

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
 Data File : VW025512.D
 Acq On : 30 Mar 2023 18:59
 Operator : SY/MD
 Sample : 02130-14
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11A3

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

Signal : TIC: VW025512.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	73	78	93	rVB	118023	276197	10.35%	1.915%
2	2.899	159	166	180	rBV	92208	252610	9.46%	1.751%
3	3.033	183	188	202	rVB	31492	82742	3.10%	0.574%
4	3.216	216	218	221	rBV4	1972	1840	0.07%	0.013%
5	3.295	228	231	232	rBV3	1907	1971	0.07%	0.014%
6	3.393	241	247	257	rVB4	17052	44444	1.66%	0.308%
7	3.588	276	279	284	rVB7	3307	5614	0.21%	0.039%
8	3.631	284	286	290	rBV5	998	1672	0.06%	0.012%
9	3.759	303	307	313	rVB9	3241	5394	0.20%	0.037%
10	3.850	317	322	328	rBV10	4984	11359	0.43%	0.079%
11	4.027	339	351	362	rBV	209316	680524	25.49%	4.718%
12	4.387	399	410	420	rBV4	9101	33136	1.24%	0.230%
13	4.600	441	445	446	rBV4	1996	1779	0.07%	0.012%
14	4.923	486	498	511	rBV4	35234	155870	5.84%	1.081%
15	5.197	541	543	545	rVB3	2196	1744	0.07%	0.012%
16	5.447	574	584	593	rBV4	11152	35804	1.34%	0.248%
17	5.642	614	616	618	rVB3	1585	1584	0.06%	0.011%
18	5.661	618	619	622	rBV3	2610	2361	0.09%	0.016%
19	5.691	622	624	626	rVB3	2012	1565	0.06%	0.011%
20	5.783	630	639	650	rBV2	12814	41737	1.56%	0.289%
21	5.941	656	665	675	rBV3	15969	49341	1.85%	0.342%
22	6.075	683	687	688	rBV3	1514	1722	0.06%	0.012%
23	6.203	706	708	711	rBV4	1867	2401	0.09%	0.017%
24	6.405	739	741	743	rBV3	1959	2195	0.08%	0.015%
25	6.423	743	744	747	rVV3	1790	1599	0.06%	0.011%
26	6.453	747	749	751	rVV3	1747	2281	0.09%	0.016%
27	6.514	757	759	763	rVV5	1391	1712	0.06%	0.012%
28	6.758	798	799	803	rVB4	2088	2047	0.08%	0.014%
29	6.862	813	816	817	rBV3	2168	1708	0.06%	0.012%
30	6.898	817	822	823	rBV5	2308	3582	0.13%	0.025%
31	6.984	832	836	841	rVB7	4732	8836	0.33%	0.061%
32	7.075	841	851	860	rBV	98080	301964	11.31%	2.093%
33	7.392	900	903	907	rBV6	1468	2545	0.10%	0.018%
34	7.532	924	926	930	rVB5	2995	3678	0.14%	0.025%
35	7.581	930	934	935	rBV4	1816	1929	0.07%	0.013%
36	7.648	935	945	960	rBV	493441	1231118	46.12%	8.535%

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 Title : SFAM01.0

37	7.776	964	966	971	rVB5	2817	4243	0.16%	0.029%
38	7.825	971	974	975	rBV3	2567	2181	0.08%	0.015%
39	7.849	975	978	979	rBV3	3152	3085	0.12%	0.021%
40	8.038	1001	1009	1018	rVB4	13012	36382	1.36%	0.252%
41	8.148	1022	1027	1036	rVB4	6621	16768	0.63%	0.116%
42	8.276	1036	1048	1064	rBV2	926877	2669463	100.00%	18.507%
43	8.422	1068	1072	1079	rVB5	10850	23030	0.86%	0.160%
44	8.697	1111	1117	1118	rVV6	3048	5348	0.20%	0.037%
45	8.843	1131	1141	1154	rBV	684684	1355262	50.77%	9.396%
46	8.928	1154	1155	1160	rVV5	2438	3186	0.12%	0.022%
47	9.081	1174	1180	1185	rBV10	6842	18985	0.71%	0.132%
48	9.191	1196	1198	1202	rVB5	1950	2043	0.08%	0.014%
49	9.276	1202	1212	1221	rBV	718800	1485123	55.63%	10.296%
50	9.380	1227	1229	1230	rBV2	2077	1709	0.06%	0.012%
51	9.422	1233	1236	1240	rVB6	2400	2563	0.10%	0.018%
52	9.502	1246	1249	1250	rBV3	1645	1649	0.06%	0.011%
53	9.697	1278	1281	1285	rVB5	6000	10671	0.40%	0.074%
54	9.752	1285	1290	1297	rVB6	9092	18743	0.70%	0.130%
55	9.825	1297	1302	1303	rBV5	2327	3466	0.13%	0.024%
56	9.861	1304	1308	1309	rBV3	2614	3607	0.14%	0.025%
57	9.892	1309	1313	1318	rVB4	9775	17630	0.66%	0.122%
58	9.947	1318	1322	1328	rVB9	4823	8009	0.30%	0.056%
59	10.032	1330	1336	1345	rBV	179033	328971	12.32%	2.281%
60	10.209	1362	1365	1367	rBV4	2758	3342	0.13%	0.023%
61	10.245	1367	1371	1376	rVB4	7547	12308	0.46%	0.085%
62	10.325	1376	1384	1391	rBV	929546	1679017	62.90%	11.641%
63	10.386	1391	1394	1402	rVB2	11481	22249	0.83%	0.154%
64	10.495	1409	1412	1413	rBV3	3162	3108	0.12%	0.022%
65	10.581	1419	1426	1431	rBV	73473	131244	4.92%	0.910%
66	10.703	1439	1446	1457	rBV2	20957	48943	1.83%	0.339%
67	10.861	1466	1472	1476	rBV2	24176	45156	1.69%	0.313%
68	10.922	1476	1482	1493	rVV	220948	383661	14.37%	2.660%
69	11.062	1500	1505	1514	rBV7	11716	24339	0.91%	0.169%
70	11.129	1514	1516	1520	rVB5	4591	6097	0.23%	0.042%
71	11.178	1520	1524	1526	rBV5	2637	4082	0.15%	0.028%
72	11.282	1539	1541	1547	rVB7	3770	5871	0.22%	0.041%
73	11.373	1553	1556	1561	rBV7	3003	6782	0.25%	0.047%
74	11.434	1563	1566	1572	rVB7	6777	11562	0.43%	0.080%
75	11.507	1576	1578	1581	rVB4	1949	1860	0.07%	0.013%
76	11.629	1590	1598	1607	rBV	532927	908348	34.03%	6.298%

