

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031134.D
 Acq On : 04 Dec 2024 18:57
 Operator : SY/MD
 Sample : P5066-04
 Misc : 3.59g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28M3

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\SFAMWLM120424SMA.M
 Title : SFAM01.0

Signal : TIC: VW031134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	36	42	46	rBV	30039	52081	3.29%	0.575%
2	2.363	71	78	91	rBV2	130709	311004	19.64%	3.435%
3	2.899	158	166	182	rBV	86595	256353	16.19%	2.831%
4	3.027	184	187	196	rVB4	8057	17374	1.10%	0.192%
5	3.253	222	224	227	rVB3	664	714	0.05%	0.008%
6	3.295	229	231	236	rVB3	954	928	0.06%	0.010%
7	3.393	240	247	255	rVB3	8161	19642	1.24%	0.217%
8	3.625	282	285	287	rVV4	693	713	0.05%	0.008%
9	4.021	336	350	366	rBV	224177	640561	40.45%	7.074%
10	4.338	401	402	404	rBV	745	753	0.05%	0.008%
11	4.381	404	409	420	rVB2	2728	8570	0.54%	0.095%
12	4.899	489	494	495	rBV2	1036	1296	0.08%	0.014%
13	5.094	524	526	528	rBV3	599	694	0.04%	0.008%
14	5.130	530	532	534	rVB2	738	664	0.04%	0.007%
15	5.271	553	555	559	rBV3	577	736	0.05%	0.008%
16	5.325	559	564	571	rVB6	1003	2165	0.14%	0.024%
17	5.429	576	581	582	rBV2	1004	1429	0.09%	0.016%
18	5.929	656	663	664	rBV3	2178	3002	0.19%	0.033%
19	6.490	751	755	759	rBV4	653	983	0.06%	0.011%
20	6.551	763	765	768	rVB2	1099	1076	0.07%	0.012%
21	6.594	768	772	774	rBV3	697	924	0.06%	0.010%
22	6.959	826	832	833	rBV4	1008	1535	0.10%	0.017%
23	6.978	833	835	836	rBV2	636	678	0.04%	0.007%
24	7.075	843	851	868	rBV	29158	96617	6.10%	1.067%
25	7.526	924	925	930	rBV3	663	1102	0.07%	0.012%
26	7.648	933	945	958	rBV	317472	765681	48.36%	8.456%
27	7.764	962	964	967	rVB4	876	1044	0.07%	0.012%
28	7.856	976	979	980	rBV2	698	659	0.04%	0.007%
29	7.959	991	996	1001	rVB5	1773	3560	0.22%	0.039%
30	8.038	1006	1009	1013	rVB6	600	857	0.05%	0.009%
31	8.160	1025	1029	1033	rVB4	1113	1476	0.09%	0.016%
32	8.270	1037	1047	1067	rBV2	548418	1583414	100.00%	17.486%
33	8.563	1090	1095	1096	rBV3	1266	1449	0.09%	0.016%
34	8.703	1115	1118	1121	rVB4	811	1210	0.08%	0.013%
35	8.837	1131	1140	1155	rVV	465138	927164	58.55%	10.239%
36	9.032	1170	1172	1174	rBV3	965	988	0.06%	0.011%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Title : SFAM01.0

