

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018768.D
 Acq On : 23 Apr 2021 19:21
 Operator : SY/VA
 Sample : M2165-17
 Misc : 8.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB3F8

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: VW018768.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	68	rVV2	112518	404829	1.20%	0.893%
2	2.361	69	75	86	rVB	92066	194655	0.58%	0.429%
3	2.892	155	162	178	rVB	57470	144277	0.43%	0.318%
4	3.032	179	185	195	rVB2	25868	60539	0.18%	0.134%
5	3.391	236	244	259	rVB2	19562	48194	0.14%	0.106%
6	4.026	336	348	360	rBV	99011	310948	0.92%	0.686%
7	4.379	404	406	408	rVV2	649	869	0.00%	0.002%
8	4.403	408	410	411	rVV2	1096	860	0.00%	0.002%
9	4.452	416	418	421	rVV3	738	1043	0.00%	0.002%
10	4.684	453	456	460	rVV2	617	887	0.00%	0.002%
11	4.928	483	496	514	rVV6	28055	128624	0.38%	0.284%
12	5.446	570	581	592	rVB4	5037	18478	0.05%	0.041%
13	5.793	633	638	647	rVB5	1151	3688	0.01%	0.008%
14	5.946	652	663	677	rBV3	21490	65251	0.19%	0.144%
15	6.885	815	817	819	rVV2	861	1033	0.00%	0.002%
16	6.903	819	820	823	rVV3	1262	1226	0.00%	0.003%
17	6.988	826	834	840	rVV5	4363	11861	0.04%	0.026%
18	7.080	841	849	870	rVV2	64373	201361	0.60%	0.444%
19	7.257	870	878	891	rVB	52527	134318	0.40%	0.296%
20	7.653	932	943	959	rVV	224104	558056	1.65%	1.231%
21	7.933	979	989	1000	rBV6	9781	38709	0.11%	0.085%
22	8.037	1000	1006	1015	rVB6	2933	8443	0.03%	0.019%
23	8.159	1015	1026	1035	rBV3	10434	22539	0.07%	0.050%
24	8.281	1035	1046	1062	rVV2	384579	1265226	3.75%	2.792%
25	8.397	1063	1065	1066	rVV2	1683	1669	0.00%	0.004%
26	8.433	1069	1071	1078	rVB4	3801	5596	0.02%	0.012%
27	8.506	1078	1083	1088	rBV5	2543	4846	0.01%	0.011%
28	8.567	1088	1093	1102	rVB7	3706	8803	0.03%	0.019%
29	8.695	1107	1114	1122	rBV	28855	56644	0.17%	0.125%
30	8.842	1129	1138	1152	rBV	519739	1010506	2.99%	2.230%
31	9.092	1171	1179	1185	rBV4	11534	24935	0.07%	0.055%
32	9.140	1185	1187	1193	rVB3	532	870	0.00%	0.002%
33	9.275	1198	1209	1216	rBV	313901	633089	1.88%	1.397%
34	9.336	1216	1219	1226	rVB2	28235	50188	0.15%	0.111%
35	9.518	1244	1249	1256	rVB6	2350	4767	0.01%	0.011%
36	9.579	1256	1259	1260	rBV2	1003	1157	0.00%	0.003%

