

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080621\
 Data File : VW019701.D
 Acq On : 06 Aug 2021 14:21
 Operator : SY/VA
 Sample : M3287-13RE
 Misc : 4.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGB12RE

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\SFAMWLM070921SMA.M
 Title : SFAM01.0

Signal : TIC: VW019701.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	38	42	43	rBV2	1473	1964	0.14%	0.020%
2	2.361	69	75	90	rVB	93484	181901	13.39%	1.883%
3	2.550	104	106	108	rBV2	782	400	0.03%	0.004%
4	2.654	121	123	125	rBV3	1595	1528	0.11%	0.016%
5	2.898	155	163	176	rBV	60845	152427	11.22%	1.578%
6	3.135	201	202	210	rVB5	1960	2866	0.21%	0.030%
7	3.196	210	212	215	rVV3	371	392	0.03%	0.004%
8	3.294	225	228	231	rBV3	292	373	0.03%	0.004%
9	3.391	240	244	250	rVB4	706	1426	0.10%	0.015%
10	3.733	297	300	305	rBV3	425	909	0.07%	0.009%
11	4.026	335	348	374	rBV	144252	469445	34.56%	4.859%
12	4.282	386	390	391	rBV	311	404	0.03%	0.004%
13	4.617	442	445	451	rVV3	494	1236	0.09%	0.013%
14	4.922	483	495	512	rBV	93116	341563	25.15%	3.535%
15	5.946	653	663	674	rVV3	21736	64799	4.77%	0.671%
16	6.342	727	728	732	rVV2	306	316	0.02%	0.003%
17	7.086	840	850	869	rBV	30046	104487	7.69%	1.082%
18	7.653	933	943	955	rBV	232506	571713	42.09%	5.918%
19	7.866	976	978	979	rBV2	402	343	0.03%	0.004%
20	7.891	980	982	985	rVB2	559	620	0.05%	0.006%
21	7.952	987	992	1000	rVB4	1671	3775	0.28%	0.039%
22	8.092	1011	1015	1018	rBV	220	366	0.03%	0.004%
23	8.281	1035	1046	1062	rBV2	460798	1358345	100.00%	14.060%
24	8.439	1070	1072	1074	rBV	416	367	0.03%	0.004%
25	8.616	1098	1101	1102	rBV2	485	396	0.03%	0.004%
26	8.695	1109	1114	1119	rVB3	639	805	0.06%	0.008%
27	8.775	1124	1127	1129	rVB	351	360	0.03%	0.004%
28	8.848	1129	1139	1154	rBV	524628	1048942	77.22%	10.857%
29	9.079	1170	1177	1182	rVV6	1644	4120	0.30%	0.043%
30	9.128	1184	1185	1188	rBV3	438	379	0.03%	0.004%
31	9.275	1200	1209	1227	rBV	312065	638241	46.99%	6.606%
32	9.396	1227	1229	1231	rVB2	547	525	0.04%	0.005%
33	9.610	1260	1264	1266	rBV2	297	372	0.03%	0.004%
34	9.671	1269	1274	1278	rVB4	985	1913	0.14%	0.020%
35	9.768	1285	1290	1293	rBV6	1207	2488	0.18%	0.026%
36	9.884	1305	1309	1316	rVB6	3233	6355	0.47%	0.066%

