

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018830.D
 Acq On : 28 Apr 2021 19:07
 Operator : SY/VA
 Sample : M2177-18
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG588

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	50	rBV	15744	38635	2.68%	0.336%
2	2.349	68	73	83	rVB	35495	61344	4.26%	0.533%
3	2.495	95	97	98	rBV2	1450	1101	0.08%	0.010%
4	2.623	115	118	120	rBV4	3392	4244	0.29%	0.037%
5	2.775	141	143	144	rBV2	1210	905	0.06%	0.008%
6	2.891	155	162	173	rVB	28875	70077	4.86%	0.609%
7	3.172	207	208	211	rVB2	563	572	0.04%	0.005%
8	3.257	218	222	223	rVB4	612	576	0.04%	0.005%
9	3.306	229	230	234	rVB2	548	471	0.03%	0.004%
10	3.342	234	236	238	rBV2	303	285	0.02%	0.002%
11	3.434	247	251	252	rBV4	540	663	0.05%	0.006%
12	3.525	262	266	272	rVB6	858	1860	0.13%	0.016%
13	3.592	275	277	279	rVV2	473	282	0.02%	0.002%
14	3.672	287	290	294	rBV5	456	585	0.04%	0.005%
15	3.757	302	304	307	rVB3	367	385	0.03%	0.003%
16	3.824	313	315	319	rVB3	369	344	0.02%	0.003%
17	4.013	336	346	357	rBV2	56348	148719	10.32%	1.293%
18	4.117	359	363	364	rBV2	2833	3186	0.22%	0.028%
19	4.165	370	371	376	rVB4	1396	1338	0.09%	0.012%
20	4.214	376	379	381	rVB3	505	587	0.04%	0.005%
21	4.379	398	406	419	rBV2	12123	38770	2.69%	0.337%
22	4.513	426	428	431	rVB4	462	572	0.04%	0.005%
23	4.617	440	445	446	rVV5	550	888	0.06%	0.008%
24	4.702	458	459	462	rBV2	284	286	0.02%	0.002%
25	4.732	462	464	467	rVB3	398	458	0.03%	0.004%
26	4.787	467	473	474	rBV	378	597	0.04%	0.005%
27	4.824	477	479	482	rBV2	281	313	0.02%	0.003%
28	4.921	482	495	505	rBV3	27484	88842	6.17%	0.772%
29	5.141	526	531	532	rBV2	572	920	0.06%	0.008%
30	5.159	532	534	536	rBV3	391	441	0.03%	0.004%
31	5.220	542	544	547	rVB3	343	359	0.02%	0.003%
32	5.257	547	550	551	rBV2	389	435	0.03%	0.004%
33	5.275	551	553	557	rVV4	496	634	0.04%	0.006%
34	5.336	561	563	565	rBV	524	650	0.05%	0.006%
35	5.354	565	566	569	rVB2	484	287	0.02%	0.002%
36	5.379	569	570	573	rBV2	442	351	0.02%	0.003%

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 Title : SFAM01.0

37	5.421	576	577	583	rVB3	665	897	0.06%	0.008%
38	5.494	586	589	590	rBV2	401	368	0.03%	0.003%
39	5.507	590	591	593	rBV	493	365	0.03%	0.003%
40	5.549	596	598	599	rBV	403	298	0.02%	0.003%
41	5.562	599	600	605	rVB3	564	601	0.04%	0.005%
42	5.610	605	608	610	rBV2	310	415	0.03%	0.004%
43	5.659	614	616	617	rBV	517	309	0.02%	0.003%
44	5.714	621	625	627	rBV2	280	445	0.03%	0.004%
45	5.751	627	631	633	rBV2	256	295	0.02%	0.003%
46	5.799	637	639	642	rVB2	488	428	0.03%	0.004%
47	5.830	642	644	647	rBV3	319	296	0.02%	0.003%
48	5.940	654	662	670	rBV5	5005	14974	1.04%	0.130%
49	6.086	683	686	692	rVB5	379	520	0.04%	0.005%
50	6.159	692	698	700	rBV4	731	994	0.07%	0.009%
51	6.214	706	707	710	rBV2	418	482	0.03%	0.004%
52	6.263	713	715	717	rVB2	328	311	0.02%	0.003%
53	6.299	717	721	722	rBV2	638	618	0.04%	0.005%
54	6.330	725	726	728	rVB2	464	324	0.02%	0.003%
55	6.360	728	731	732	rBV3	654	709	0.05%	0.006%
56	6.385	734	735	738	rVB3	601	438	0.03%	0.004%
57	6.415	738	740	741	rVB2	489	352	0.02%	0.003%
58	6.446	741	745	747	rBV4	463	454	0.03%	0.004%
59	6.500	752	754	756	rBV3	582	575	0.04%	0.005%
60	6.543	759	761	762	rBV	626	376	0.03%	0.003%
61	6.641	775	777	779	rVB3	503	379	0.03%	0.003%
62	6.671	779	782	783	rBV3	881	780	0.05%	0.007%
63	6.695	783	786	788	rVB3	454	461	0.03%	0.004%
64	6.793	798	802	803	rBV3	433	488	0.03%	0.004%
65	6.836	807	809	811	rBV3	380	385	0.03%	0.003%
66	6.854	811	812	815	rVB4	754	535	0.04%	0.005%
67	6.903	815	820	821	rBV3	1040	1426	0.10%	0.012%
68	6.921	821	823	826	rVB4	354	282	0.02%	0.002%
69	6.982	831	833	837	rBV5	980	1436	0.10%	0.012%
70	7.025	837	840	842	rBV3	865	1171	0.08%	0.010%
71	7.080	842	849	854	rBV	25917	74155	5.15%	0.645%
72	7.134	854	858	867	rVB2	26458	70228	4.87%	0.611%
73	7.275	878	881	885	rBV5	1360	1476	0.10%	0.013%
74	7.342	890	892	894	rBV3	814	922	0.06%	0.008%
75	7.439	905	908	909	rBV3	924	930	0.06%	0.008%
76	7.458	909	911	913	rVV4	1430	1105	0.08%	0.010%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Sampling : 1

