

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020101.D
 Acq On : 21 Sep 2021 19:04
 Operator : SY/VA
 Sample : M3813-13
 Misc : 5.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T7

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

Signal : TIC: VW020101.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	35	41	50	rBV	341391	770349	48.59%	5.835%
2	2.361	70	75	84	rBV	104285	214102	13.51%	1.622%
3	2.898	157	163	180	rVB	106129	265496	16.75%	2.011%
4	3.300	227	229	233	rBV3	518	603	0.04%	0.005%
5	3.397	236	245	255	rVV3	4571	11716	0.74%	0.089%
6	3.538	261	268	275	rBV4	1141	3284	0.21%	0.025%
7	3.727	292	299	310	rBV4	1463	4367	0.28%	0.033%
8	4.025	335	348	374	rBV2	179692	600715	37.89%	4.550%
9	4.190	374	375	378	rVV3	666	594	0.04%	0.004%
10	4.220	378	380	383	rVB3	969	1022	0.06%	0.008%
11	4.257	383	386	390	rVB2	445	714	0.05%	0.005%
12	4.391	398	408	421	rBV2	18279	61077	3.85%	0.463%
13	4.922	485	495	506	rBV2	17722	63277	3.99%	0.479%
14	5.781	631	636	638	rBV2	527	845	0.05%	0.006%
15	5.812	640	641	646	rVV	395	421	0.03%	0.003%
16	5.952	655	664	673	rVV3	4635	14020	0.88%	0.106%
17	6.903	812	820	832	rBV4	2174	6309	0.40%	0.048%
18	7.080	837	849	873	rBV	43708	134756	8.50%	1.021%
19	7.653	932	943	958	rBV	279373	680654	42.94%	5.156%
20	7.781	958	964	967	rVB4	550	897	0.06%	0.007%
21	7.891	978	982	983	rBV	302	370	0.02%	0.003%
22	7.952	988	992	994	rBV2	624	852	0.05%	0.006%
23	8.281	1035	1046	1064	rBV2	541578	1585261	100.00%	12.007%
24	8.403	1064	1066	1073	rVB5	776	1314	0.08%	0.010%
25	8.512	1082	1084	1088	rBV2	372	519	0.03%	0.004%
26	8.567	1088	1093	1098	rVB4	893	1734	0.11%	0.013%
27	8.610	1098	1100	1102	rBV	470	451	0.03%	0.003%
28	8.695	1109	1114	1121	rBV6	906	2090	0.13%	0.016%
29	8.848	1129	1139	1151	rBV	530236	1041760	65.72%	7.891%
30	8.957	1156	1157	1162	rVB5	573	634	0.04%	0.005%
31	9.049	1166	1172	1180	rBV2	8479	16757	1.06%	0.127%
32	9.213	1196	1199	1201	rBV	450	425	0.03%	0.003%
33	9.274	1201	1209	1221	rBV	368238	748922	47.24%	5.673%
34	9.409	1225	1231	1241	rVV	33979	64006	4.04%	0.485%
35	10.036	1325	1334	1346	rBV	196577	360253	22.73%	2.729%
36	10.140	1349	1351	1355	rVB3	485	607	0.04%	0.005%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020101.D
 Acq On : 21 Sep 2021 19:04
 Operator : SY/VA
 Sample : M3813-13
 Misc : 5.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T7

