

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
 Data File : VW024496.D
 Acq On : 30 Aug 2022 17:35
 Operator : SY/VA
 Sample : N4440-03
 Misc : 5.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZJ9

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\SFAMWLM082622SMA.M
 Title : SFAM01.0

Signal : TIC: VW024496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	38	40	42	rBV3	1575	1537	0.06%	0.010%
2	2.239	47	55	56	rBV7	10770	23447	0.97%	0.151%
3	2.337	66	71	81	rVB	200318	321599	13.32%	2.072%
4	2.867	152	158	169	rVB	116220	237766	9.85%	1.532%
5	3.666	286	289	292	rBV5	1580	2402	0.10%	0.015%
6	4.001	333	344	357	rBV2	128517	395109	16.37%	2.545%
7	4.123	360	364	375	rVB	13337	31957	1.32%	0.206%
8	4.318	393	396	397	rBV3	1201	1359	0.06%	0.009%
9	4.379	403	406	408	rVV4	2196	3231	0.13%	0.021%
10	4.403	408	410	416	rVB5	2492	4470	0.19%	0.029%
11	4.501	422	426	428	rVB6	1434	1853	0.08%	0.012%
12	4.580	436	439	444	rBV6	1797	3004	0.12%	0.019%
13	4.726	459	463	466	rVB6	1930	2673	0.11%	0.017%
14	4.909	482	493	507	rBV3	48668	164816	6.83%	1.062%
15	5.117	518	527	534	rBV8	3853	12468	0.52%	0.080%
16	5.318	558	560	564	rVB5	1105	1363	0.06%	0.009%
17	5.403	572	574	576	rBV3	1300	1612	0.07%	0.010%
18	5.629	606	611	613	rBV5	1191	1763	0.07%	0.011%
19	5.708	620	624	625	rBV4	1596	1552	0.06%	0.010%
20	5.781	634	636	639	rVB4	1305	1439	0.06%	0.009%
21	5.903	651	656	657	rBV4	4363	5212	0.22%	0.034%
22	6.001	669	672	674	rVB4	1127	1485	0.06%	0.010%
23	6.366	730	732	735	rVV3	1482	2088	0.09%	0.013%
24	6.403	735	738	740	rVV4	2105	2078	0.09%	0.013%
25	6.501	752	754	756	rVB2	1720	1484	0.06%	0.010%
26	6.525	756	758	759	rBV2	1571	1443	0.06%	0.009%
27	6.885	813	817	819	rBV5	1386	1914	0.08%	0.012%
28	6.927	819	824	826	rBV6	1257	1916	0.08%	0.012%
29	7.080	839	849	855	rBV	32622	94768	3.93%	0.610%
30	7.159	855	862	872	rVB3	40742	128239	5.31%	0.826%
31	7.647	928	942	954	rVV2	222160	544756	22.57%	3.509%
32	7.805	967	968	971	rBV3	1177	1395	0.06%	0.009%
33	7.854	975	976	980	rVB4	1796	1639	0.07%	0.011%
34	7.964	991	994	997	rBV5	2112	2661	0.11%	0.017%
35	8.159	1021	1026	1028	rBV5	2289	3940	0.16%	0.025%
36	8.268	1032	1044	1060	rBV2	413513	1262923	52.32%	8.135%

