

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
 Data File : VW025680.D
 Acq On : 25 Apr 2023 13:50
 Operator : SY/MD
 Sample : 02479-14
 Misc : 5.02g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW973

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

Signal : TIC: VW025680.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	72	78	88	rBV	105299	261398	9.66%	1.492%
2	2.893	158	165	178	rBV	103597	299095	11.05%	1.707%
3	3.295	228	231	232	rBV3	1738	1749	0.06%	0.010%
4	3.375	242	244	248	rVB5	2204	2280	0.08%	0.013%
5	3.728	299	302	306	rVB6	2089	2816	0.10%	0.016%
6	3.777	309	310	317	rVB7	2047	2589	0.10%	0.015%
7	3.905	329	331	335	rVB5	2253	2730	0.10%	0.016%
8	4.021	338	350	374	rBV	244094	826262	30.53%	4.715%
9	4.283	389	393	396	rVB6	2200	3797	0.14%	0.022%
10	4.374	404	408	409	rBV4	2094	3022	0.11%	0.017%
11	4.771	470	473	476	rVB5	1333	1661	0.06%	0.009%
12	4.917	484	497	519	rBV	71336	279243	10.32%	1.594%
13	5.222	546	547	550	rVB3	1972	2003	0.07%	0.011%
14	5.252	550	552	554	rBV3	2114	2064	0.08%	0.012%
15	5.600	603	609	611	rBV7	2525	5280	0.20%	0.030%
16	5.618	611	612	615	rVB3	2377	2136	0.08%	0.012%
17	5.655	615	618	620	rBV4	1858	2639	0.10%	0.015%
18	5.679	620	622	624	rVV3	2466	2094	0.08%	0.012%
19	5.716	624	628	629	rVV4	1512	2261	0.08%	0.013%
20	5.868	650	653	655	rBV4	1651	1956	0.07%	0.011%
21	5.941	655	665	673	rVV6	13586	39261	1.45%	0.224%
22	6.167	700	702	706	rVB5	1803	2497	0.09%	0.014%
23	6.209	706	709	711	rBV4	2032	1773	0.07%	0.010%
24	6.484	753	754	759	rVB5	1818	1695	0.06%	0.010%
25	6.533	759	762	763	rVB3	2269	1683	0.06%	0.010%
26	6.636	775	779	781	rVB5	2062	2812	0.10%	0.016%
27	6.691	781	788	790	rBV8	1436	2202	0.08%	0.013%
28	6.935	826	828	831	rVB4	1539	1931	0.07%	0.011%
29	6.965	831	833	834	rBV2	2388	1779	0.07%	0.010%
30	7.075	843	851	869	rBV	102051	318834	11.78%	1.819%
31	7.337	893	894	899	rVB3	1720	1809	0.07%	0.010%
32	7.441	909	911	914	rVB4	1595	1685	0.06%	0.010%
33	7.648	935	945	957	rVB	480180	1165068	43.04%	6.649%
34	7.801	966	970	973	rVB6	1897	2948	0.11%	0.017%
35	7.849	975	978	980	rVB4	1553	1732	0.06%	0.010%
36	7.874	980	982	984	rBV3	1714	1654	0.06%	0.009%

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37	7.953	991	995	998	rBV6	2192	3958	0.15%	0.023%
38	8.038	1006	1009	1013	rVB6	1833	2627	0.10%	0.015%
39	8.093	1016	1018	1020	rBV3	2297	2061	0.08%	0.012%
40	8.276	1036	1048	1065	rBV2	914161	2706810	100.00%	15.447%
41	8.569	1095	1096	1101	rVB5	2154	2591	0.10%	0.015%
42	8.630	1103	1106	1108	rBV3	1770	2211	0.08%	0.013%
43	8.691	1112	1116	1117	rBV4	1616	2388	0.09%	0.014%
44	8.843	1132	1141	1157	rBV	1049243	2066318	76.34%	11.792%
45	9.050	1170	1175	1176	rBV5	1961	3417	0.13%	0.019%
46	9.081	1176	1180	1184	rVB6	4190	6087	0.22%	0.035%
47	9.172	1192	1195	1196	rBV3	2129	2899	0.11%	0.017%
48	9.276	1202	1212	1221	rBV	661822	1355363	50.07%	7.734%
49	9.666	1273	1276	1281	rBV7	4080	7378	0.27%	0.042%
50	9.825	1301	1302	1307	rVB5	1648	2213	0.08%	0.013%
51	9.898	1310	1314	1320	rVB9	3091	5343	0.20%	0.030%
52	10.032	1329	1336	1347	rBV	281688	507521	18.75%	2.896%
53	10.325	1376	1384	1393	rBV	988187	1772428	65.48%	10.114%
54	10.575	1419	1425	1435	rBV	160849	280940	10.38%	1.603%
55	10.696	1438	1445	1451	rVB4	9506	19551	0.72%	0.112%
56	10.861	1465	1472	1476	rBV	29297	49743	1.84%	0.284%
57	10.922	1476	1482	1497	rVB	328839	561537	20.75%	3.204%
58	11.294	1541	1543	1547	rBV5	2099	2307	0.09%	0.013%
59	11.330	1547	1549	1551	rVV3	1720	1652	0.06%	0.009%
60	11.434	1563	1566	1570	rBV6	1444	1897	0.07%	0.011%
61	11.519	1579	1580	1585	rVB5	1742	1796	0.07%	0.010%
62	11.629	1590	1598	1610	rBV	1012348	1669169	61.67%	9.525%
63	11.727	1610	1614	1621	rVB6	13483	24518	0.91%	0.140%
64	11.830	1626	1631	1632	rBV5	3812	5196	0.19%	0.030%
65	12.019	1658	1662	1667	rVB8	1028	1789	0.07%	0.010%
66	12.111	1675	1677	1679	rVB3	2021	1932	0.07%	0.011%
67	12.160	1679	1685	1686	rBV6	3826	6231	0.23%	0.036%
68	12.233	1694	1697	1699	rVV4	1401	1827	0.07%	0.010%
69	12.330	1707	1713	1721	rBV2	10524	20144	0.74%	0.115%
70	12.471	1729	1736	1745	rBV	107181	179948	6.65%	1.027%
71	12.599	1752	1757	1764	rVB3	24185	45348	1.68%	0.259%
72	12.690	1765	1772	1782	rBV	453128	756075	27.93%	4.315%
73	12.934	1806	1812	1820	rVV	151478	259813	9.60%	1.483%
74	13.025	1820	1827	1835	rVB	105730	185461	6.85%	1.058%
75	13.196	1852	1855	1856	rBV3	1711	1645	0.06%	0.009%
76	13.239	1858	1862	1869	rVB5	7945	13698	0.51%	0.078%