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 Title : SFAM01.0

77	11.812	1624	1628	1629	rBV4	2604	3161	0.12%	0.022%
78	11.952	1646	1651	1653	rBV6	2045	2552	0.10%	0.018%
79	12.123	1678	1679	1682	rBV3	2958	2449	0.09%	0.017%
80	12.294	1703	1707	1709	rBV5	2161	2866	0.11%	0.020%
81	12.434	1728	1730	1732	rVV3	1681	1544	0.06%	0.011%
82	12.599	1752	1757	1765	rVB	35954	66741	2.50%	0.463%
83	12.690	1765	1772	1779	rBV	458574	743814	27.86%	5.157%
84	12.757	1779	1783	1784	rBV4	4049	5256	0.20%	0.036%
85	12.855	1797	1799	1801	rBV3	2274	2278	0.09%	0.016%
86	12.891	1801	1805	1808	rVV6	5539	8691	0.33%	0.060%
87	13.117	1837	1842	1848	rVB2	11770	21255	0.80%	0.147%
88	13.196	1848	1855	1858	rBV7	4517	10585	0.40%	0.073%
89	13.287	1868	1870	1874	rVB5	3201	2801	0.10%	0.019%
90	13.397	1880	1888	1894	rBV6	8761	21104	0.79%	0.146%
91	13.464	1897	1899	1903	rVV5	3084	3776	0.14%	0.026%
92	13.556	1908	1914	1920	rBV	150183	242867	9.10%	1.684%
93	13.641	1925	1928	1933	rVB3	13074	19324	0.72%	0.134%
94	13.745	1943	1945	1946	rBV2	3510	2557	0.10%	0.018%
95	13.848	1956	1962	1969	rBV	260645	424237	15.89%	2.941%
96	14.062	1992	1997	2004	rBV	38114	61100	2.29%	0.424%
97	14.190	2017	2018	2019	rBV	3828	2240	0.08%	0.016%
98	14.415	2051	2055	2060	rVB4	25662	38152	1.43%	0.265%
99	15.427	2212	2221	2226	rBV	59280	121207	4.54%	0.840%
100	15.476	2227	2229	2239	rVB3	15664	34677	1.30%	0.240%