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Integrator: RTE

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Title : SFAM01.0

37	8.701	1112	1115	1119	rVB6	1619	2165	0.09%	0.014%
38	8.842	1129	1138	1149	rVV	525223	1043771	43.24%	6.724%
39	9.091	1170	1179	1187	rBV5	20716	47961	1.99%	0.309%
40	9.268	1200	1208	1223	rBV	287864	583837	24.19%	3.761%
41	9.585	1257	1260	1262	rBV4	1605	1810	0.07%	0.012%
42	9.658	1269	1272	1274	rBV4	1195	1412	0.06%	0.009%
43	9.963	1321	1322	1325	rVV3	1753	1788	0.07%	0.012%
44	10.030	1327	1333	1342	rVV	137986	257440	10.66%	1.658%
45	10.122	1342	1348	1355	rVB4	7829	17055	0.71%	0.110%
46	10.201	1360	1361	1366	rVV5	1108	1500	0.06%	0.010%
47	10.323	1371	1381	1391	rBV	588833	1042438	43.18%	6.715%
48	10.579	1416	1423	1429	rBV	88953	156437	6.48%	1.008%
49	10.701	1437	1443	1451	rVB2	16244	31987	1.33%	0.206%
50	10.774	1451	1455	1458	rVB5	1953	3013	0.12%	0.019%
51	10.859	1461	1469	1474	rBV6	11356	25582	1.06%	0.165%
52	10.927	1474	1480	1492	rVV	133978	236179	9.78%	1.521%
53	11.061	1496	1502	1515	rVB	31218	57465	2.38%	0.370%
54	11.177	1515	1521	1522	rBV5	2011	3630	0.15%	0.023%
55	11.274	1534	1537	1538	rVV3	1337	1477	0.06%	0.010%
56	11.329	1545	1546	1551	rVB5	1726	1756	0.07%	0.011%
57	11.378	1551	1554	1555	rBV3	1856	1756	0.07%	0.011%
58	11.396	1555	1557	1558	rVV2	2227	1520	0.06%	0.010%
59	11.433	1558	1563	1570	rVB5	9293	18497	0.77%	0.119%
60	11.628	1588	1595	1605	rVV	735068	1212197	50.22%	7.808%
61	11.829	1623	1628	1640	rVB	5969	16017	0.66%	0.103%
62	12.024	1655	1660	1663	rBV6	1339	2263	0.09%	0.015%
63	12.170	1677	1684	1689	rVV9	4178	10524	0.44%	0.068%
64	12.329	1703	1710	1716	rBV	53199	89209	3.70%	0.575%
65	12.469	1723	1733	1741	rBV	130866	225213	9.33%	1.451%
66	12.603	1750	1755	1762	rVB3	17875	29653	1.23%	0.191%
67	12.688	1762	1769	1779	rVB	226809	380808	15.78%	2.453%
68	12.816	1786	1790	1795	rVB7	5906	9093	0.38%	0.059%
69	12.884	1795	1801	1802	rBV6	2998	4800	0.20%	0.031%
70	12.932	1802	1809	1820	rVV	1614728	2413979	100.00%	15.550%
71	13.024	1820	1824	1830	rVV3	17724	35414	1.47%	0.228%
72	13.073	1830	1832	1836	rVB5	3188	4694	0.19%	0.030%
73	13.243	1853	1860	1866	rBV	262266	402914	16.69%	2.595%
74	13.359	1872	1879	1891	rVB	478447	719508	29.81%	4.635%
75	13.469	1891	1897	1899	rBV2	28992	50427	2.09%	0.325%
76	13.554	1905	1911	1919	rBV	931607	1432965	59.36%	9.231%

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 Title : SFAM01.0

77	13.713	1930	1937	1947	rBV	393166	572422	23.71%	3.687%
78	13.847	1952	1959	1972	rVB	464275	777582	32.21%	5.009%
79	13.938	1972	1974	1976	rBV3	2486	2264	0.09%	0.015%
80	13.993	1977	1983	1988	rVV	100378	156849	6.50%	1.010%
81	14.042	1988	1991	2002	rVB3	18226	40190	1.66%	0.259%
82	14.152	2007	2009	2012	rVB5	1969	1368	0.06%	0.009%
83	14.261	2023	2027	2030	rBV5	2773	3593	0.15%	0.023%
84	14.316	2034	2036	2040	rVB5	3063	3516	0.15%	0.023%
85	14.475	2060	2062	2066	rVB5	1845	1659	0.07%	0.011%
86	14.554	2074	2075	2079	rVB4	1360	1346	0.06%	0.009%
87	14.627	2081	2087	2088	rBV6	3210	4144	0.17%	0.027%
88	14.700	2094	2099	2100	rBV5	2289	3717	0.15%	0.024%
89	14.901	2130	2132	2137	rBV6	1689	2709	0.11%	0.017%
90	15.023	2149	2152	2157	rBV7	4017	5499	0.23%	0.035%
91	15.097	2158	2164	2169	rBV4	24684	43954	1.82%	0.283%
92	15.249	2183	2189	2193	rBV8	7542	13892	0.58%	0.089%
93	15.432	2214	2219	2223	rBV7	6902	9915	0.41%	0.064%
94	15.755	2269	2272	2275	rBV5	1874	2981	0.12%	0.019%
95	16.035	2316	2318	2322	rVB4	1615	1749	0.07%	0.011%
96	16.066	2322	2323	2326	rBV3	1578	1830	0.08%	0.012%
97	16.169	2337	2340	2342	rBV4	1652	2151	0.09%	0.014%
98	16.194	2342	2344	2347	rBV4	1075	1358	0.06%	0.009%
99	16.505	2393	2395	2399	rVB5	2076	2024	0.08%	0.013%
100	16.627	2409	2415	2422	rBV5	5552	13961	0.58%	0.090%