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

37	10.323	1372	1381	1388	rBV	750812	1330365	83.92%	10.077%
38	10.390	1388	1392	1399	rVV	16916	31640	2.00%	0.240%
39	10.494	1402	1409	1416	rVV2	6224	12019	0.76%	0.091%
40	10.579	1416	1423	1437	rVV	138302	239250	15.09%	1.812%
41	10.707	1437	1444	1451	rVV	25564	45894	2.90%	0.348%
42	10.927	1472	1480	1492	rBV	193934	328838	20.74%	2.491%
43	11.073	1497	1504	1516	rVV	126045	204736	12.91%	1.551%
44	11.183	1521	1522	1525	rVV2	795	750	0.05%	0.006%
45	11.231	1528	1530	1533	rVB3	508	518	0.03%	0.004%
46	11.298	1539	1541	1547	rVB2	272	414	0.03%	0.003%
47	11.634	1588	1596	1606	rBV	768875	1295841	81.74%	9.815%
48	11.811	1619	1625	1630	rBV	12174	22078	1.39%	0.167%
49	11.951	1642	1648	1657	rVB5	2017	4640	0.29%	0.035%
50	12.097	1669	1672	1678	rVB4	837	1450	0.09%	0.011%
51	12.158	1678	1682	1686	rBV3	497	902	0.06%	0.007%
52	12.201	1686	1689	1691	rVB2	313	364	0.02%	0.003%
53	12.243	1691	1696	1699	rVB4	602	850	0.05%	0.006%
54	12.341	1706	1712	1717	rBV2	8854	14084	0.89%	0.107%
55	12.560	1745	1748	1749	rBV2	457	407	0.03%	0.003%
56	12.609	1749	1756	1763	rVV2	39608	67650	4.27%	0.512%
57	12.695	1763	1770	1777	rBV	298310	489145	30.86%	3.705%
58	12.859	1794	1797	1799	rBV3	457	551	0.03%	0.004%
59	12.890	1799	1802	1806	rBV2	980	1240	0.08%	0.009%
60	12.938	1806	1810	1811	rBV3	974	1183	0.07%	0.009%
61	13.012	1819	1822	1823	rBV2	447	397	0.03%	0.003%
62	13.042	1823	1827	1830	rVB4	987	1537	0.10%	0.012%
63	13.103	1832	1837	1841	rVB4	1296	1847	0.12%	0.014%
64	13.158	1841	1846	1849	rBV4	1580	2764	0.17%	0.021%
65	13.194	1850	1852	1856	rVB2	1782	1701	0.11%	0.013%
66	13.255	1856	1862	1864	rBV4	1543	2646	0.17%	0.020%
67	13.396	1879	1885	1895	rVV7	4985	9274	0.59%	0.070%
68	13.505	1900	1903	1904	rBV	492	522	0.03%	0.004%
69	13.560	1904	1912	1922	rBV	755884	1199405	75.66%	9.085%
70	13.646	1922	1926	1934	rVB	26485	41573	2.62%	0.315%
71	13.768	1941	1946	1950	rVB5	1100	1987	0.13%	0.015%
72	13.853	1952	1960	1972	rBV	683971	1081572	68.23%	8.192%
73	13.981	1979	1981	1982	rBV2	432	423	0.03%	0.003%
74	14.017	1984	1987	1989	rVV4	814	1368	0.09%	0.010%
75	14.066	1990	1995	2003	rVB	22511	36231	2.29%	0.274%
76	14.194	2013	2016	2019	rVB4	789	958	0.06%	0.007%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020101.D
 Acq On : 21 Sep 2021 19:04
 Operator : SY/VA
 Sample : M3813-13
 Misc : 5.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T7

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

77	14.322	2030	2037	2043	rBV6	7635	12521	0.79%	0.095%
78	14.371	2043	2045	2047	rVB3	419	366	0.02%	0.003%
79	14.523	2068	2070	2072	rVB2	1209	896	0.06%	0.007%
80	14.627	2083	2087	2090	rBV3	828	1186	0.07%	0.009%
81	14.773	2107	2111	2116	rVB2	989	1824	0.12%	0.014%
82	14.883	2125	2129	2131	rBV	601	647	0.04%	0.005%
83	14.950	2136	2140	2147	rVB3	1902	2953	0.19%	0.022%
84	15.127	2167	2169	2173	rVV4	520	785	0.05%	0.006%
85	15.182	2173	2178	2185	rVB6	1914	3236	0.20%	0.025%
86	15.237	2185	2187	2190	rBV3	437	452	0.03%	0.003%
87	15.365	2204	2208	2210	rVV4	409	584	0.04%	0.004%
88	15.487	2221	2228	2234	rBV	13408	24452	1.54%	0.185%
89	15.548	2236	2238	2243	rVB4	813	1175	0.07%	0.009%
90	15.645	2252	2254	2257	rVB2	369	366	0.02%	0.003%
91	15.792	2274	2278	2284	rVV3	1070	1828	0.12%	0.014%
92	15.846	2284	2287	2292	rVV3	1533	2037	0.13%	0.015%
93	15.950	2303	2304	2309	rVB4	515	773	0.05%	0.006%
94	16.084	2324	2326	2331	rBV5	1362	1794	0.11%	0.014%
95	16.182	2340	2342	2347	rBV2	366	504	0.03%	0.004%
96	16.322	2360	2365	2369	rBV7	1227	1995	0.13%	0.015%
97	16.523	2396	2398	2400	rBV3	425	414	0.03%	0.003%
98	16.694	2422	2426	2428	rBV3	416	568	0.04%	0.004%
99	16.736	2430	2433	2435	rVB2	549	466	0.03%	0.004%
100	16.761	2435	2437	2439	rBV2	427	424	0.03%	0.003%