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Stop Thrs : 0

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Peak Location: TOP

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

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 Title : SFAM01.0

77	7.512	917	920	923	rVV5	1210	1661	0.12%	0.014%
78	7.543	923	925	927	rVB3	996	985	0.07%	0.009%
79	7.647	934	942	956	rBV	113899	286391	19.88%	2.490%
80	7.951	990	992	993	rBV2	1553	901	0.06%	0.008%
81	8.116	1017	1019	1020	rBV2	1486	1109	0.08%	0.010%
82	8.274	1034	1045	1060	rBV2	198233	655780	45.51%	5.701%
83	8.841	1130	1138	1146	rBV	268413	538177	37.35%	4.679%
84	9.037	1166	1170	1174	rBV6	6600	10978	0.76%	0.095%
85	9.274	1202	1209	1217	rBV	158207	322797	22.40%	2.806%
86	10.036	1329	1334	1340	rBV2	68919	131490	9.13%	1.143%
87	10.323	1375	1381	1387	rBV	238518	440210	30.55%	3.827%
88	10.579	1419	1423	1429	rVB	54788	88212	6.12%	0.767%
89	10.926	1475	1480	1486	rBV	105484	188389	13.07%	1.638%
90	11.512	1560	1576	1591	rBV4	226050	1440874	100.00%	12.526%
91	11.628	1591	1595	1605	rVB	394148	737440	51.18%	6.411%
92	12.652	1752	1763	1765	rBV6	351775	1171805	81.33%	10.187%
93	13.322	1865	1873	1885	rVB2	305578	1178646	81.80%	10.247%
94	13.560	1907	1912	1929	rVB	496984	1328258	92.18%	11.547%
95	13.761	1936	1945	1955	rVB3	357188	1354454	94.00%	11.775%
96	13.853	1956	1960	1964	rBV	294935	454890	31.57%	3.955%
97	15.078	2155	2161	2171	rVB2	66843	210193	14.59%	1.827%
98	15.328	2199	2202	2205	rBV3	28598	47007	3.26%	0.409%
99	15.621	2246	2250	2260	rVB3	81558	206218	14.31%	1.793%
100	16.279	2354	2358	2364	rBV2	30006	52793	3.66%	0.459%