37	9.075	1174	1179	1188	rVV8	4384	11541	0.73%	0.127%
38	9.270	1201	1211	1234	rBV	367311	751183	47.44%	8.296%
39	9.441	1237	1239	1241	rVB3	920	736	0.05%	0.008%
40	9.465	1241	1243	1245	rBV2	942	1033	0.07%	0.011%
41	9.520	1249	1252	1258	rVB4	891	1570	0.10%	0.017%
42	9.630	1265	1270	1272	rBV5	746	1002	0.06%	0.011%
43	10.032	1328	1336	1346	rBV	142872	258033	16.30%	2.850%
44	10.319	1374	1383	1391	rBV	552827	991936	62.65%	10.954%
45	10.489	1408	1411	1415	rBV5	911	1447	0.09%	0.016%
46	10.520	1415	1416	1418	rVB2	1091	666	0.04%	0.007%
47	10.575	1418	1425	1435	rBV	75855	133499	8.43%	1.474%
48	10.703	1440	1446	1452	rVB	7396	13828	0.87%	0.153%
49	10.861	1465	1472	1476	rBV	19767	34819	2.20%	0.385%
50	10.922	1476	1482	1492	rVB	98970	171735	10.85%	1.897%
51	11.245	1531	1535	1536	rVB4	677	692	0.04%	0.008%
52	11.300	1540	1544	1546	rBV5	695	885	0.06%	0.010%
53	11.398	1556	1560	1564	rBV5	584	1188	0.08%	0.013%
54	11.440	1564	1567	1569	rVB3	521	675	0.04%	0.007%
55	11.629	1590	1598	1611	rVV	342358	584391	36.91%	6.454%
56	11.727	1611	1614	1618	rVB4	1795	2533	0.16%	0.028%
57	11.837	1626	1632	1637	rBV6	4033	7763	0.49%	0.086%
58	12.141	1675	1682	1683	rBV5	1618	2829	0.18%	0.031%
59	12.160	1683	1685	1692	rVB6	2017	3636	0.23%	0.040%
60	12.251	1692	1700	1703	rBV6	1113	1770	0.11%	0.020%
61	12.349	1711	1716	1717	rBV4	1186	1560	0.10%	0.017%
62	12.379	1720	1721	1728	rVB6	1667	1768	0.11%	0.020%
63	12.507	1740	1742	1744	rBV3	550	654	0.04%	0.007%
64	12.605	1752	1758	1762	rVB2	4760	8101	0.51%	0.089%
65	12.690	1762	1772	1780	rBV	190689	313736	19.81%	3.465%
66	12.800	1788	1790	1792	rVB2	1230	907	0.06%	0.010%
67	12.861	1796	1800	1803	rBV5	2422	3273	0.21%	0.036%
68	12.928	1806	1811	1817	rVB4	7017	14108	0.89%	0.156%
69	13.111	1838	1841	1845	rVB6	1089	1551	0.10%	0.017%
70	13.159	1848	1849	1852	rBV3	977	652	0.04%	0.007%
71	13.245	1857	1863	1872	rBV2	8310	16286	1.03%	0.180%
72	13.489	1900	1903	1908	rVB5	2591	3596	0.23%	0.040%
73	13.556	1908	1914	1924	rBV	87754	156326	9.87%	1.726%
74	13.641	1925	1928	1932	rVB3	6453	9108	0.58%	0.101%
75	13.751	1942	1946	1949	rBV5	2513	3511	0.22%	0.039%
76	13.848	1956	1962	1975	rVB	137316	234103	14.78%	2.585%

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 Title : SFAM01.0

77	13.940	1975	1977	1980	rBV3	1777	2250	0.14%	0.025%
78	14.001	1984	1987	1989	rBV4	1597	2032	0.13%	0.022%
79	14.196	2014	2019	2029	rVB4	3966	10854	0.69%	0.120%
80	14.275	2029	2032	2034	rBV4	1104	1595	0.10%	0.018%
81	14.330	2037	2041	2046	rBV6	2724	5370	0.34%	0.059%
82	14.379	2047	2049	2052	rBV3	1451	1184	0.07%	0.013%
83	14.415	2052	2055	2058	rVV4	3095	4672	0.30%	0.052%
84	14.452	2058	2061	2064	rVB	6411	8482	0.54%	0.094%
85	14.519	2064	2072	2082	rVB9	4916	12491	0.79%	0.138%
86	14.629	2084	2090	2095	rBV9	2555	5476	0.35%	0.060%
87	14.714	2095	2104	2109	rBV4	15441	27095	1.71%	0.299%
88	14.787	2110	2116	2122	rBV3	23019	45294	2.86%	0.500%
89	14.952	2138	2143	2149	rVB6	5970	10936	0.69%	0.121%
90	15.055	2157	2160	2165	rBV6	4581	8510	0.54%	0.094%
91	15.171	2174	2179	2185	rBV8	4852	12717	0.80%	0.140%
92	15.238	2187	2190	2196	rVB7	6121	10174	0.64%	0.112%
93	15.312	2197	2202	2205	rBV3	14004	22821	1.44%	0.252%
94	15.360	2205	2210	2216	rVB	24890	44773	2.83%	0.494%
95	15.458	2222	2226	2234	rBV10	5294	12216	0.77%	0.135%
96	15.543	2235	2240	2249	rVB	51838	87950	5.55%	0.971%
97	15.854	2287	2291	2297	rVB6	7260	12062	0.76%	0.133%
98	16.275	2356	2360	2366	rVB4	9422	16284	1.03%	0.180%
99	16.427	2379	2385	2390	rBV	59493	131145	8.28%	1.448%
100	16.634	2413	2419	2428	rVB2	43345	101041	6.38%	1.116%

