

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
 Data File : VW028703.D
 Acq On : 23 May 2024 13:30
 Operator : SY/MD
 Sample : VIBLK448
 Misc : 5.00g/10mL/MSVOA_W/SOIL/C
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK448

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\SFAMWLM050224SMA.M
 Title : SFAM01.0

Signal : TIC: VW028703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.491	96	99	100	rBV2	1264	1090	3.86%	0.476%
2	2.582	112	114	118	rBV5	566	646	2.29%	0.282%
3	2.668	126	128	130	rVB2	833	704	2.49%	0.308%
4	2.716	134	136	139	rVV4	893	601	2.13%	0.263%
5	2.747	139	141	146	rVB3	1007	1375	4.87%	0.601%
6	2.789	146	148	153	rVB3	679	813	2.88%	0.355%
7	2.838	153	156	159	rBV5	742	1188	4.20%	0.519%
8	3.216	214	218	220	rBV4	681	952	3.37%	0.416%
9	3.320	233	235	238	rVB3	788	665	2.35%	0.291%
10	3.363	238	242	244	rBV3	512	645	2.28%	0.282%
11	3.424	251	252	256	rBV3	503	721	2.55%	0.315%
12	3.619	283	284	287	rBV2	737	621	2.20%	0.271%
13	3.673	291	293	296	rBV3	492	596	2.11%	0.261%
14	4.033	346	352	364	rVB6	4140	12547	44.40%	5.485%
15	4.234	381	385	387	rBV5	703	833	2.95%	0.364%
16	4.600	442	445	448	rBV4	657	814	2.88%	0.356%
17	4.710	461	463	466	rVV3	642	672	2.38%	0.294%
18	4.844	482	485	487	rBV4	779	683	2.42%	0.299%
19	4.929	492	499	501	rBV8	1800	4059	14.36%	1.774%
20	5.027	513	515	522	rVB4	690	1233	4.36%	0.539%
21	5.399	575	576	579	rVB3	718	565	2.00%	0.247%
22	5.478	587	589	591	rBV3	683	699	2.47%	0.306%
23	5.630	611	614	615	rVB3	851	665	2.35%	0.291%
24	5.667	619	620	622	rBV	965	619	2.19%	0.271%
25	5.826	644	646	650	rVB4	608	502	1.78%	0.219%
26	5.899	653	658	659	rBV4	741	983	3.48%	0.430%
27	6.045	679	682	683	rBV2	711	830	2.94%	0.363%
28	6.100	688	691	693	rVB4	589	557	1.97%	0.243%
29	6.210	707	709	713	rVB4	912	987	3.49%	0.431%
30	6.264	716	718	720	rBV	525	501	1.77%	0.219%
31	6.423	739	744	745	rBV3	515	625	2.21%	0.273%
32	6.527	759	761	765	rVB	490	588	2.08%	0.257%
33	6.850	811	814	816	rVB3	723	732	2.59%	0.320%
34	7.118	852	858	861	rBV5	1454	3193	11.30%	1.396%
35	7.313	888	890	893	rVB3	659	552	1.95%	0.241%
36	7.453	911	913	916	rBV3	507	481	1.70%	0.210%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Title : SFAM01.0

37	7.654	938	946	955	rVB2	5341	14638	51.79%	6.399%
38	7.734	955	959	960	rBV4	483	560	1.98%	0.245%
39	7.868	978	981	983	rBV2	742	871	3.08%	0.381%
40	7.984	998	1000	1004	rBV5	579	626	2.21%	0.274%
41	8.093	1015	1018	1021	rBV3	555	729	2.58%	0.319%
42	8.124	1021	1023	1025	rVB3	675	640	2.26%	0.280%
43	8.282	1043	1049	1063	rVB4	8803	28262	100.00%	12.354%
44	8.563	1093	1095	1098	rVB3	579	519	1.84%	0.227%
45	8.599	1100	1101	1106	rVB2	652	902	3.19%	0.394%
46	8.715	1118	1120	1123	rBV2	422	499	1.77%	0.218%
47	8.746	1123	1125	1129	rVB3	546	607	2.15%	0.265%
48	8.776	1129	1130	1133	rBV2	707	588	2.08%	0.257%
49	8.843	1134	1141	1148	rBV2	8254	17804	63.00%	7.782%
50	9.276	1205	1212	1221	rVB3	6921	16386	57.98%	7.163%
51	9.343	1221	1223	1225	rBV3	870	834	2.95%	0.365%
52	9.672	1275	1277	1280	rBV2	1003	741	2.62%	0.324%
53	9.703	1280	1282	1286	rVB4	520	510	1.80%	0.223%
54	10.032	1334	1336	1338	rBV3	1685	1648	5.83%	0.720%
55	10.172	1356	1359	1360	rBV2	628	617	2.18%	0.270%
56	10.245	1367	1371	1372	rBV3	417	541	1.91%	0.236%
57	10.258	1372	1373	1378	rVV3	711	683	2.42%	0.299%
58	10.325	1378	1384	1392	rVV	9696	19395	68.63%	8.478%
59	10.672	1439	1441	1443	rBV2	573	677	2.40%	0.296%
60	10.928	1479	1483	1484	rBV3	687	790	2.80%	0.345%
61	11.379	1554	1557	1559	rBV4	584	601	2.13%	0.263%
62	11.489	1572	1575	1577	rBV2	709	882	3.12%	0.386%
63	11.629	1592	1598	1604	rBV	8727	16830	59.55%	7.357%
64	11.733	1612	1615	1617	rBV4	450	760	2.69%	0.332%
65	11.849	1631	1634	1637	rVB5	658	746	2.64%	0.326%
66	11.892	1637	1641	1643	rBV3	612	776	2.75%	0.339%
67	12.001	1657	1659	1662	rVB3	563	740	2.62%	0.323%
68	12.044	1664	1666	1668	rBV2	813	625	2.21%	0.273%
69	12.105	1675	1676	1679	rBV2	400	539	1.91%	0.236%
70	12.148	1682	1683	1687	rBV3	545	790	2.80%	0.345%
71	12.282	1702	1705	1707	rVB3	562	693	2.45%	0.303%
72	12.318	1707	1711	1715	rBV4	408	803	2.84%	0.351%
73	12.391	1719	1723	1724	rBV3	435	530	1.88%	0.232%
74	12.440	1729	1731	1734	rBV2	1184	1011	3.58%	0.442%
75	12.477	1734	1737	1738	rVB4	526	480	1.70%	0.210%
76	12.660	1765	1767	1768	rBV2	614	483	1.71%	0.211%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