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

37	9.610	1260	1264	1268	rVV5	2086	3990	0.01%	0.009%
38	9.665	1268	1273	1279	rVB4	1771	3527	0.01%	0.008%
39	9.756	1283	1288	1294	rVB4	2658	5141	0.02%	0.011%
40	9.902	1305	1312	1315	rBV3	2282	5018	0.01%	0.011%
41	9.957	1315	1321	1327	rVV2	12307	25998	0.08%	0.057%
42	10.037	1328	1334	1341	rVV	146818	272425	0.81%	0.601%
43	10.098	1341	1344	1358	rVB5	8416	21709	0.06%	0.048%
44	10.213	1358	1363	1367	rBV5	1231	2306	0.01%	0.005%
45	10.323	1372	1381	1387	rBV	491652	878046	2.60%	1.937%
46	10.390	1387	1392	1399	rVB	82710	147762	0.44%	0.326%
47	10.506	1404	1411	1416	rVB	34078	56659	0.17%	0.125%
48	10.579	1416	1423	1432	rBV	100755	175516	0.52%	0.387%
49	10.665	1432	1437	1441	rBV2	5650	9866	0.03%	0.022%
50	10.707	1441	1444	1448	rVB2	5448	7451	0.02%	0.016%
51	10.762	1448	1453	1458	rBV4	3233	5576	0.02%	0.012%
52	10.866	1460	1470	1477	rBV	19543389	33755778	100.00%	74.477%
53	10.927	1477	1480	1493	rVB	263549	408425	1.21%	0.901%
54	11.067	1501	1503	1507	rBV4	2384	3517	0.01%	0.008%
55	11.146	1514	1516	1517	rBV2	1244	1005	0.00%	0.002%
56	11.183	1517	1522	1525	rVV3	7870	12567	0.04%	0.028%
57	11.232	1525	1530	1536	rVB7	6299	11407	0.03%	0.025%
58	11.286	1536	1539	1543	rVB5	1547	1683	0.00%	0.004%
59	11.335	1543	1547	1552	rBV6	3178	4945	0.01%	0.011%
60	11.414	1554	1560	1570	rVB6	7413	23965	0.07%	0.053%
61	11.512	1570	1576	1581	rBV4	6512	11598	0.03%	0.026%
62	11.634	1588	1596	1606	rBV	652555	1135835	3.36%	2.506%
63	11.731	1606	1612	1620	rBV	25151	45081	0.13%	0.099%
64	11.841	1620	1630	1640	rVV2	70907	150681	0.45%	0.332%
65	11.914	1640	1642	1647	rVB6	4631	5948	0.02%	0.013%
66	12.164	1672	1683	1690	rBV	23576	49420	0.15%	0.109%
67	12.250	1694	1697	1701	rVB3	4010	5786	0.02%	0.013%
68	12.298	1703	1705	1708	rBV3	1037	1424	0.00%	0.003%
69	12.341	1708	1712	1714	rBV3	4846	6650	0.02%	0.015%
70	12.609	1751	1756	1761	rVB2	10890	17292	0.05%	0.038%
71	12.695	1761	1770	1777	rBV	356627	588870	1.74%	1.299%
72	12.780	1780	1784	1785	rBV3	2806	3031	0.01%	0.007%
73	12.865	1793	1798	1801	rBV	10450	17605	0.05%	0.039%
74	12.939	1805	1810	1816	rVB3	22717	44401	0.13%	0.098%
75	13.103	1829	1837	1841	rBV4	3982	8432	0.02%	0.019%
76	13.164	1844	1847	1850	rBV4	1911	2462	0.01%	0.005%

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 Title : SFAM01.0

77	13.249	1856	1861	1867	rBV2	27155	46531	0.14%	0.103%
78	13.396	1880	1885	1889	rBV4	9037	15415	0.05%	0.034%
79	13.554	1904	1911	1922	rBV	596055	978218	2.90%	2.158%
80	13.749	1938	1943	1946	rBV5	2995	5045	0.01%	0.011%
81	13.786	1946	1949	1953	rVV2	3745	5782	0.02%	0.013%
82	13.853	1953	1960	1970	rVB	499748	816891	2.42%	1.802%
83	14.005	1983	1985	1989	rBV4	1814	2889	0.01%	0.006%
84	14.066	1991	1995	2006	rVB3	9393	22744	0.07%	0.050%
85	14.146	2006	2008	2013	rVB4	876	1325	0.00%	0.003%
86	14.207	2013	2018	2021	rBV7	1996	3883	0.01%	0.009%
87	14.268	2023	2028	2031	rBV6	1348	2596	0.01%	0.006%
88	14.329	2033	2038	2045	rBV6	9044	15368	0.05%	0.034%
89	14.389	2045	2048	2049	rBV3	1676	1655	0.00%	0.004%
90	14.457	2056	2059	2063	rVB2	2131	2671	0.01%	0.006%
91	14.719	2095	2102	2110	rBV10	3420	6831	0.02%	0.015%
92	14.786	2110	2113	2120	rBV5	2449	5705	0.02%	0.013%
93	14.938	2135	2138	2139	rBV3	1365	1060	0.00%	0.002%
94	14.956	2139	2141	2142	rVV2	1269	907	0.00%	0.002%
95	15.176	2172	2177	2182	rBV6	3211	6034	0.02%	0.013%
96	15.261	2187	2191	2192	rBV3	742	916	0.00%	0.002%
97	15.365	2205	2208	2211	rVB3	2168	2597	0.01%	0.006%
98	15.481	2224	2227	2234	rVB3	3405	6940	0.02%	0.015%
99	15.542	2234	2237	2241	rBV5	1380	2037	0.01%	0.004%
100	16.438	2380	2384	2385	rBV4	1302	1899	0.01%	0.004%

