

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019692.D
 Acq On : 05 Aug 2021 19:13
 Operator : SY/VA
 Sample : M3287-06
 Misc : 5.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGB07

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: VW019692.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	85	rVB	95753	185731	12.45%	1.644%
2	2.898	155	163	181	rVB	73633	176653	11.84%	1.563%
3	3.635	282	284	287	rVB2	477	457	0.03%	0.004%
4	3.672	287	290	291	rBV2	344	417	0.03%	0.004%
5	4.032	336	349	362	rBV	155467	487255	32.66%	4.313%
6	4.202	375	377	380	rBV3	599	698	0.05%	0.006%
7	4.294	386	392	396	rVB4	435	841	0.06%	0.007%
8	4.324	396	397	399	rBV2	252	177	0.01%	0.002%
9	4.385	403	407	408	rBV2	350	486	0.03%	0.004%
10	4.586	436	440	441	rVB3	245	285	0.02%	0.003%
11	4.617	441	445	447	rBV3	521	812	0.05%	0.007%
12	4.672	450	454	456	rBV3	378	543	0.04%	0.005%
13	4.769	468	470	473	rVB2	190	184	0.01%	0.002%
14	4.922	482	495	515	rBV	72532	263768	17.68%	2.335%
15	5.074	518	520	523	rBV2	327	282	0.02%	0.002%
16	5.135	528	530	535	rBV3	313	545	0.04%	0.005%
17	5.342	562	564	565	rBV	177	172	0.01%	0.002%
18	5.379	568	570	573	rBV2	304	346	0.02%	0.003%
19	5.409	573	575	576	rBV	181	178	0.01%	0.002%
20	5.611	606	608	609	rBV	366	255	0.02%	0.002%
21	5.647	611	614	617	rVV	387	422	0.03%	0.004%
22	5.714	624	625	629	rVV3	199	220	0.01%	0.002%
23	5.818	640	642	644	rBV2	182	185	0.01%	0.002%
24	5.946	652	663	675	rVV2	31836	95680	6.41%	0.847%
25	6.110	686	690	691	rBV2	206	243	0.02%	0.002%
26	6.196	703	704	709	rVB	352	347	0.02%	0.003%
27	6.257	712	714	715	rVV	236	219	0.01%	0.002%
28	6.299	720	721	724	rVB	306	213	0.01%	0.002%
29	6.397	736	737	739	rBV	185	179	0.01%	0.002%
30	6.531	756	759	761	rBV2	229	205	0.01%	0.002%
31	6.586	765	768	769	rBV2	231	187	0.01%	0.002%
32	6.665	776	781	782	rBV	153	214	0.01%	0.002%
33	6.988	826	834	838	rBV5	704	1655	0.11%	0.015%
34	7.080	840	849	875	rVV	45983	147883	9.91%	1.309%
35	7.415	902	904	907	rBV	269	183	0.01%	0.002%
36	7.525	920	922	923	rBV	382	318	0.02%	0.003%

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 Title : SFAM01.0

37	7.555	923	927	930	rVB4	664	865	0.06%	0.008%
38	7.653	932	943	956	rBV	246828	610070	40.90%	5.400%
39	7.769	960	962	968	rVB3	732	1267	0.08%	0.011%
40	7.891	977	982	986	rVB4	708	1604	0.11%	0.014%
41	7.939	986	990	991	rBV2	1625	1671	0.11%	0.015%
42	8.013	1000	1002	1004	rVB2	247	225	0.02%	0.002%
43	8.037	1004	1006	1009	rBV2	199	227	0.02%	0.002%
44	8.147	1020	1024	1026	rBV	325	383	0.03%	0.003%
45	8.281	1033	1046	1061	rBV2	492017	1491746	100.00%	13.203%
46	8.403	1063	1066	1074	rVV5	916	1712	0.11%	0.015%
47	8.464	1074	1076	1078	rVB3	265	203	0.01%	0.002%
48	8.531	1085	1087	1088	rBV	305	205	0.01%	0.002%
49	8.628	1099	1103	1110	rVV3	354	603	0.04%	0.005%
50	8.781	1126	1128	1129	rBV2	214	173	0.01%	0.002%
51	8.848	1129	1139	1158	rVV	460147	921151	61.75%	8.153%
52	9.085	1171	1178	1184	rVB5	2165	4596	0.31%	0.041%
53	9.201	1196	1197	1199	rBV2	325	277	0.02%	0.002%
54	9.274	1200	1209	1219	rBV	342090	689935	46.25%	6.106%
55	9.433	1231	1235	1237	rBV3	417	682	0.05%	0.006%
56	9.659	1266	1272	1278	rBV4	948	2019	0.14%	0.018%
57	9.756	1283	1288	1292	rBV3	768	1089	0.07%	0.010%
58	9.835	1297	1301	1302	rBV2	296	417	0.03%	0.004%
59	9.890	1305	1310	1317	rBV3	1777	3249	0.22%	0.029%
60	10.037	1325	1334	1343	rBV	162185	294949	19.77%	2.610%
61	10.250	1365	1369	1373	rVB3	692	1141	0.08%	0.010%
62	10.323	1373	1381	1389	rBV	653607	1159116	77.70%	10.259%
63	10.579	1416	1423	1435	rBV	108041	184993	12.40%	1.637%
64	10.701	1438	1443	1449	rBV	6032	11032	0.74%	0.098%
65	10.927	1473	1480	1492	rBV	181882	323845	21.71%	2.866%
66	11.055	1499	1501	1502	rBV	1665	1205	0.08%	0.011%
67	11.353	1548	1550	1551	rBV2	645	480	0.03%	0.004%
68	11.567	1583	1585	1588	rBV3	373	234	0.02%	0.002%
69	11.634	1588	1596	1608	rBV	597725	1009673	67.68%	8.936%
70	11.768	1616	1618	1619	rBV2	388	281	0.02%	0.002%
71	11.841	1624	1630	1633	rBV4	1282	2307	0.15%	0.020%
72	12.000	1649	1656	1666	rBV2	85365	136612	9.16%	1.209%
73	12.067	1666	1667	1670	rVB3	694	551	0.04%	0.005%
74	12.091	1670	1671	1675	rBV	273	354	0.02%	0.003%
75	12.164	1675	1683	1685	rBV4	1002	1439	0.10%	0.013%
76	12.243	1692	1696	1698	rVB4	994	1122	0.08%	0.010%

