

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023225.D
 Acq On : 21 May 2022 02:36
 Operator : SY/VA
 Sample : N2929-04RE
 Misc : 6.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF8RE

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023225.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	36	41	48	rBV2	38424	92257	6.82%	0.726%
2	2.349	68	73	81	rVB	141569	229709	16.98%	1.807%
3	2.879	153	160	174	rBV	67578	153818	11.37%	1.210%
4	3.020	177	183	191	rVV	48431	105839	7.82%	0.833%
5	3.300	226	229	233	rBV5	1499	2295	0.17%	0.018%
6	3.379	236	242	248	rVV5	6133	14232	1.05%	0.112%
7	3.550	265	270	275	rBV6	2392	4792	0.35%	0.038%
8	3.904	325	328	332	rBV5	952	1810	0.13%	0.014%
9	4.013	336	346	359	rBV2	118912	358602	26.50%	2.821%
10	4.129	359	365	372	rVB2	10405	27183	2.01%	0.214%
11	4.294	391	392	397	rVB4	1171	1500	0.11%	0.012%
12	4.397	405	409	411	rBV4	2172	2792	0.21%	0.022%
13	4.672	449	454	455	rVV4	1413	1361	0.10%	0.011%
14	4.696	455	458	462	rVB5	1190	1371	0.10%	0.011%
15	4.775	465	471	473	rBV5	1423	1987	0.15%	0.016%
16	4.916	486	494	516	rVB5	8028	35654	2.63%	0.280%
17	5.111	523	526	528	rBV4	1302	1409	0.10%	0.011%
18	5.367	566	568	570	rBV2	1319	1441	0.11%	0.011%
19	5.623	606	610	612	rBV4	1101	1533	0.11%	0.012%
20	5.940	656	662	668	rVV8	3485	10675	0.79%	0.084%
21	6.043	676	679	683	rBV6	1149	1520	0.11%	0.012%
22	6.970	827	831	832	rBV3	1574	2109	0.16%	0.017%
23	7.074	840	848	857	rBV	66737	184293	13.62%	1.450%
24	7.440	903	908	912	rVB7	823	1428	0.11%	0.011%
25	7.647	931	942	953	rBV	216320	520868	38.49%	4.097%
26	7.921	984	987	989	rBV3	1192	1994	0.15%	0.016%
27	8.067	1009	1011	1015	rVB5	1516	2140	0.16%	0.017%
28	8.165	1020	1027	1034	rBV8	1543	4028	0.30%	0.032%
29	8.275	1034	1045	1064	rBV2	400414	1254937	92.74%	9.871%
30	8.397	1064	1065	1072	rVB6	1874	3511	0.26%	0.028%
31	8.519	1080	1085	1087	rBV4	1681	2484	0.18%	0.020%
32	8.695	1108	1114	1124	rVB8	5095	12756	0.94%	0.100%
33	8.842	1128	1138	1147	rBV	350293	687300	50.79%	5.406%
34	9.275	1200	1209	1230	rBV2	340309	724057	53.51%	5.695%
35	9.531	1243	1251	1255	rVV10	1336	3102	0.23%	0.024%
36	9.592	1255	1261	1269	rBV3	7415	15355	1.13%	0.121%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	9.951	1315	1320	1322	rBV6	1056	1560	0.12%	0.012%
38	10.037	1327	1334	1344	rVV	137848	254512	18.81%	2.002%
39	10.207	1359	1362	1364	rBV4	1768	2271	0.17%	0.018%
40	10.323	1372	1381	1387	rVV	538904	939908	69.46%	7.393%
41	10.384	1387	1391	1400	rVV	27127	56865	4.20%	0.447%
42	10.506	1404	1411	1416	rVV10	4571	11624	0.86%	0.091%
43	10.579	1416	1423	1430	rVV	94193	165426	12.23%	1.301%
44	10.646	1432	1434	1438	rVV5	1565	2370	0.18%	0.019%
45	10.701	1441	1443	1451	rVB3	2661	3850	0.28%	0.030%
46	10.860	1462	1469	1473	rBV3	21229	39402	2.91%	0.310%
47	10.921	1473	1479	1493	rVB	273816	486118	35.93%	3.824%
48	11.073	1500	1504	1506	rBV5	2874	4058	0.30%	0.032%
49	11.128	1511	1513	1518	rVB6	1308	1446	0.11%	0.011%
50	11.628	1586	1595	1604	rBV	468026	803738	59.40%	6.322%
51	11.731	1604	1612	1620	rVV2	156558	273609	20.22%	2.152%
52	11.835	1624	1629	1638	rVB9	4498	9987	0.74%	0.079%
53	11.969	1649	1651	1654	rVV4	1054	1366	0.10%	0.011%
54	12.000	1654	1656	1661	rVB6	2220	2839	0.21%	0.022%
55	12.067	1663	1667	1671	rVB7	1417	2674	0.20%	0.021%
56	12.170	1680	1684	1688	rVV7	2452	4754	0.35%	0.037%
57	12.237	1690	1695	1702	rVB4	4793	9512	0.70%	0.075%
58	12.329	1705	1710	1717	rVB5	8100	13941	1.03%	0.110%
59	12.469	1726	1733	1741	rVB	64920	114267	8.44%	0.899%
60	12.536	1742	1744	1747	rVB4	1844	1363	0.10%	0.011%
61	12.603	1747	1755	1762	rBV2	23800	46290	3.42%	0.364%
62	12.689	1762	1769	1778	rBV	330707	562188	41.55%	4.422%
63	12.798	1785	1787	1793	rVB5	2565	3841	0.28%	0.030%
64	12.871	1796	1799	1800	rBV3	1492	1364	0.10%	0.011%
65	12.932	1803	1809	1817	rBV2	91696	178477	13.19%	1.404%
66	13.024	1817	1824	1833	rVV	843905	1353125	100.00%	10.643%
67	13.243	1850	1860	1865	rVV2	62894	117437	8.68%	0.924%
68	13.359	1874	1879	1883	rBV3	21354	33137	2.45%	0.261%
69	13.414	1883	1888	1892	rVV3	14799	25885	1.91%	0.204%
70	13.469	1892	1897	1898	rVV2	50798	73640	5.44%	0.579%
71	13.493	1899	1901	1905	rVV	70073	93717	6.93%	0.737%
72	13.554	1905	1911	1916	rVV	460651	742821	54.90%	5.843%
73	13.615	1916	1921	1932	rVV	551246	894461	66.10%	7.036%
74	13.713	1932	1937	1942	rVB2	21178	32003	2.37%	0.252%
75	13.853	1952	1960	1973	rVB	411580	697689	51.56%	5.488%
76	13.944	1973	1975	1979	rVB5	1501	1841	0.14%	0.014%