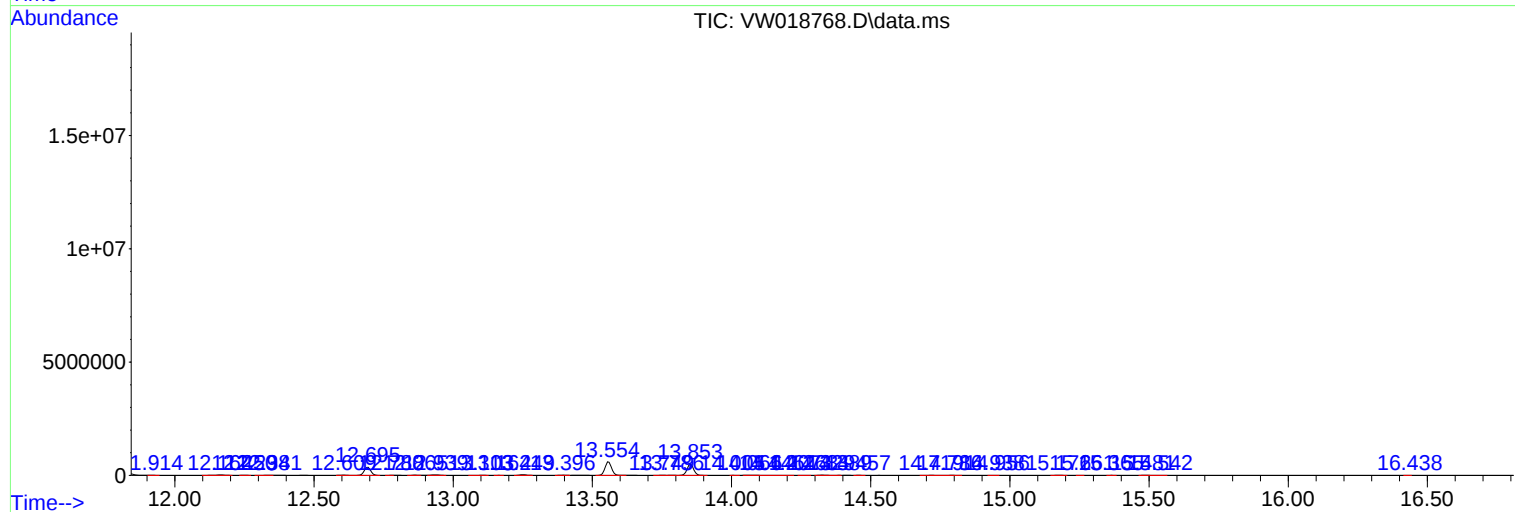
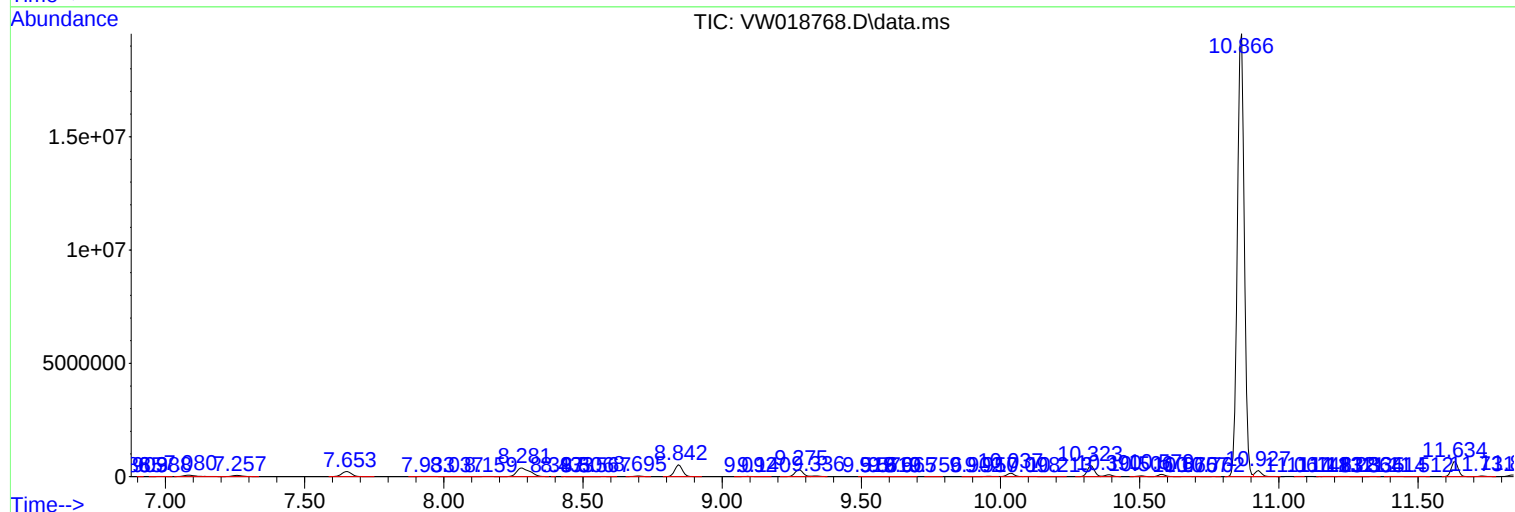
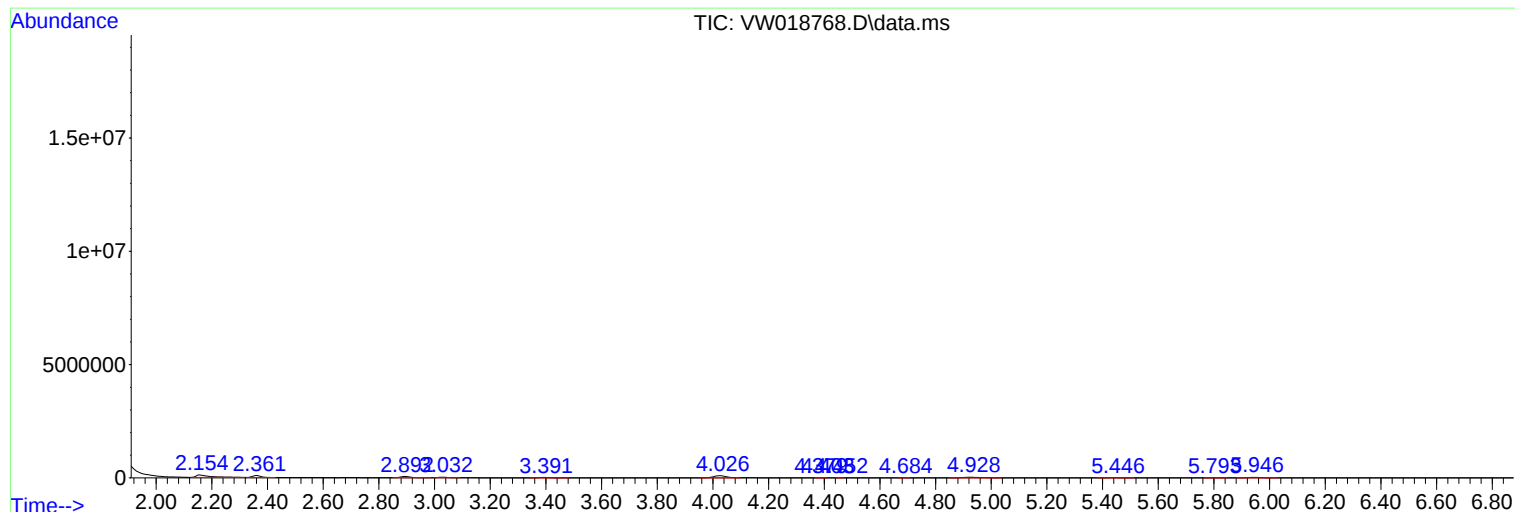
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Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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