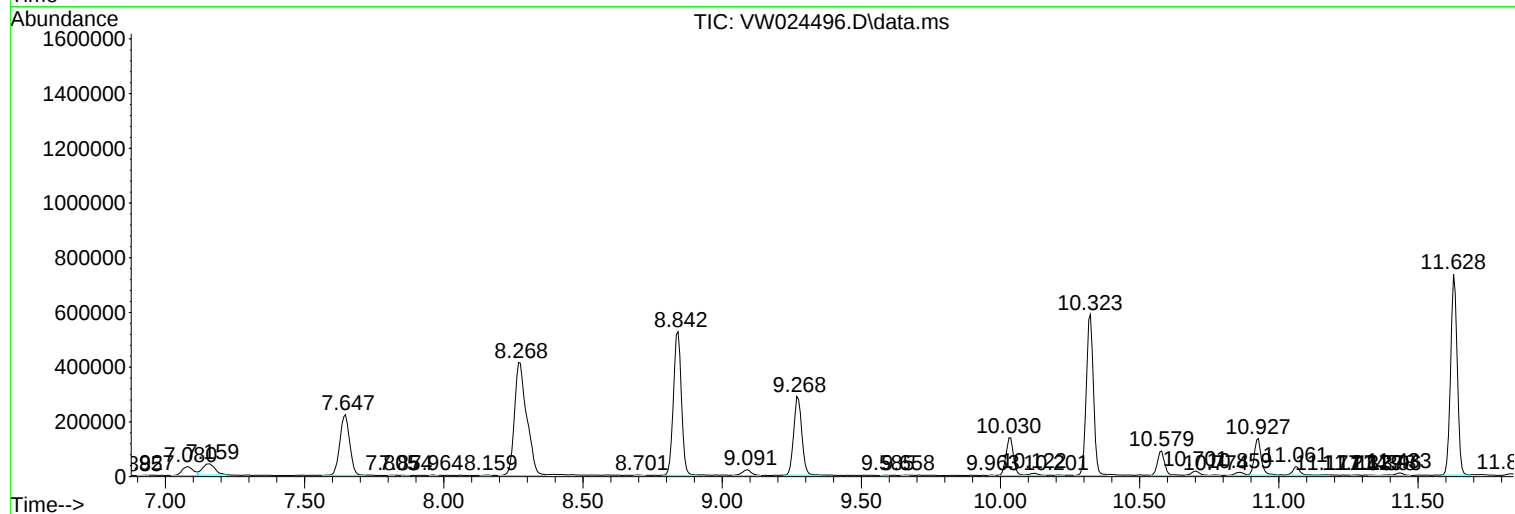
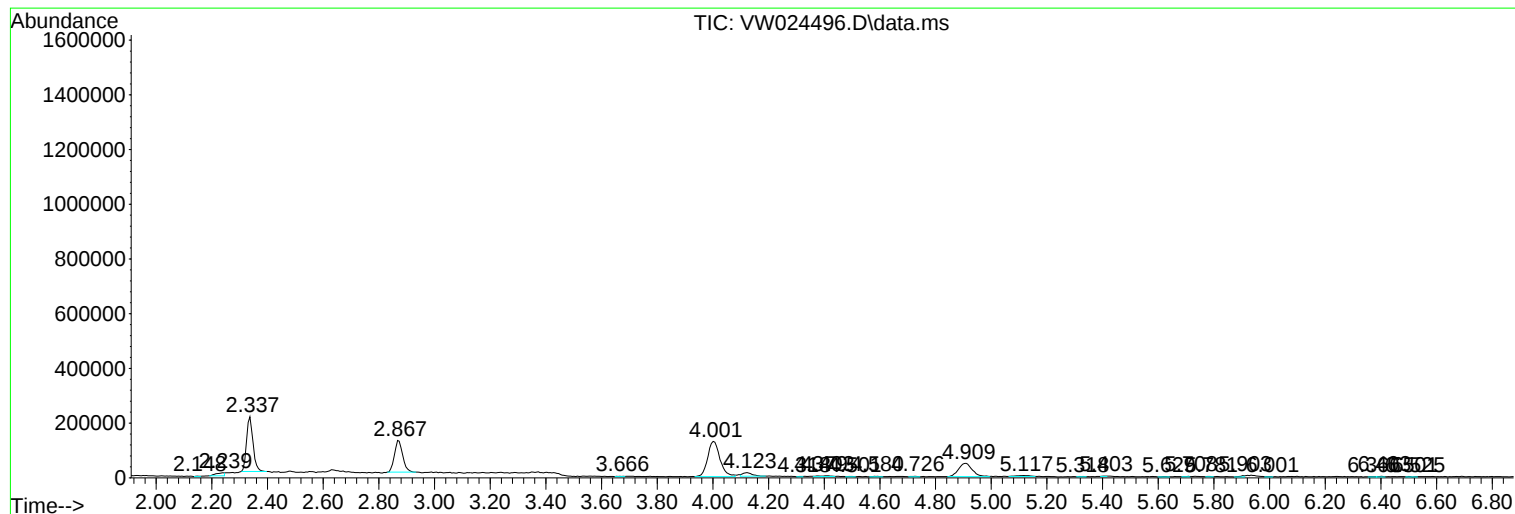
Sum of corrected areas: 15524188