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Sampling : 1

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 Title : SFAM01.0

77	12.690	1768	1772	1780	rVV3	4424	7677	27.16%	3.356%
78	12.818	1790	1793	1797	rVB4	875	1219	4.31%	0.533%
79	12.855	1797	1799	1801	rBV2	634	799	2.83%	0.349%
80	12.995	1821	1822	1825	rBV3	447	490	1.73%	0.214%
81	13.147	1844	1847	1852	rBV4	900	1566	5.54%	0.685%
82	13.208	1854	1857	1859	rBV3	592	675	2.39%	0.295%
83	13.294	1867	1871	1875	rVB5	457	923	3.27%	0.403%
84	13.440	1892	1895	1898	rBV3	764	749	2.65%	0.327%
85	13.556	1908	1914	1921	rBV2	6023	11887	42.06%	5.196%
86	13.855	1957	1963	1972	rVB3	5349	10815	38.27%	4.727%
87	13.922	1972	1974	1978	rBV4	586	1005	3.56%	0.439%
88	13.983	1982	1984	1986	rBV3	535	501	1.77%	0.219%
89	14.044	1992	1994	1995	rBV2	521	526	1.86%	0.230%
90	14.239	2023	2026	2028	rBV3	832	1038	3.67%	0.454%
91	14.452	2059	2061	2064	rVV3	496	628	2.22%	0.275%
92	14.525	2071	2073	2076	rVB3	751	625	2.21%	0.273%
93	14.806	2116	2119	2120	rBV3	500	561	1.98%	0.245%
94	14.909	2135	2136	2138	rBV	802	670	2.37%	0.293%
95	15.208	2182	2185	2186	rBV3	793	738	2.61%	0.323%
96	15.281	2196	2197	2200	rBV2	754	701	2.48%	0.306%
97	15.549	2239	2241	2245	rVB3	818	771	2.73%	0.337%
98	15.665	2259	2260	2262	rBV2	854	742	2.63%	0.324%
99	15.793	2279	2281	2282	rBV2	987	966	3.42%	0.422%
100	16.696	2427	2429	2432	rBV4	759	606	2.14%	0.265%

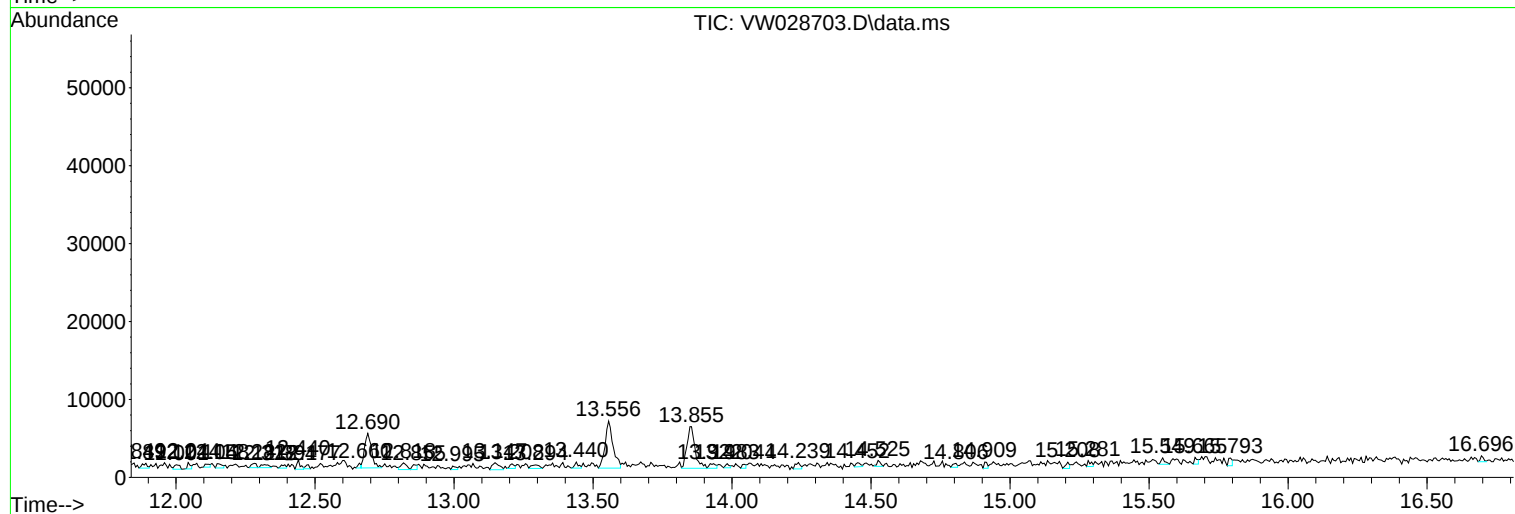
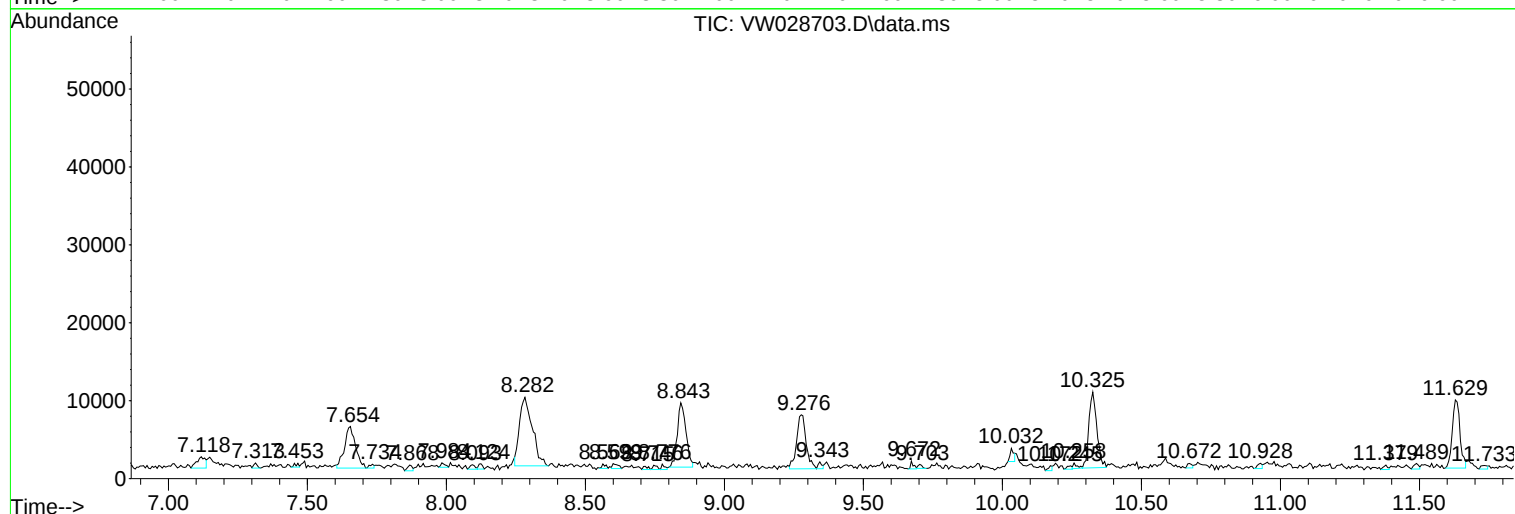
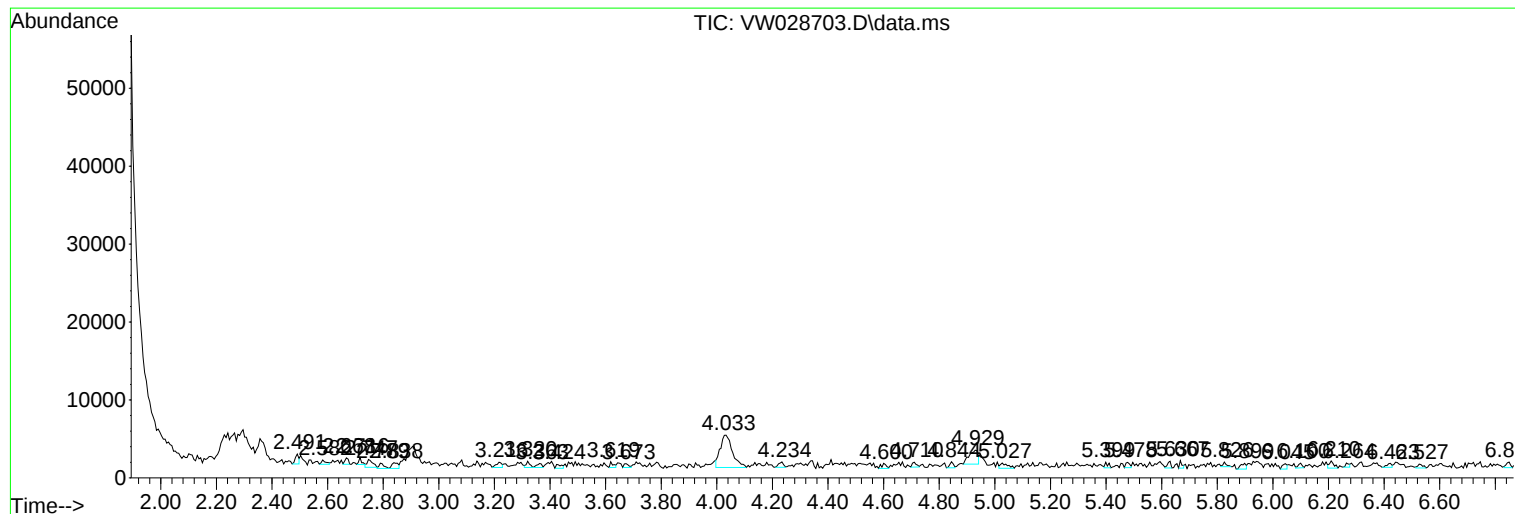
Sum of corrected areas: 228771