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 Title : SFAM01.0

77	13.355	1877	1881	1886	rBV3	19917	31359	1.16%	0.179%
78	13.464	1894	1899	1908	rBV3	50797	104678	3.87%	0.597%
79	13.556	1908	1914	1924	rVB	453316	713402	26.36%	4.071%
80	13.714	1934	1940	1945	rBV	28090	44955	1.66%	0.257%
81	13.848	1955	1962	1975	rBV	372082	616783	22.79%	3.520%
82	13.995	1981	1986	1991	rBV2	26801	41837	1.55%	0.239%
83	14.062	1991	1997	2004	rVB	30434	52818	1.95%	0.301%
84	14.324	2034	2040	2045	rVV10	5882	10947	0.40%	0.062%
85	14.415	2050	2055	2058	rBV7	6456	9703	0.36%	0.055%
86	14.470	2062	2064	2066	rBV3	2529	1951	0.07%	0.011%
87	14.586	2078	2083	2085	rBV6	1991	3440	0.13%	0.020%
88	14.684	2096	2099	2100	rBV3	2801	2971	0.11%	0.017%
89	14.720	2102	2105	2109	rVB6	4039	7019	0.26%	0.040%
90	14.757	2109	2111	2114	rBV4	2520	2560	0.09%	0.015%
91	15.080	2162	2164	2166	rBV3	2041	1734	0.06%	0.010%
92	15.177	2176	2180	2181	rBV3	2718	3180	0.12%	0.018%
93	15.232	2184	2189	2190	rBV5	1991	3414	0.13%	0.019%
94	15.427	2214	2221	2226	rBV	26851	47146	1.74%	0.269%
95	15.476	2227	2229	2233	rVB	7334	9336	0.34%	0.053%
96	15.653	2255	2258	2259	rBV3	2305	2534	0.09%	0.014%
97	15.787	2276	2280	2281	rBV4	4265	4758	0.18%	0.027%
98	15.933	2302	2304	2305	rBV2	2079	1662	0.06%	0.009%
99	16.092	2327	2330	2333	rBV5	1954	3170	0.12%	0.018%
100	16.214	2348	2350	2353	rVB4	2169	2077	0.08%	0.012%