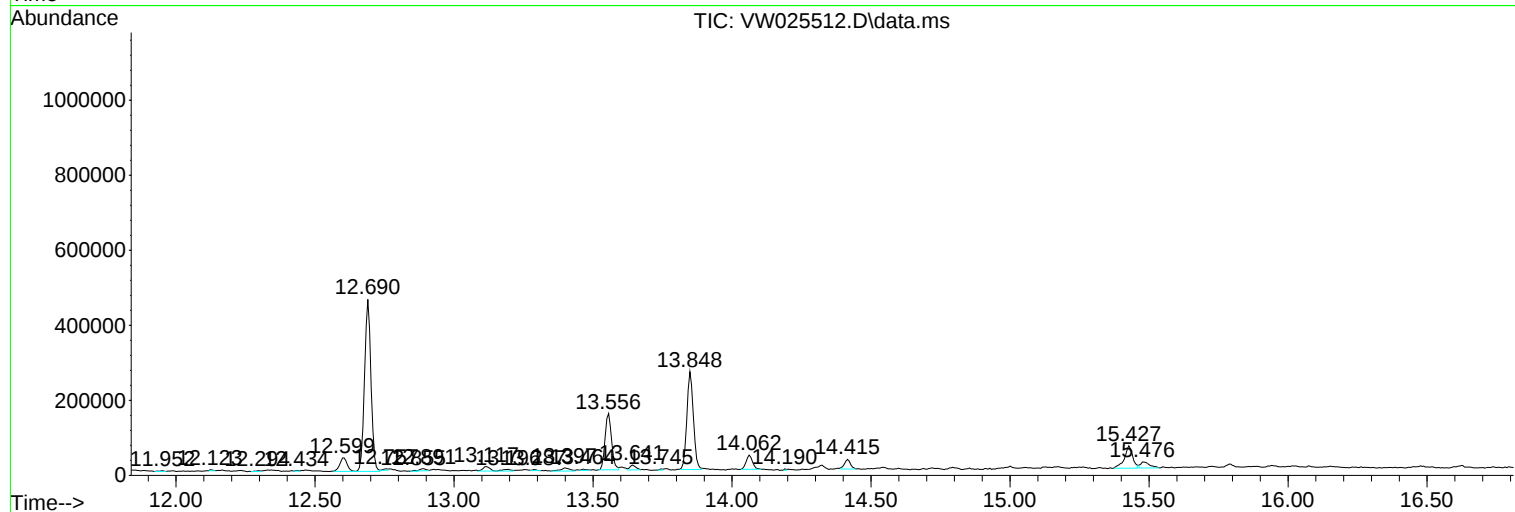
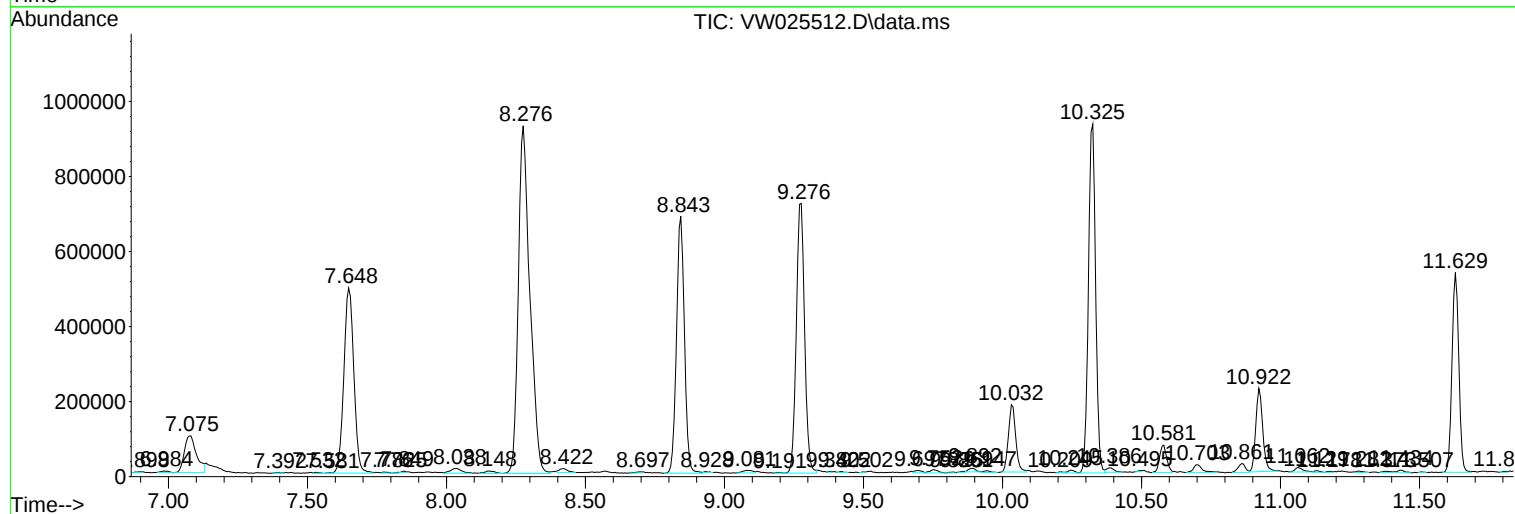
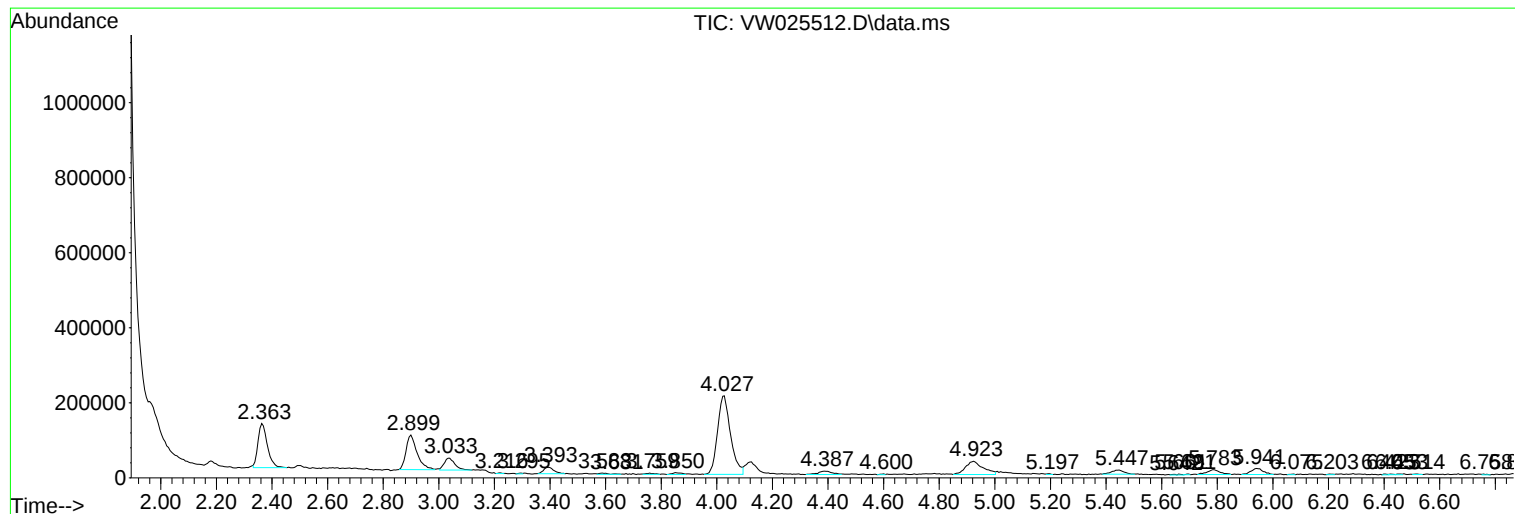
Sum of corrected areas: 14423925