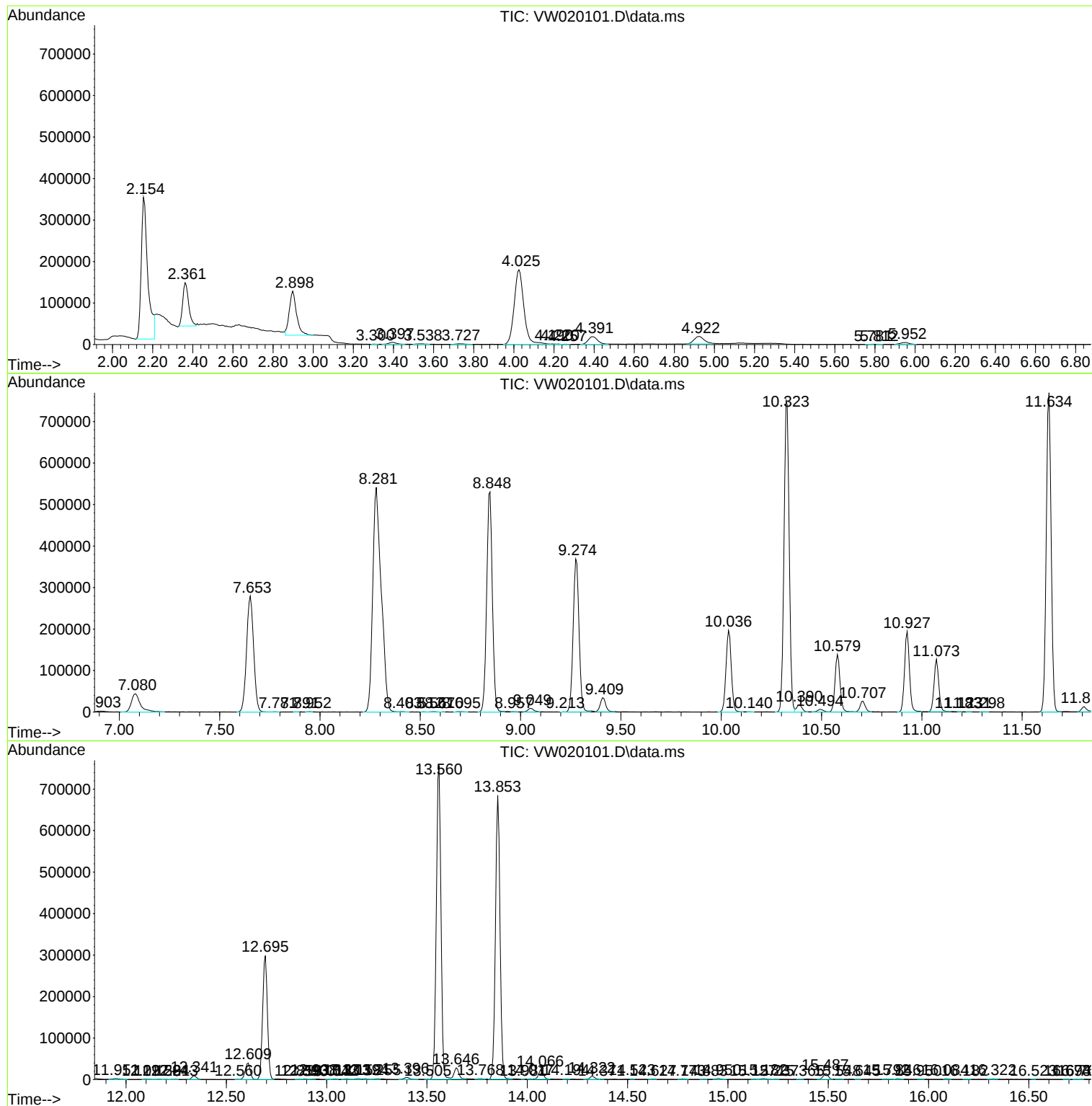
Sum of corrected areas: 13202433

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020101.D
Acq On : 21 Sep 2021 19:04
Operator : SY/VA
Sample : M3813-13
Misc : 5.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020101.D
Acq On : 21 Sep 2021 19:04
Operator : SY/VA
Sample : M3813-13
Misc : 5.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T7