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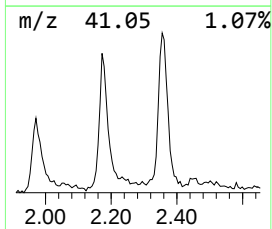
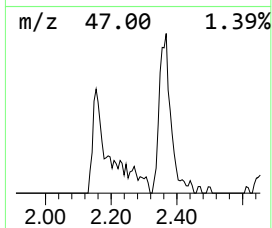
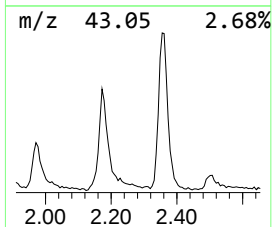
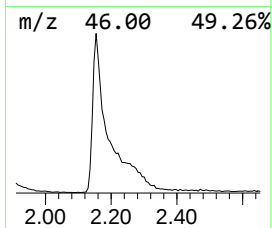
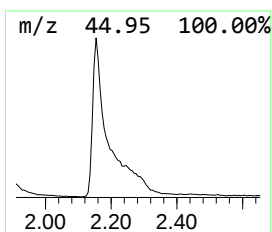
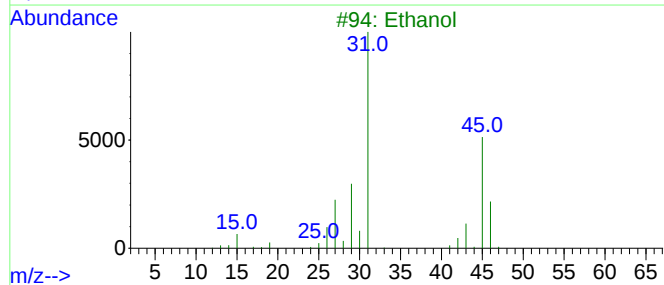
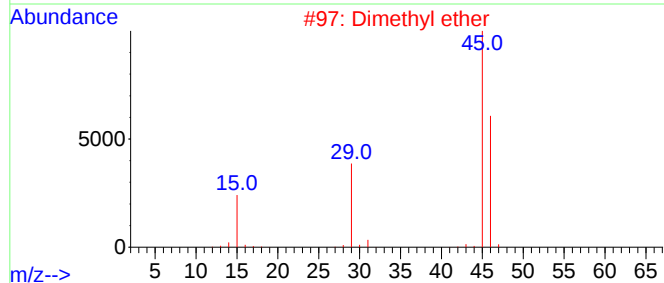
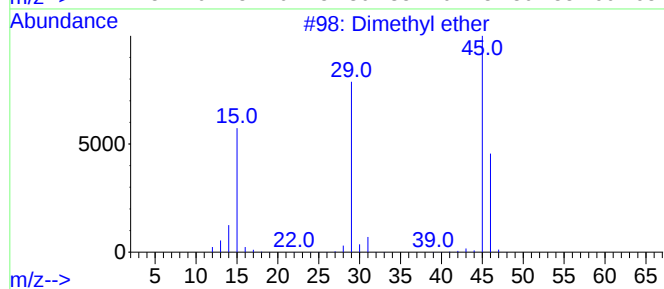
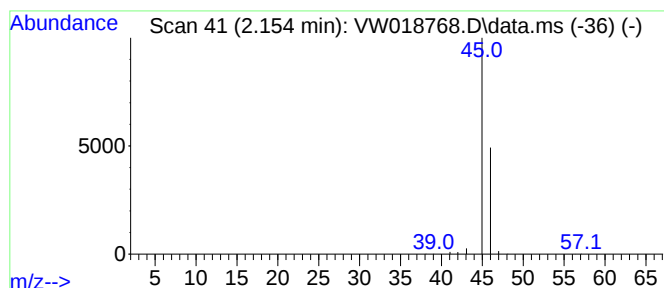
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.154	10.02 ug/L	404829	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dimethyl ether	46	C2H6O	000115-10-6	74
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Ethanol	46	C2H6O	000064-17-5	7
4		Ethanol	46	C2H6O	000064-17-5	7
5		Formic acid	46	CH2O2	000064-18-6	5