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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



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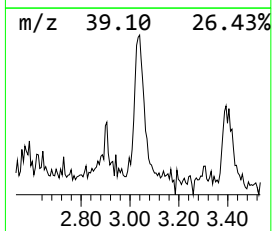
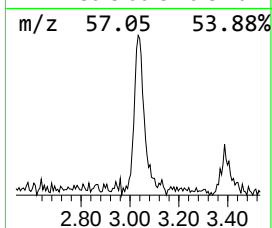
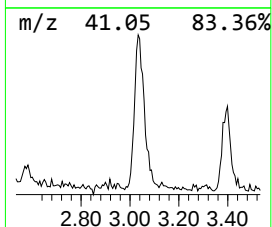
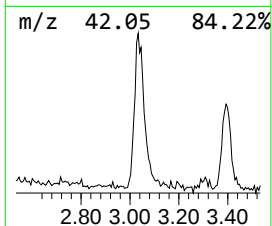
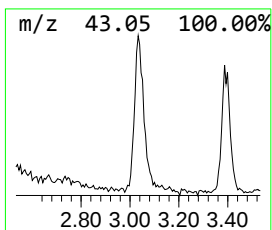
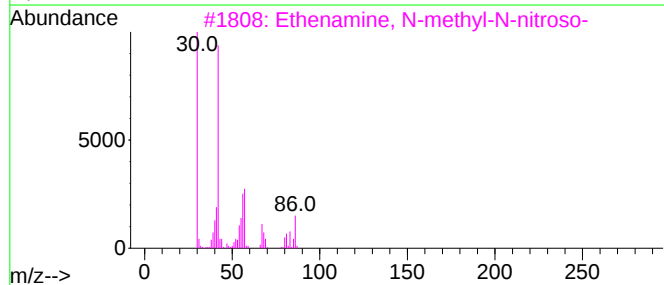
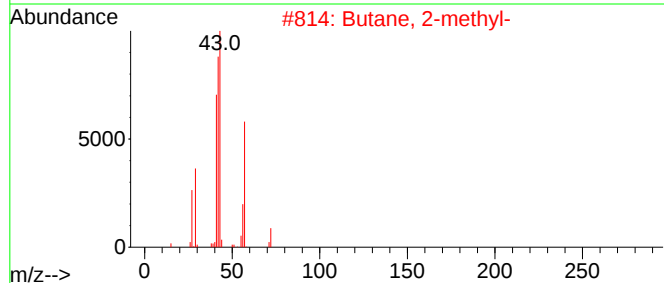
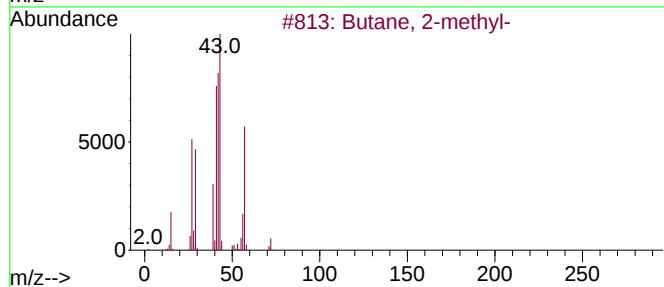
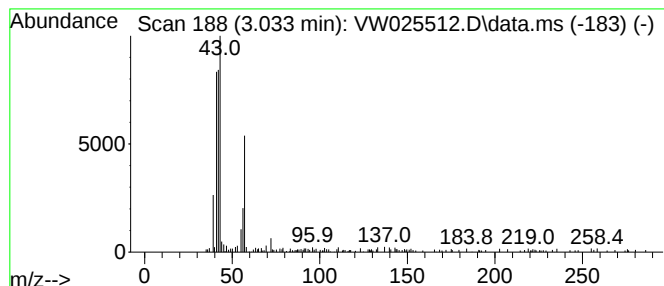
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.033	1.53 ug/L	82742	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	72
2	Butane, 2-methyl-			72	C5H12	000078-78-4	64
3	Ethenamine, N-methyl-N-nitroso-			86	C3H6N2O	004549-40-0	56
4	Propane, 1-chloro-2-methyl-			92	C4H9Cl	000513-36-0	53
5	Pentane			72	C5H12	000109-66-0	42