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Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK448

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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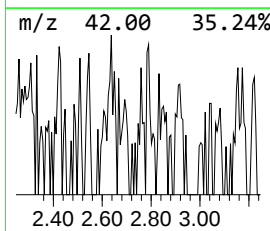
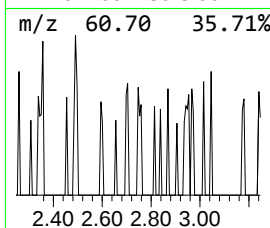
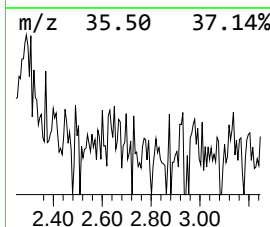
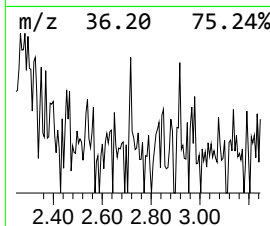
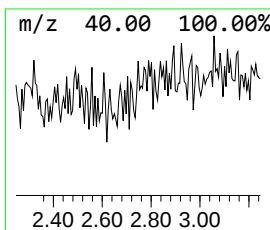
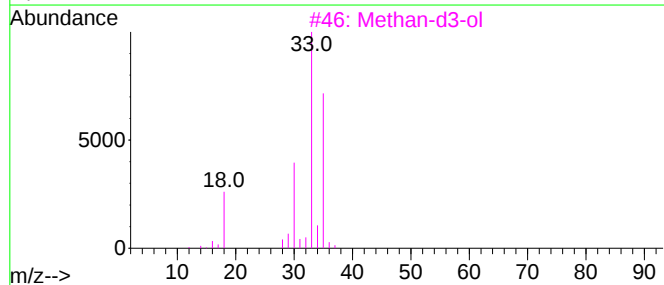
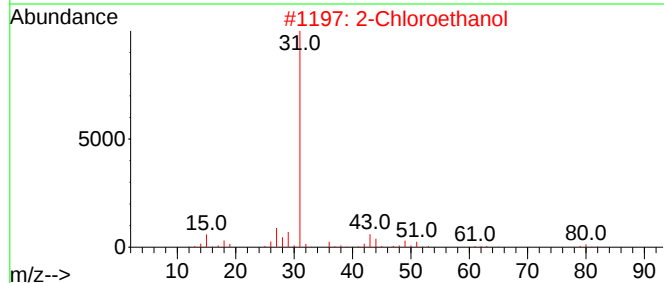
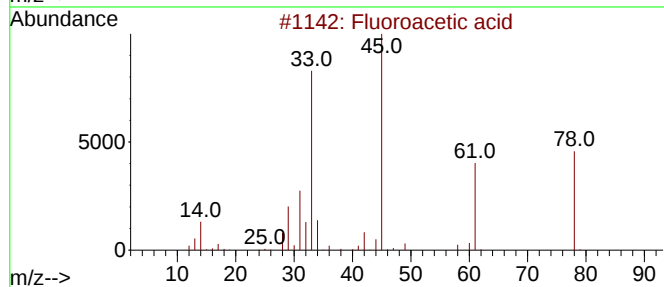
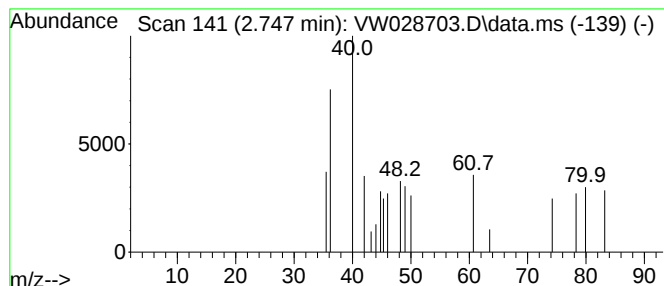
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.747	1.93 ug/L	1375	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoroacetic acid	78	C2H3FO2	000144-49-0	4
2			2-Chloroethanol	80	C2H5ClO	000107-07-3	4
3			Methan-d3-ol	35	CHD3O	001849-29-2	3
4			Methan-d3-ol	35	CHD3O	001849-29-2	3
5			2-Chloroethanol	80	C2H5ClO	000107-07-3	3