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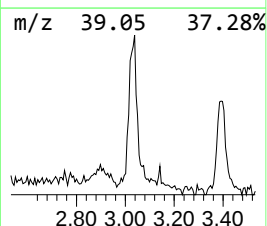
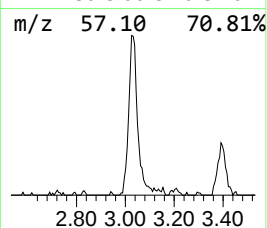
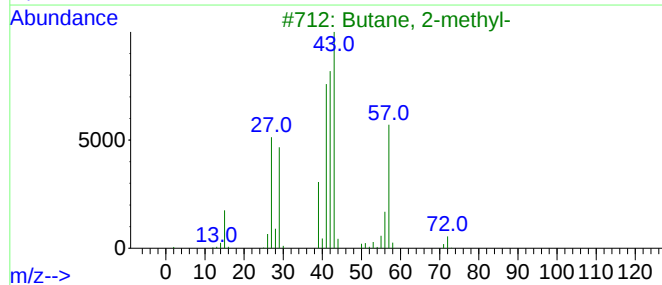
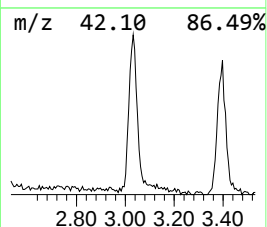
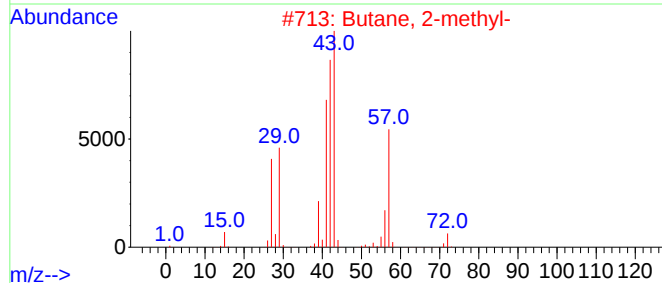
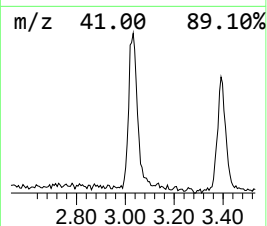
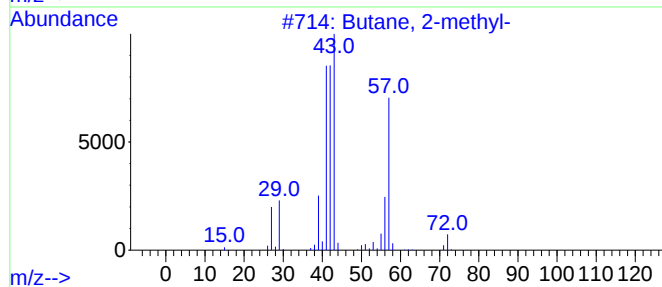
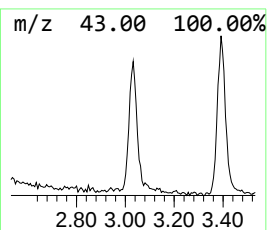
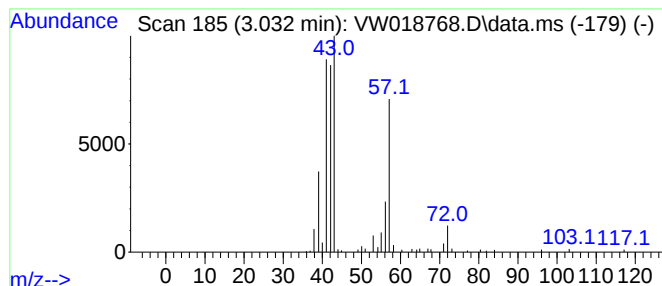
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.032	1.50 ug/L	60539	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	87
2	Butane, 2-methyl-			72	C5H12	000078-78-4	86
3	Butane, 2-methyl-			72	C5H12	000078-78-4	78
4	Oxirane, ethyl-			72	C4H8O	000106-88-7	53
5	Pentane			72	C5H12	000109-66-0	33