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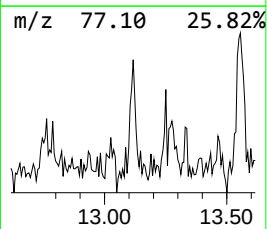
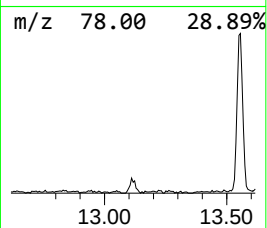
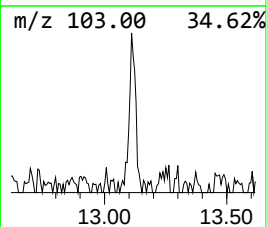
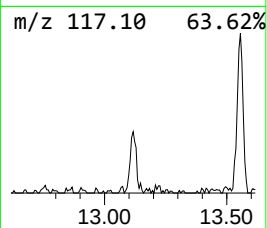
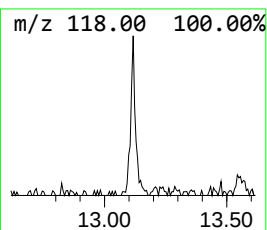
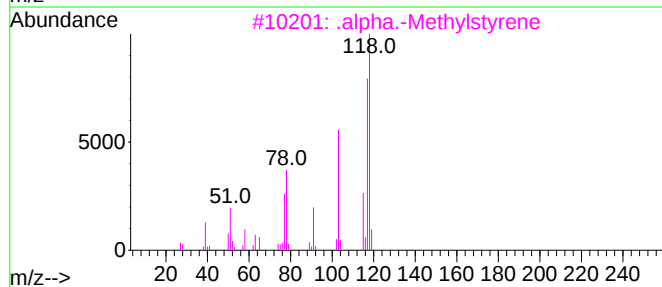
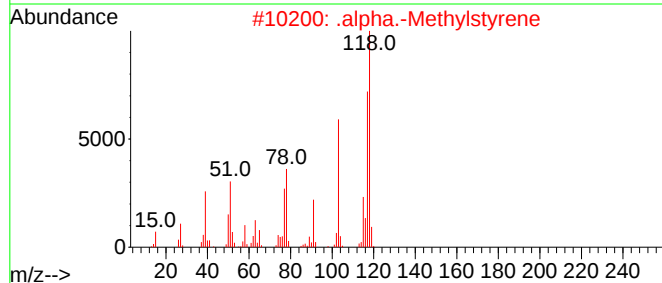
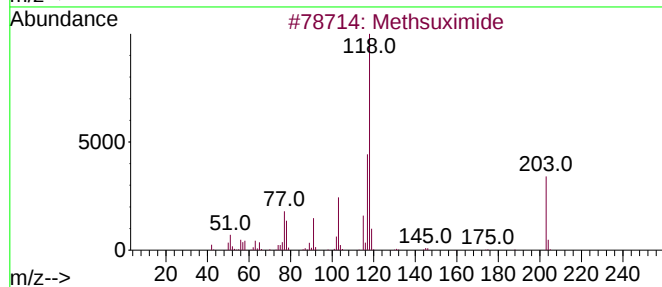
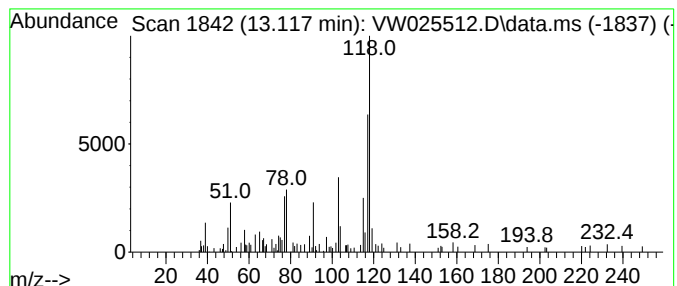
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Methsuximide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	2.19 ug/L	21255	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methsuximide	203	C12H13NO2	000077-41-8	87
2			.alpha.-Methylstyrene	118	C9H10	000098-83-9	81
3			.alpha.-Methylstyrene	118	C9H10	000098-83-9	81
4			Methsuximide	203	C12H13NO2	000077-41-8	80
5			Methsuximide	203	C12H13NO2	000077-41-8	74