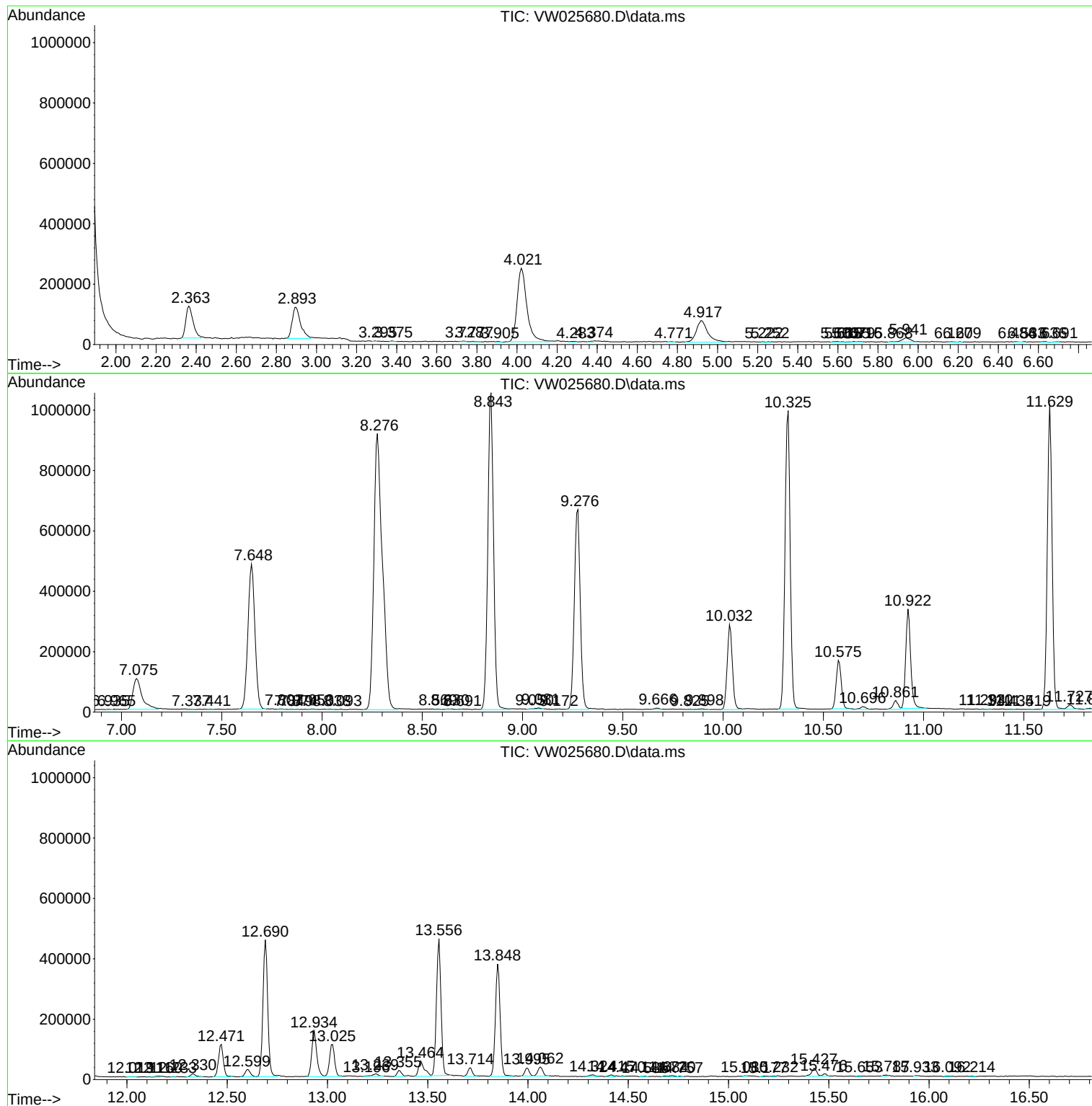
Sum of corrected areas: 17523702

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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



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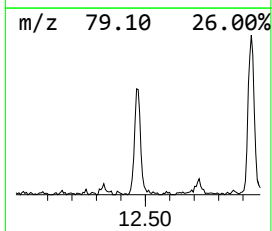
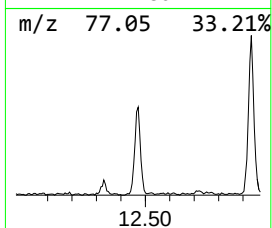
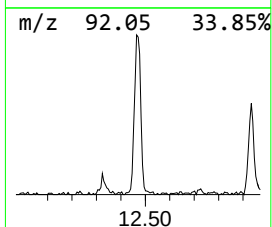
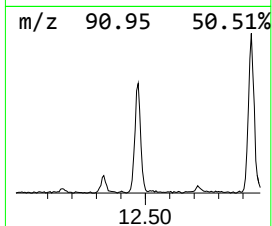
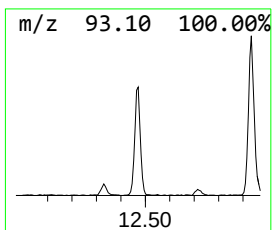
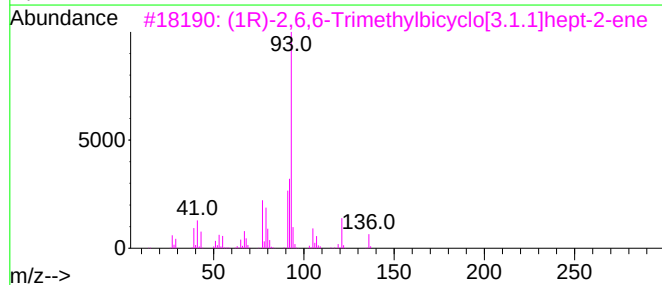
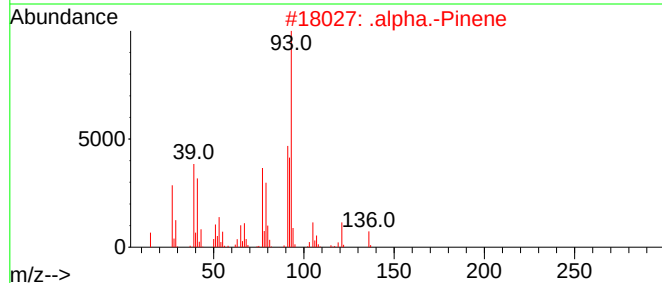
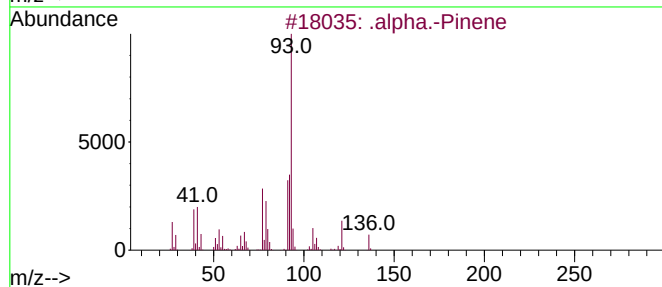
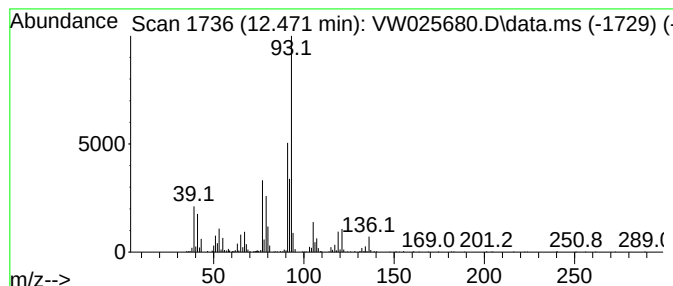
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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.
12.470	2.70 ug/L	179948	Chlorobenzene-d5	11.629

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....	136	C10H16	007785-70-8	91
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
5		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90