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 Title : SFAM01.0

77	13.993	1979	1983	1989	rBV4	14669	25912	1.91%	0.204%
78	14.060	1989	1994	2002	rVB2	28416	51687	3.82%	0.407%
79	14.146	2006	2008	2012	rVB5	3530	4109	0.30%	0.032%
80	14.219	2018	2020	2024	rBV5	1380	2178	0.16%	0.017%
81	14.261	2025	2027	2032	rVB6	3284	3734	0.28%	0.029%
82	14.322	2032	2037	2040	rVB5	1951	3337	0.25%	0.026%
83	14.426	2050	2054	2055	rBV4	2350	2644	0.20%	0.021%
84	14.463	2058	2060	2061	rBV2	2062	1394	0.10%	0.011%
85	14.518	2067	2069	2073	rVB5	2144	3014	0.22%	0.024%
86	14.713	2093	2101	2106	rBV10	5479	14275	1.05%	0.112%
87	15.030	2150	2153	2155	rBV4	1445	1794	0.13%	0.014%
88	15.097	2159	2164	2169	rVB8	6873	12149	0.90%	0.096%
89	15.249	2185	2189	2194	rVV8	5020	7153	0.53%	0.056%
90	15.298	2194	2197	2200	rVB5	2674	3737	0.28%	0.029%
91	15.365	2200	2208	2213	rBV9	2827	7004	0.52%	0.055%
92	15.487	2223	2228	2232	rVV2	9393	16832	1.24%	0.132%
93	15.542	2232	2237	2244	rVB9	2399	3940	0.29%	0.031%
94	15.719	2264	2266	2268	rVV2	2150	1797	0.13%	0.014%
95	15.834	2283	2285	2287	rBV3	1790	1348	0.10%	0.011%
96	15.956	2303	2305	2308	rVB3	1263	1353	0.10%	0.011%
97	16.078	2322	2325	2327	rBV5	1180	1479	0.11%	0.012%
98	16.212	2342	2347	2349	rBV6	1330	1671	0.12%	0.013%
99	16.542	2398	2401	2404	rBV4	1006	1330	0.10%	0.010%
100	16.645	2414	2418	2420	rBV5	1213	1815	0.13%	0.014%

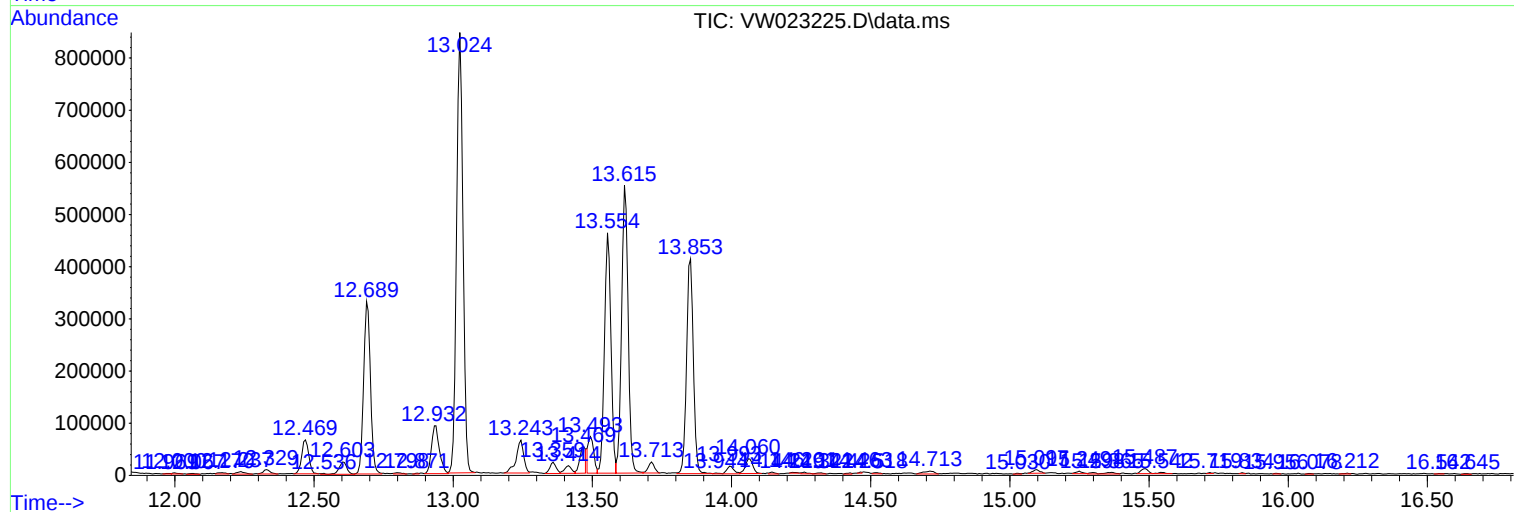
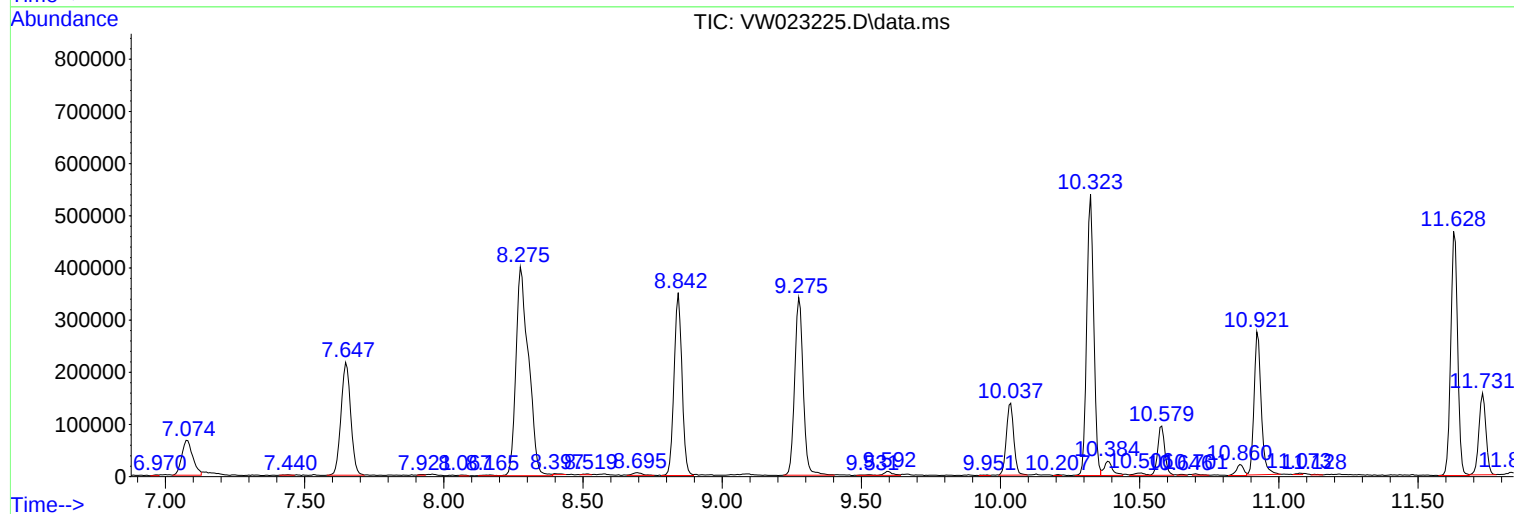
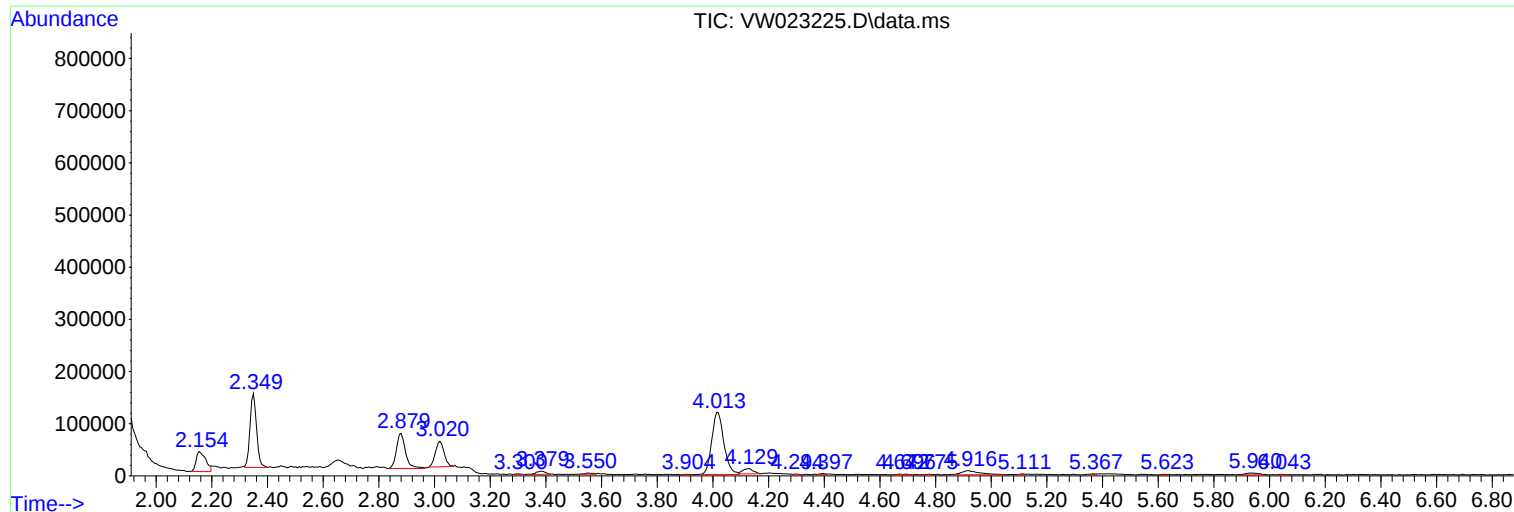
Sum of corrected areas: 12713204