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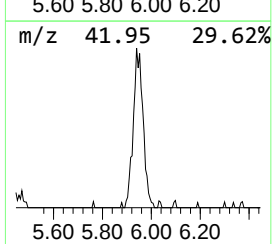
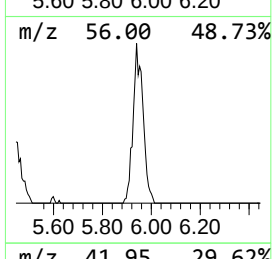
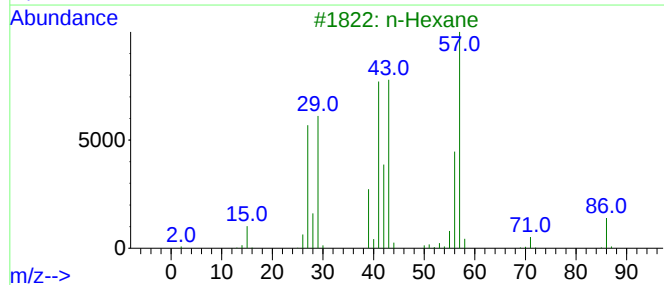
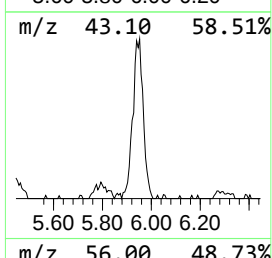
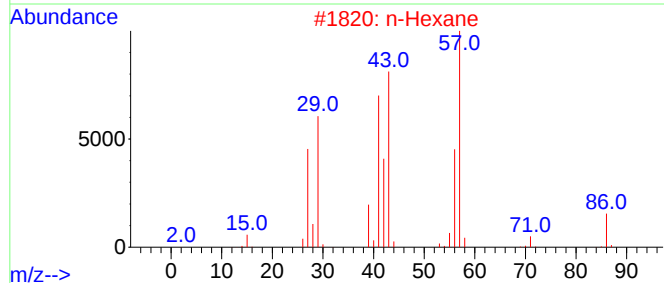
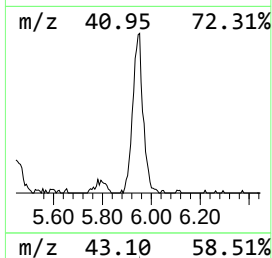
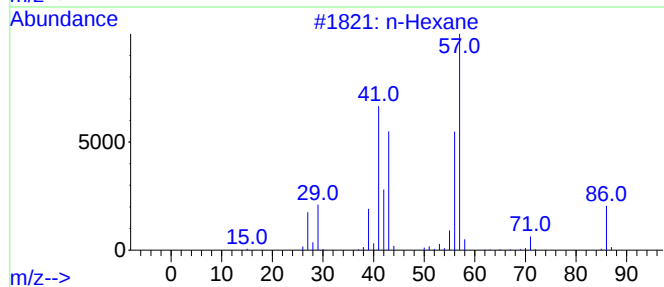
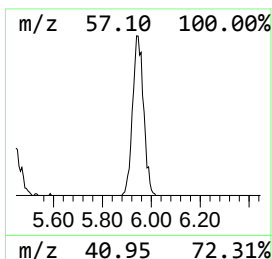
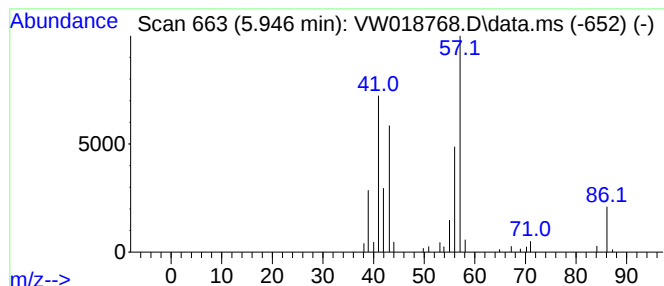
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	1.61 ug/L	65251	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	64
3		n-Hexane	86	C6H14	000110-54-3	64
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	47
5		Morpholine	87	C4H9NO	000110-91-8	39



