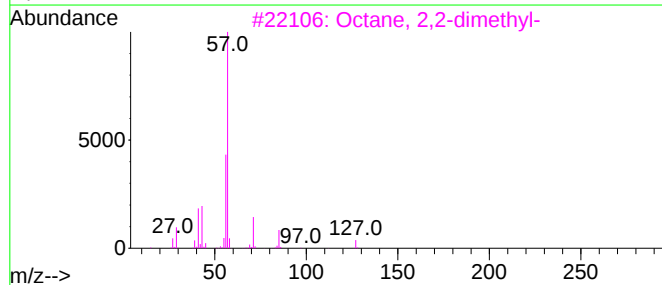
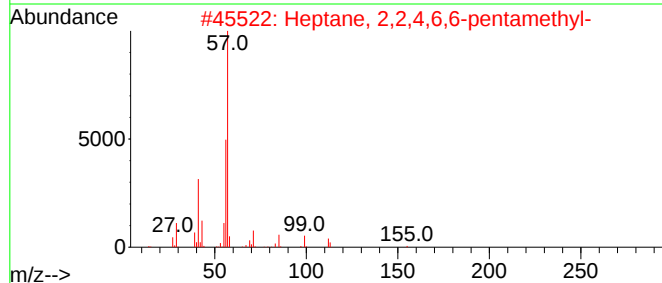
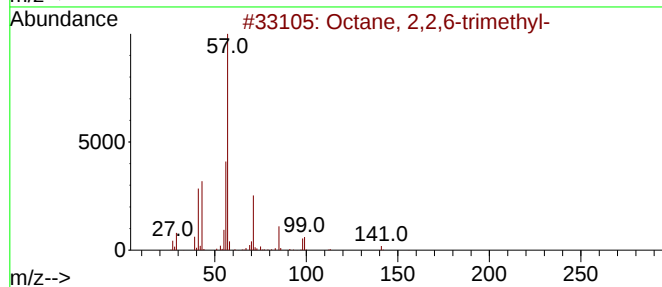
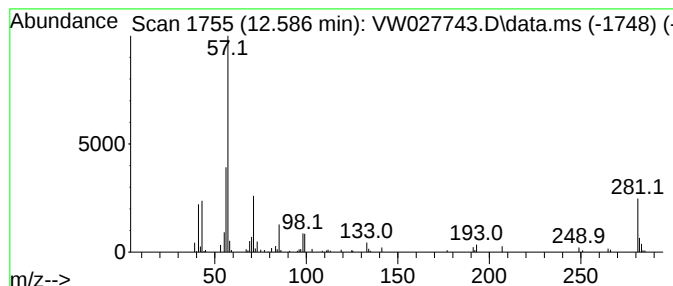
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	1.71 ug/L	66396	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	47
3			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	47
4			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	47
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47



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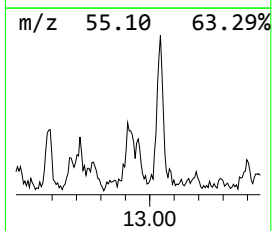
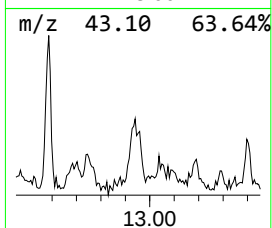
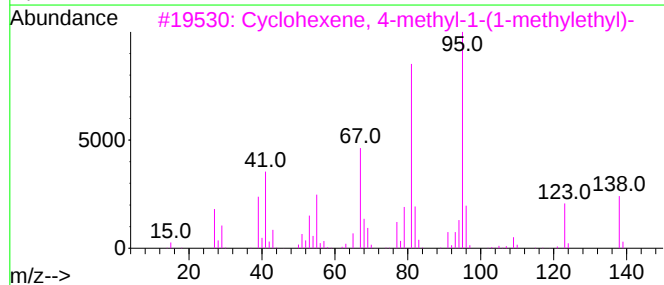
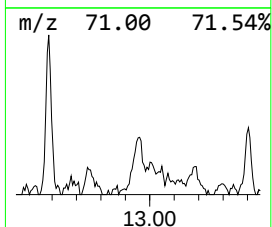
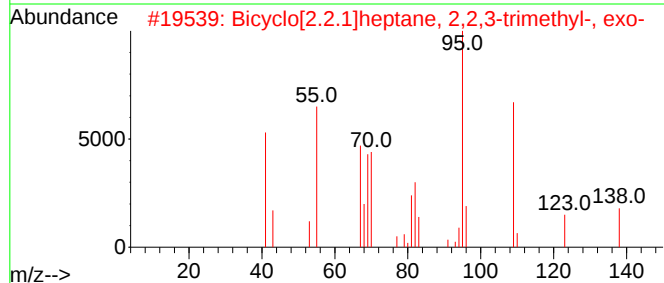
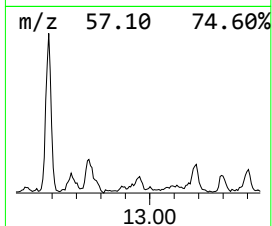
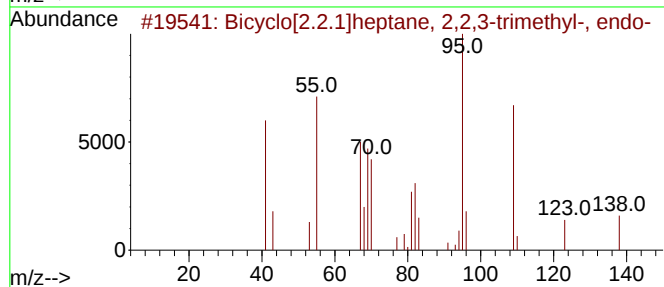
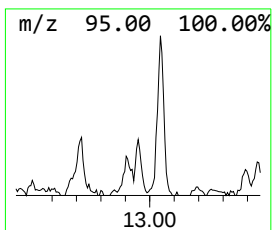
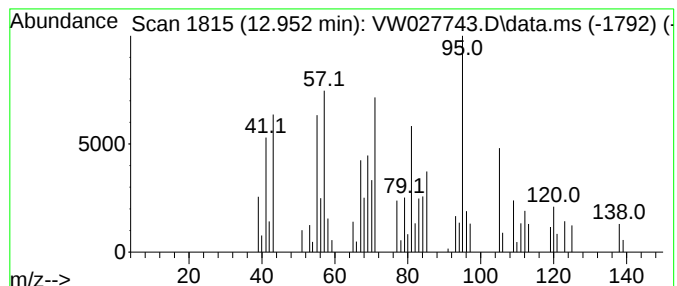
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Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.952	2.95 ug/L	56781	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	56
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	53
3			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	46
4			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	46
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027743.D
Acq On : 18 Dec 2023 21:23
Operator : SY/MD
Sample : 05794-21
Misc : 4.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGRG2