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 Title : SFAM01.0

37	9.957	1318	1321	1324	rVB4	322	394	0.03%	0.004%
38	10.037	1326	1334	1343	rBV	138381	250616	18.45%	2.594%
39	10.128	1346	1349	1354	rVB3	604	915	0.07%	0.009%
40	10.250	1363	1369	1372	rBV4	1324	2194	0.16%	0.023%
41	10.323	1373	1381	1388	rBV	586306	1043492	76.82%	10.801%
42	10.390	1388	1392	1399	rVB	8694	15184	1.12%	0.157%
43	10.488	1407	1408	1409	rBV	591	319	0.02%	0.003%
44	10.579	1416	1423	1431	rBV	89425	154519	11.38%	1.599%
45	10.707	1438	1444	1451	rVB2	6271	10570	0.78%	0.109%
46	10.805	1451	1460	1461	rBV6	1327	3004	0.22%	0.031%
47	10.927	1473	1480	1499	rBV	125273	221417	16.30%	2.292%
48	11.555	1581	1583	1586	rVV4	432	509	0.04%	0.005%
49	11.634	1588	1596	1605	rVV	626926	1055841	77.73%	10.929%
50	11.731	1609	1612	1618	rVV6	1904	3309	0.24%	0.034%
51	11.835	1625	1629	1635	rVV4	1068	2206	0.16%	0.023%
52	12.055	1661	1665	1668	rVB2	262	353	0.03%	0.004%
53	12.158	1680	1682	1683	rBV2	598	455	0.03%	0.005%
54	12.244	1692	1696	1697	rVB2	324	374	0.03%	0.004%
55	12.280	1700	1702	1707	rVB2	297	366	0.03%	0.004%
56	12.372	1709	1717	1723	rBV2	11270	19914	1.47%	0.206%
57	12.469	1727	1733	1740	rBV	51960	86839	6.39%	0.899%
58	12.597	1749	1754	1762	rVB4	5467	12069	0.89%	0.125%
59	12.695	1763	1770	1785	rBV	154471	315119	23.20%	3.262%
60	12.957	1804	1813	1818	rBV8	3235	9870	0.73%	0.102%
61	13.024	1818	1824	1831	rVB	15659	26729	1.97%	0.277%
62	13.195	1844	1852	1856	rVB2	4065	7511	0.55%	0.078%
63	13.274	1856	1865	1874	rBV	55648	93301	6.87%	0.966%
64	13.408	1877	1887	1892	rBV2	8865	16554	1.22%	0.171%
65	13.469	1892	1897	1904	rBV4	10017	18417	1.36%	0.191%
66	13.554	1905	1911	1918	rBV	417063	695306	51.19%	7.197%
67	13.768	1940	1946	1951	rVB4	3381	6016	0.44%	0.062%
68	13.853	1953	1960	1967	rBV	313356	516060	37.99%	5.342%
69	13.993	1982	1983	1986	rBV2	699	649	0.05%	0.007%
70	14.066	1989	1995	2001	rVV2	12301	21370	1.57%	0.221%
71	14.115	2001	2003	2004	rBV2	398	365	0.03%	0.004%
72	14.249	2022	2025	2026	rBV2	430	445	0.03%	0.005%
73	14.322	2032	2037	2041	rBV8	1436	2270	0.17%	0.023%
74	14.414	2050	2052	2056	rVB3	346	368	0.03%	0.004%
75	14.463	2056	2060	2062	rBV4	1104	1387	0.10%	0.014%
76	14.700	2096	2099	2100	rBV2	402	329	0.02%	0.003%

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 Title : SFAM01.0

77	14.737	2100	2105	2114	rVB7	1650	4833	0.36%	0.050%
78	14.914	2133	2134	2137	rVB2	624	501	0.04%	0.005%
79	14.950	2137	2140	2141	rBV3	546	501	0.04%	0.005%
80	15.017	2146	2151	2153	rVV4	797	1172	0.09%	0.012%
81	15.060	2155	2158	2164	rVV6	2766	4989	0.37%	0.052%
82	15.133	2168	2170	2172	rVV2	482	467	0.03%	0.005%
83	15.188	2176	2179	2182	rBV3	478	693	0.05%	0.007%
84	15.237	2186	2187	2190	rBV2	354	370	0.03%	0.004%
85	15.298	2192	2197	2204	rVB2	14287	23994	1.77%	0.248%
86	15.395	2211	2213	2214	rBV2	921	769	0.06%	0.008%
87	15.432	2214	2219	2223	rVV2	10855	17823	1.31%	0.184%
88	15.487	2223	2228	2235	rVB2	6074	10618	0.78%	0.110%
89	15.682	2256	2260	2262	rBV4	322	395	0.03%	0.004%
90	15.755	2271	2272	2274	rBV2	479	444	0.03%	0.005%
91	15.798	2274	2279	2284	rVB5	1999	3678	0.27%	0.038%
92	15.950	2301	2304	2307	rBV4	1005	1461	0.11%	0.015%
93	16.042	2316	2319	2323	rVB5	685	819	0.06%	0.008%
94	16.225	2345	2349	2352	rBV3	496	657	0.05%	0.007%
95	16.285	2358	2359	2362	rVB2	639	439	0.03%	0.005%
96	16.316	2362	2364	2367	rBV3	463	748	0.06%	0.008%
97	16.389	2374	2376	2378	rBV3	362	334	0.02%	0.003%
98	16.456	2385	2387	2390	rBV3	449	511	0.04%	0.005%
99	16.554	2401	2403	2405	rBV3	398	362	0.03%	0.004%
100	16.621	2412	2414	2417	rVB3	580	669	0.05%	0.007%