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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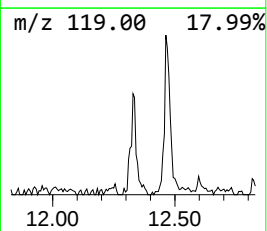
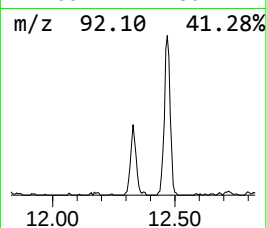
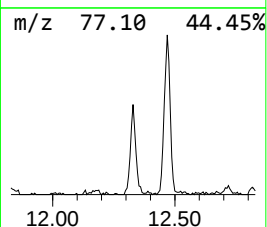
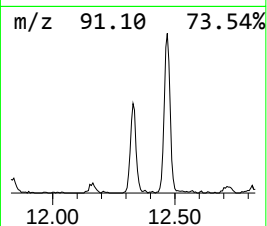
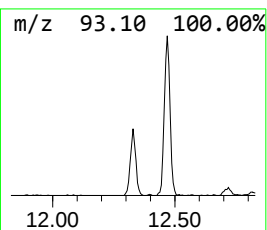
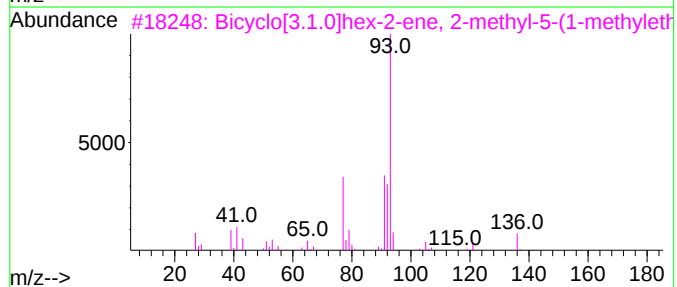
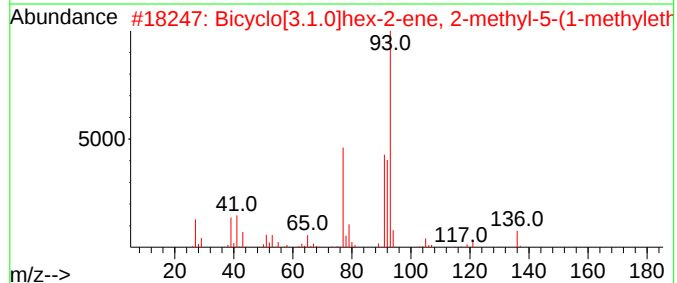
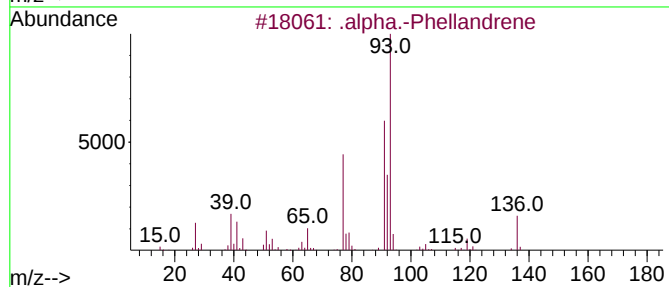
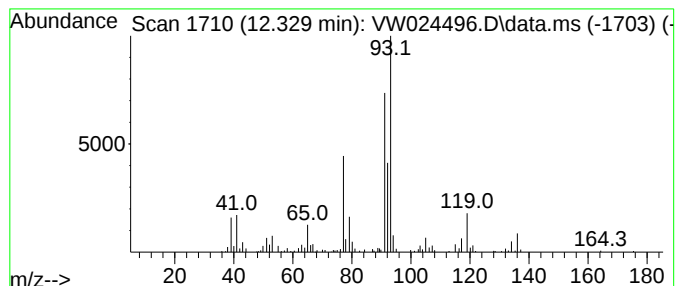
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Phellandrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.329	1.84 ug/L	89209	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Phellandrene	136	C10H16	000099-83-2	87
2		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	87
3		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	72
4		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	72
5		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	58