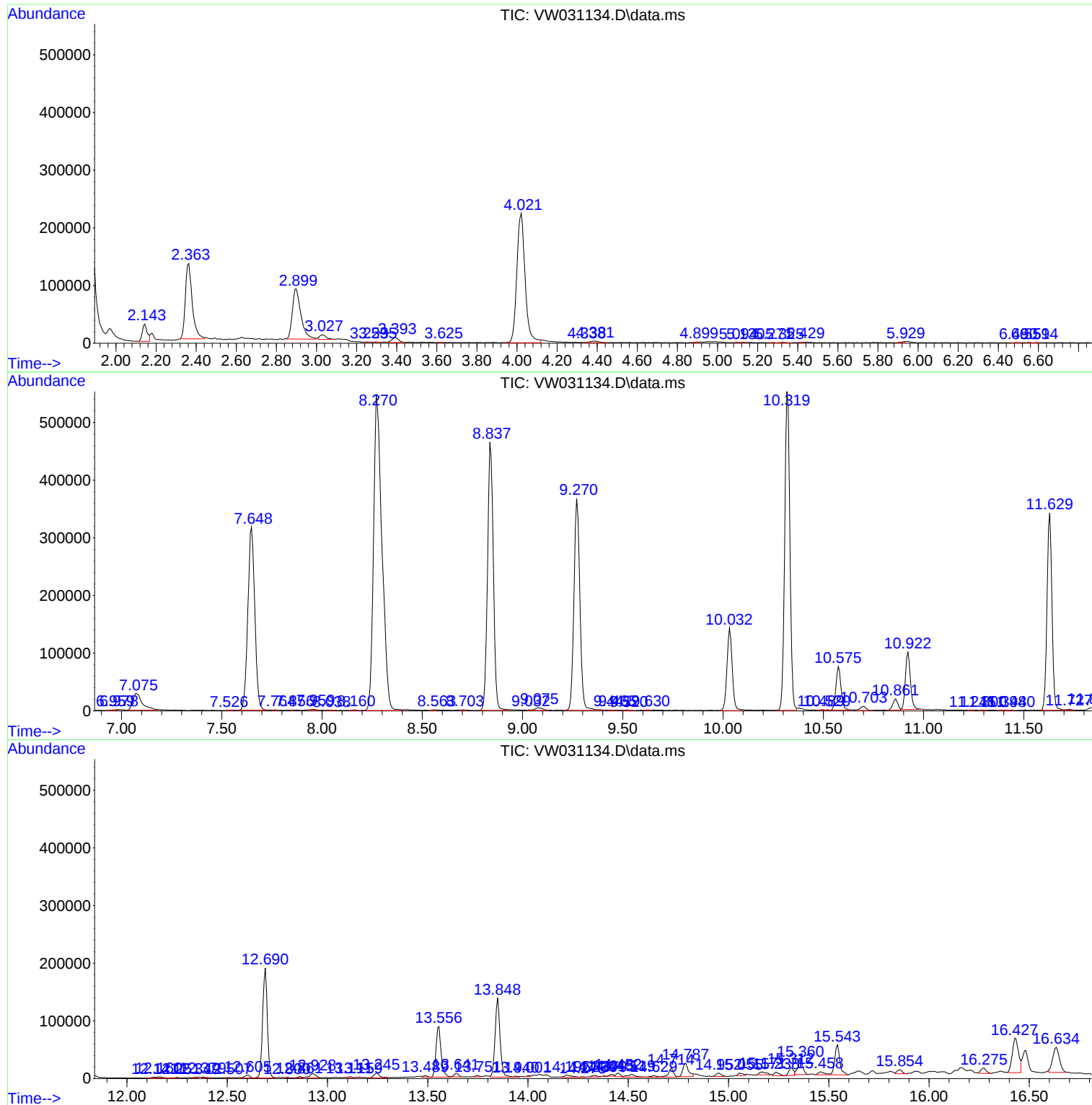
Sum of corrected areas: 9055150

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
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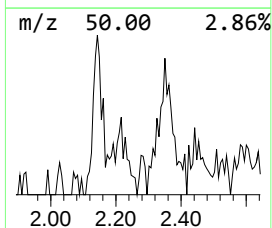
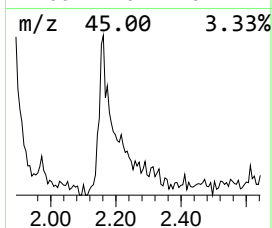
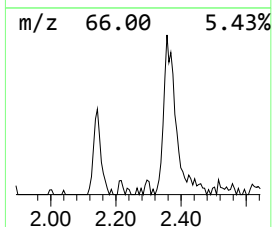
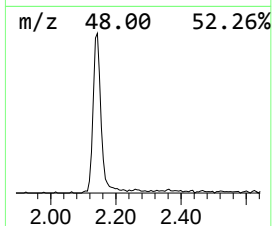
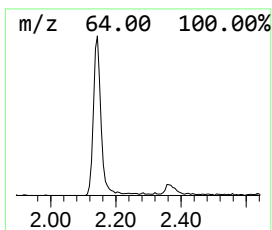
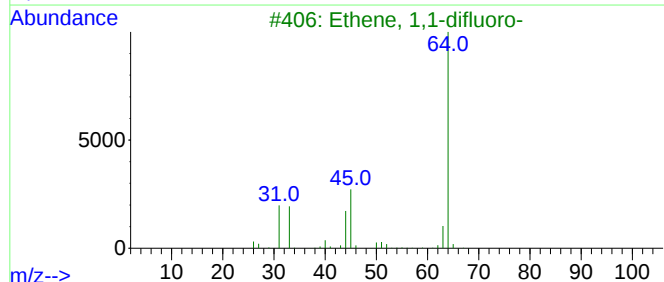
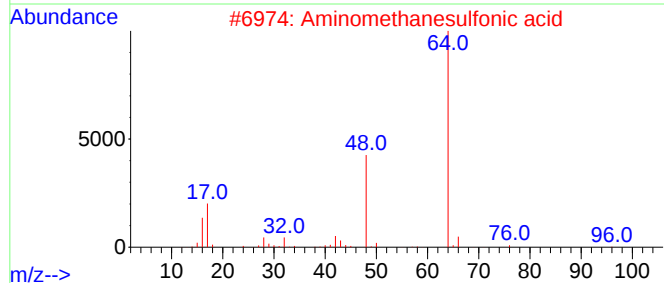
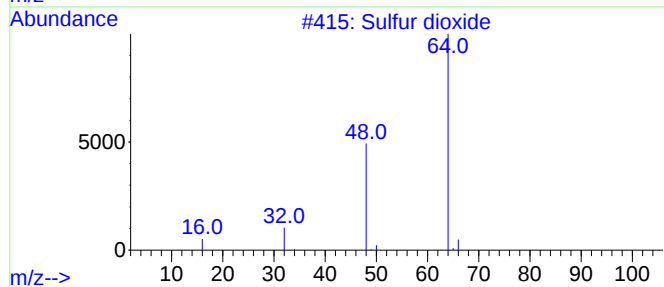
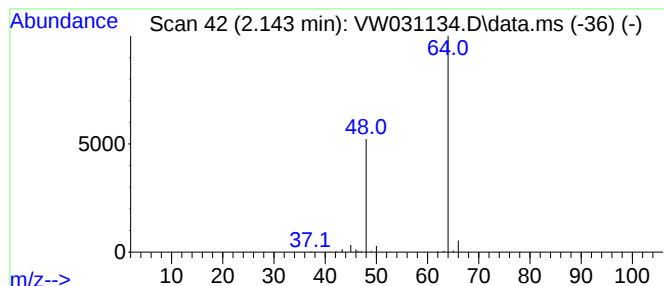