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77	12.335	1706	1711	1715	rBV3	1347	2380	0.16%	0.021%
78	12.475	1726	1734	1742	rBV	176771	308646	20.69%	2.732%
79	12.597	1747	1754	1762	rVB3	12393	27655	1.85%	0.245%
80	12.695	1762	1770	1778	rBV	289940	508731	34.10%	4.503%
81	12.859	1794	1797	1800	rVB3	598	693	0.05%	0.006%
82	12.957	1804	1813	1818	rVV5	17037	41359	2.77%	0.366%
83	13.030	1819	1825	1830	rVB	16916	29414	1.97%	0.260%
84	13.109	1830	1838	1839	rBV4	799	1525	0.10%	0.013%
85	13.158	1844	1846	1847	rBV2	1133	944	0.06%	0.008%
86	13.219	1848	1856	1858	rBV4	8949	20267	1.36%	0.179%
87	13.402	1882	1886	1893	rVB5	8138	14975	1.00%	0.133%
88	13.469	1894	1897	1899	rBV2	3609	4089	0.27%	0.036%
89	13.560	1905	1912	1917	rBV	467399	750349	50.30%	6.641%
90	13.621	1917	1922	1932	rVB	282657	467827	31.36%	4.141%
91	13.853	1953	1960	1971	rBV	482373	784497	52.59%	6.943%
92	14.066	1990	1995	2000	rBV2	15532	23513	1.58%	0.208%
93	14.841	2121	2122	2123	rBV	390	249	0.02%	0.002%
94	14.883	2124	2129	2135	rVB3	7031	11634	0.78%	0.103%
95	15.011	2148	2150	2151	rBV2	413	194	0.01%	0.002%
96	15.066	2152	2159	2166	rBV	29610	53703	3.60%	0.475%
97	15.286	2191	2195	2201	rVB6	1880	2967	0.20%	0.026%
98	15.395	2211	2213	2214	rBV	1098	932	0.06%	0.008%
99	15.487	2224	2228	2233	rVB	4065	6848	0.46%	0.061%
100	15.798	2275	2279	2282	rVB5	2221	3077	0.21%	0.027%