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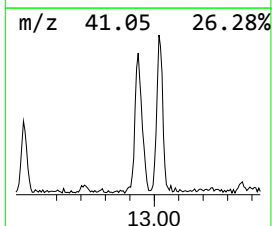
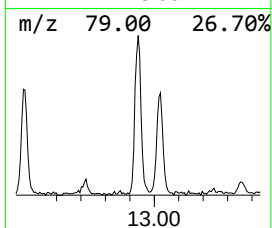
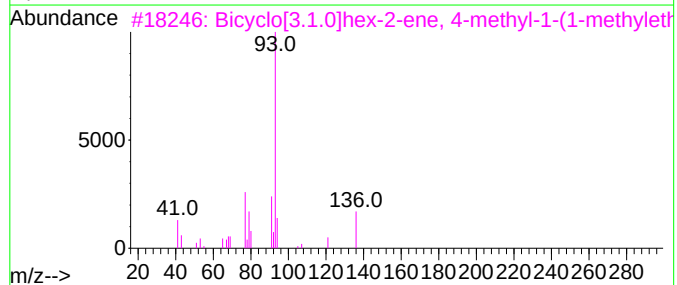
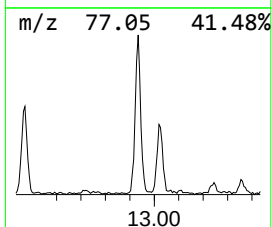
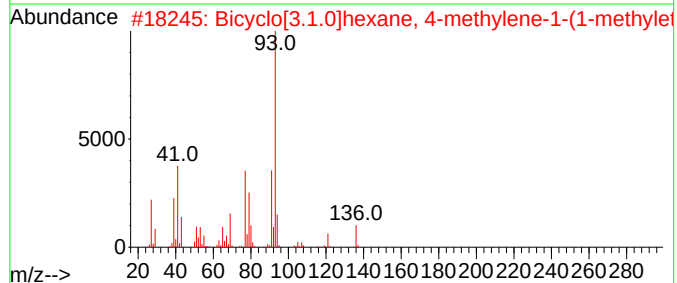
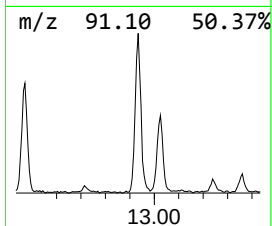
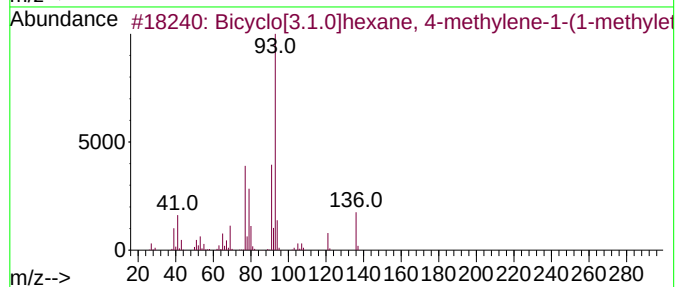
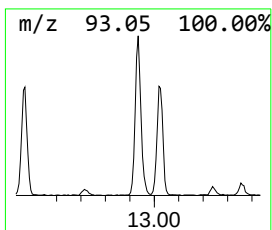
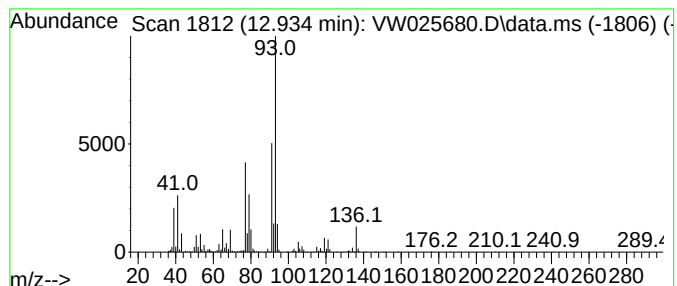
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Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	9.10 ug/L	259813	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	95
2			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	94
3			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	91
4			.beta.-Phellandrene	136	C10H16	000555-10-2	91
5			.beta.-Phellandrene	136	C10H16	000555-10-2	91



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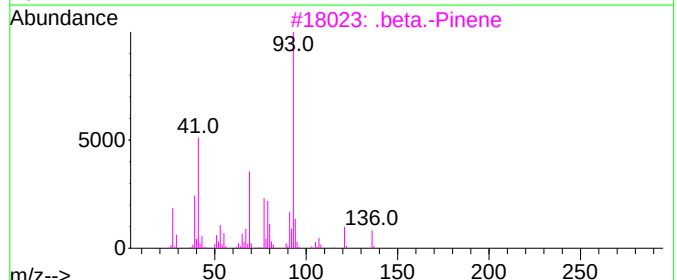
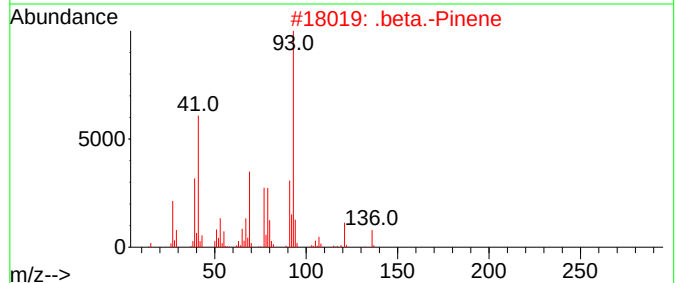
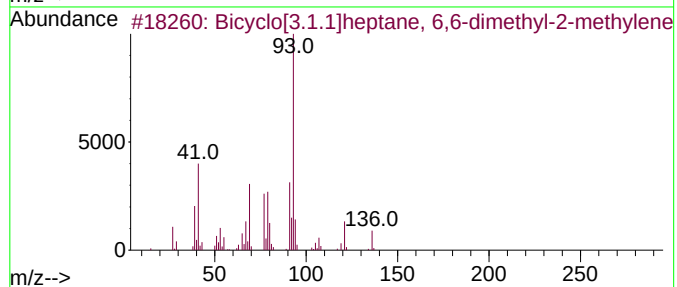
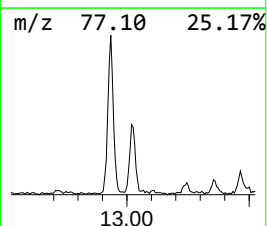
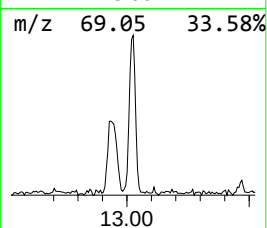
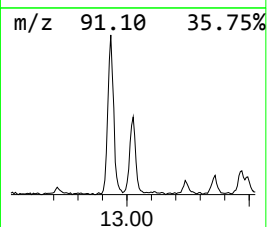
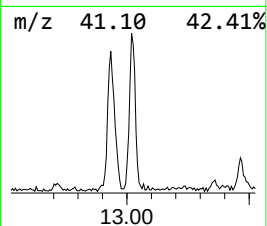
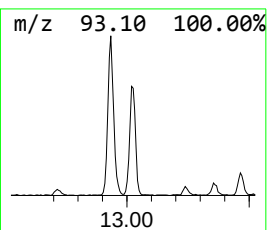
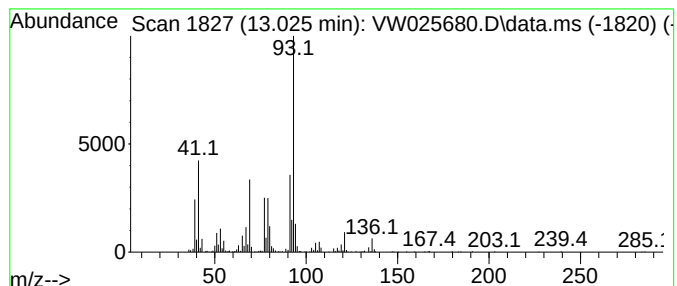
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	6.50 ug/L	185461	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2			.beta.-Pinene	136	C10H16	000127-91-3	96
3			.beta.-Pinene	136	C10H16	000127-91-3	95
4			.beta.-Pinene	136	C10H16	000127-91-3	91
5			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025680.D
Acq On : 25 Apr 2023 13:50
Operator : SY/MD
Sample : 02479-14
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW973