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.143	1.40 ug/L	52081	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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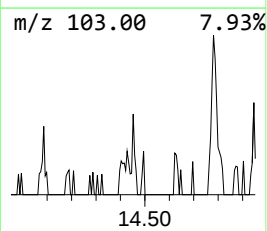
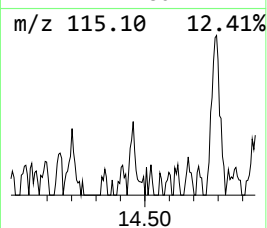
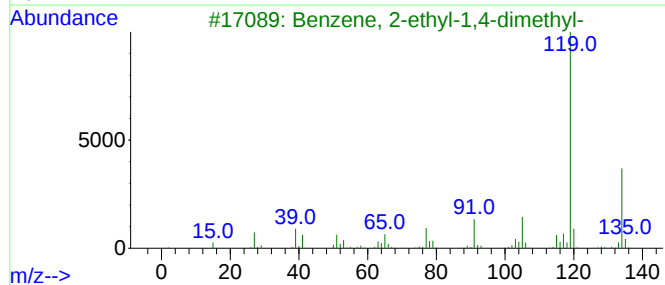
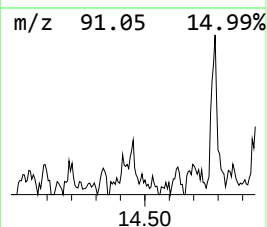
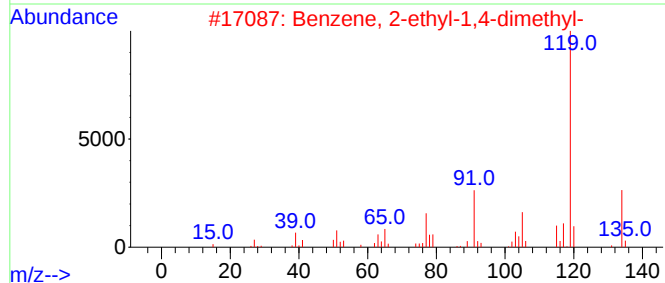
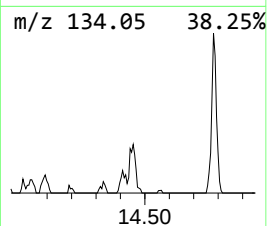
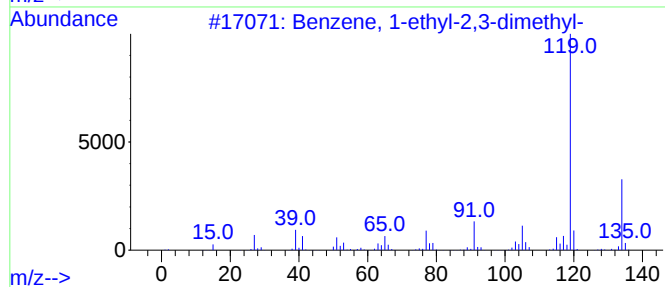
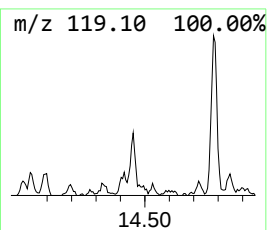
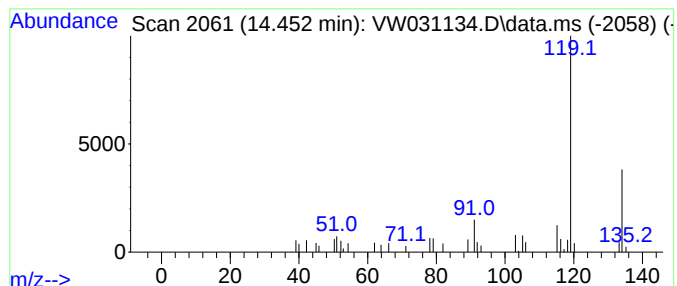
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	1.36 ug/L	8482	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	78
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78