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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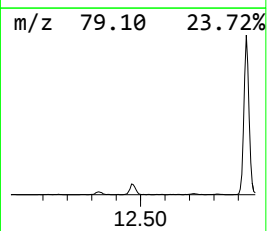
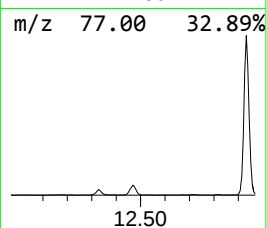
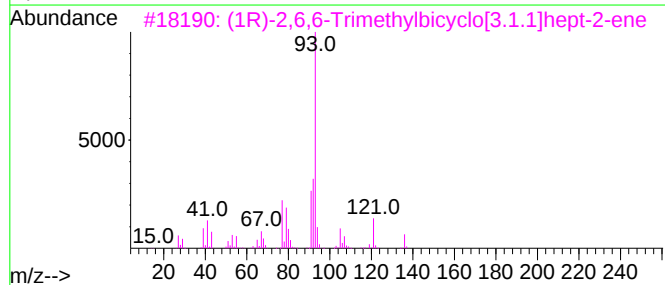
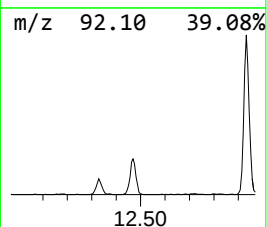
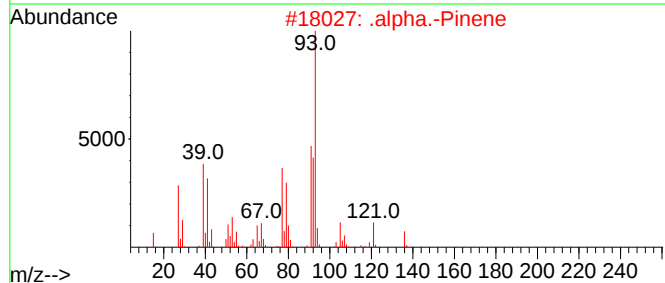
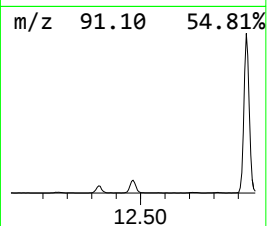
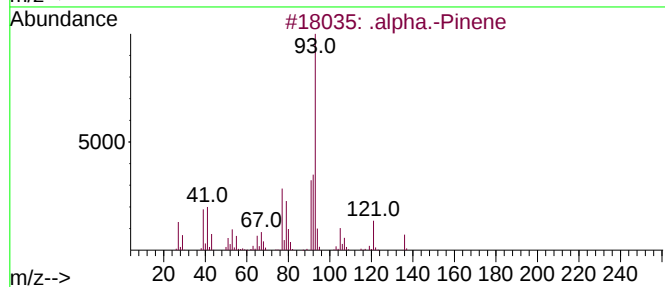
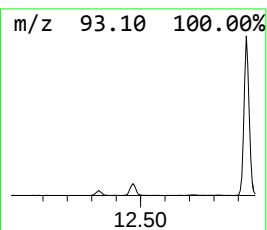
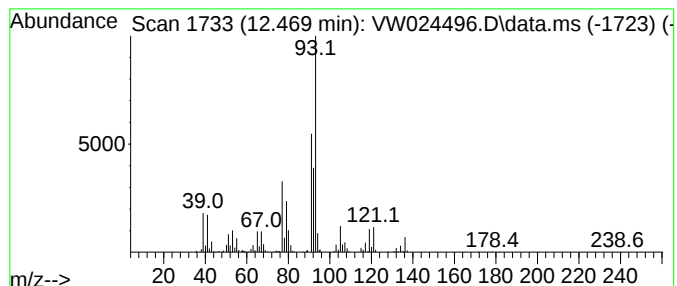
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.64 ug/L	225213	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	93
3		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	93
5		.alpha.-Pinene	136	C10H16	000080-56-8	90