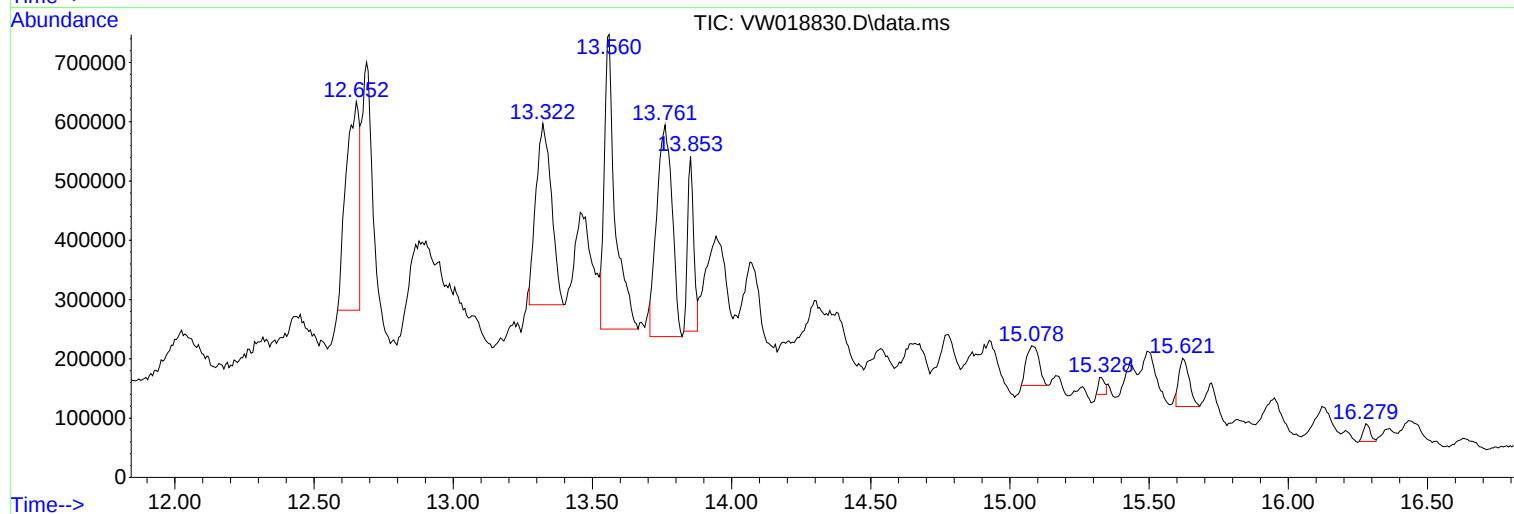
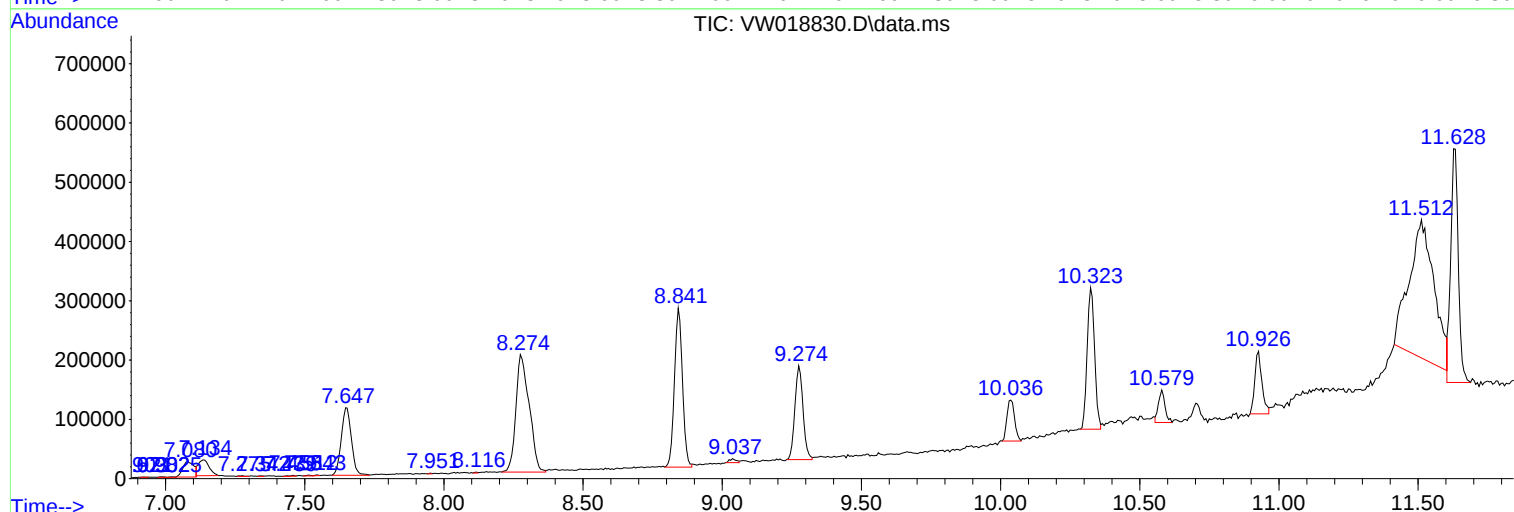
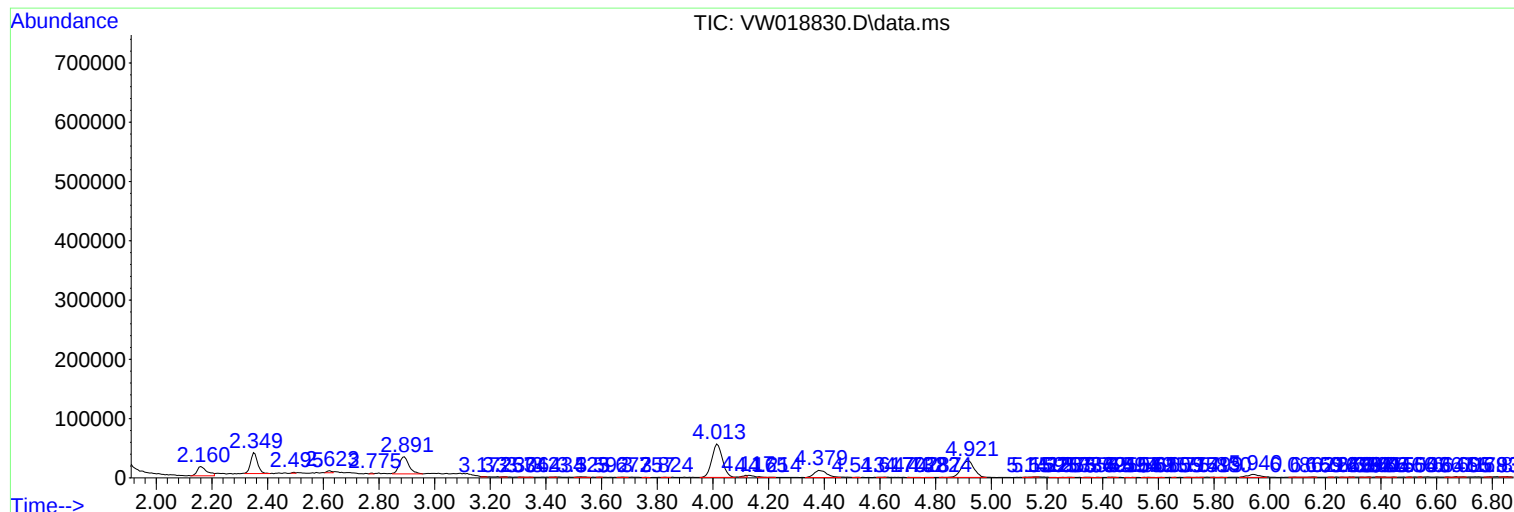
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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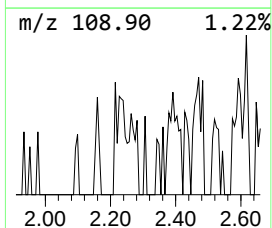
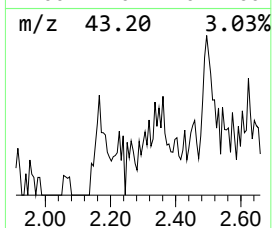
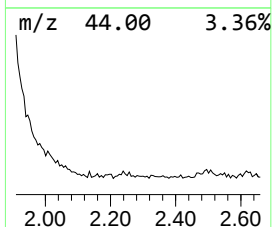
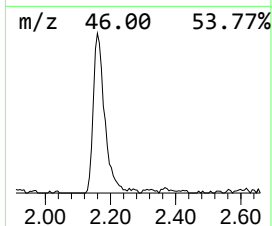