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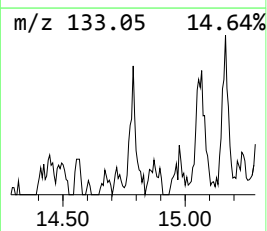
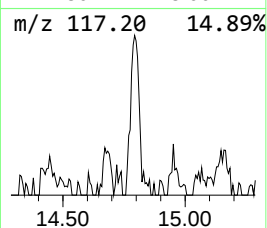
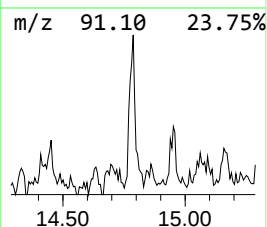
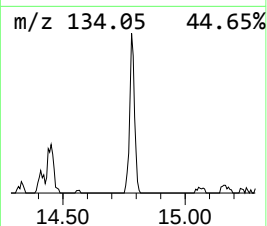
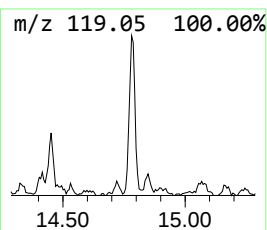
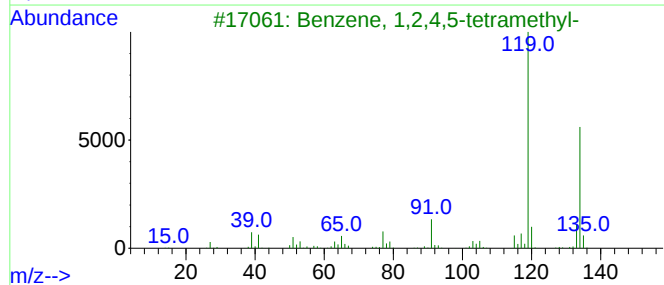
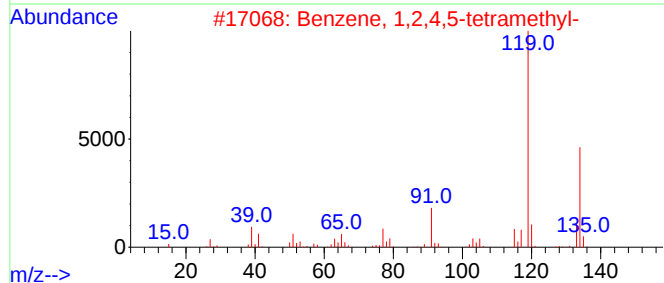
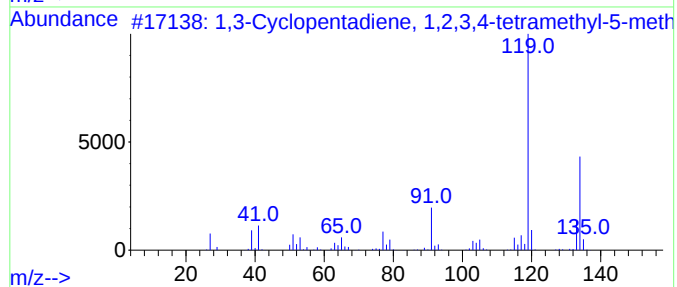
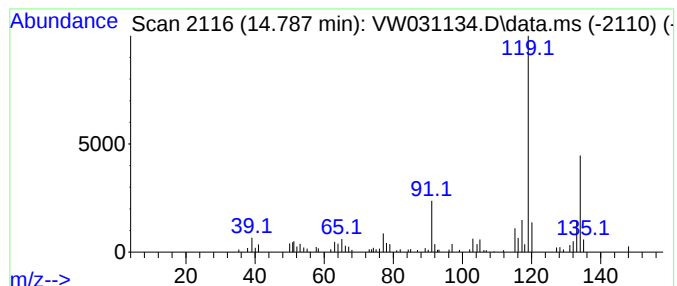
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	7.24 ug/L	45294	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031134.D
Acq On : 04 Dec 2024 18:57