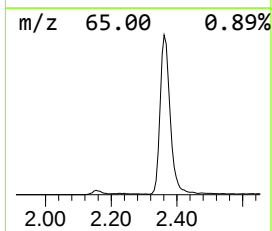
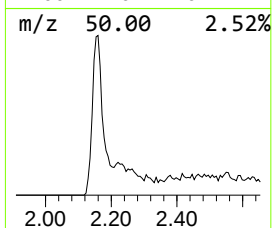
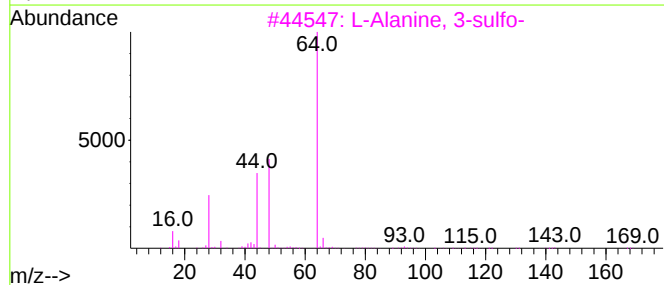
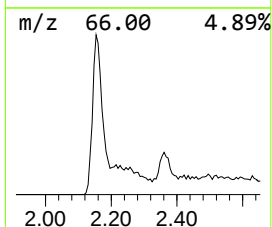
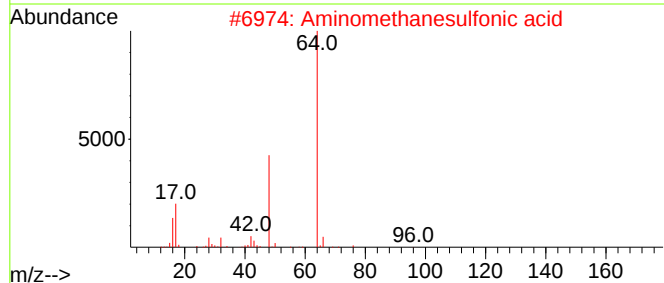
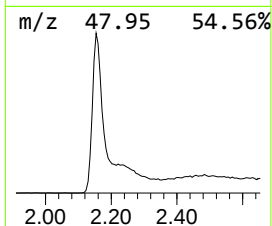
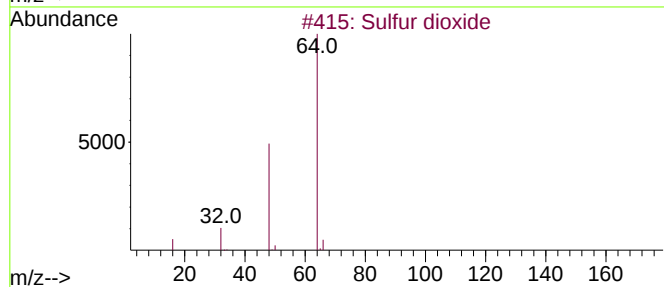
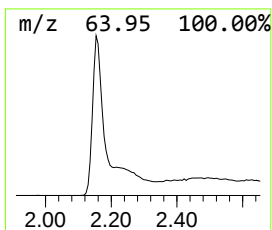
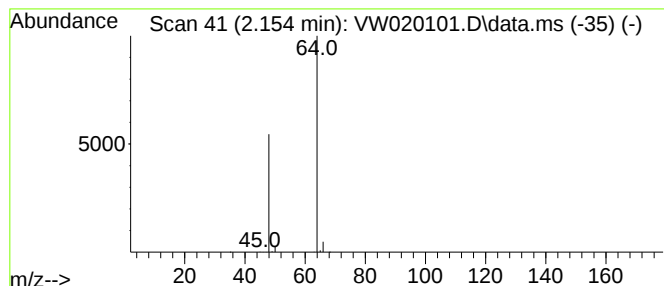
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.154	18.49 ug/L	770349	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020101.D
Acq On : 21 Sep 2021 19:04
Operator : SY/VA
Sample : M3813-13
Misc : 5.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T7