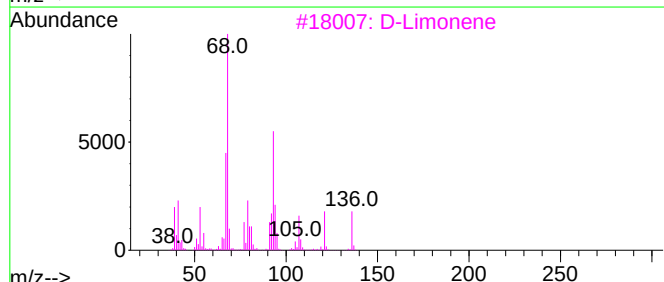
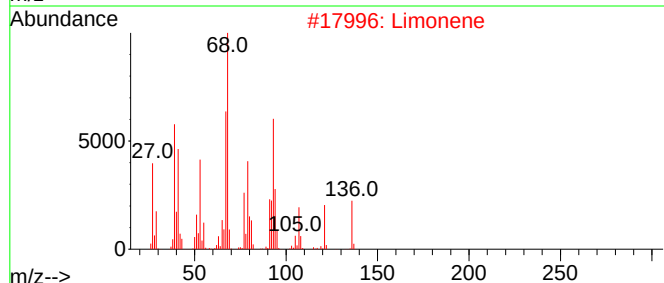
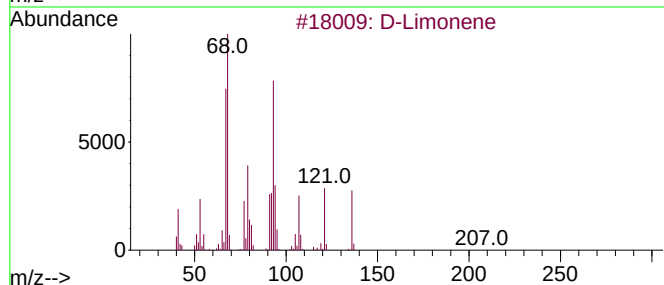
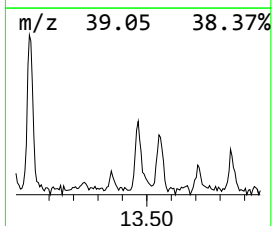
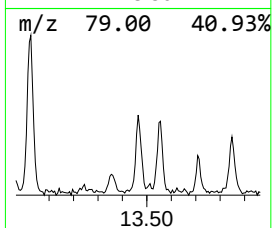
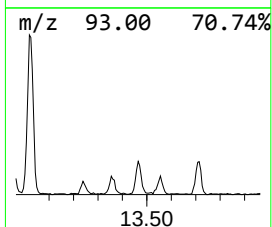
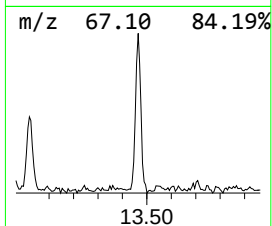
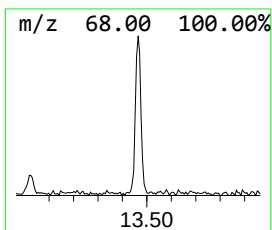
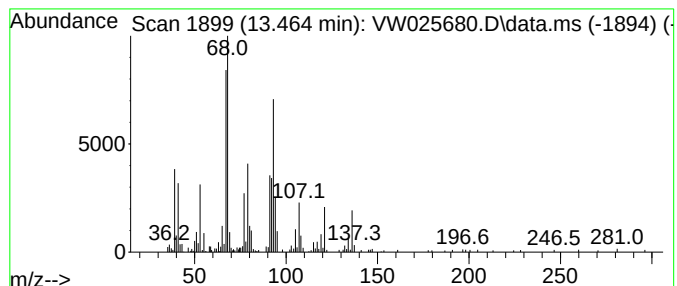
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Quant Title : SFAM01.0

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

Peak Number 6 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	3.67 ug/L	104678	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	97
2	Limonene			136	C10H16	000138-86-3	81
3	D-Limonene			136	C10H16	005989-27-5	76
4	D-Limonene			136	C10H16	005989-27-5	76
5	D-Limonene			136	C10H16	005989-27-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025680.D
Acq On : 25 Apr 2023 13:50
Operator : SY/MD
Sample : 02479-14
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW973