Operator : SY/MD
Sample : P5066-04
Misc : 3.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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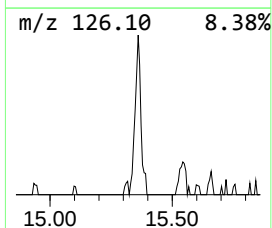
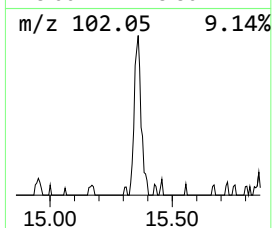
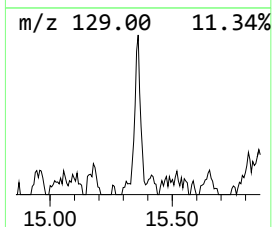
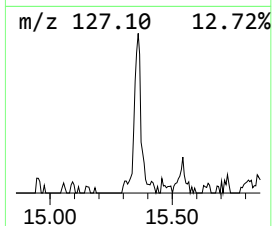
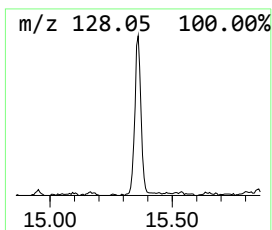
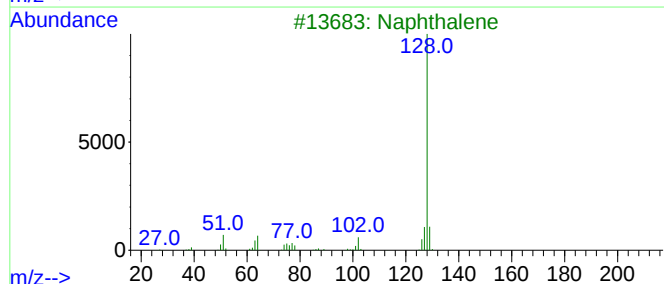
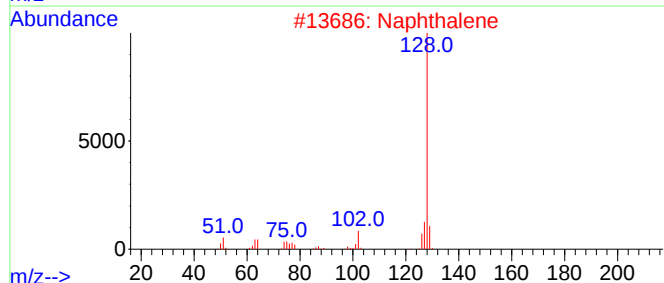
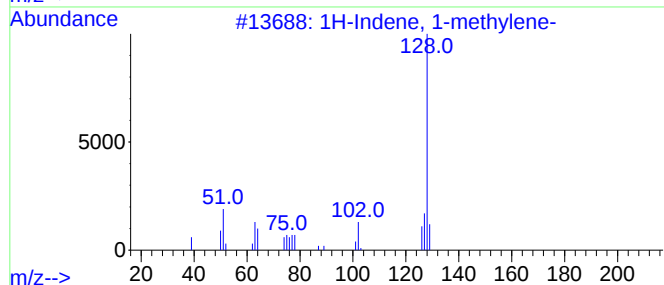
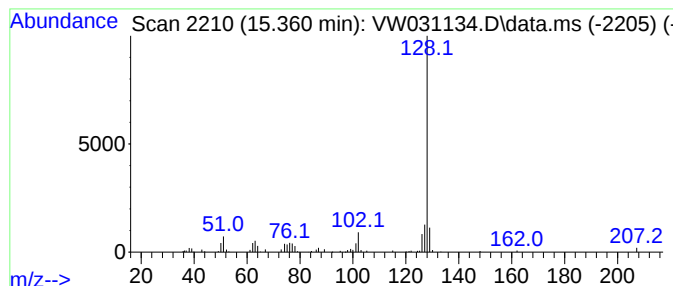
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Quant Title : SFAM01.0