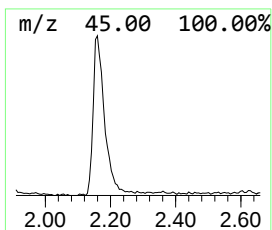
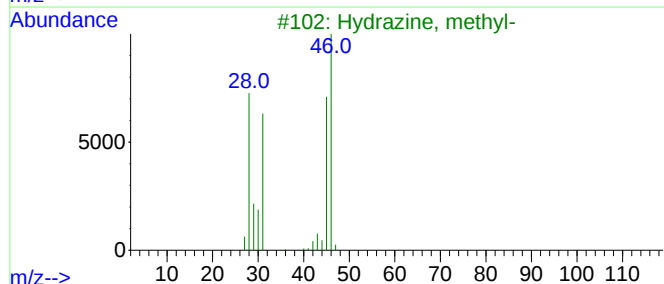
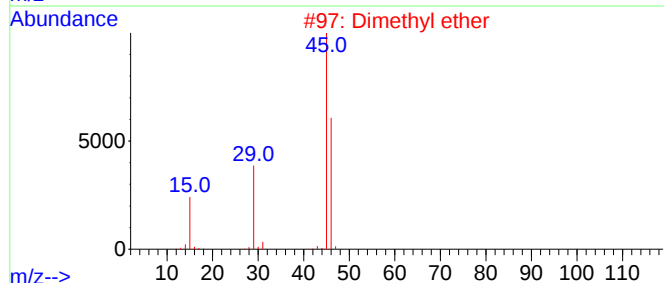
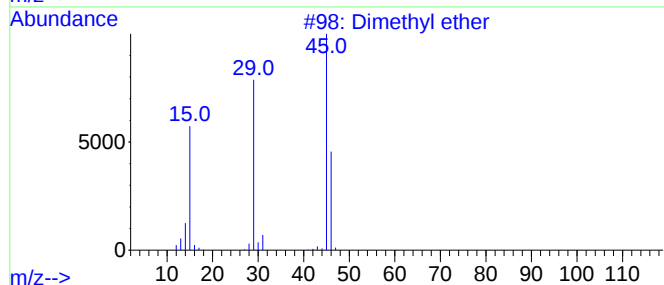
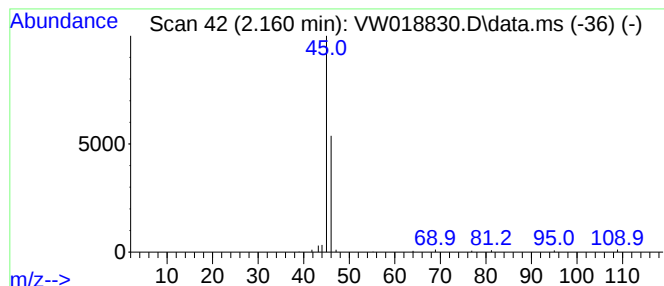
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dimethyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	1.79 ug/L	38635	1,4-Difluorobenzene	8.841