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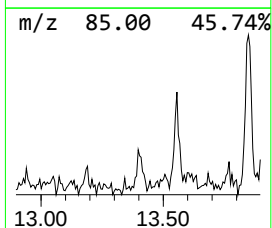
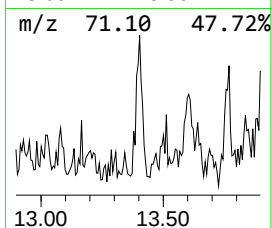
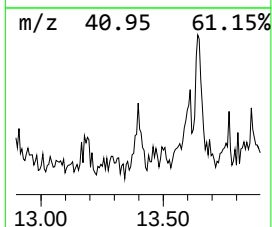
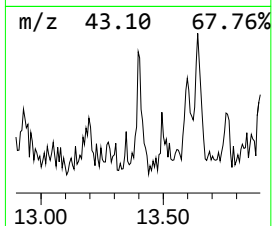
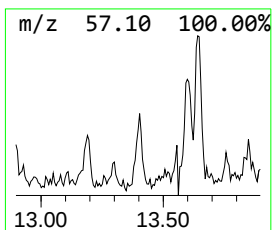
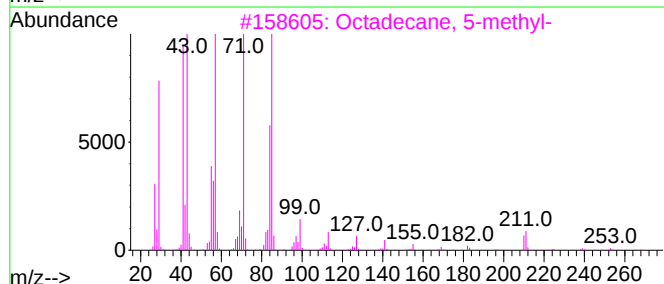
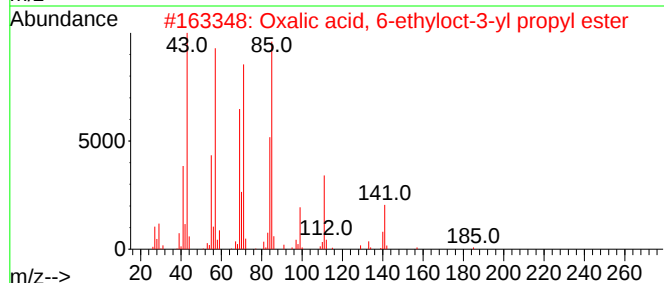
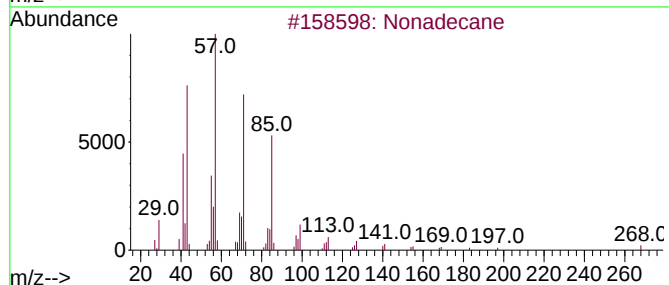
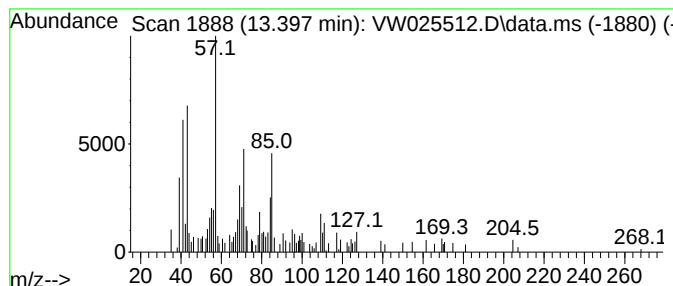
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.397	2.17 ug/L	21104	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	60
2			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	53
3			Octadecane, 5-methyl-	268	C19H40	025117-35-5	53
4			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	53
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025512.D
Acq On : 30 Mar 2023 18:59
Operator : SY/MD
Sample : 02130-14
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A3

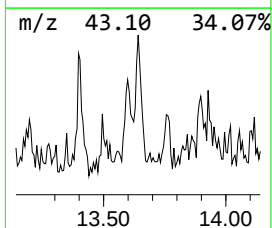
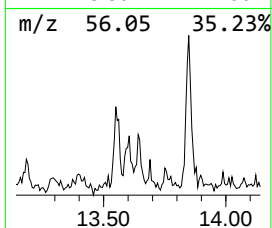
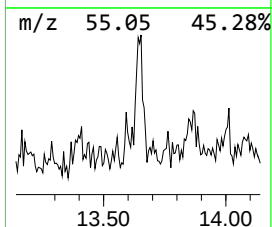
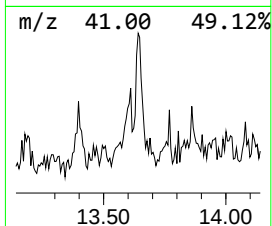
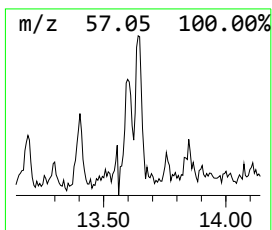
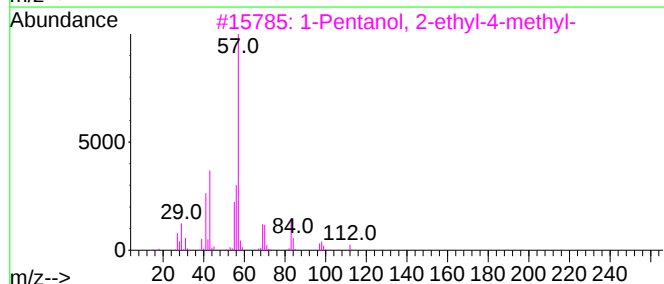
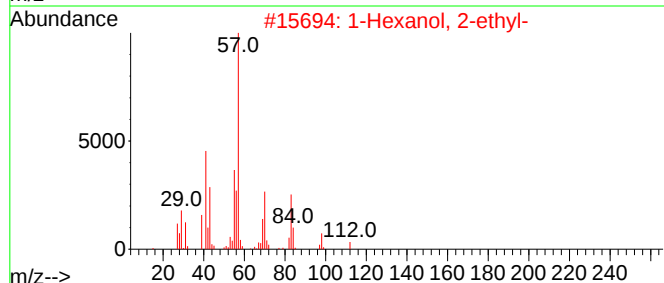
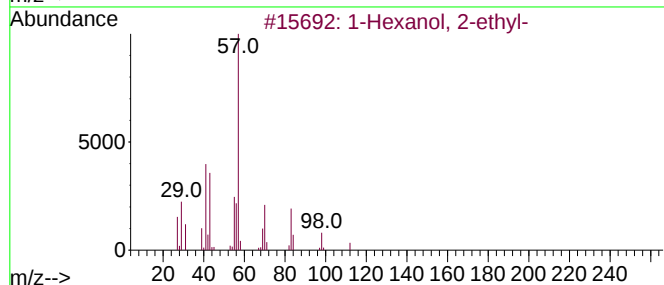
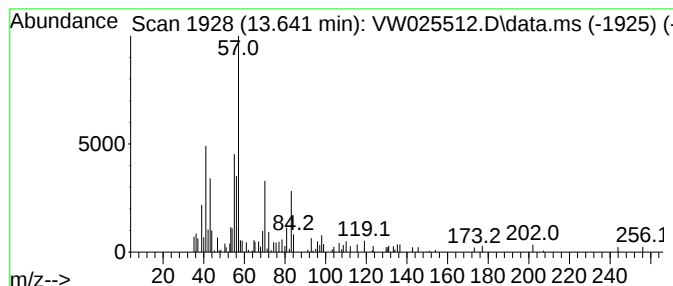
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	1.99 ug/L	19324	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	43
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
5			Pentadecafluorooctanoic acid, oc...	526	C16H17F15O2	1000406-03-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025512.D
Acq On : 30 Mar 2023 18:59
Operator : SY/MD
Sample : 02130-14
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A3