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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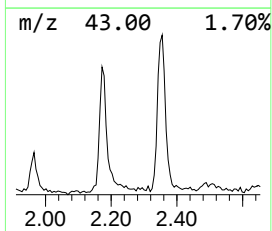
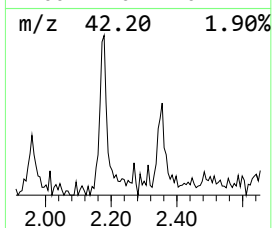
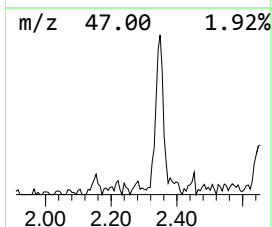
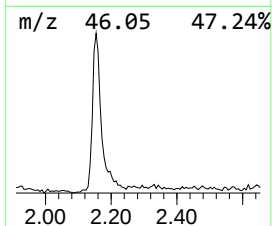
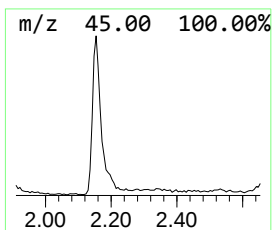
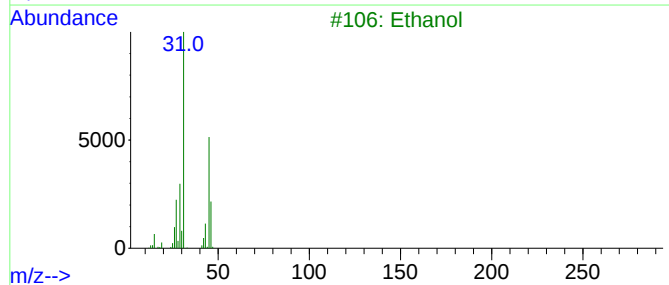
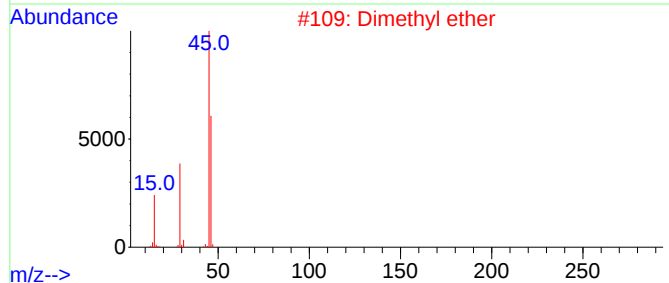
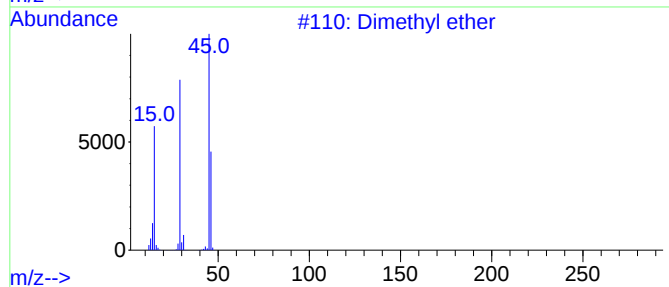
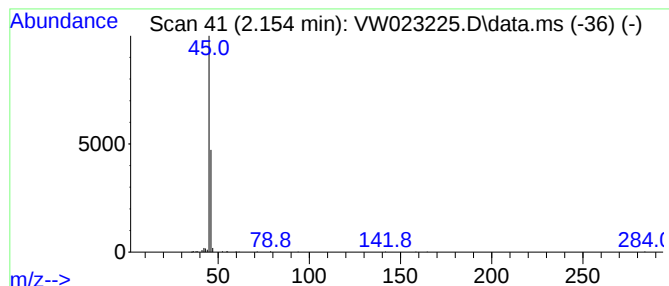
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.154	3.36 ug/L	92257	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	64
2			Dimethyl ether	46	C2H6O	000115-10-6	9
3			Ethanol	46	C2H6O	000064-17-5	7
4			Formic acid	46	CH2O2	000064-18-6	5
5			Dimethyl ether	46	C2H6O	000115-10-6	5