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

Peak Number 16 1H-Indene, 1-methylene- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	7.16 ug/L	44773	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
2			Naphthalene	128	C10H8	000091-20-3	91
3			Naphthalene	128	C10H8	000091-20-3	91
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031134.D
Acq On : 04 Dec 2024 18:57
Operator : SY/MD
Sample : P5066-04
Misc : 3.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M3

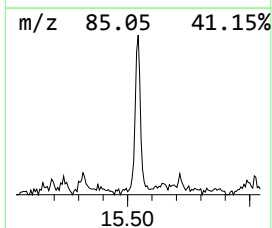
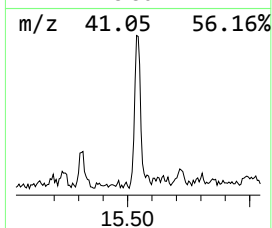
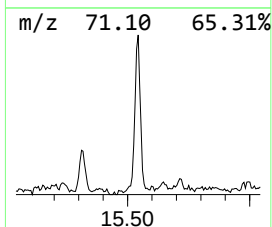
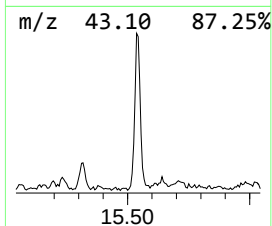
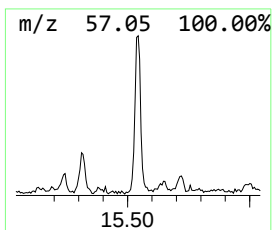
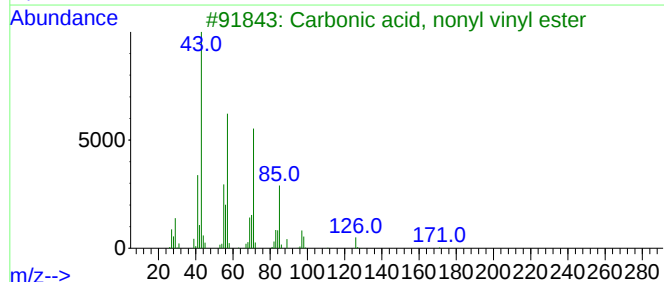
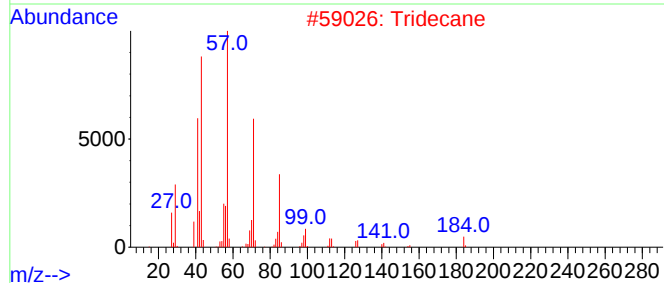
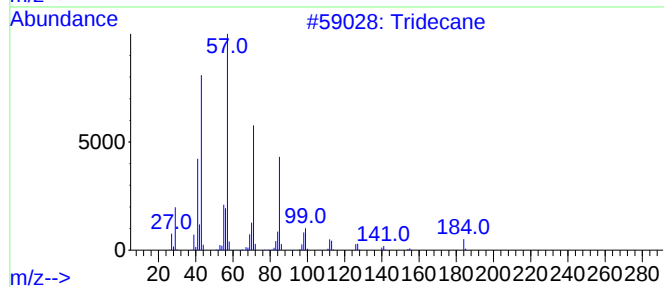
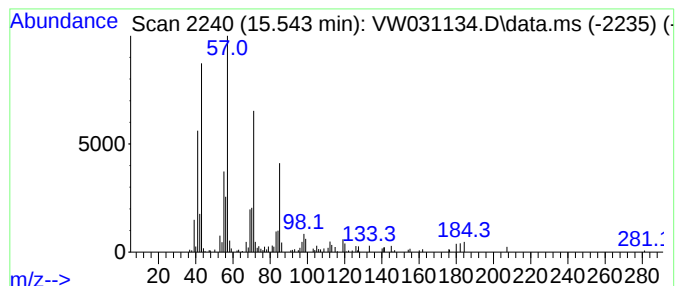
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	14.07 ug/L	87950	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tridecane	184	C13H28	000629-50-5	91
3			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031134.D
Acq On : 04 Dec 2024 18:57
Operator : SY/MD
Sample : P5066-04
Misc : 3.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M3