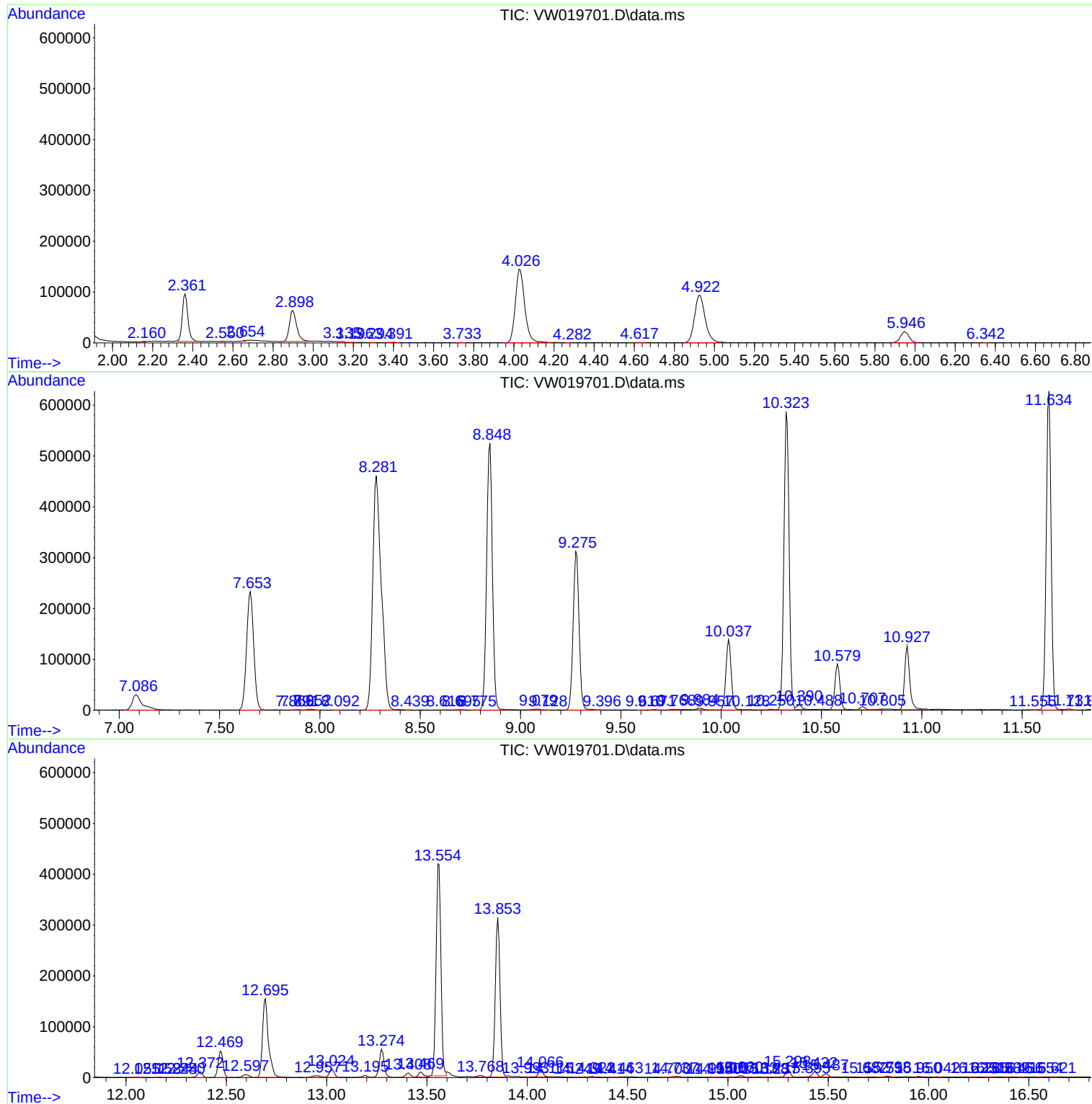
Sum of corrected areas: 9661033

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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