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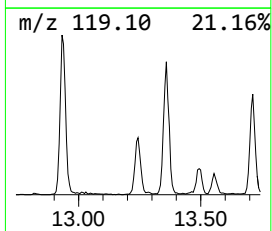
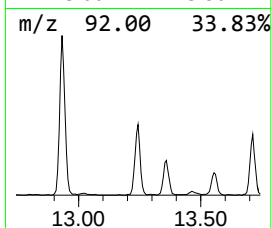
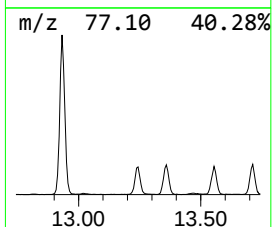
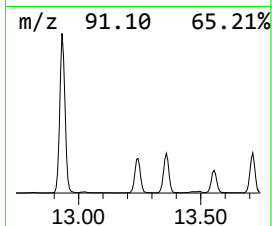
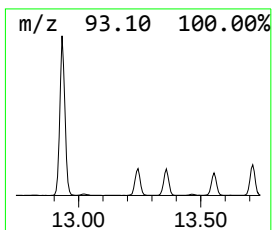
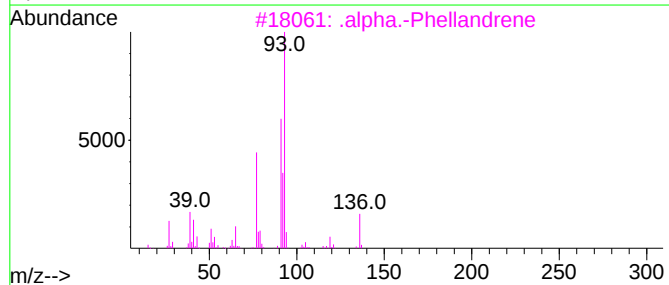
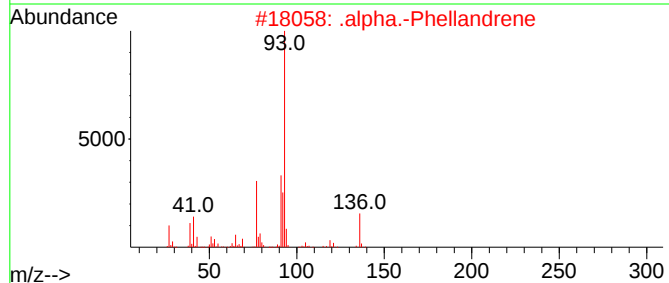
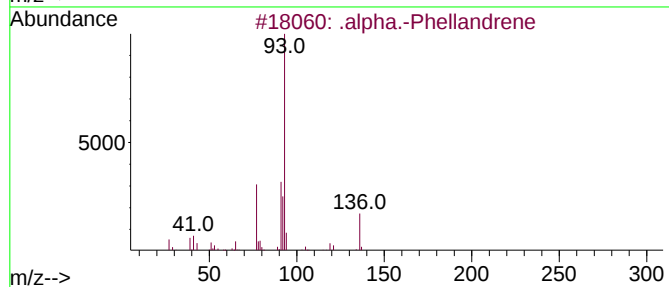
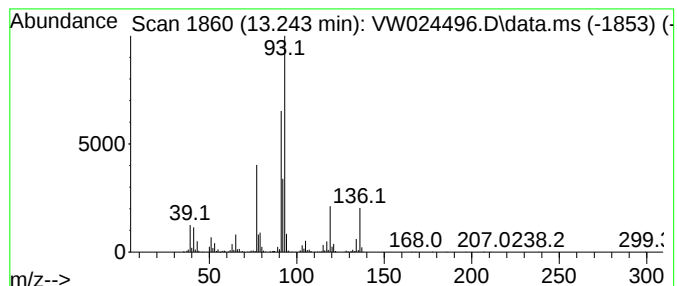
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[3.1.0]hex-2-ene, 2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	7.03 ug/L	402914	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Phellandrene	136	C10H16	000099-83-2	93
2	.	alpha.-Phellandrene	136	C10H16	000099-83-2	87
3	.	alpha.-Phellandrene	136	C10H16	000099-83-2	87
4	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81
5		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
Data File : VW024496.D
Acq On : 30 Aug 2022 17:35
Operator : SY/VA
Sample : N4440-03
Misc : 5.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZJ9