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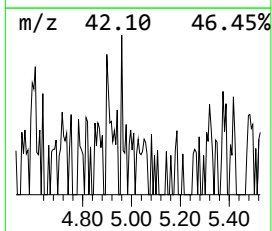
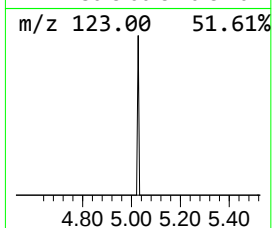
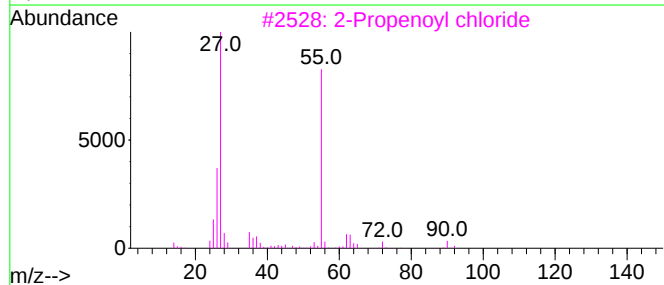
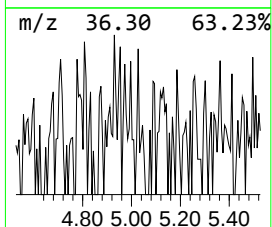
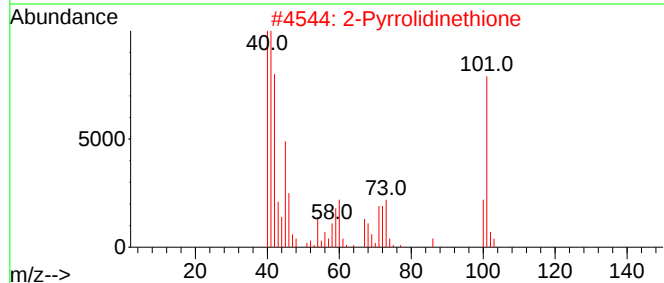
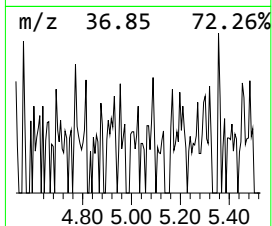
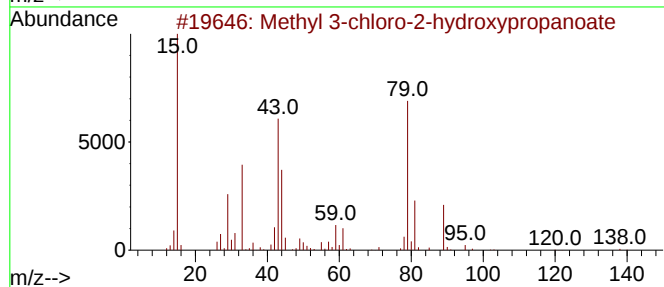
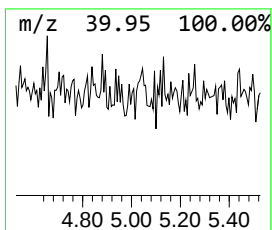
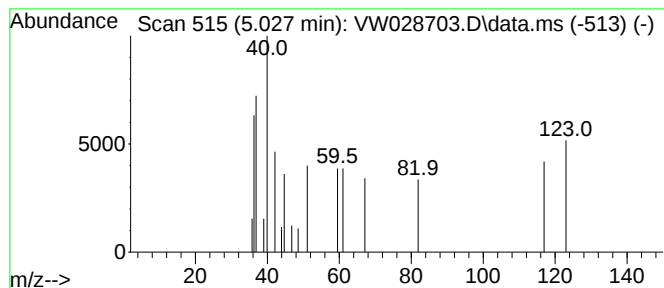
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.027	1.73 ug/L	1233	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 3-chloro-2-hydroxypropanoate	138	C4H7ClO3	1000461-05-2	2
2			2-Pyrrolidinethione	101	C4H7NS	002295-35-4	2
3			2-Propenoyl chloride	90	C3H3ClO	000814-68-6	2
4			2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	1
5			2-Methyl-1,5-pentanediamine	116	C6H16N2	015520-10-2	1



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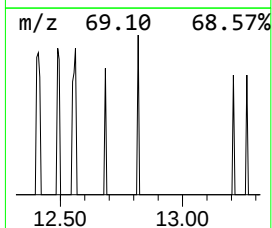
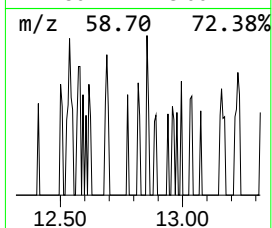
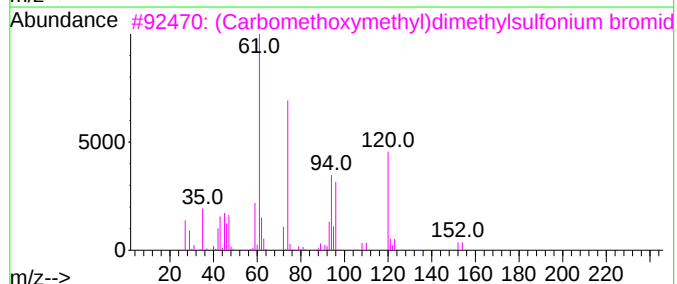
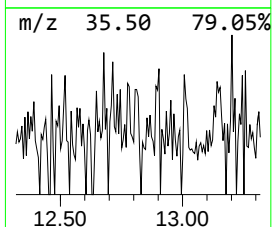
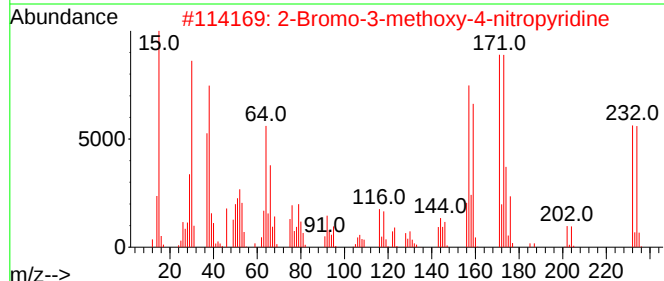
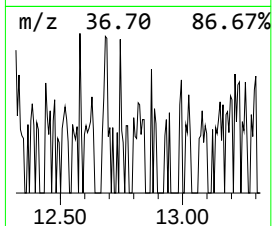
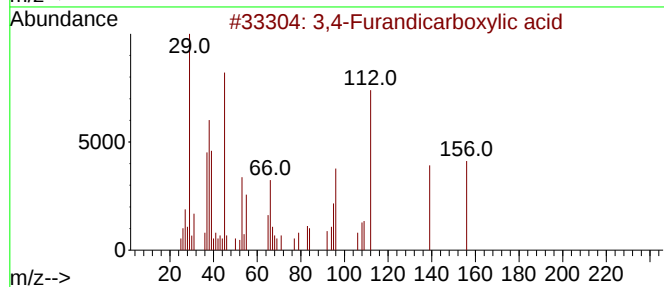
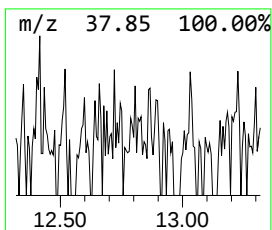
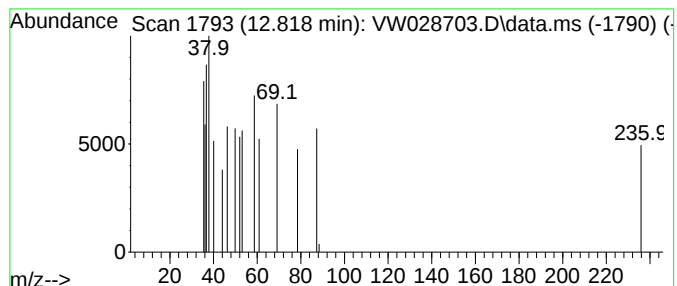
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	2.56 ug/L	1219	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Furandicarboxylic acid	156	C6H4O5	003387-26-6	9
2			2-Bromo-3-methoxy-4-nitropyridine	232	C6H5BrN2O3	1000444-83-2	9
3			(Carbomethoxymethyl)dimethylsulf...	214	C5H11BrO2S	020986-22-5	9
4			3-Nitro-1-nitromethyl-1H-[1,2,4]...	173	C3H3N5O4	1000295-50-4	9
5			Ethanone, 2-azido-1-(4-methyl-3-...	182	C5H6N6O2	1000270-71-4	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028703.D
Acq On : 23 May 2024 13:30
Operator : SY/MD
Sample : VIBLK448
Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK448