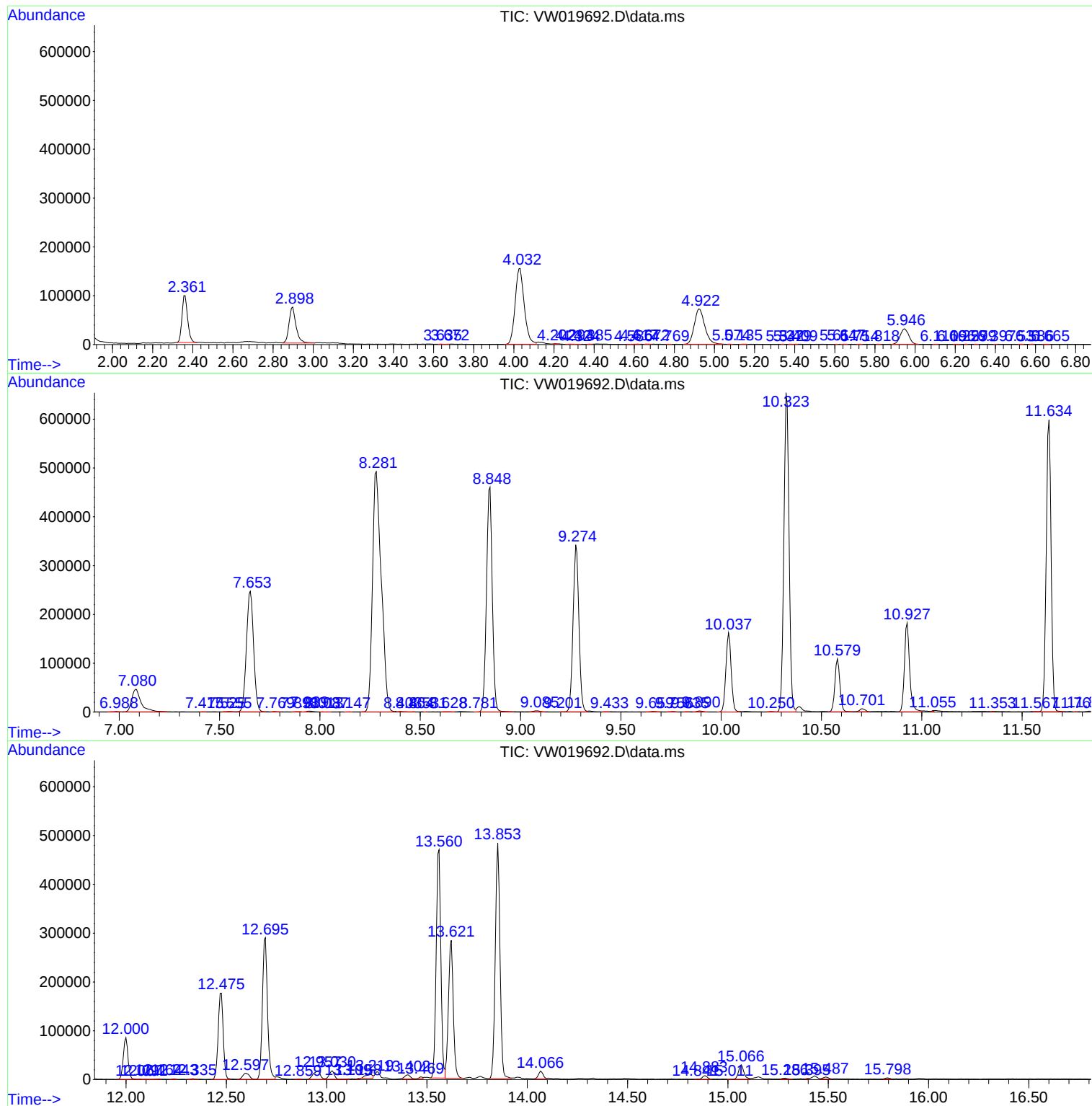
Sum of corrected areas: 11298609

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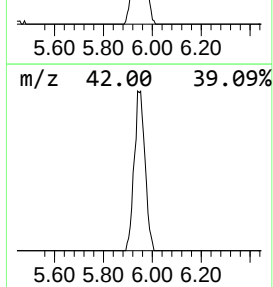
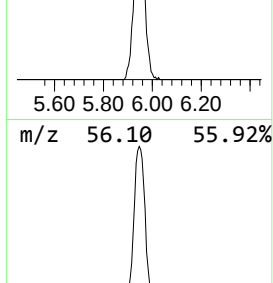
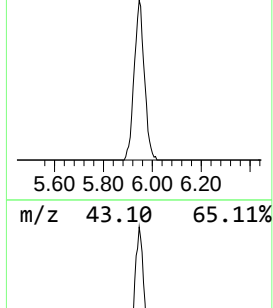
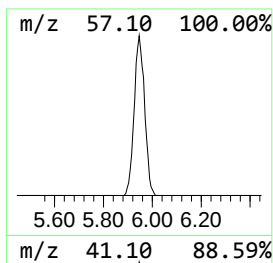
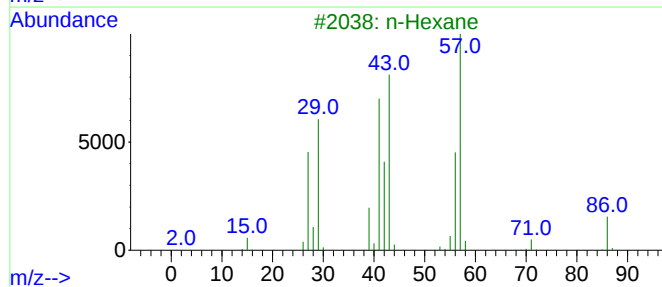
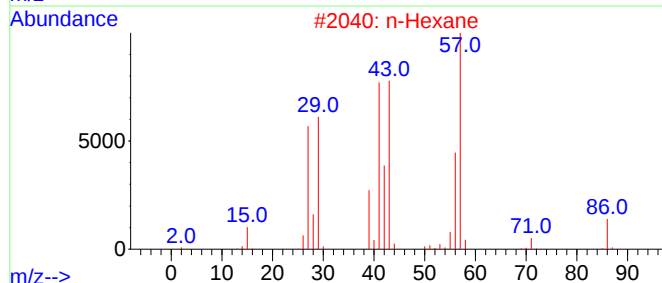
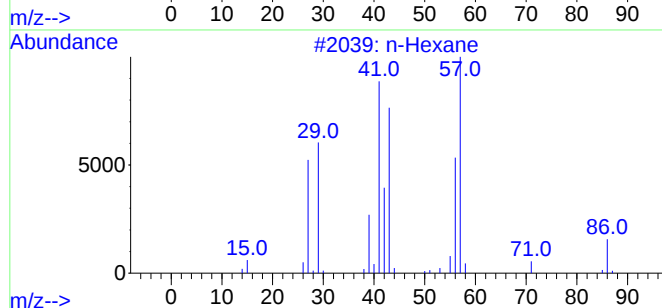
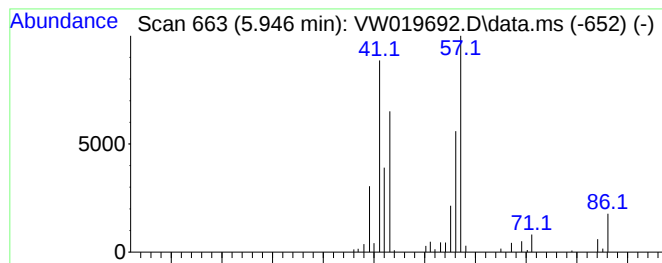
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	2.60 ug/L	95680	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	86
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	56
4		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	53
5		Cyclohexane	84	C6H12	000110-82-7	47



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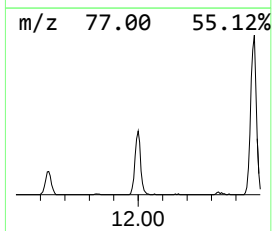