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
Data File : VW018768.D
Acq On : 23 Apr 2021 19:21
Operator : SY/VA
Sample : M2165-17
Misc : 8.16G/10ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB3F8

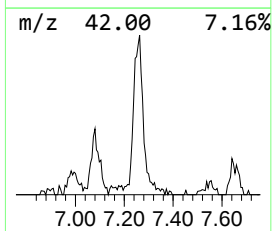
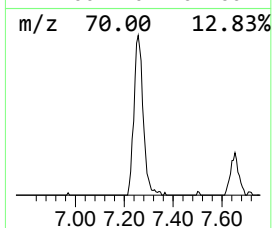
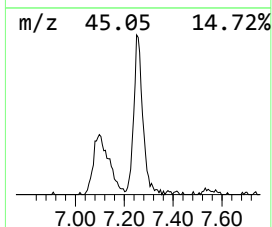
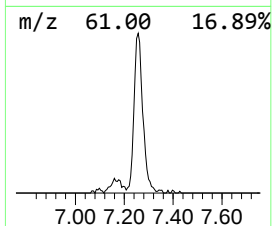
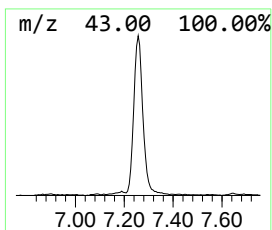
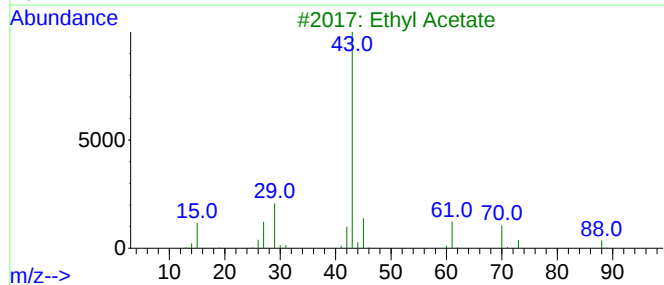
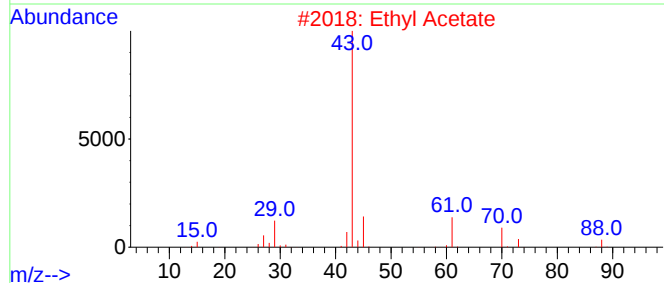
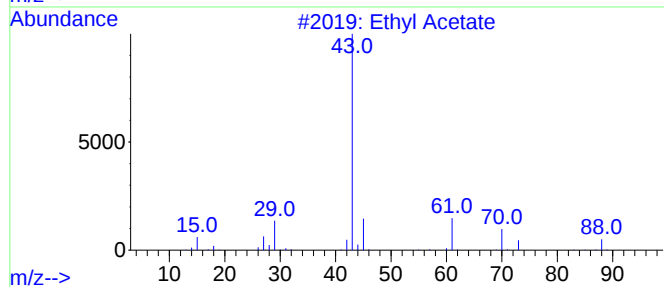
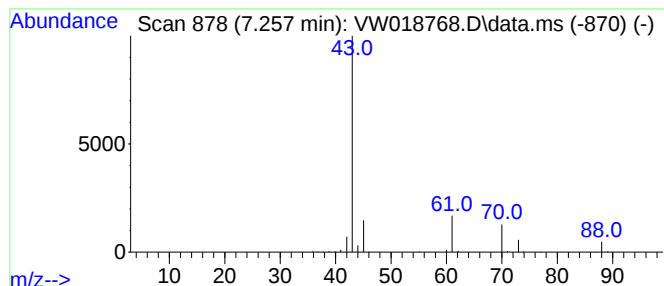
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Quant Title : SFAM01.0

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

Peak Number 4 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	3.32 ug/L	134318	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	86
2			Ethyl Acetate	88	C4H8O2	000141-78-6	86
3			Ethyl Acetate	88	C4H8O2	000141-78-6	86
4			Ethyl Acetate	88	C4H8O2	000141-78-6	78
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
Data File : VW018768.D
Acq On : 23 Apr 2021 19:21
Operator : SY/VA
Sample : M2165-17
Misc : 8.16G/10ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB3F8