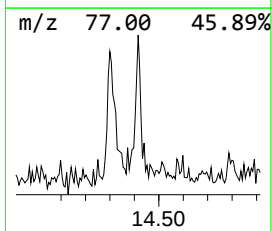
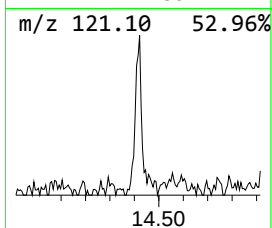
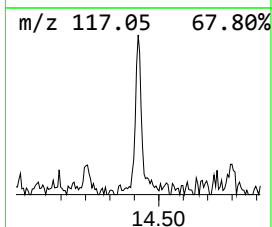
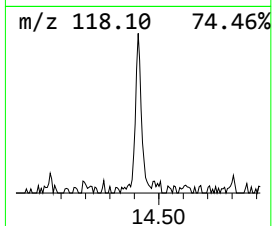
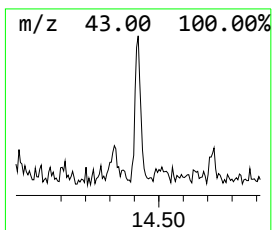
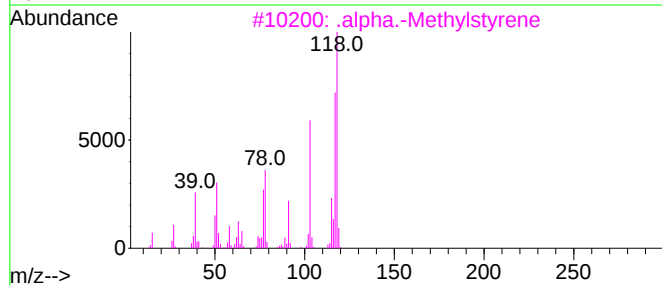
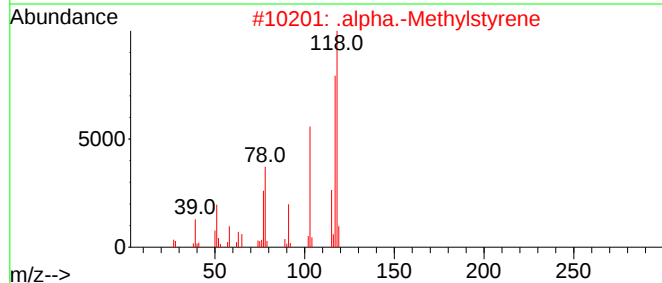
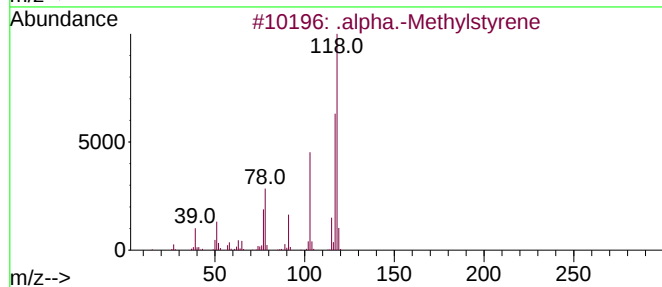
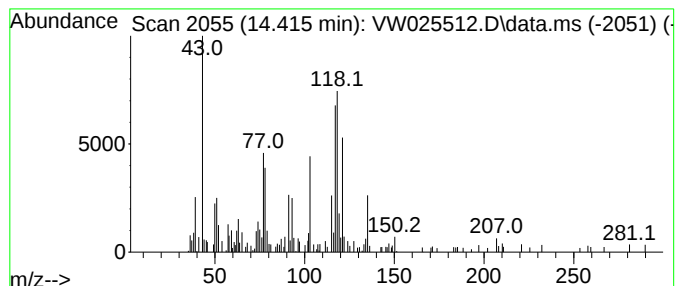
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Quant Title : SFAM01.0