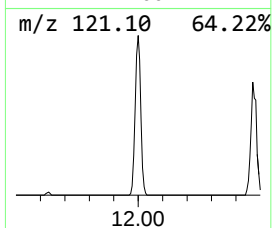
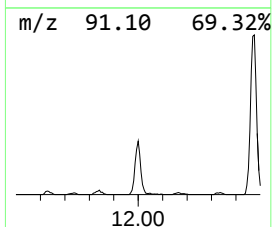
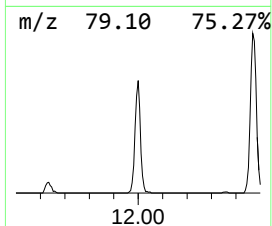
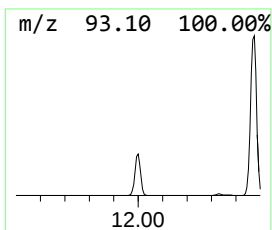
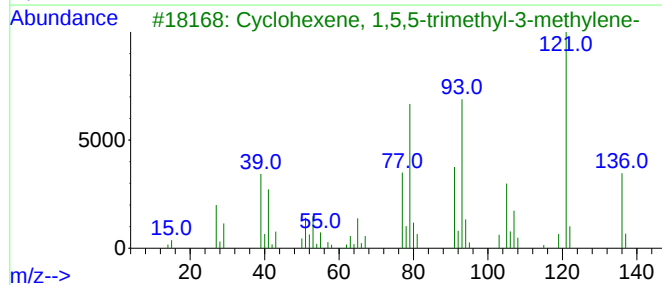
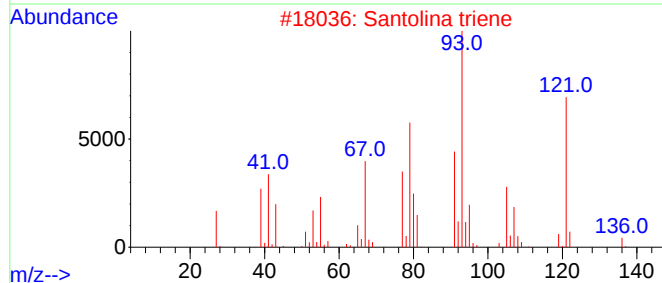
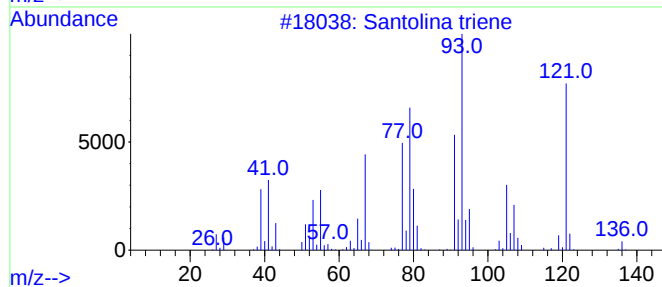
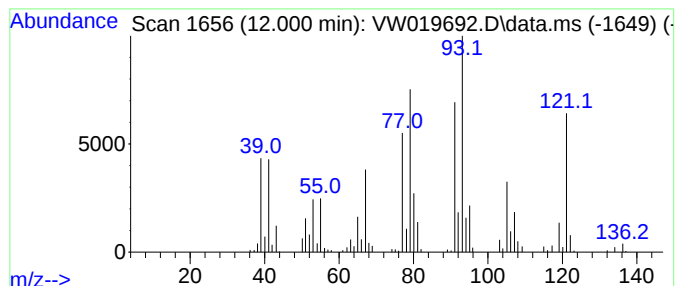
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Santolina triene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.000	3.38 ug/L	136612	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Santolina triene	136	C10H16	002153-66-4	97
2			Santolina triene	136	C10H16	002153-66-4	94
3			Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	93
4			Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	80
5			Santolina triene	136	C10H16	002153-66-4	76