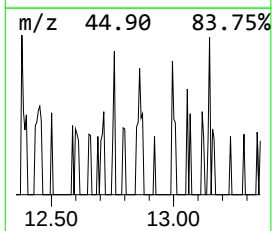
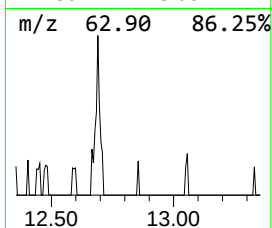
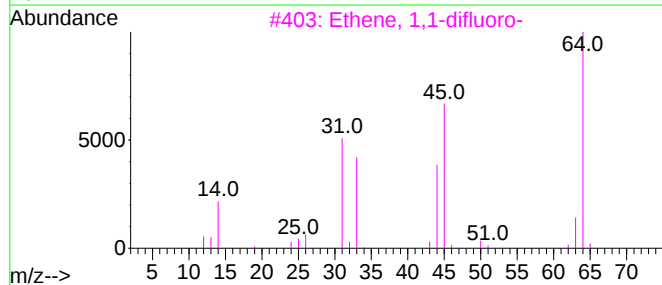
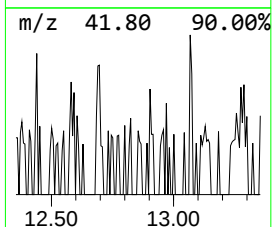
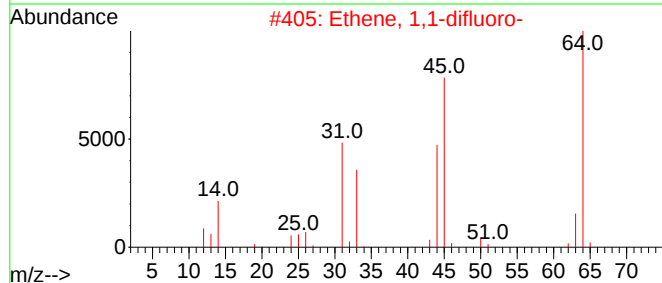
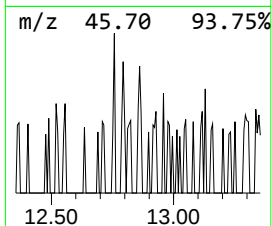
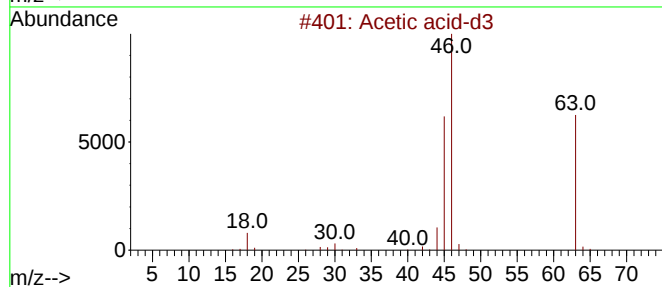
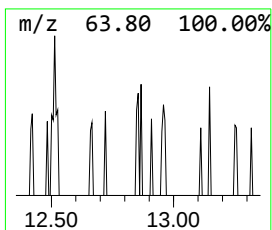
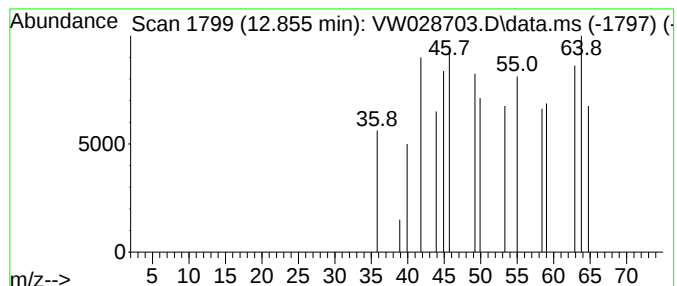
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Quant Title : SFAM01.0

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

Peak Number 5 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	1.68 ug/L	799	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid-d3	63	C2HD3O2	001112-02-3	9
2			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9
3			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
4			Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	3
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028703.D
Acq On : 23 May 2024 13:30
Operator : SY/MD
Sample : VIBLK448
Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK448