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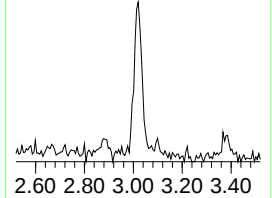
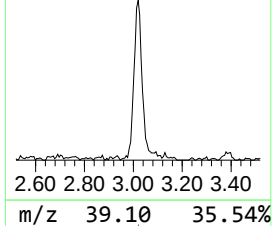
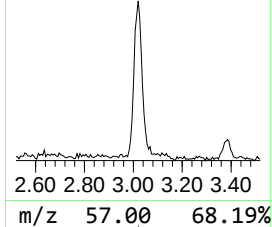
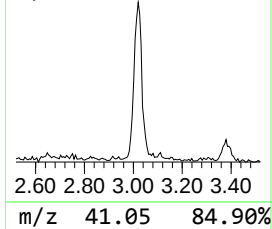
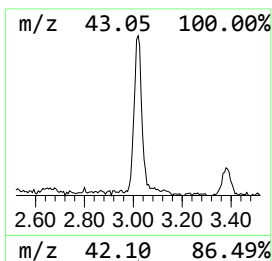
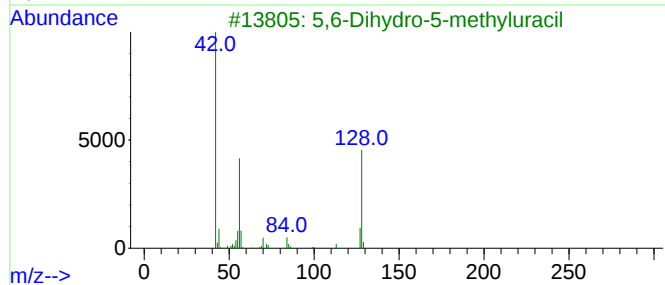
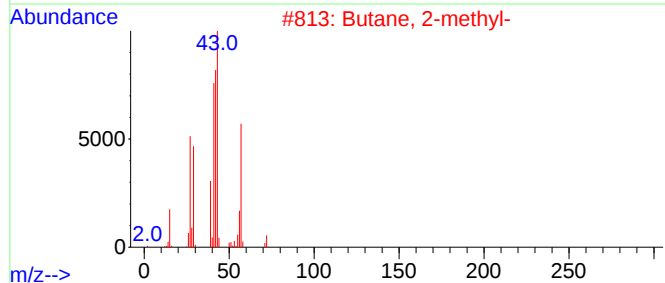
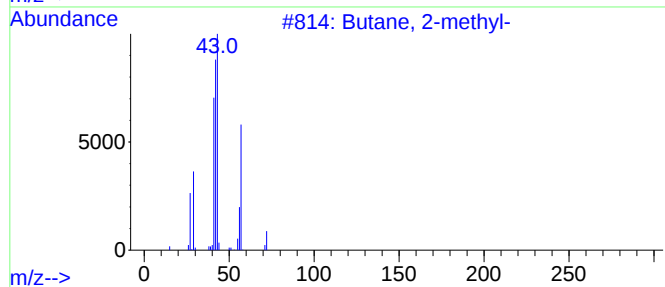
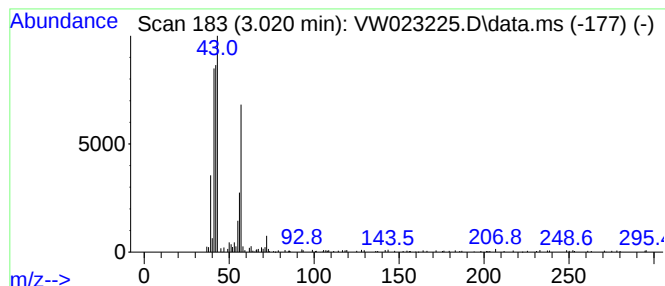
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.020	3.85 ug/L	105839	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	78
2			Butane, 2-methyl-	72	C5H12	000078-78-4	72
3			5,6-Dihydro-5-methyluracil	128	C5H8N2O2	000696-04-8	59
4			3-Buten-1-ol	72	C4H8O	000627-27-0	43
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	42



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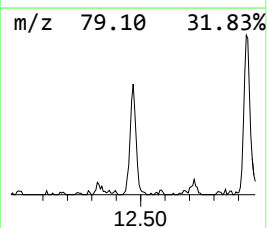
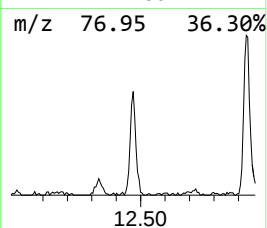
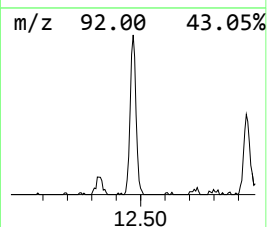
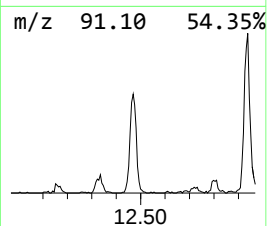
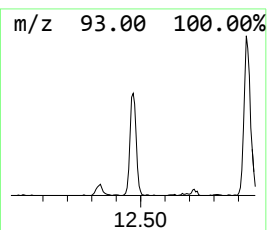
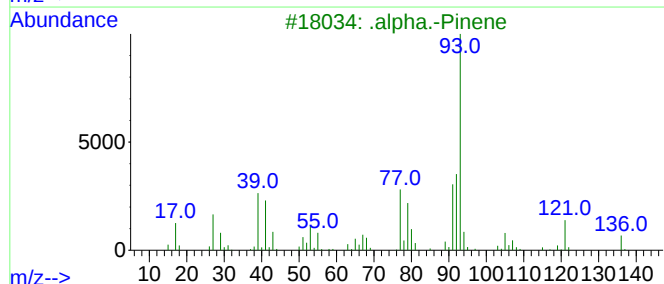
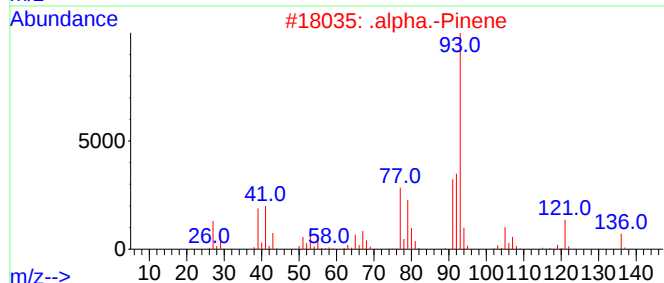
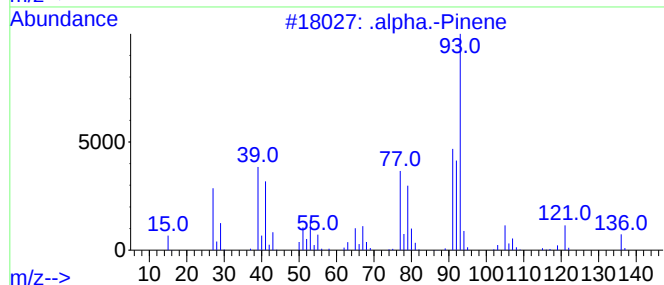
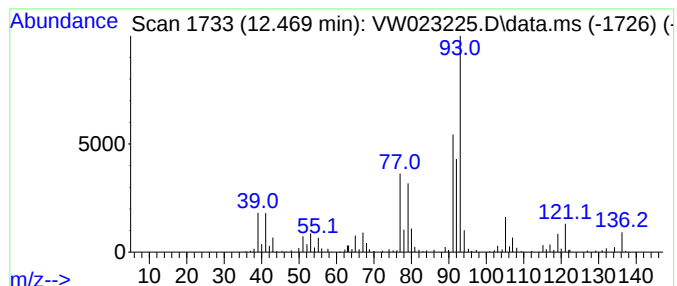
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Quant Title : SFAM01.0