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			Hydrazine, methyl-	46	CH6N2	000060-34-4	7
4			Ethanol	46	C2H6O	000064-17-5	5
5			Ethanol	46	C2H6O	000064-17-5	5



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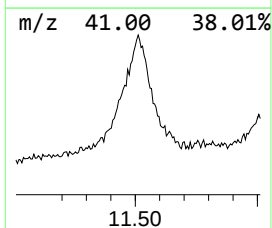
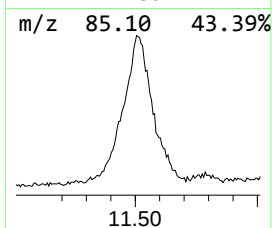
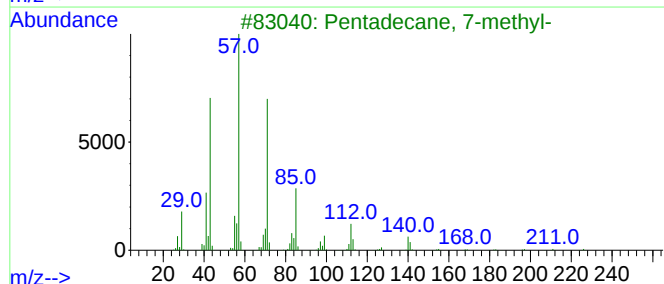
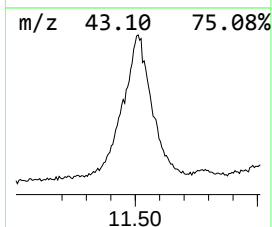
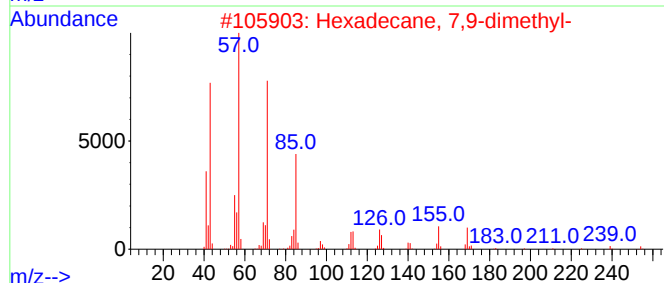
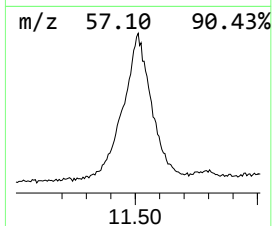
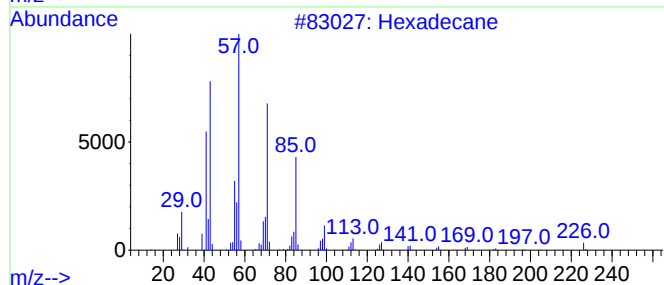
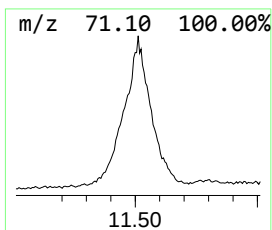
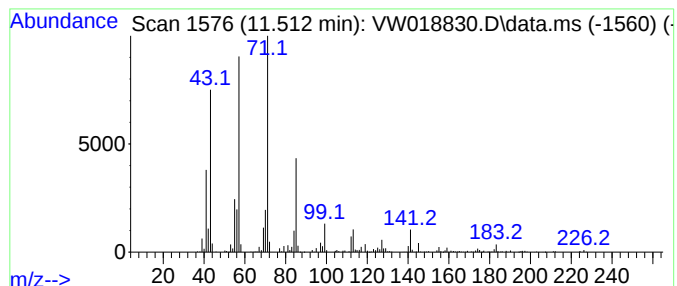
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	48.85 ug/L	1440870	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	89
2			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
4			Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	72
5			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72