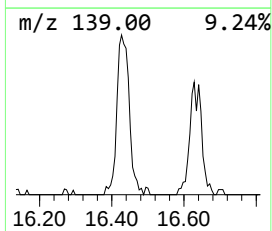
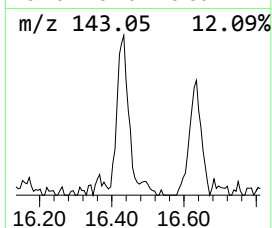
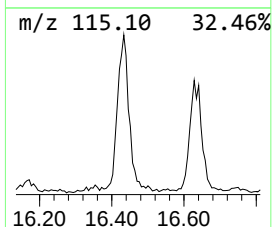
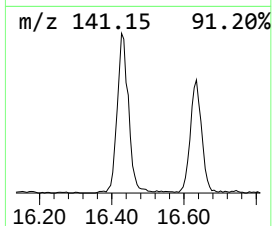
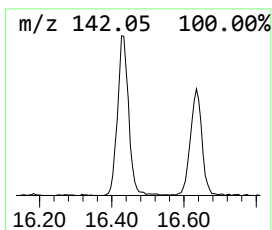
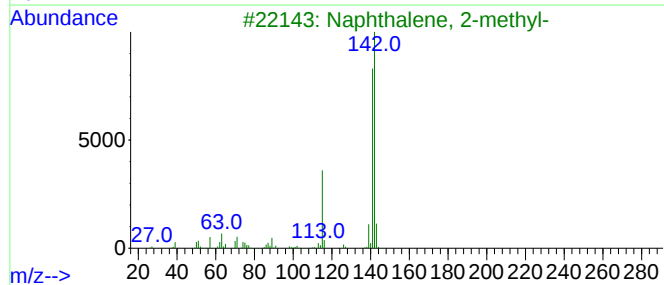
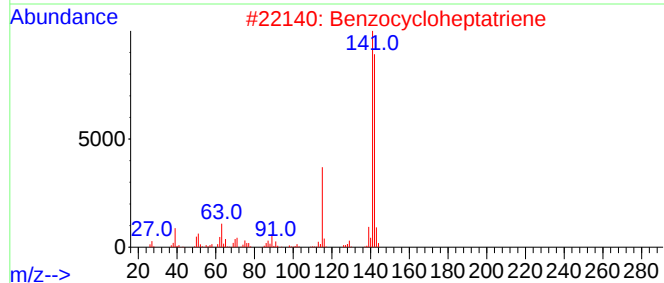
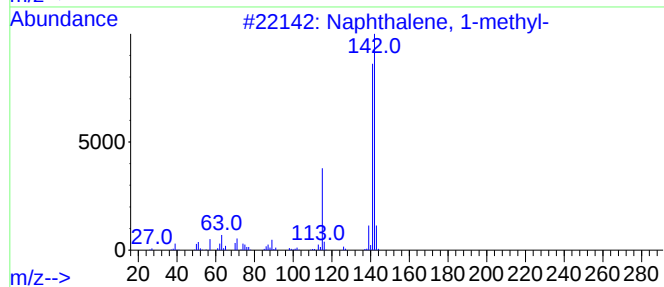
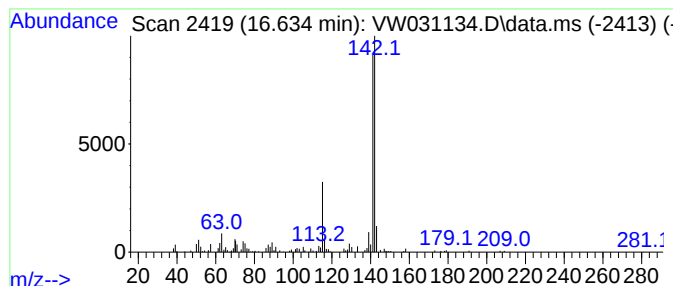
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Quant Title : SFAM01.0

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

Peak Number 22 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	16.16 ug/L	101041	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Benzocycloheptatriene	142	C11H10	000264-09-5	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031134.D
Acq On : 04 Dec 2024 18:57
Operator : SY/MD
Sample : P5066-04
Misc : 3.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.143	1.4	ug/L	52081	1	8.837	927164	25.0
Benzene, 1-ethy...	14.452	1.4	ug/L	8482	3	13.556	156326	25.0
1,3-Cyclopentad...	14.787	7.2	ug/L	45294	3	13.556	156326	25.0
1H-Indene, 1-me...	15.360	7.2	ug/L	44773	3	13.556	156326	25.0
(DEL) Alkane: S...	15.543	14.1	ug/L	87950	3	13.556	156326	25.0
Benzocyclohepta...	16.634	16.2	ug/L	101041	3	13.556	156326	25.0