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

Peak Number 5 .alpha.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	3.55 ug/L	114267	Chlorobenzene-d5	11.634

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	91	
3	.	alpha.-Pinene	136	C10H16	000080-56-8	91	
4	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	91		
5	.	alpha.-Pinene	136	C10H16	000080-56-8	90	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023225.D
Acq On : 21 May 2022 02:36
Operator : SY/VA
Sample : N2929-04RE
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF8RE

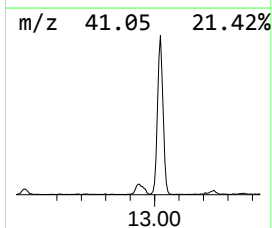
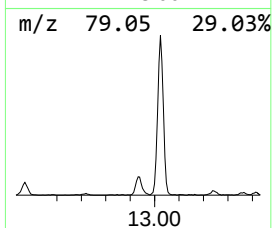
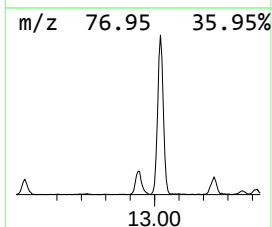
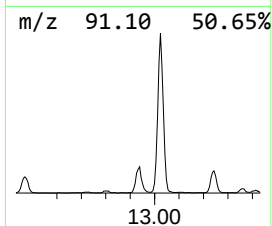
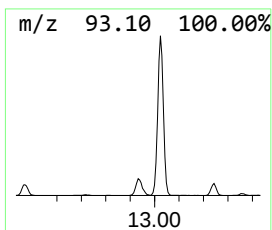
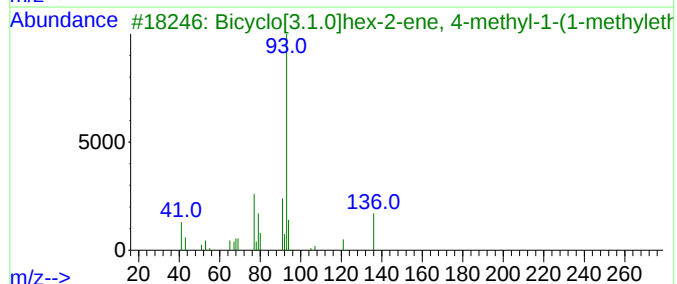
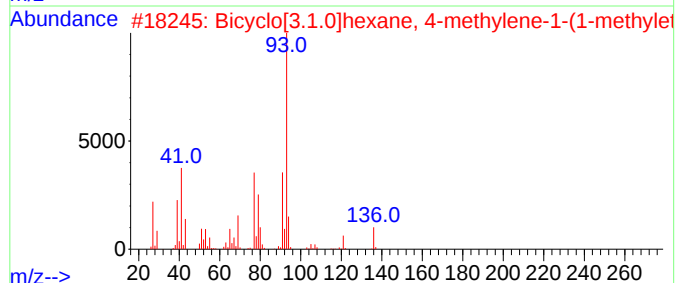
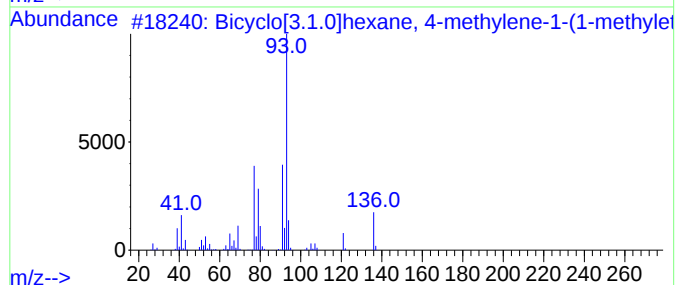
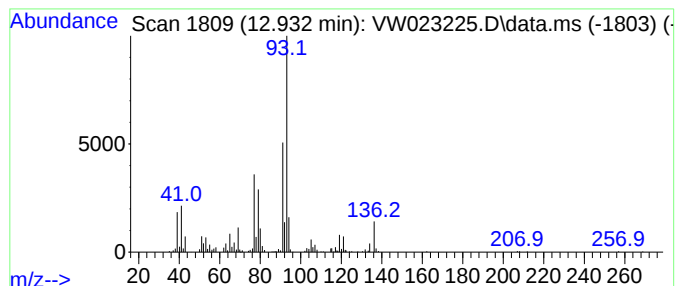
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Quant Title : SFAM01.0

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

Peak Number 7 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.932	6.01 ug/L	178477	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	96
2			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	93
3			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	91
4			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
5			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023225.D
Acq On : 21 May 2022 02:36
Operator : SY/VA
Sample : N2929-04RE
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF8RE