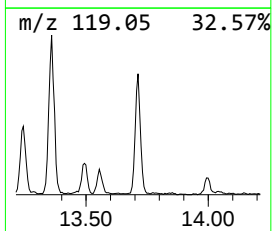
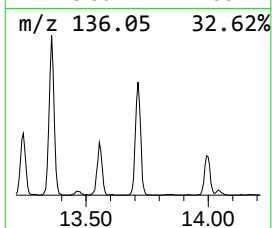
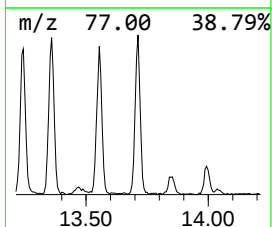
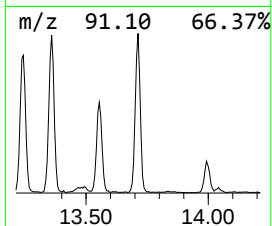
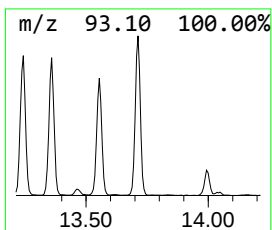
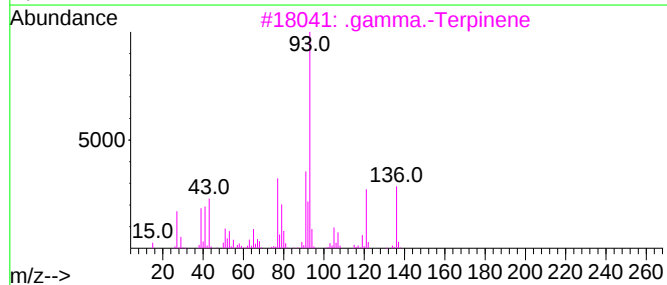
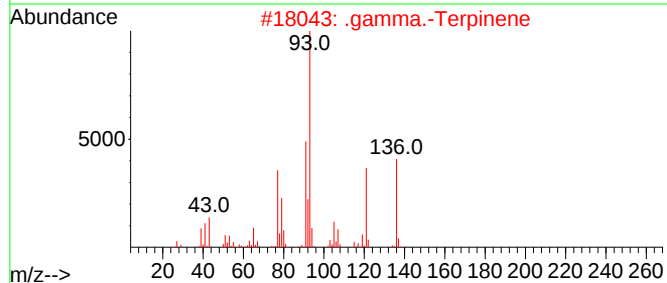
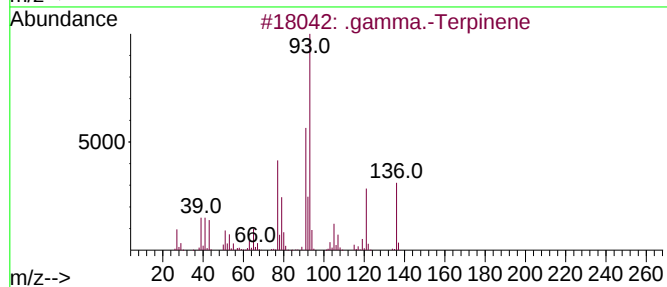
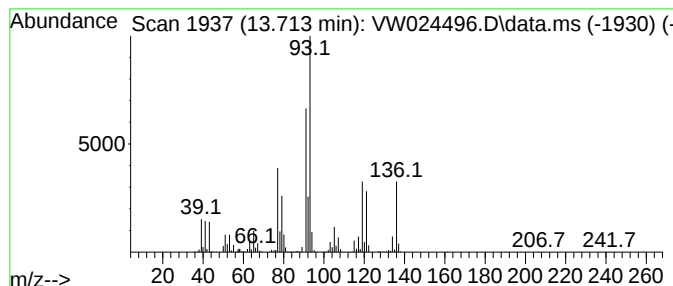
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Quant Title : SFAM01.0

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

Peak Number 6 .gamma.-Terpinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	9.99 ug/L	572422	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-Terpinene	136	C10H16	000099-85-4	96	
2	.	gamma.-Terpinene	136	C10H16	000099-85-4	94	
3	.	gamma.-Terpinene	136	C10H16	000099-85-4	94	
4	.	gamma.-Terpinene	136	C10H16	000099-85-4	93	
5	.	gamma.-Terpinene	136	C10H16	000099-85-4	90	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
Data File : VW024496.D
Acq On : 30 Aug 2022 17:35
Operator : SY/VA
Sample : N4440-03
Misc : 5.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZJ9