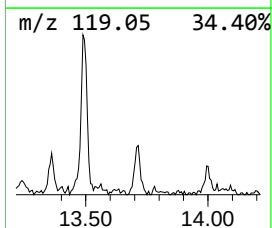
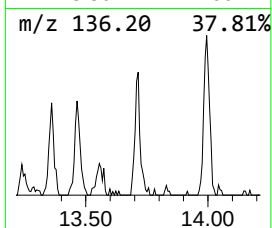
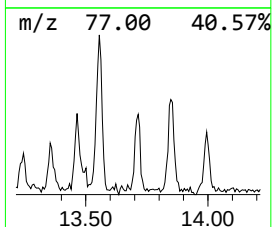
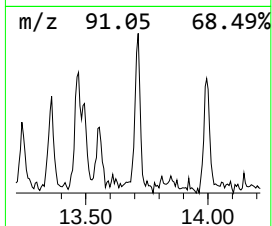
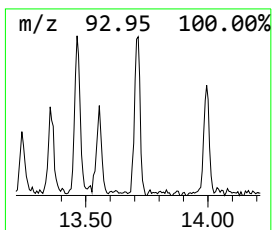
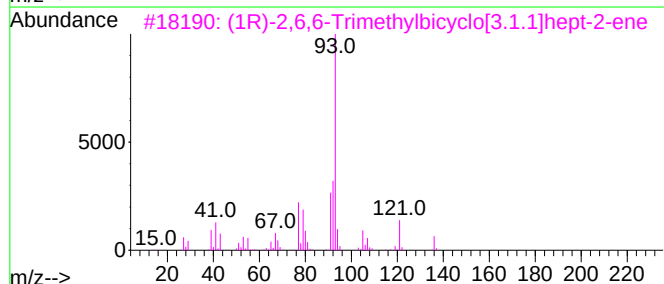
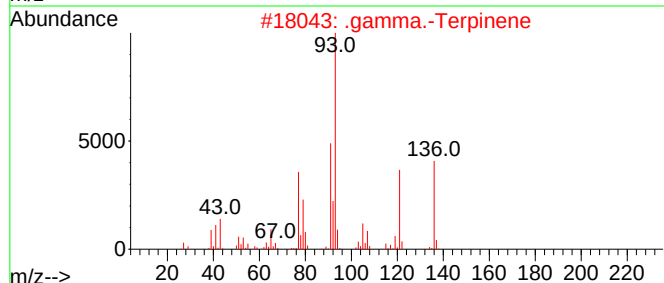
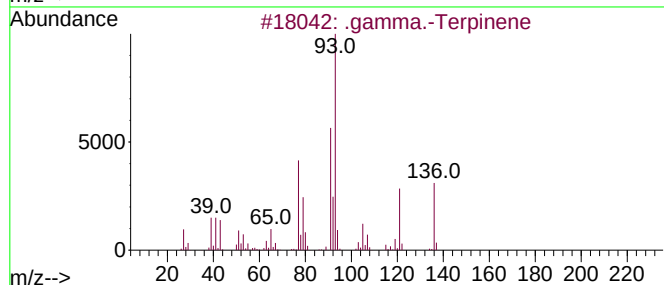
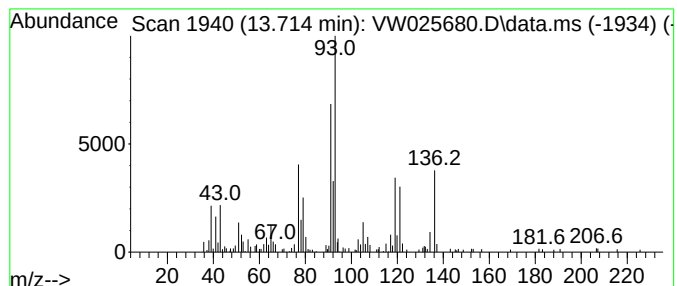
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Quant Title : SFAM01.0

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

Peak Number 7 .gamma.-Terpinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	1.58 ug/L	44955	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Terpinene	136	C10H16	000099-85-4	95
2			.gamma.-Terpinene	136	C10H16	000099-85-4	94
3			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5			.gamma.-Terpinene	136	C10H16	000099-85-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025680.D
Acq On : 25 Apr 2023 13:50
Operator : SY/MD
Sample : 02479-14
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW973