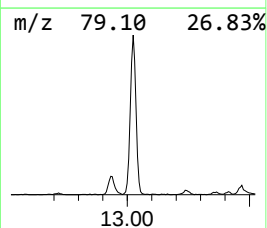
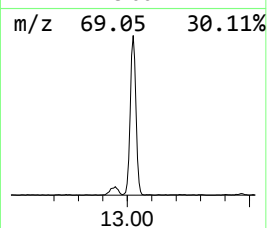
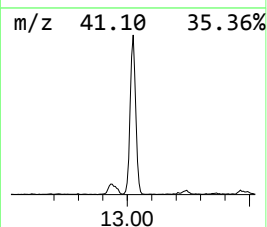
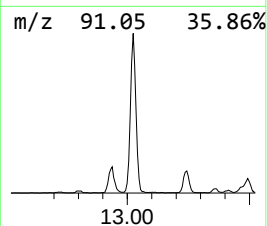
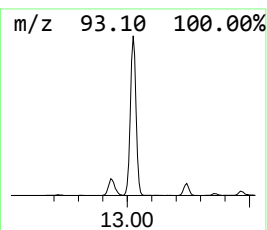
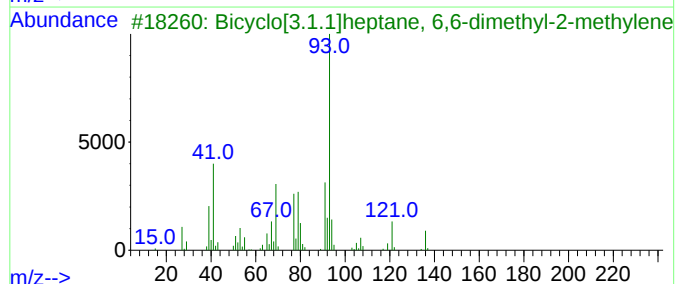
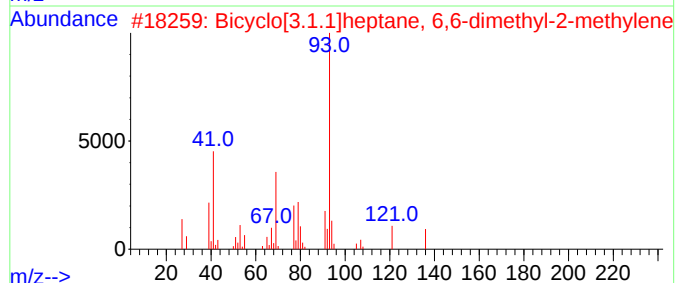
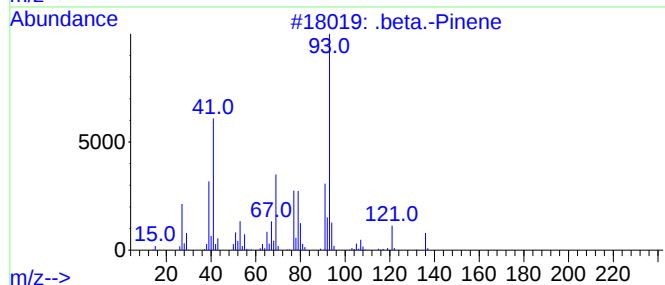
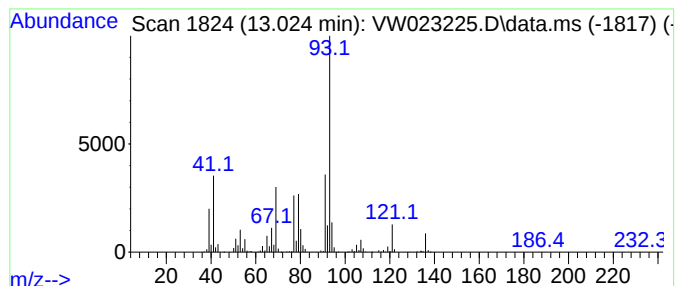
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Quant Title : SFAM01.0

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

Peak Number 8 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	45.54 ug/L	1353130	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	97
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
3		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
4		.beta.-Pinene	136	C10H16	000127-91-3	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023225.D
Acq On : 21 May 2022 02:36
Operator : SY/VA
Sample : N2929-04RE
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF8RE

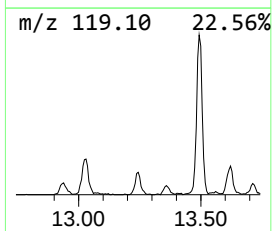
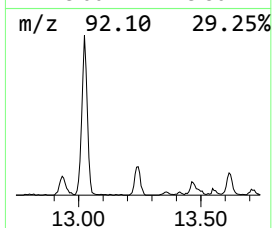
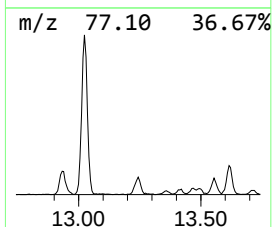
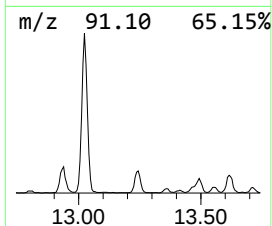
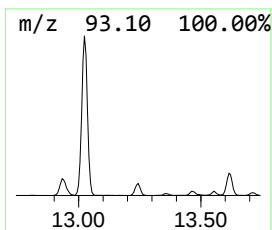
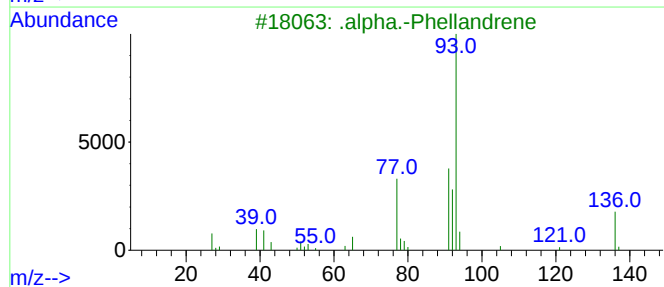
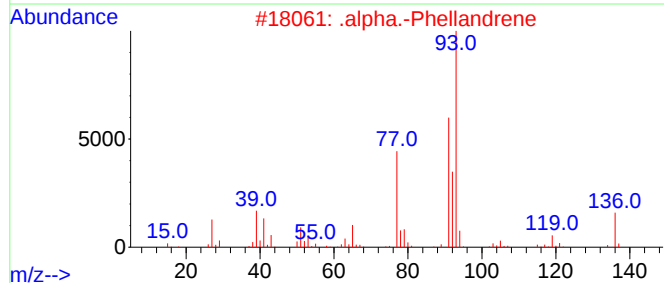
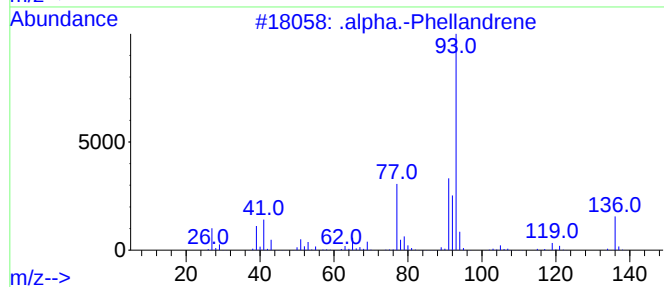
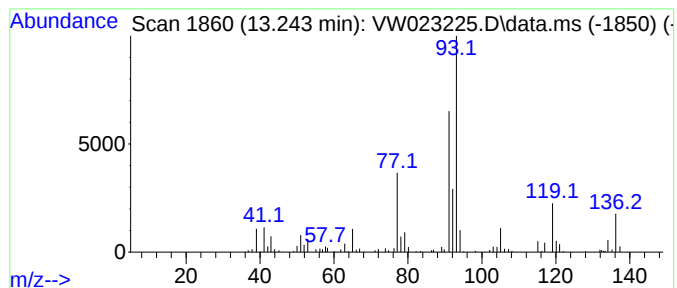
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Quant Title : SFAM01.0