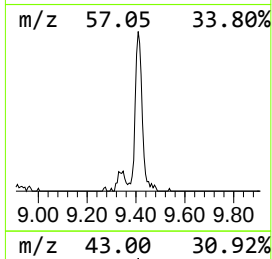
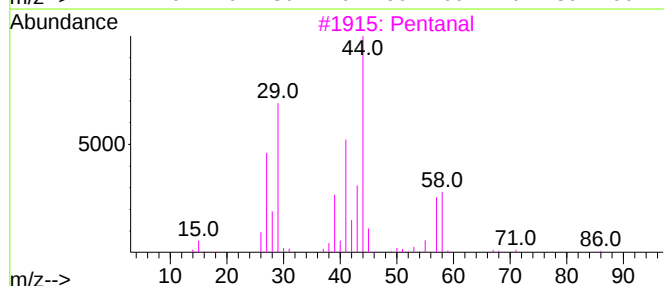
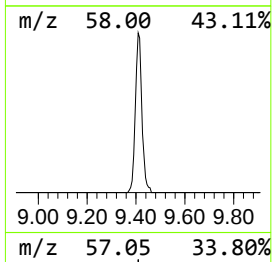
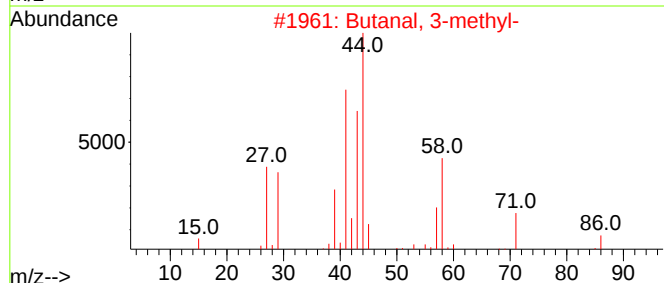
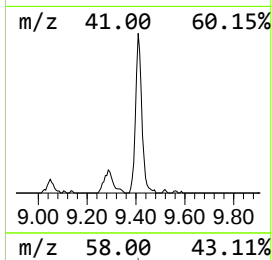
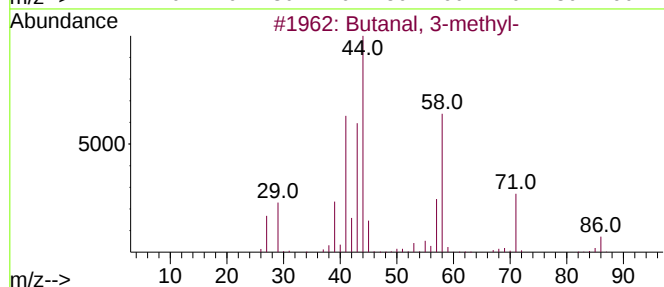
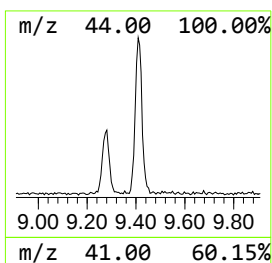
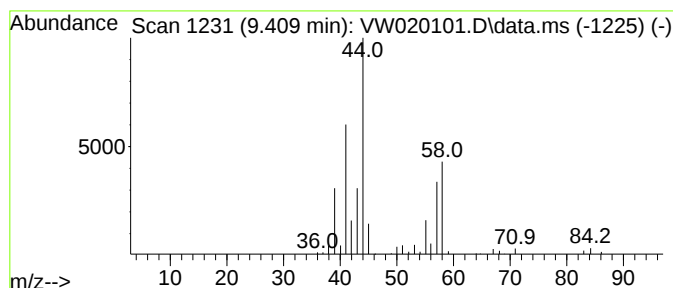
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Butanal, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	1.54 ug/L	64006	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	78
3			Pentanal	86	C5H10O	000110-62-3	72
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
5			Pentanal	86	C5H10O	000110-62-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020101.D
Acq On : 21 Sep 2021 19:04
Operator : SY/VA
Sample : M3813-13
Misc : 5.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T7