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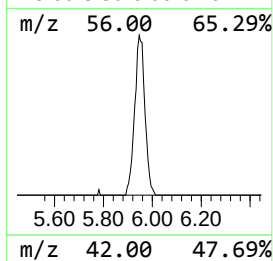
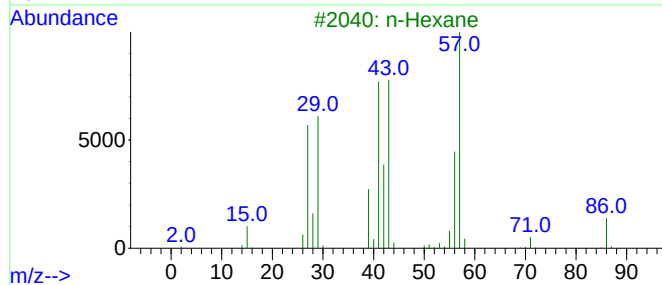
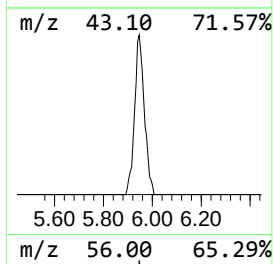
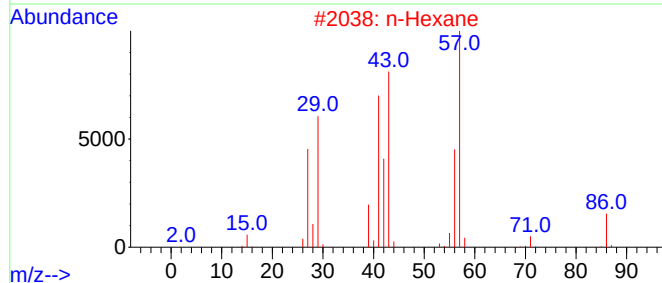
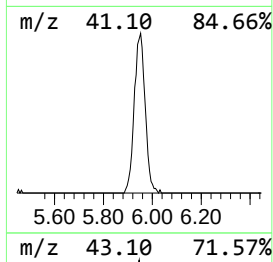
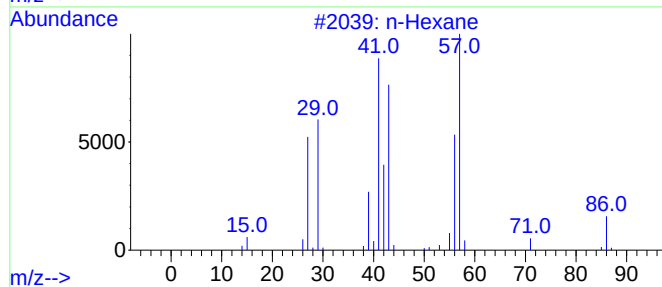
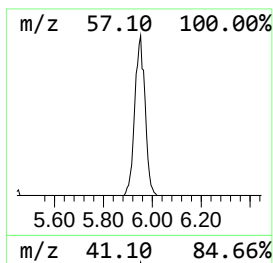
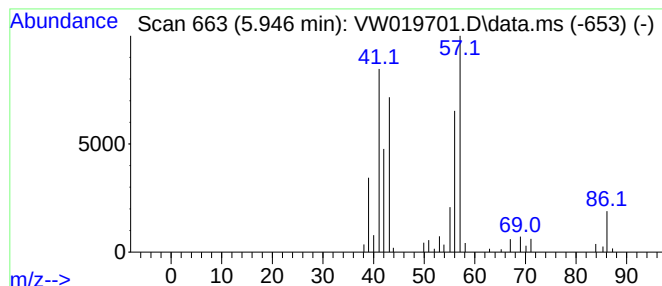
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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.
5.946	1.54 ug/L	64799	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	90
2		n-Hexane	86	C6H14	000110-54-3	86
3		n-Hexane	86	C6H14	000110-54-3	86
4		n-Hexane	86	C6H14	000110-54-3	47
5		3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	46