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

Peak Number 9 .alpha.-Phellandrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	3.95 ug/L	117437	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81	
2	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81	
3	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81	
4	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81	
5	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023225.D
Acq On : 21 May 2022 02:36
Operator : SY/VA
Sample : N2929-04RE
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF8RE

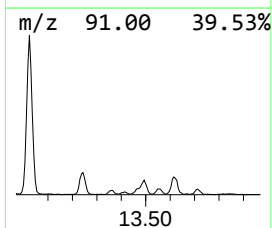
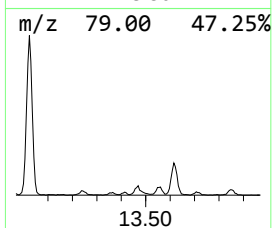
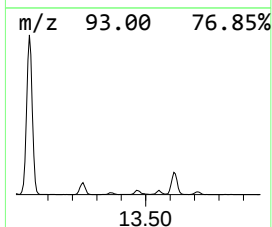
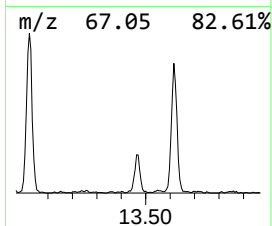
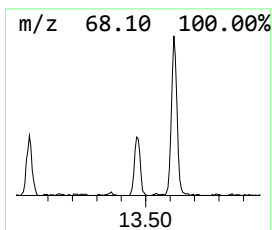
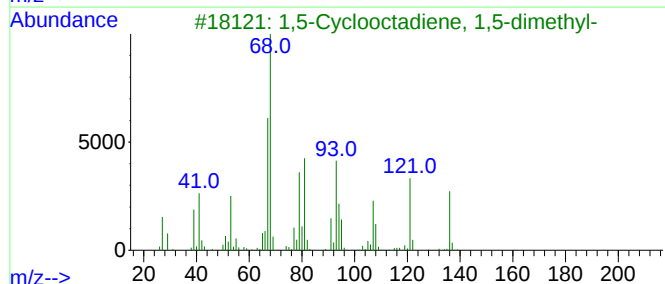
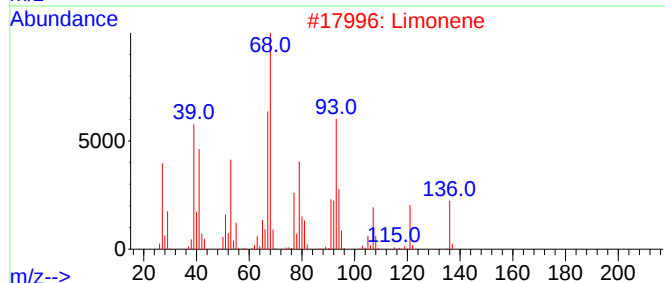
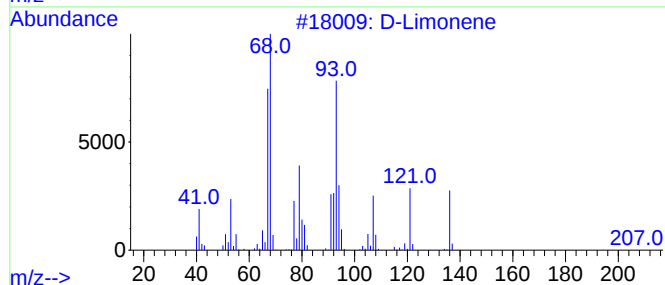
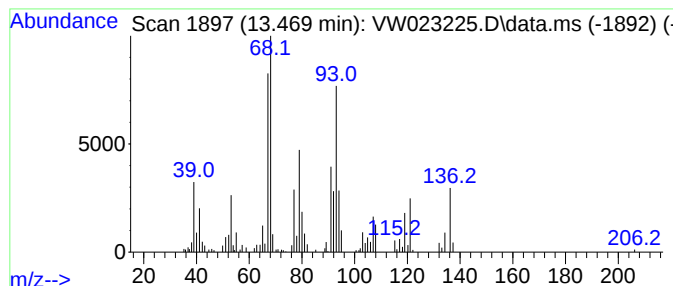
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Quant Title : SFAM01.0

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

Peak Number 10 D-Limonene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	2.48 ug/L	73640	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	95
2			Limonene	136	C10H16	000138-86-3	90
3			1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	72
4			Limonene	136	C10H16	000138-86-3	70
5			Limonene	136	C10H16	000138-86-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023225.D
Acq On : 21 May 2022 02:36
Operator : SY/VA
Sample : N2929-04RE
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF8RE

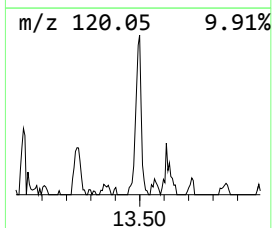
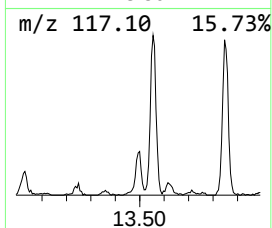
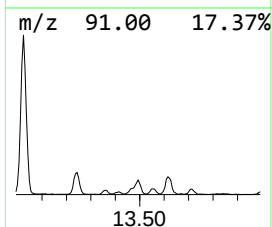
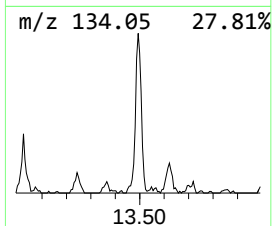
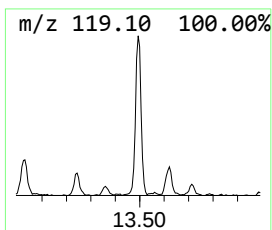
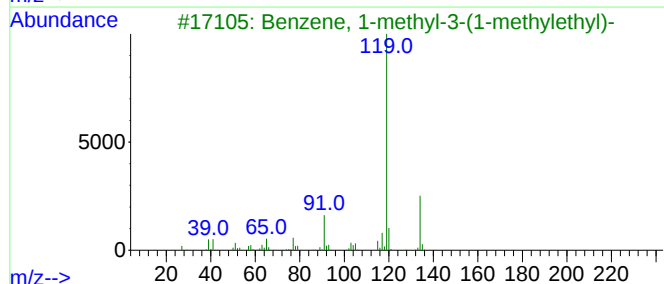
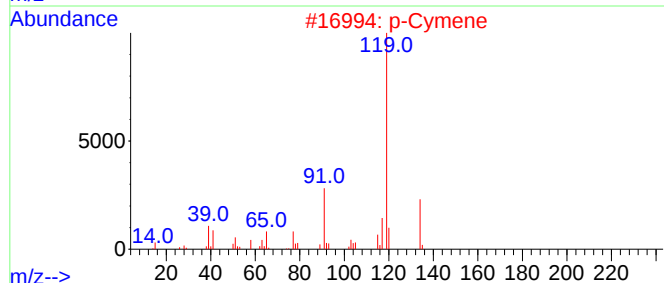
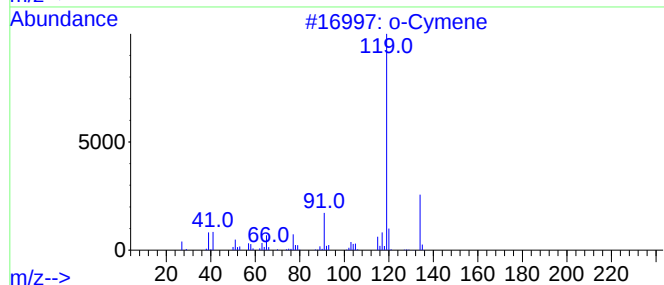
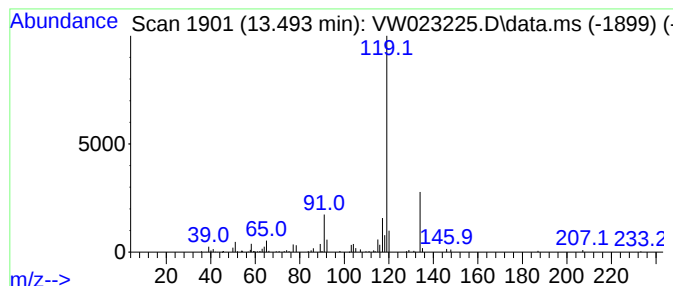
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Quant Title : SFAM01.0