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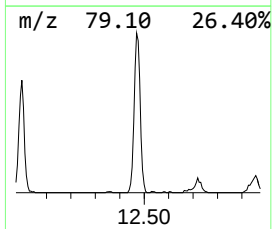
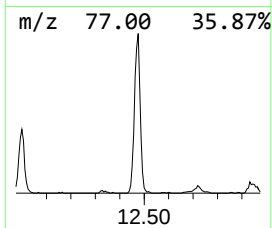
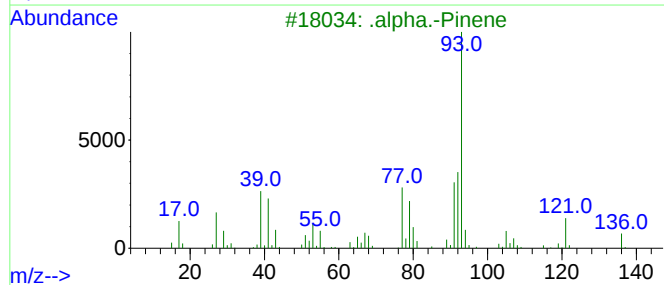
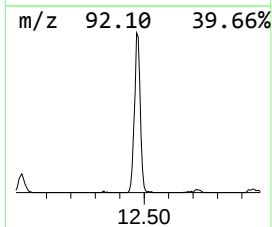
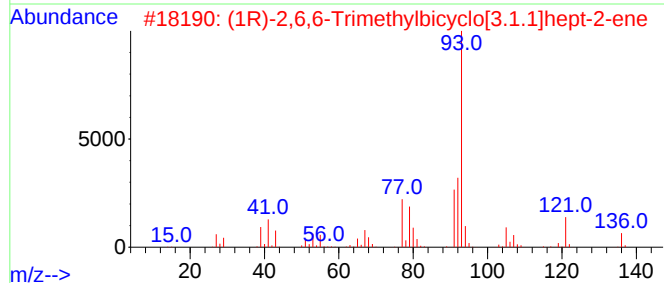
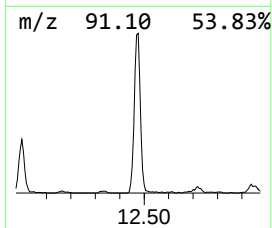
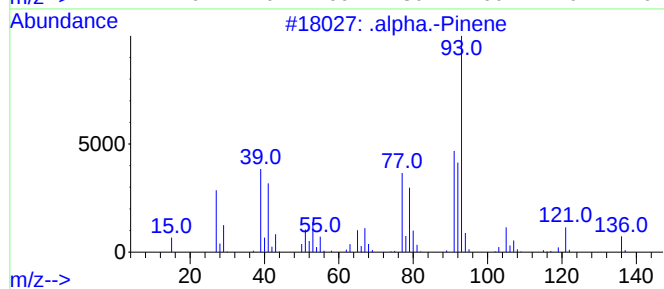
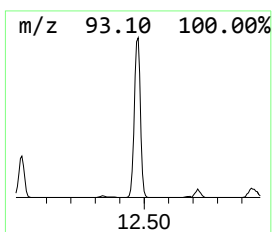
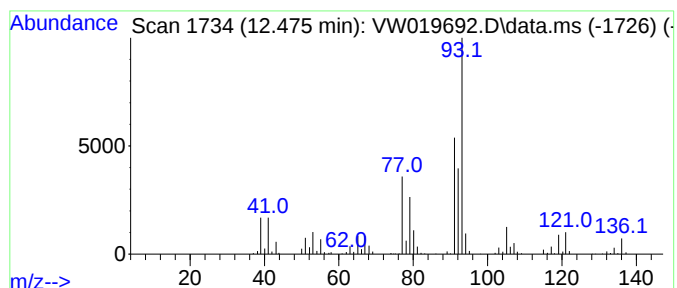
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	7.64 ug/L	308646	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	90
4	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	87
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	83