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Instrument :
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ClientSampleId :
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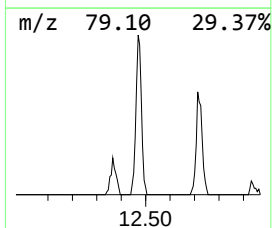
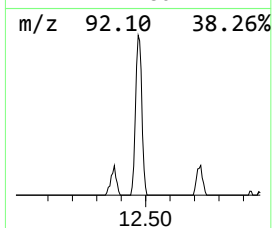
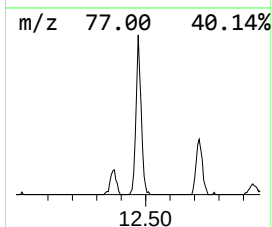
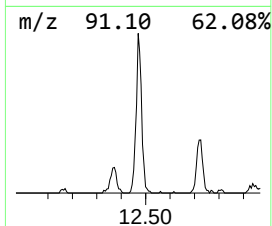
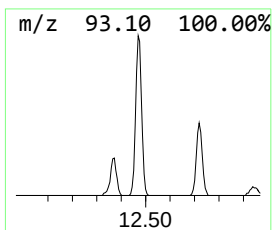
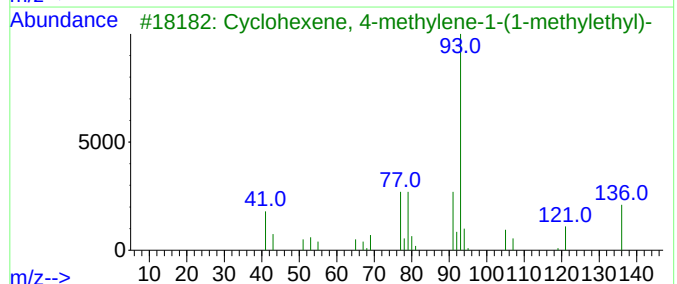
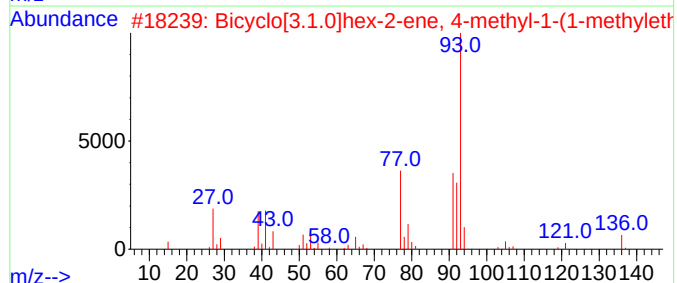
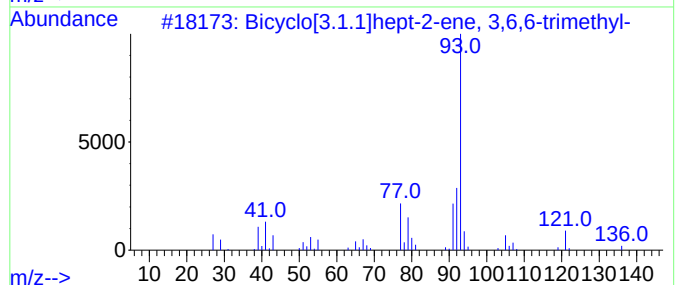
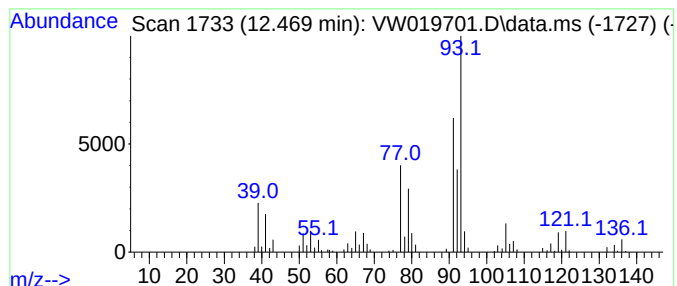
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.06 ug/L	86839	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
2			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	80
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	76
4			4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	74
5			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	72