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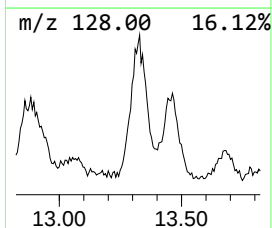
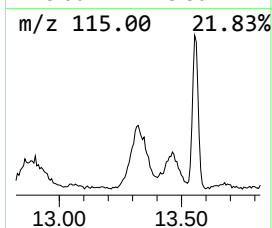
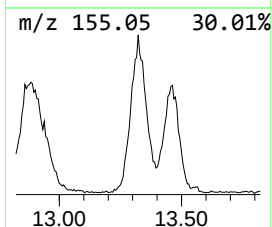
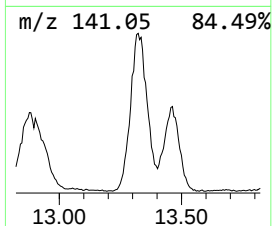
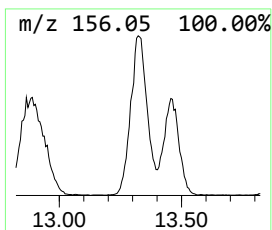
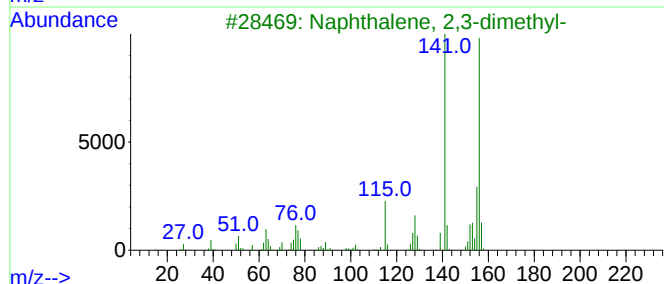
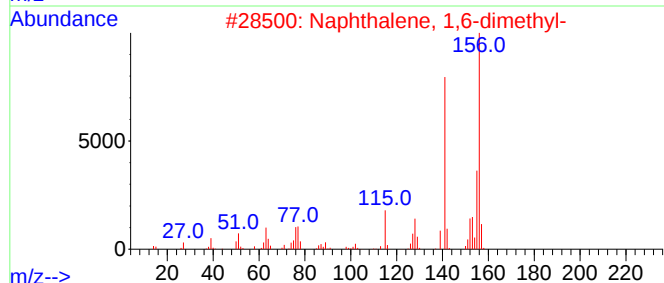
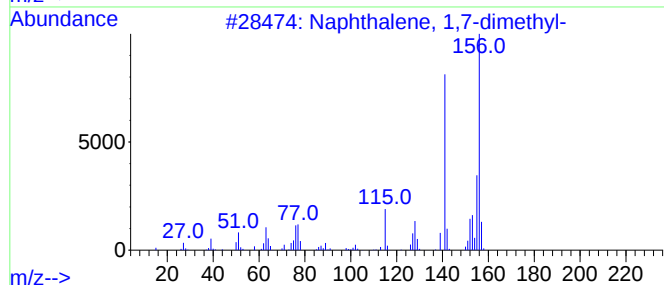
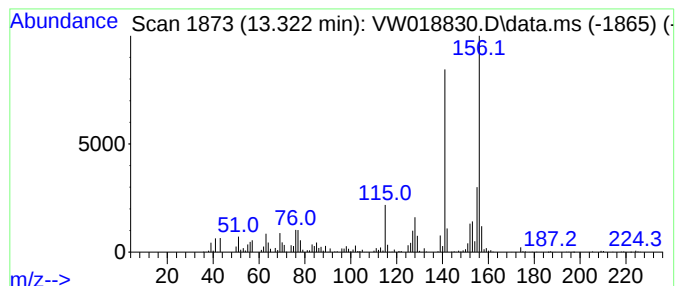
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	22.18 ug/L	1178650	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018830.D
Acq On : 28 Apr 2021 19:07
Operator : SY/VA
Sample : M2177-18
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG588

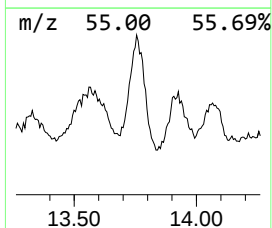
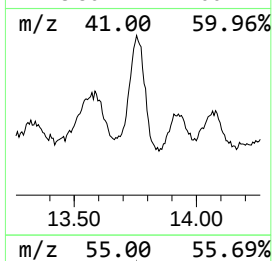
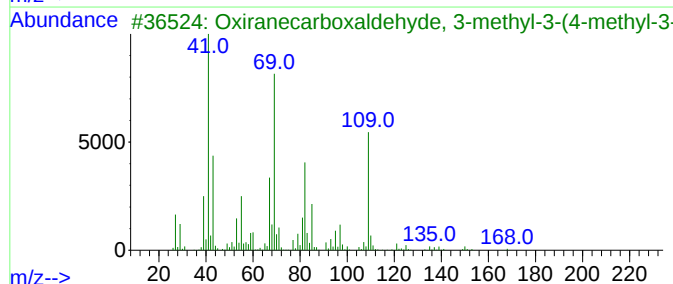
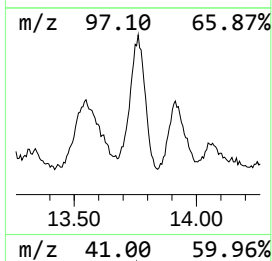
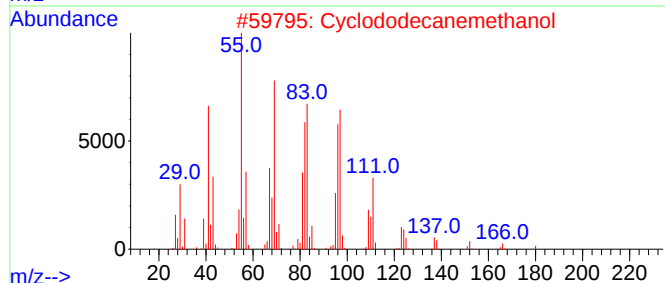
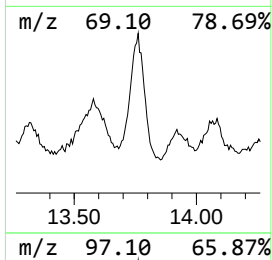
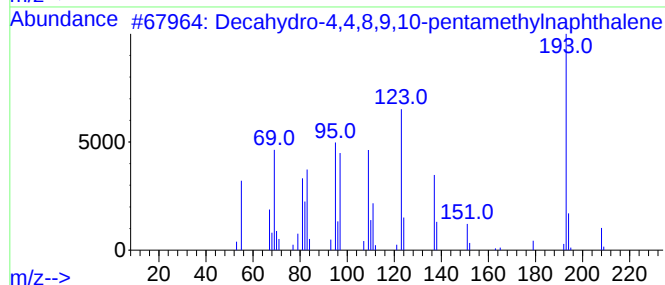
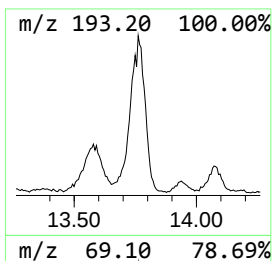
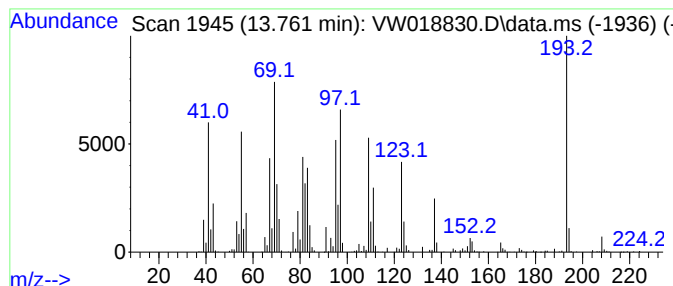
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	25.49 ug/L	1354450	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2			Cyclododecanemethanol	198	C13H26O	001892-12-2	35
3			Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	22
4			1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	20
5			1,6-Heptadiene, 3,3-dimethyl-	124	C9H16	068701-61-1	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018830.D
Acq On : 28 Apr 2021 19:07
Operator : SY/VA
Sample : M2177-18
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG588