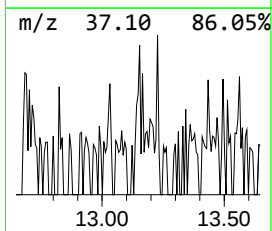
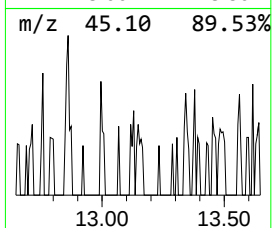
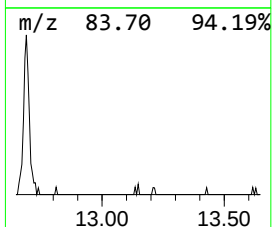
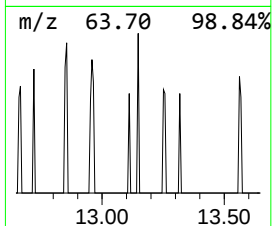
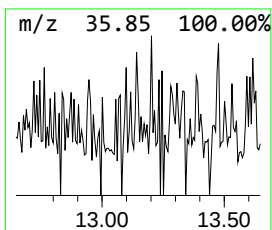
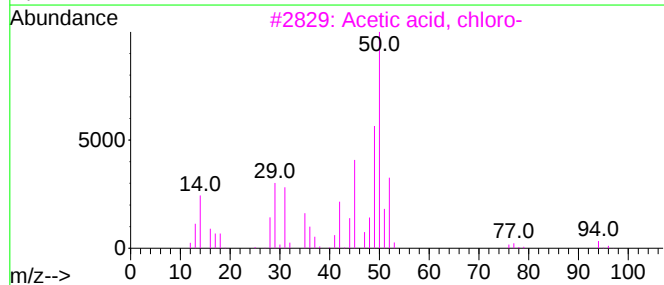
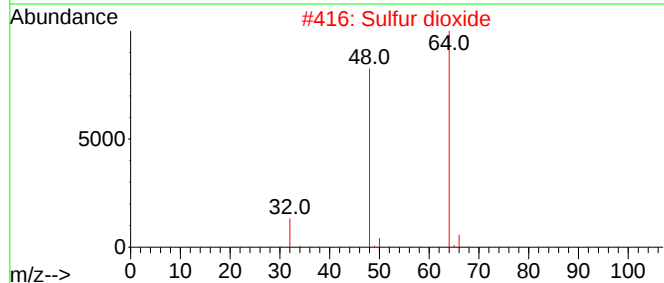
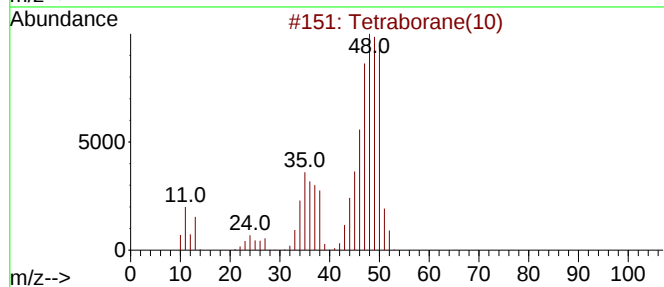
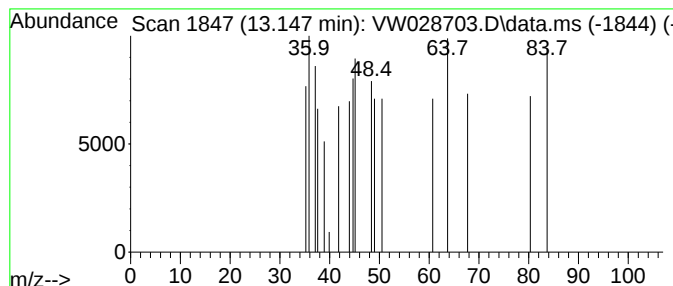
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.147	3.29 ug/L	1566	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetraborane(10)	54	B4H10	018283-93-7	37
2			Sulfur dioxide	64	O2S	007446-09-5	9
3			Acetic acid, chloro-	94	C2H3ClO2	000079-11-8	8
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5			Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028703.D
Acq On : 23 May 2024 13:30
Operator : SY/MD
Sample : VIBLK448
Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

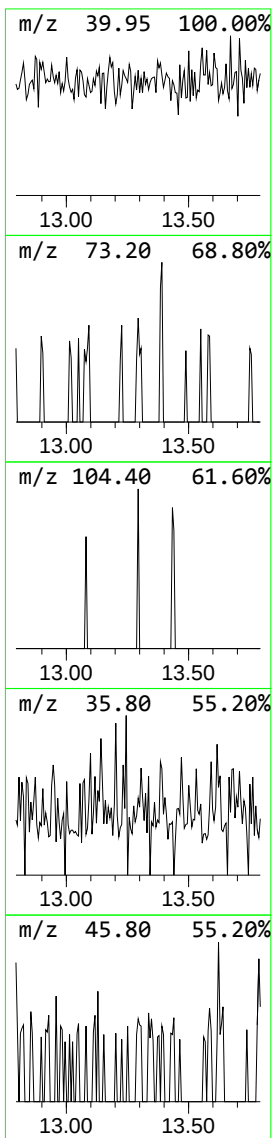
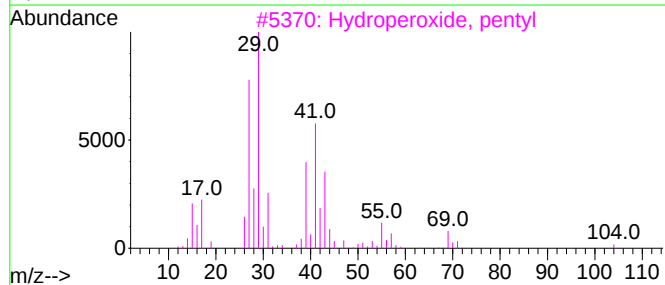
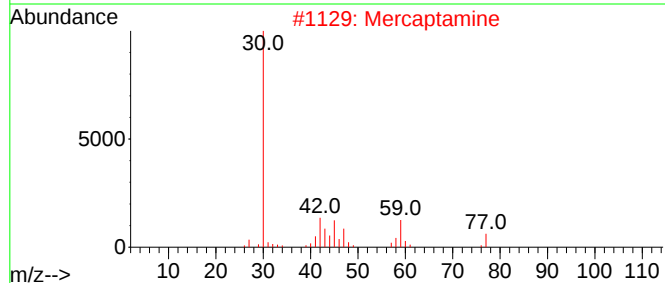
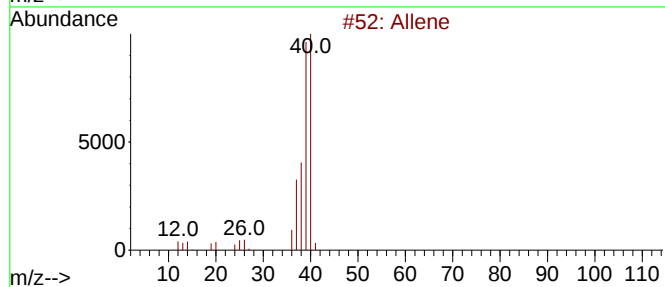
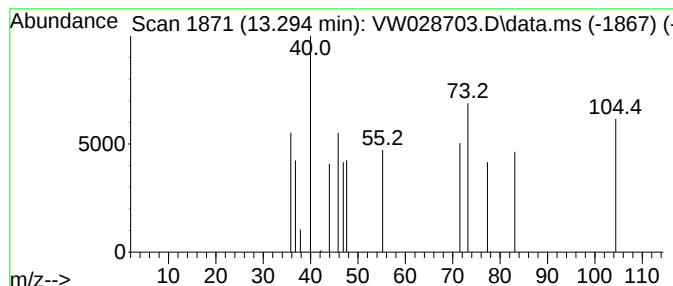
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.294	1.94 ug/L	923	1,4-Dichlorobenzene-d4			13.562
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Allene		40	C3H4	000463-49-0	5
2	Mercaptamine		77	C2H7NS	000060-23-1	5
3	Hydroperoxide, pentyl		104	C5H12O2	000074-80-6	3
4	Acetic acid, hydroxy-, ethyl ester		104	C4H8O3	000623-50-7	3
5	Acetic acid, mercapto-		92	C2H4O2S	000068-11-1	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028703.D
Acq On : 23 May 2024 13:30
Operator : SY/MD
Sample : VIBLK448
Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK448