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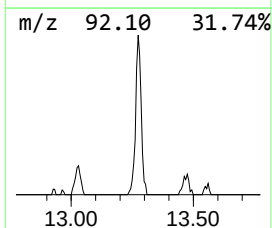
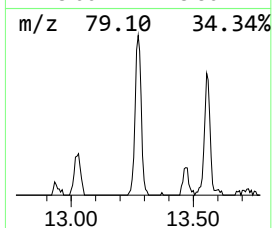
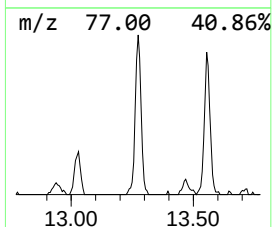
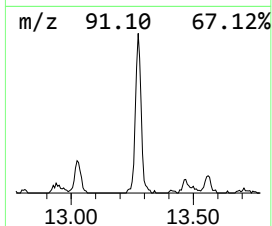
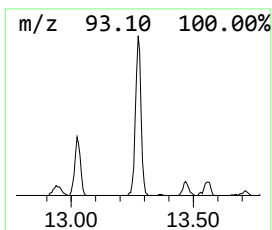
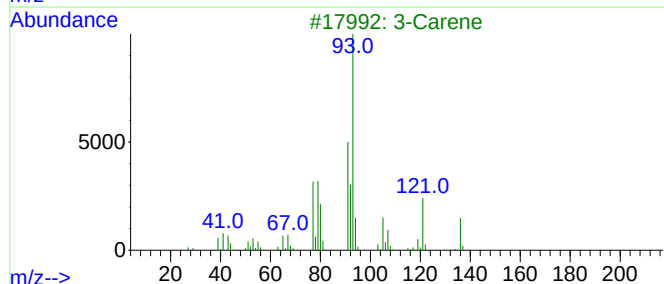
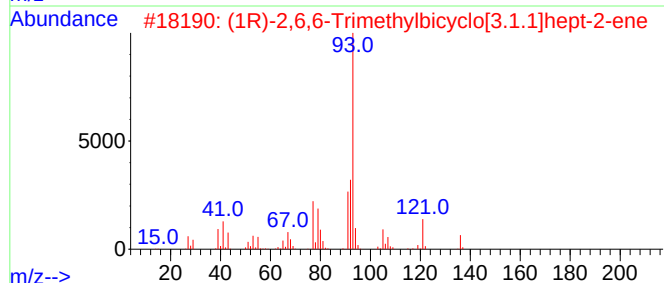
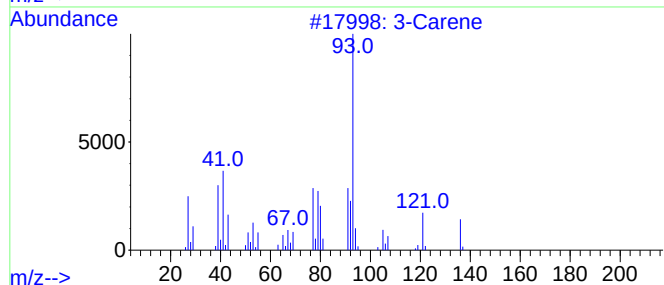
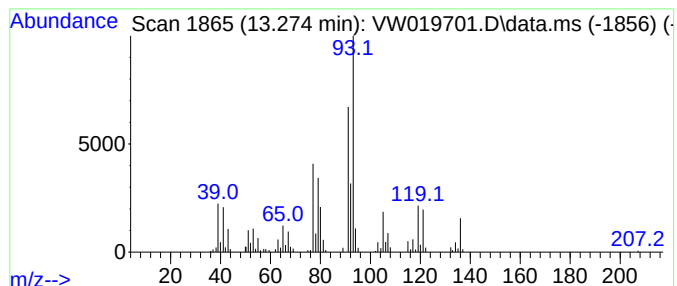
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	3.35 ug/L	93301	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	93
2			(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	87
3			3-Carene	136	C10H16	013466-78-9	87
4			.gamma.-Terpinene	136	C10H16	000099-85-4	87
5			Cyclopentene, 3-isopropenyl-5,5-dimethyl-	136	C10H16	1000162-25-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080621\
Data File : VW019701.D
Acq On : 06 Aug 2021 14:21
Operator : SY/VA
Sample : M3287-13RE
Misc : 4.50g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGB12RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.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...	5.946	1.5	ug/L	64799	1	8.848	1048940	25.0
Bicyclo[3.1.1]h...	12.469	2.1	ug/L	86839	2	11.634	1055840	25.0
3-Carene	13.274	3.4	ug/L	93301	3	13.560	695306	25.0