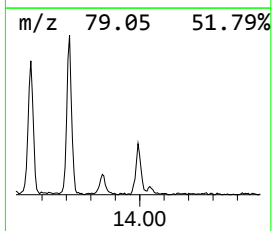
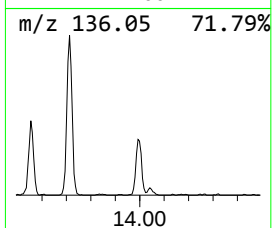
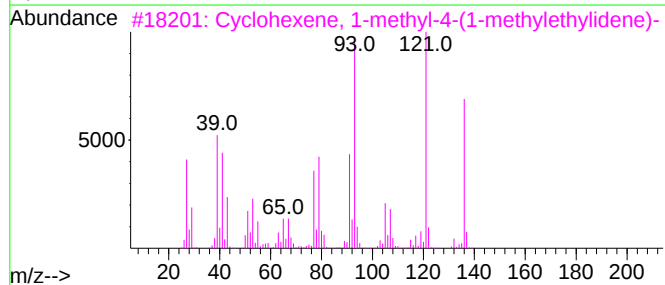
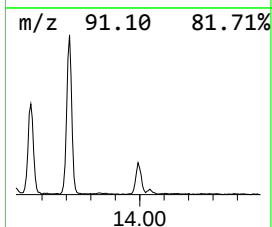
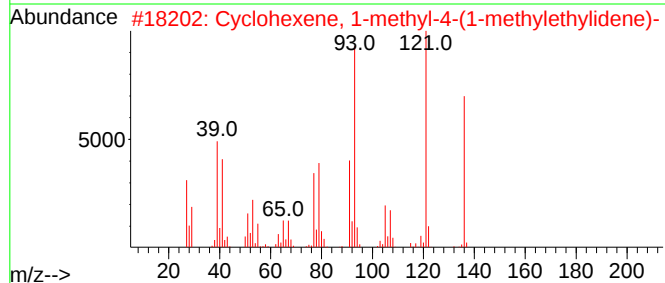
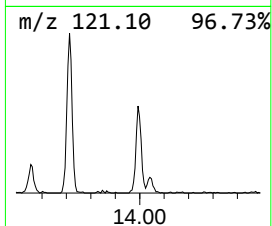
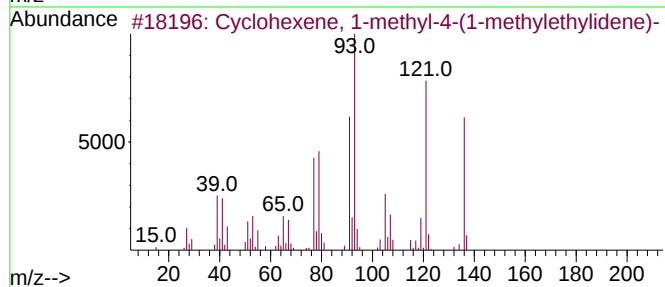
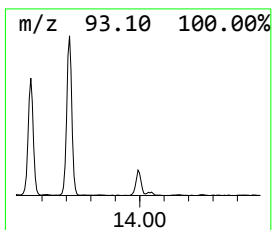
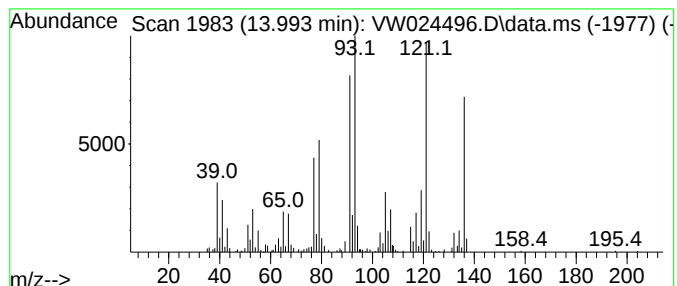
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.993	2.74 ug/L	156849	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	96
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	94
5			2-Carene	136	C10H16	000554-61-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
Data File : VW024496.D
Acq On : 30 Aug 2022 17:35
Operator : SY/VA
Sample : N4440-03
Misc : 5.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0ZJ9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.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.-Phelland...	12.329	1.8	ug/L	89209	2	11.628	1212200	25.0
.alpha.-Pinene	12.469	4.6	ug/L	225213	2	11.628	1212200	25.0
Bicyclo[3.1.0]h...	13.243	7.0	ug/L	402914	3	13.554	1432970	25.0
.gamma.-Terpinene	13.713	10.0	ug/L	572422	3	13.554	1432970	25.0
Cyclohexene, 1-...	13.993	2.7	ug/L	156849	3	13.554	1432970	25.0