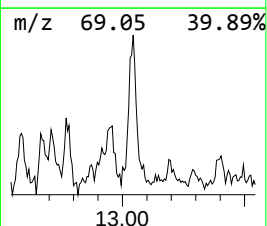
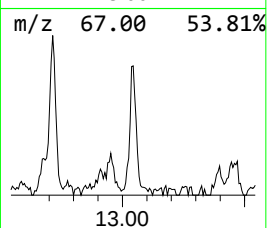
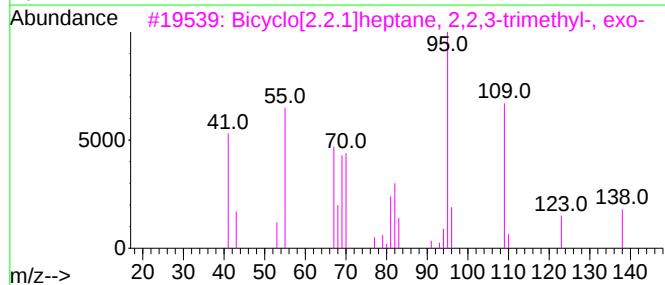
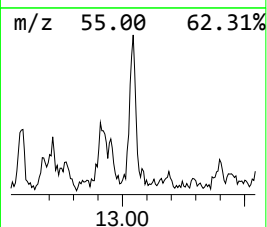
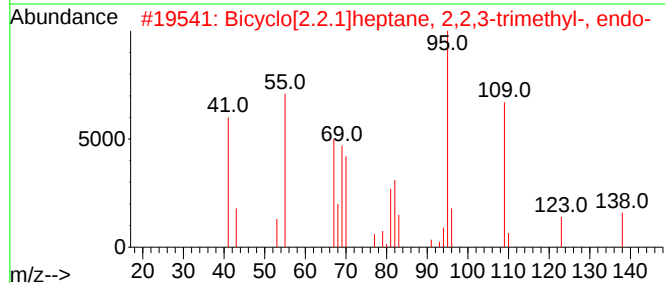
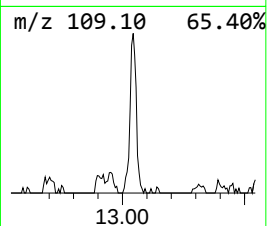
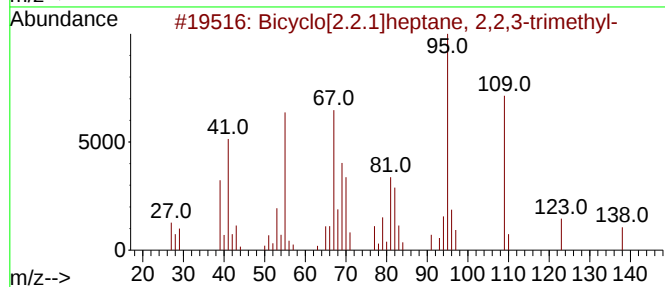
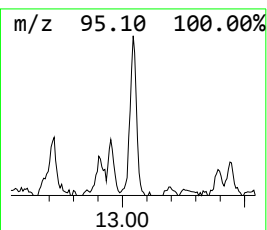
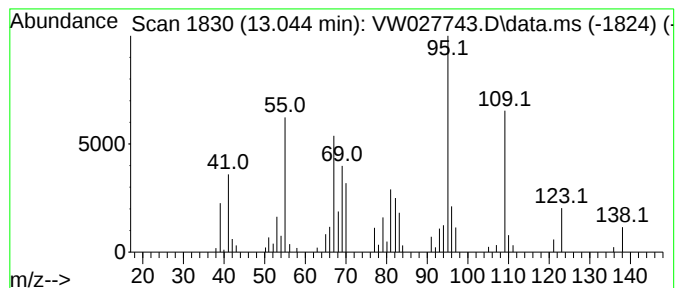
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Quant Title : SFAM01.0

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

Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	2.38 ug/L	45731	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	96
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	94
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	81
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	53
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027743.D
Acq On : 18 Dec 2023 21:23
Operator : SY/MD
Sample : 05794-21
Misc : 4.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGRG2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.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
.alpha.-Pinene	12.465	1.3	ug/L	48818	2	11.629	969086	25.0
(DEL) Alkane: S...	12.586	1.7	ug/L	66396	2	11.629	969086	25.0
Bicyclo[2.2.1]h...	12.952	3.0	ug/L	56781	3	13.550	480732	25.0
Bicyclo[2.2.1]h...	13.044	2.4	ug/L	45731	3	13.550	480732	25.0