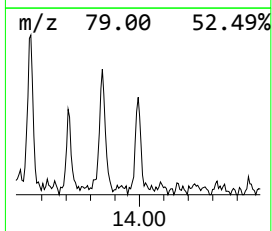
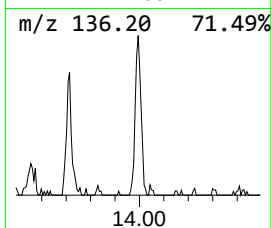
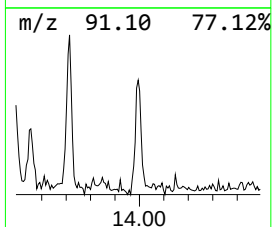
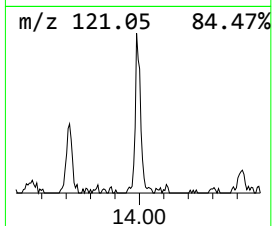
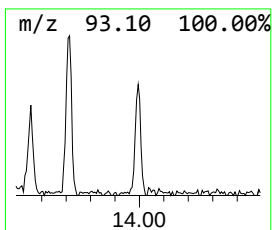
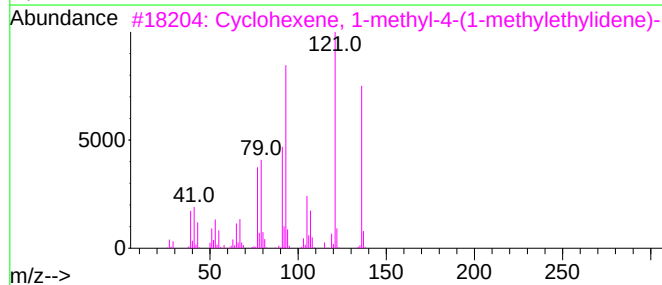
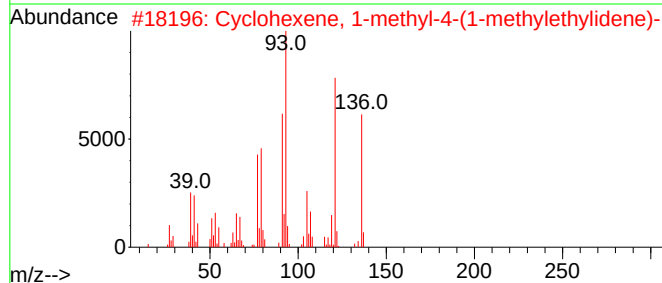
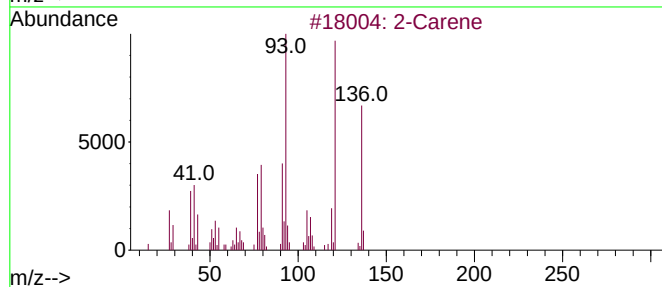
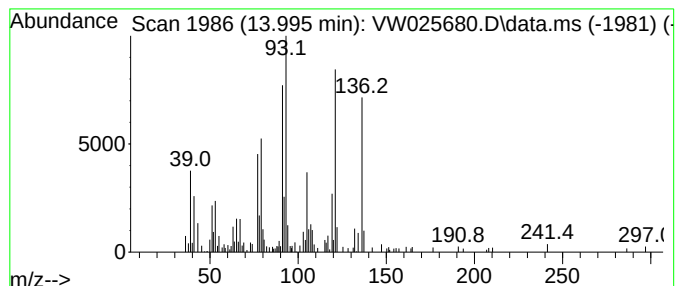
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Quant Title : SFAM01.0

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

Peak Number 8 2-Carene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.995	1.47 ug/L	41837	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Carene	136	C10H16	000554-61-0	93
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	93
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	90
4			(+)-4-Carene	136	C10H16	029050-33-7	90
5			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025680.D
Acq On : 25 Apr 2023 13:50
Operator : SY/MD
Sample : 02479-14
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW973

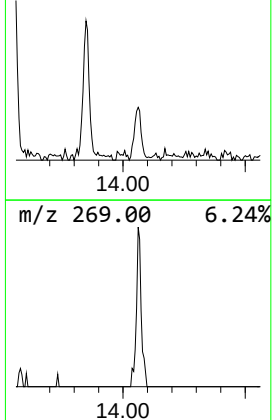
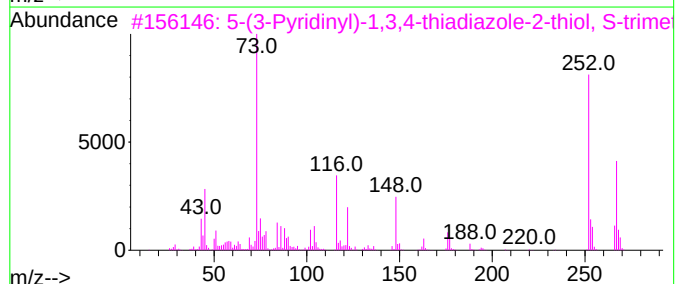
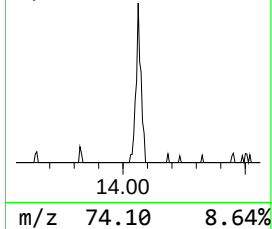
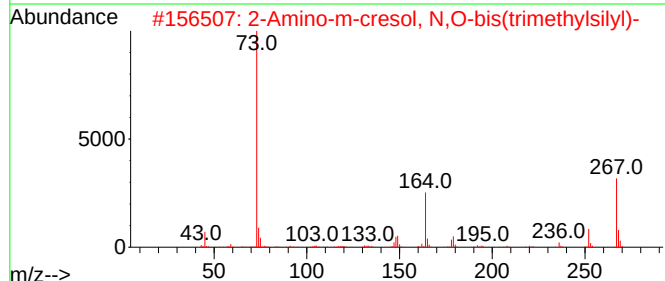
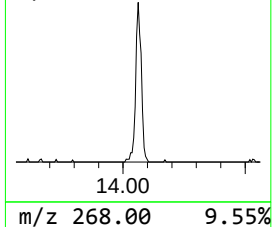
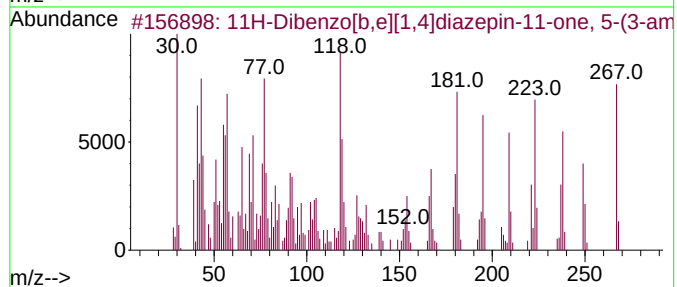
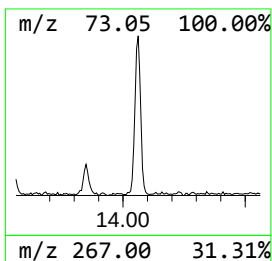
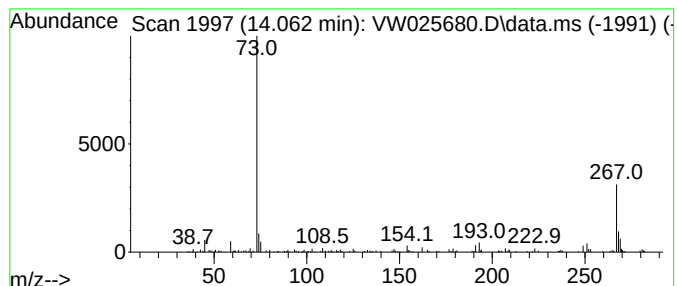
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	1.85 ug/L	52818	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46
2			2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	45
3			5-(3-Pyridinyl)-1,3,4-thiadiazol...	267	C10H13N3S2Si	1000471-43-6	45
4			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	42
5			4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025680.D
Acq On : 25 Apr 2023 13:50
Operator : SY/MD
Sample : 02479-14
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW973