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Operator : SY/VA
Sample : M3287-06
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGB07

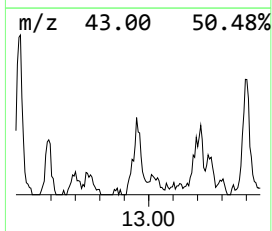
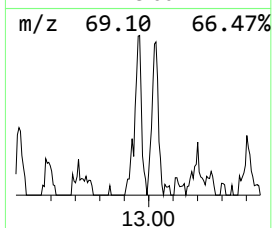
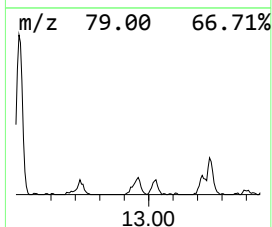
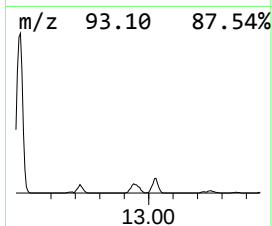
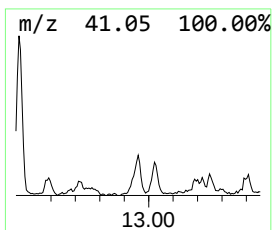
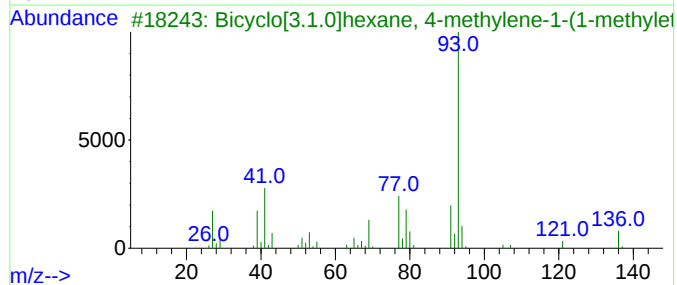
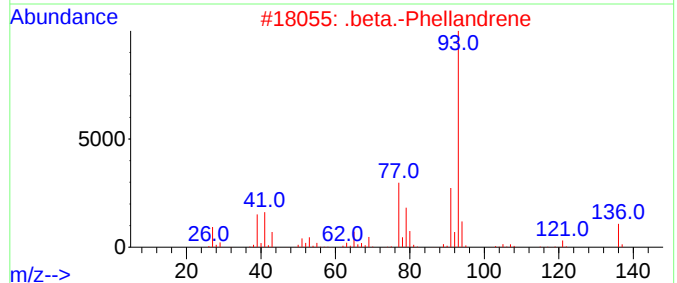
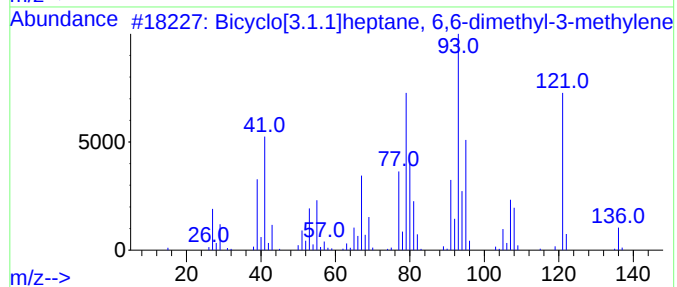
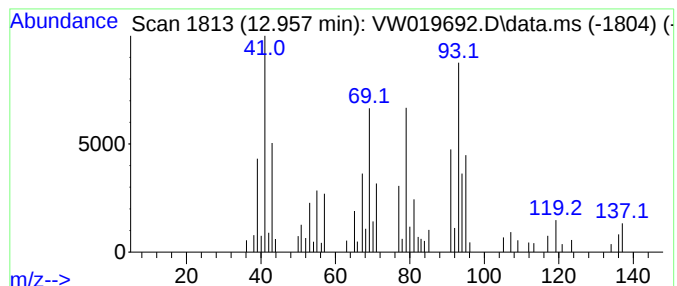
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Quant Title : SFAM01.0