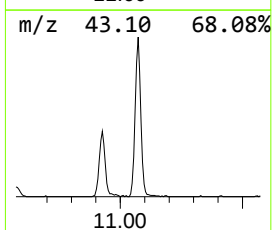
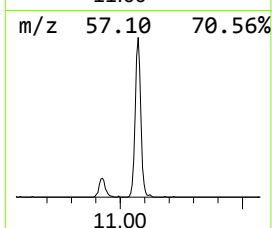
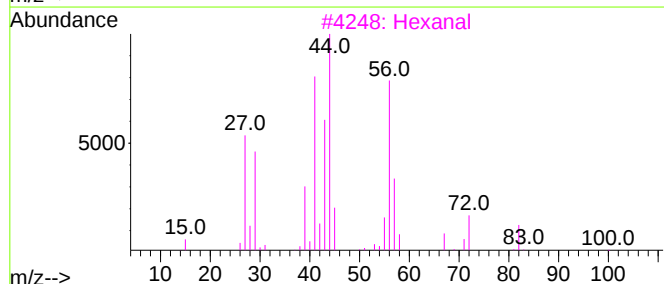
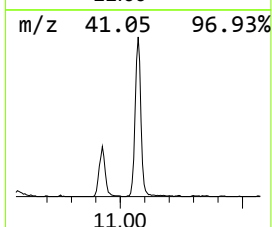
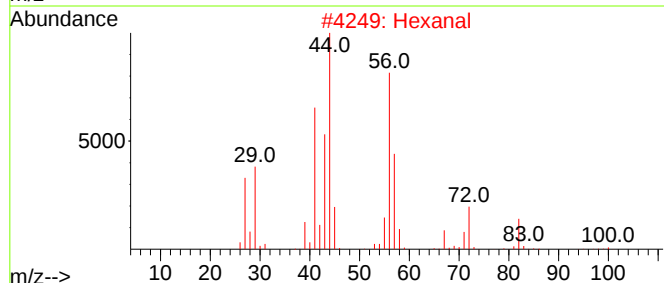
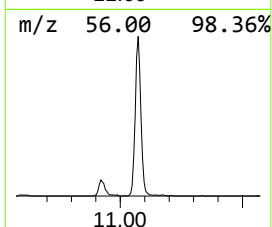
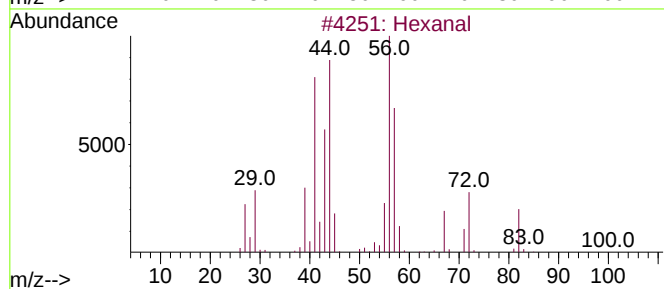
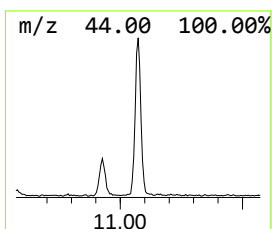
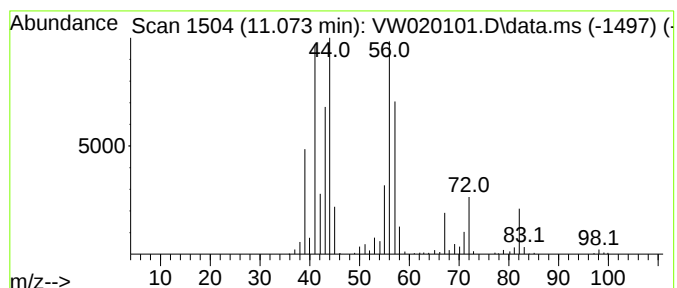
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	3.95 ug/L	204736	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	72
3	Hexanal			100	C6H12O	000066-25-1	59
4	Hexanal			100	C6H12O	000066-25-1	58
5	Hexanal			100	C6H12O	000066-25-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020101.D
Acq On : 21 Sep 2021 19:04
Operator : SY/VA
Sample : M3813-13
Misc : 5.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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	2.154	18.5	ug/L	770349	1	8.848	1041760	25.0
Butanal, 3-methyl-	9.409	1.5	ug/L	64006	1	8.848	1041760	25.0
Hexanal	11.073	4.0	ug/L	204736	2	11.634	1295840	25.0