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

Peak Number 11 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	3.15 ug/L	93717	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			p-Cymene	134	C10H14	000099-87-6	87
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
5			p-Cymene	134	C10H14	000099-87-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023225.D
Acq On : 21 May 2022 02:36
Operator : SY/VA
Sample : N2929-04RE
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF8RE

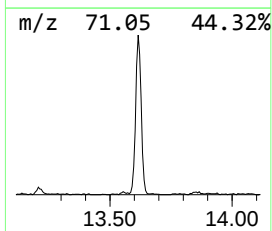
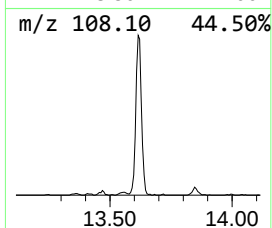
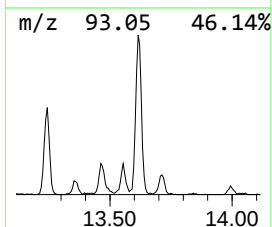
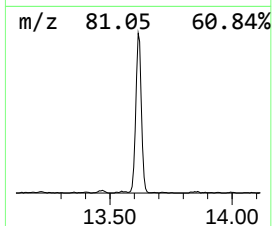
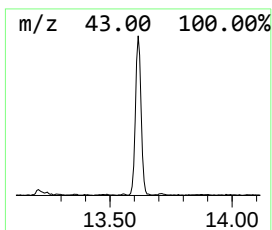
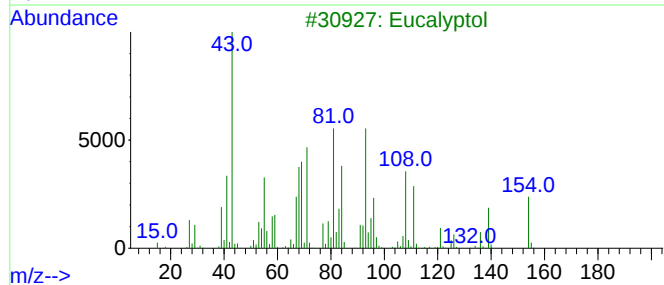
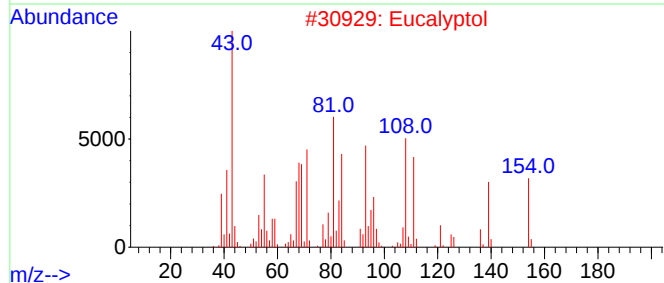
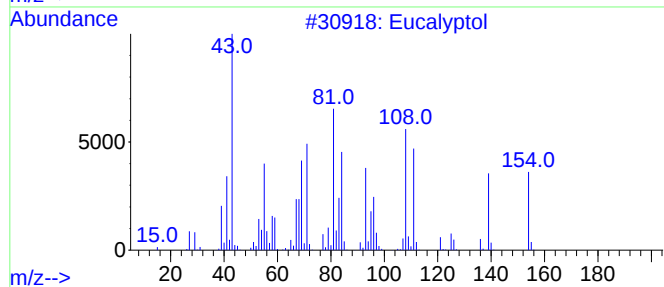
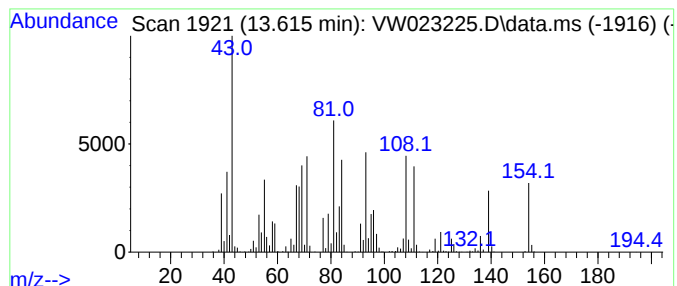
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Quant Title : SFAM01.0

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

Peak Number 12 Eucalyptol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.615	30.10 ug/L	894461	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol			154	C10H18O	000470-82-6	96
2	Eucalyptol			154	C10H18O	000470-82-6	96
3	Eucalyptol			154	C10H18O	000470-82-6	93
4	Eucalyptol			154	C10H18O	000470-82-6	90
5	Eucalyptol			154	C10H18O	000470-82-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023225.D
Acq On : 21 May 2022 02:36
Operator : SY/VA
Sample : N2929-04RE
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.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
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(DEL) Alkane: S...	3.020	3.9	ug/L	105839	1	8.842	687300	25.0
.alpha.-Pinene	12.469	3.5	ug/L	114267	2	11.634	803738	25.0
Bicyclo[3.1.0]h...	12.932	6.0	ug/L	178477	3	13.554	742821	25.0
.beta.-Pinene	13.024	45.5	ug/L	1353130	3	13.554	742821	25.0
.alpha.-Phellan...	13.243	4.0	ug/L	117437	3	13.554	742821	25.0
D-Limonene	13.469	2.5	ug/L	73640	3	13.554	742821	25.0
o-Cymene	13.493	3.1	ug/L	93717	3	13.554	742821	25.0
Eucalyptol	13.615	30.1	ug/L	894461	3	13.554	742821	25.0