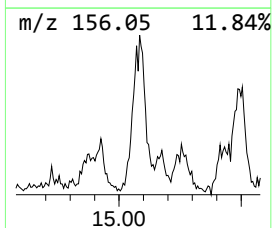
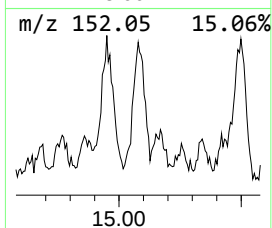
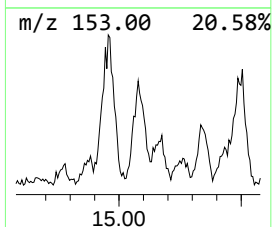
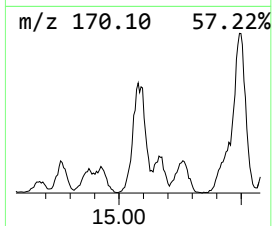
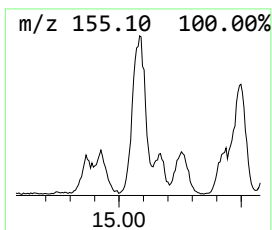
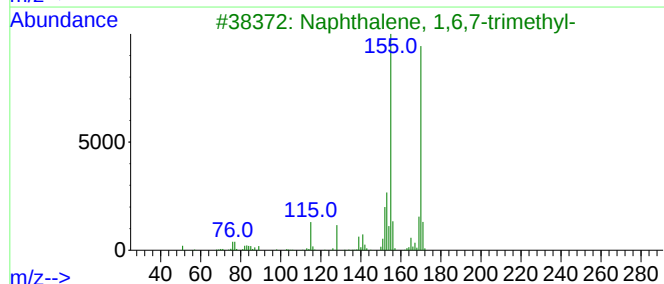
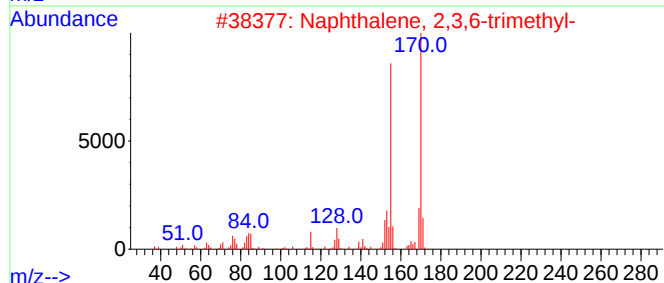
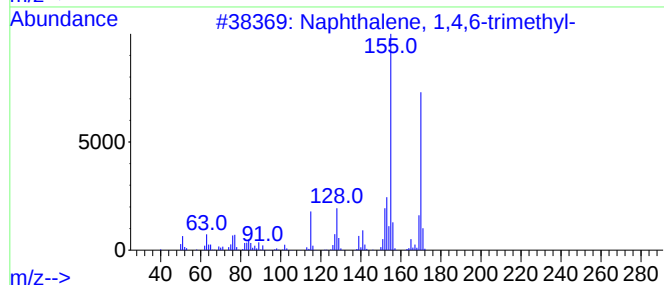
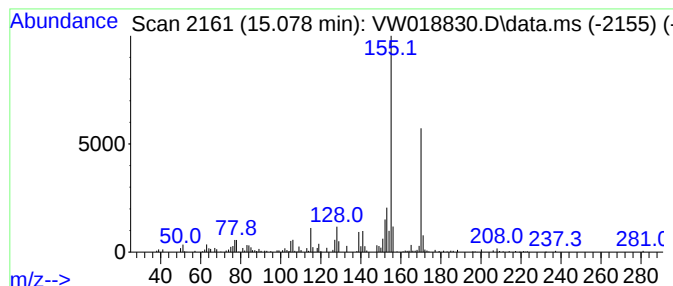
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.078	3.96 ug/L	210193	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018830.D
Acq On : 28 Apr 2021 19:07
Operator : SY/VA
Sample : M2177-18
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG588