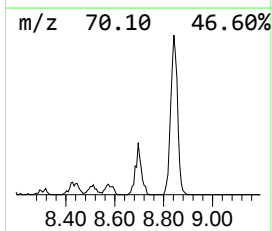
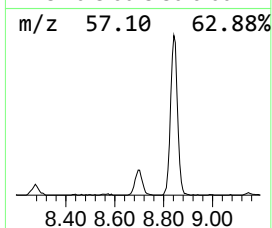
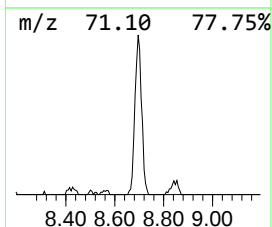
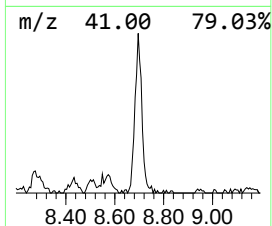
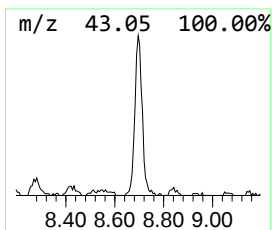
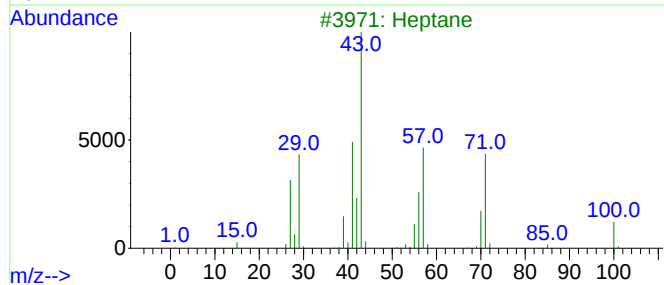
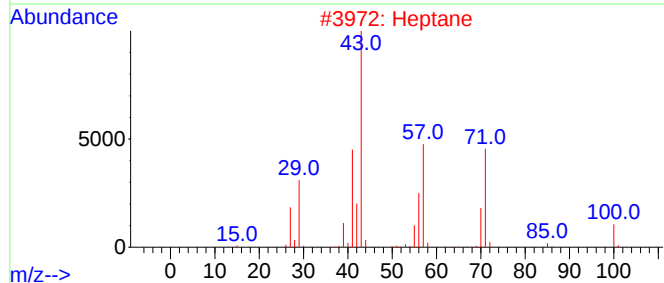
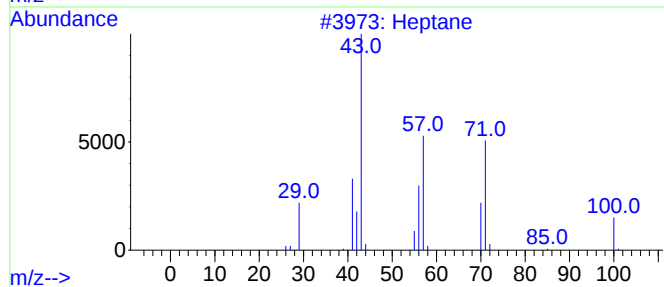
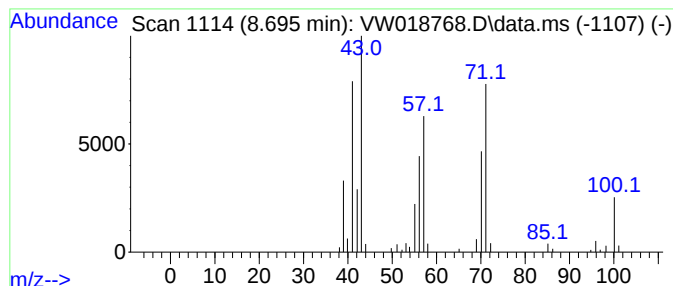
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	1.40 ug/L	56644	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	72
2			Heptane	100	C7H16	000142-82-5	58
3			Heptane	100	C7H16	000142-82-5	58
4			Heptane	100	C7H16	000142-82-5	56
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018768.D
 Acq On : 23 Apr 2021 19:21
 Operator : SY/VA
 Sample : M2165-17
 Misc : 8.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB3F8

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	2.154	10.0	ug/L	404829	1	8.842	1010510	25.0
(DEL) Alkane: S...	3.032	1.5	ug/L	60539	1	8.842	1010510	25.0
(DEL) Alkane: S...	5.946	1.6	ug/L	65251	1	8.842	1010510	25.0
Ethyl Acetate	7.257	3.3	ug/L	134318	1	8.842	1010510	25.0
(DEL) Alkane: S...	8.695	1.4	ug/L	56644	1	8.842	1010510	25.0