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

Peak Number 9 .alpha.-Methylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	3.93 ug/L	38152	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Methylstyrene	118	C9H10	000098-83-9	58
2			.alpha.-Methylstyrene	118	C9H10	000098-83-9	58
3			.alpha.-Methylstyrene	118	C9H10	000098-83-9	53
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
5			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025512.D
Acq On : 30 Mar 2023 18:59
Operator : SY/MD
Sample : 02130-14
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A3

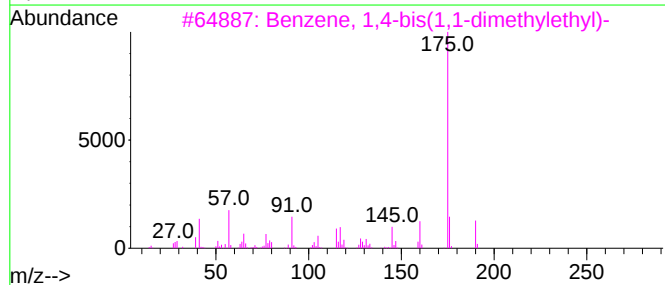
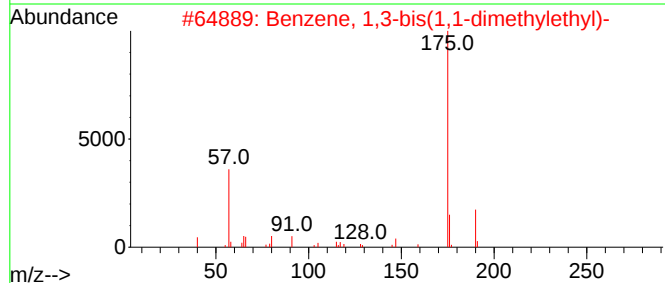
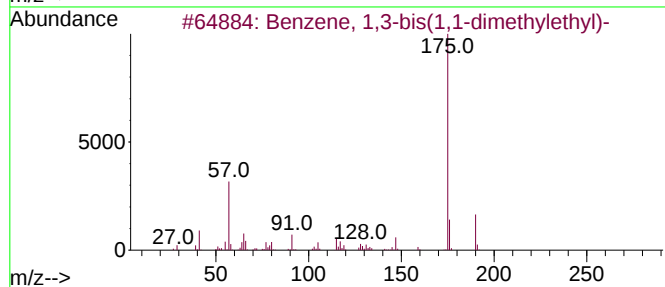
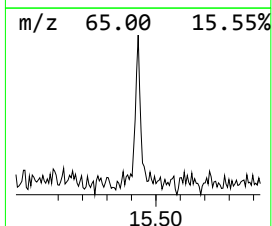
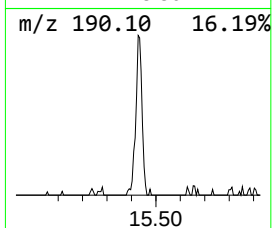
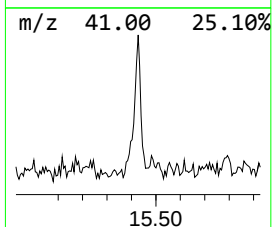
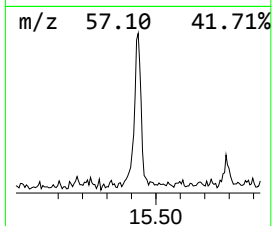
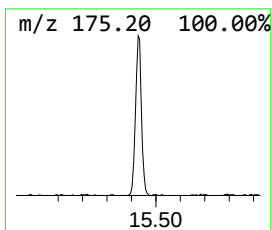
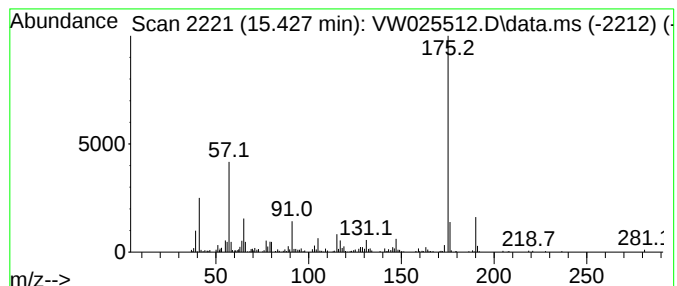
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	12.48 ug/L	121207	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	96
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83
4			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	81
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
Data File : VW025512.D
Acq On : 30 Mar 2023 18:59
Operator : SY/MD
Sample : 02130-14
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11A3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.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
(DEL) Alkane: S...	3.033	1.5	ug/L	82742	1	8.843	1355260	25.0
Methsuximide	13.117	2.2	ug/L	21255	3	13.556	242867	25.0
(DEL) Alkane: S...	13.397	2.2	ug/L	21104	3	13.556	242867	25.0
unknown-01	13.641	2.0	ug/L	19324	3	13.556	242867	25.0
.alpha.-Methyls...	14.415	3.9	ug/L	38152	3	13.556	242867	25.0
Benzene, 1,3-bi...	15.427	12.5	ug/L	121207	3	13.556	242867	25.0
unknown-02	15.476	3.6	ug/L	34677	3	13.556	242867	25.0