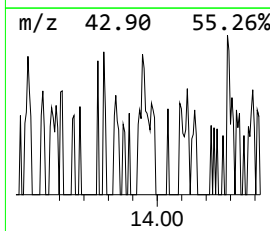
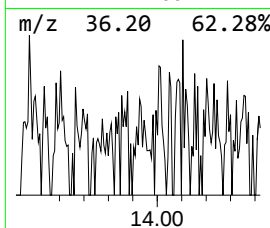
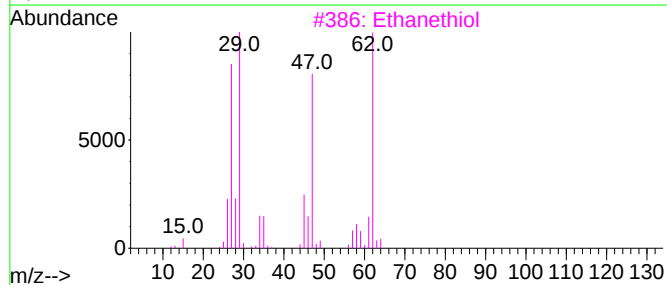
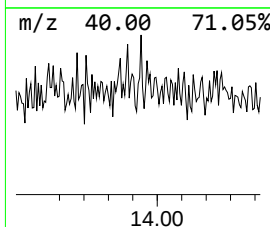
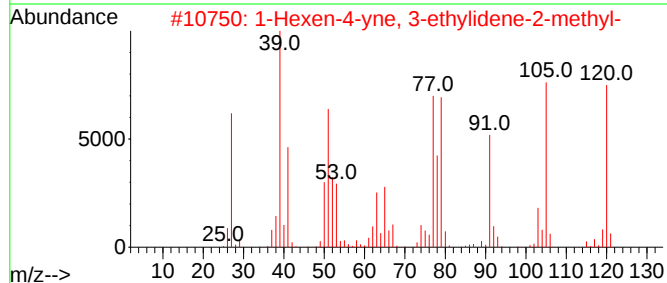
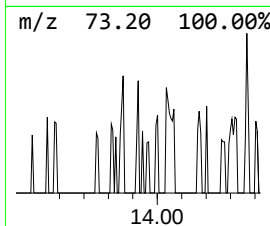
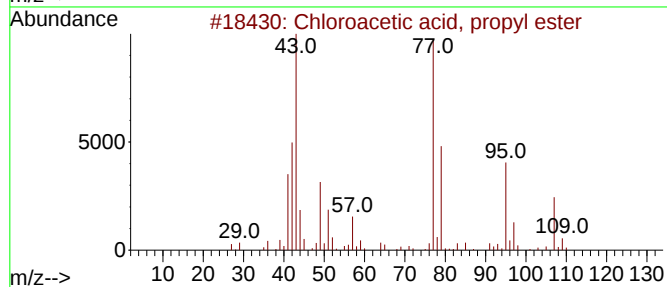
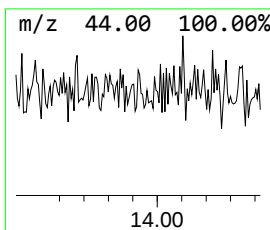
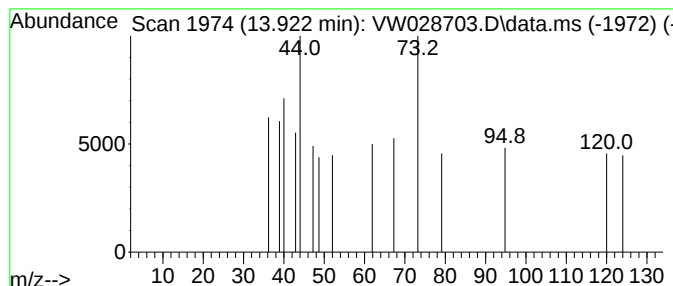
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	2.11 ug/L	1005	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chloroacetic acid, propyl ester	136	C5H9ClO2	005396-24-7	9
2			1-Hexen-4-yne, 3-ethylidene-2-me...	120	C9H12	076003-39-9	9
3			Ethanethiol	62	C2H6S	000075-08-1	7
4			Ethanethiol	62	C2H6S	000075-08-1	7
5			4-Nonyne	124	C9H16	020184-91-2	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028703.D
Acq On : 23 May 2024 13:30
Operator : SY/MD
Sample : VIBLK448
Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK448

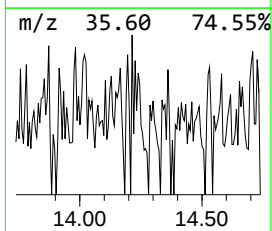
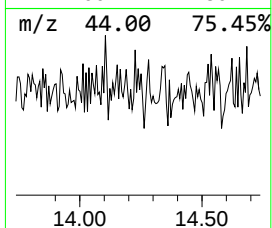
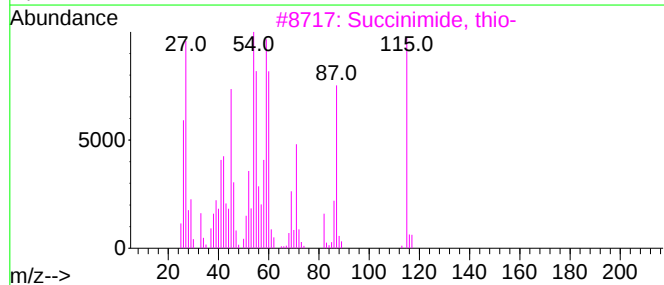
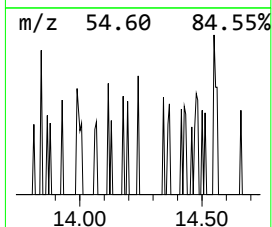
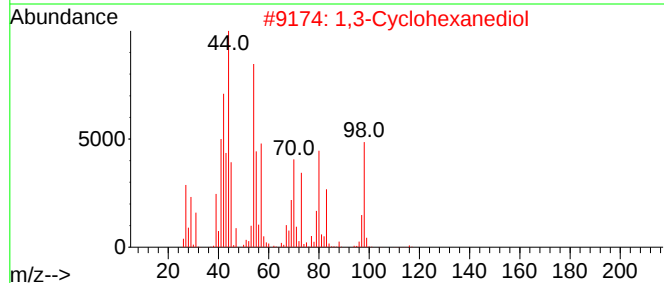
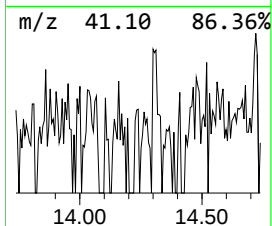
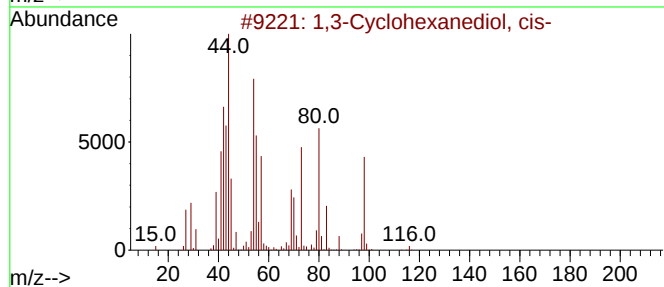
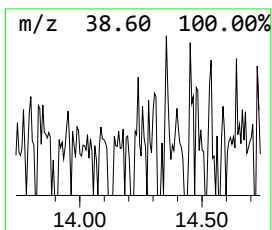
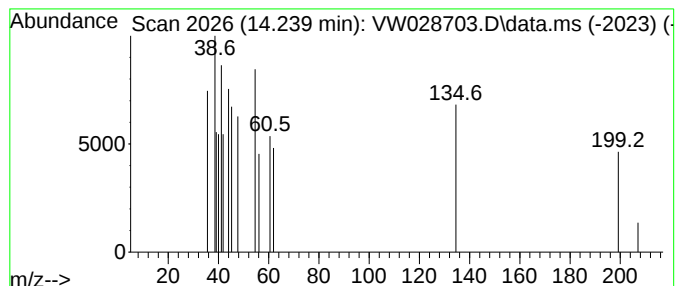
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	2.18 ug/L	1038	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclohexanediol, cis-	116	C6H12O2	000823-18-7	9
2			1,3-Cyclohexanediol	116	C6H12O2	000504-01-8	9
3			Succinimide, thio-	115	C4H5NO5	004166-00-1	9
4			Cycloheptano[d]imidazolidine, 1,...	186	C9H18N2O2	306947-39-7	9
5			2,2'-Thiodisuccinic acid	266	C8H10O8S	004917-76-4	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028703.D
Acq On : 23 May 2024 13:30
Operator : SY/MD
Sample : VIBLK448
Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK448