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

Peak Number 5 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	1.38 ug/L	41359	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	64
2			.beta.-Phellandrene	136	C10H16	000555-10-2	43
3			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	43
4			5,5-Dimethyl-1-vinylbicyclo[2.1....	136	C10H16	016626-39-4	43
5			.beta.-Myrcene	136	C10H16	000123-35-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
Data File : VW019692.D
Acq On : 05 Aug 2021 19:13
Operator : SY/VA
Sample : M3287-06
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGB07

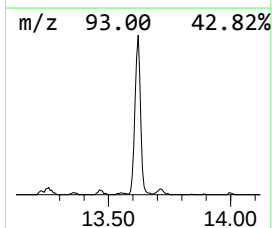
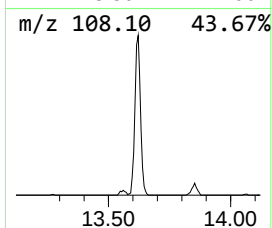
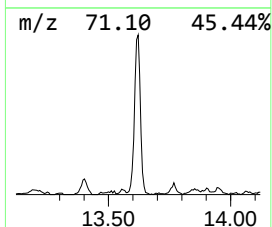
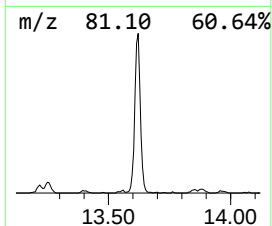
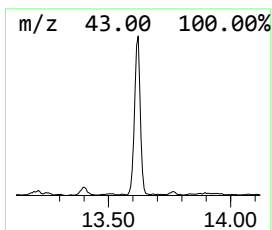
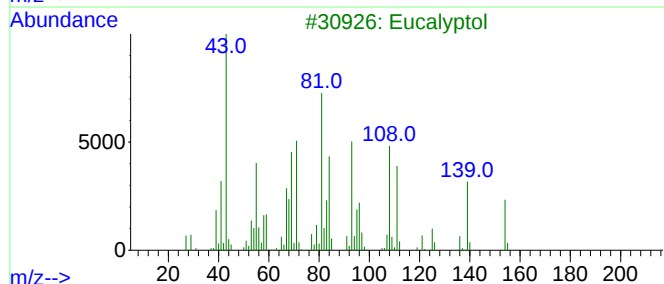
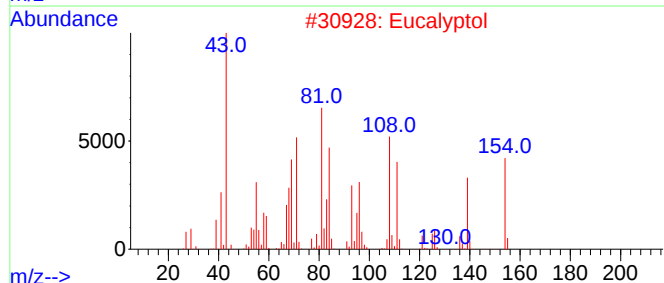
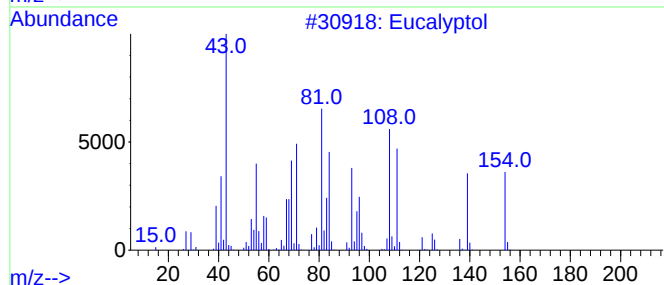
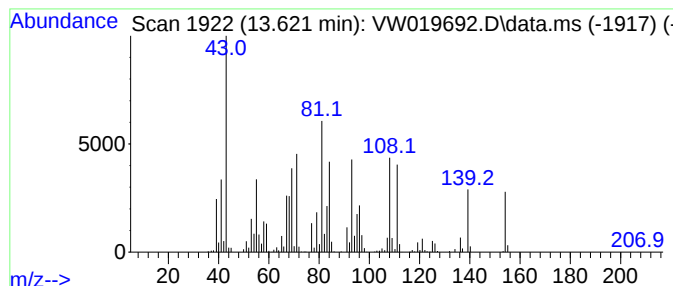
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Quant Title : SFAM01.0

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

Peak Number 6 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	15.59 ug/L	467827	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eucalyptol	154	C10H18O	000470-82-6	99
2			Eucalyptol	154	C10H18O	000470-82-6	96
3			Eucalyptol	154	C10H18O	000470-82-6	95
4			Eucalyptol	154	C10H18O	000470-82-6	94
5			Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
Data File : VW019692.D
Acq On : 05 Aug 2021 19:13
Operator : SY/VA
Sample : M3287-06
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGB07