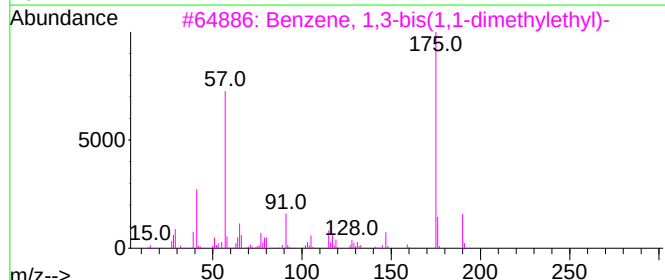
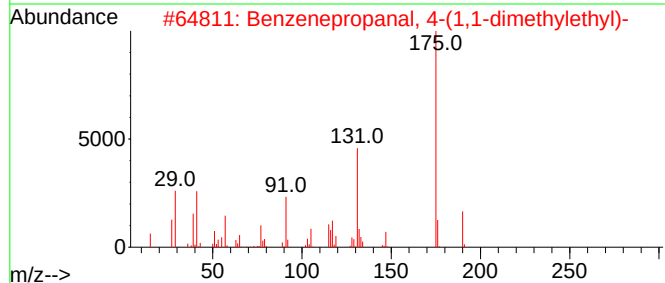
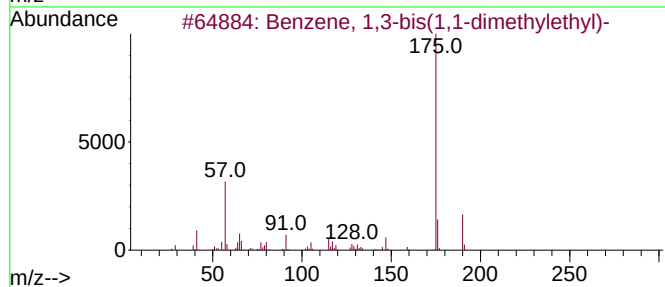
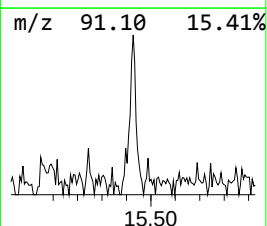
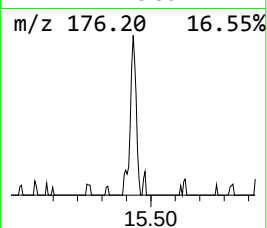
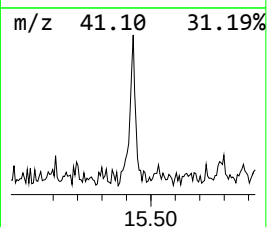
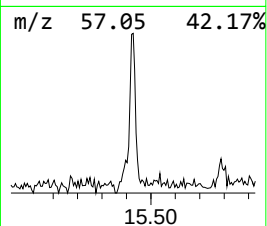
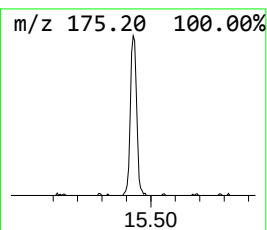
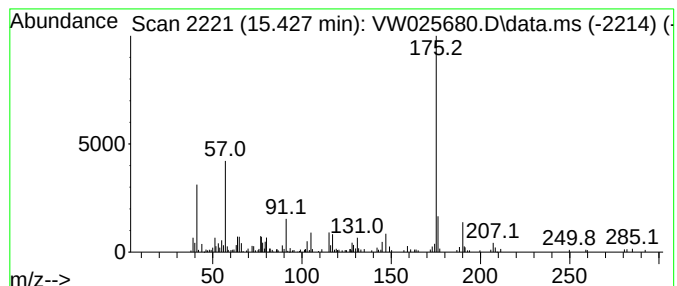
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	1.65 ug/L	47146	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
2			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	81
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
4			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	74
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042523\
Data File : VW025680.D
Acq On : 25 Apr 2023 13:50
Operator : SY/MD
Sample : 02479-14
Misc : 5.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW973

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.470	2.7	ug/L	179948	2	11.629	1669170	25.0
Bicyclo[3.1.0]h...	12.934	9.1	ug/L	259813	3	13.556	713402	25.0
Bicyclo[3.1.1]h...	13.025	6.5	ug/L	185461	3	13.556	713402	25.0
D-Limonene	13.464	3.7	ug/L	104678	3	13.556	713402	25.0
.gamma.-Terpinene	13.714	1.6	ug/L	44955	3	13.556	713402	25.0
2-Carene	13.995	1.5	ug/L	41837	3	13.556	713402	25.0
unknown-01	14.062	1.9	ug/L	52818	3	13.556	713402	25.0
Benzene, 1,3-bi...	15.427	1.6	ug/L	47146	3	13.556	713402	25.0