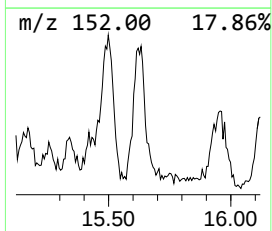
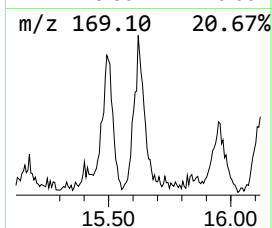
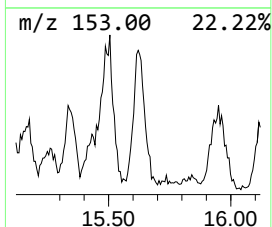
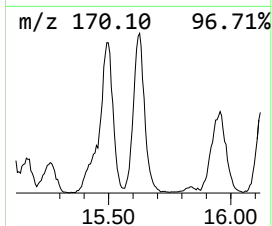
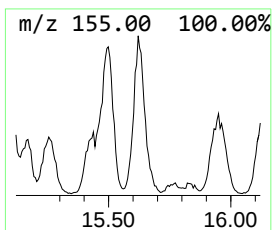
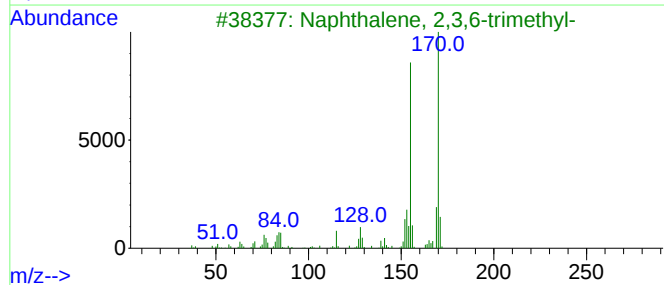
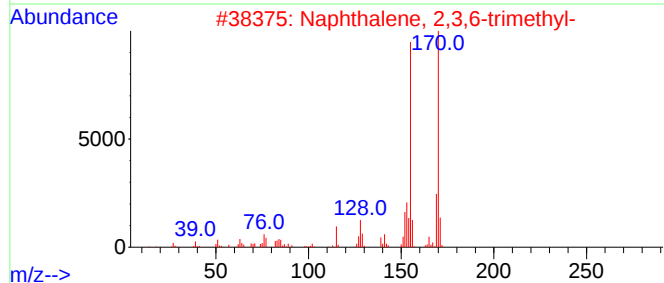
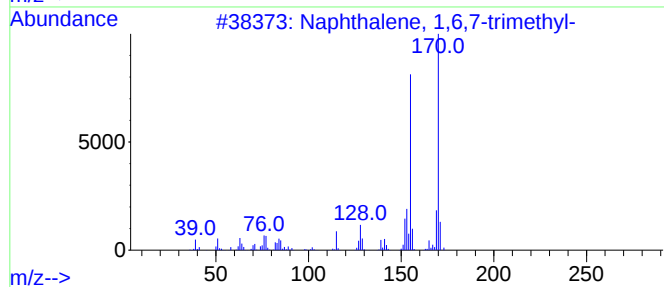
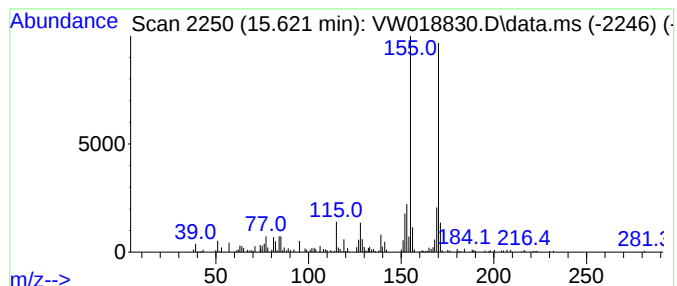
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.621	3.88 ug/L	206218	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018830.D
Acq On : 28 Apr 2021 19:07
Operator : SY/VA
Sample : M2177-18
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG588

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	2.160	1.8	ug/L	38635	1	8.841	538177	25.0
(DEL) Alkane: S...	11.512	48.9	ug/L	1440870	2	11.634	737440	25.0
Naphthalene, 1,...	13.322	22.2	ug/L	1178650	3	13.560	1328260	25.0
unknown-01	13.761	25.5	ug/L	1354450	3	13.560	1328260	25.0
Naphthalene, 1,...	15.078	4.0	ug/L	210193	3	13.560	1328260	25.0
Naphthalene, 1,...	15.621	3.9	ug/L	206218	3	13.560	1328260	25.0