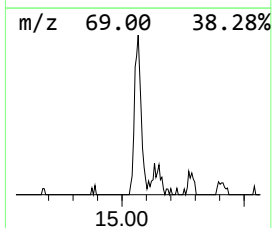
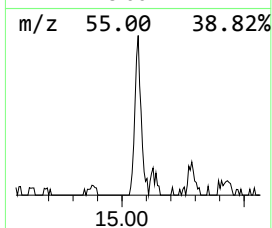
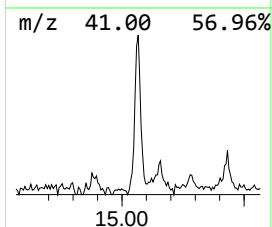
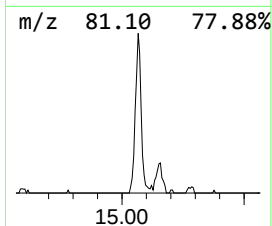
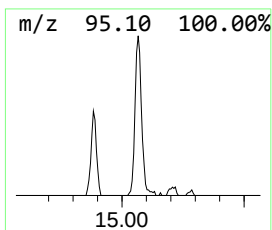
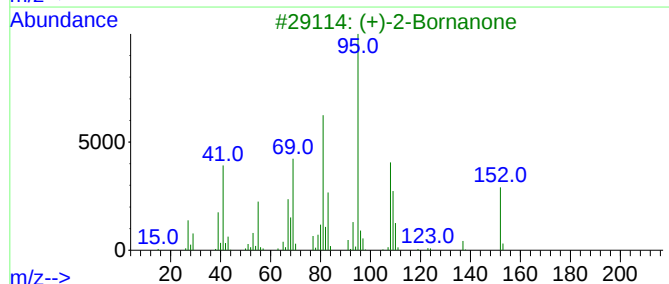
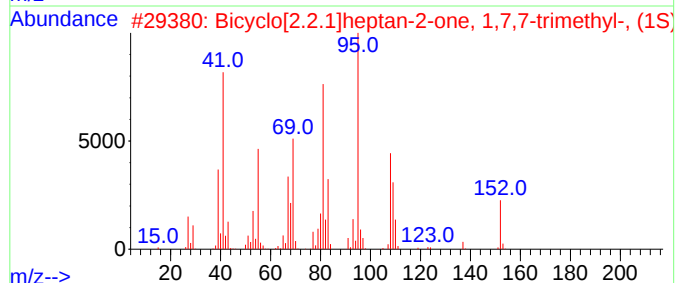
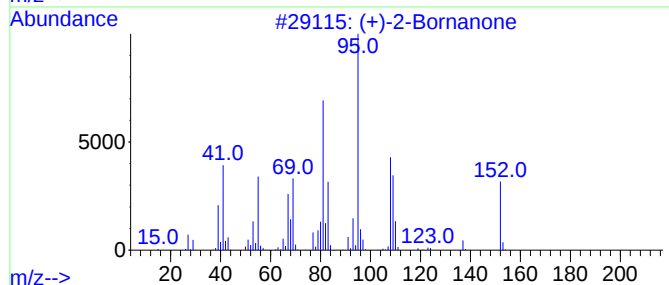
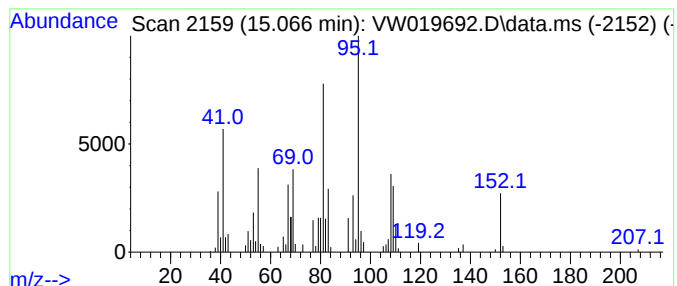
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Quant Title : SFAM01.0

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

Peak Number 7 (+)-2-Bornanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	1.79 ug/L	53703	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3			(+)-2-Bornanone	152	C10H16O	000464-49-3	97
4			(+)-2-Bornanone	152	C10H16O	000464-49-3	97
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
Data File : VW019692.D
Acq On : 05 Aug 2021 19:13
Operator : SY/VA
Sample : M3287-06
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGB07

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	2.6	ug/L	95680	1	8.848	921151	25.0
Santolina triene	12.000	3.4	ug/L	136612	2	11.634	1009670	25.0
.alpha.-Pinene	12.475	7.6	ug/L	308646	2	11.634	1009670	25.0
Bicyclo[3.1.1]h...	12.957	1.4	ug/L	41359	3	13.560	750349	25.0
Eucalyptol	13.621	15.6	ug/L	467827	3	13.560	750349	25.0
(+)-2-Bornanone	15.066	1.8	ug/L	53703	3	13.560	750349	25.0