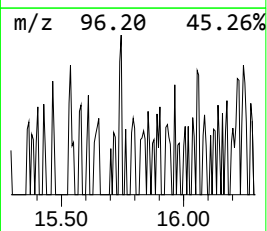
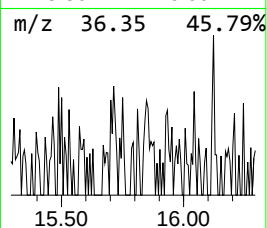
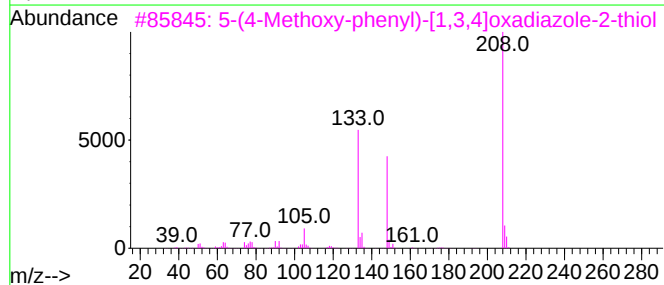
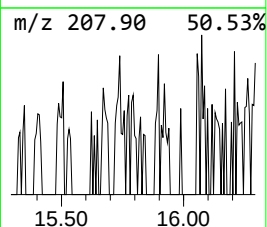
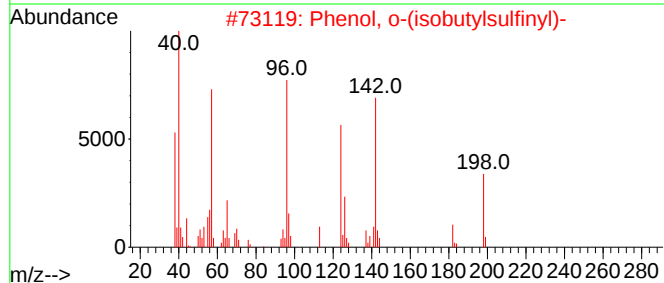
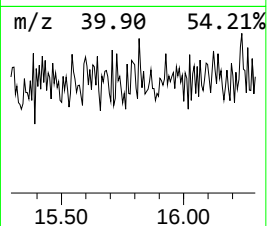
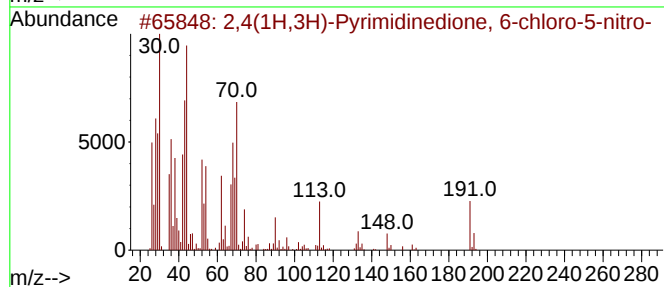
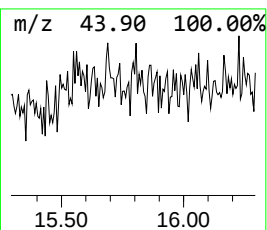
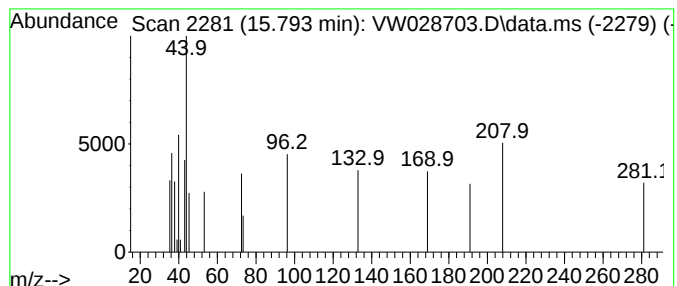
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-09 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.793	2.03 ug/L	966	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(1H,3H)-Pyrimidinedione, 6-ch...	191	C4H2ClN3O4	006630-30-4	38		
2	Phenol, o-(isobutylsulfinyl)-	198	C10H14O2S	029634-45-5	9		
3	5-(4-Methoxy-phenyl)-[1,3,4]oxad...	208	C9H8N2O5	023766-26-9	5		
4	Ethanediamide, N(1)-(1,3-benzodi...	208	C9H8N2O4	1000351-43-9	5		
5	Allene	40	C3H4	000463-49-0	5		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028703.D
Acq On : 23 May 2024 13:30
Operator : SY/MD
Sample : VIBLK448
Misc : 5.00g/10mL/MSVOA_W/SOIL/C
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK448

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.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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unknown-02	5.027	1.7	ug/L	1233	1	8.843	17804	25.0
unknown-03	12.818	2.6	ug/L	1219	3	13.562	11887	25.0
unknown-04	12.855	1.7	ug/L	799	3	13.562	11887	25.0
unknown-05	13.147	3.3	ug/L	1566	3	13.562	11887	25.0
unknown-06	13.294	1.9	ug/L	923	3	13.562	11887	25.0
unknown-07	13.922	2.1	ug/L	1005	3	13.562	11887	25.0
unknown-08	14.239	2.2	ug/L	1038	3	13.562	11887	25.0
unknown-09	15.793	2.0	ug/L	966	3	13.562	11887	25.0