

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020103.D
 Acq On : 21 Sep 2021 19:52
 Operator : SY/VA
 Sample : M3813-15
 Misc : 5.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T9

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: VW020103.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.190	35	47	69	rBV	159373	1091746	72.96%	7.547%
2	2.361	70	75	88	rVB	133423	291642	19.49%	2.016%
3	2.891	155	162	181	rVB	89593	250215	16.72%	1.730%
4	3.294	225	228	232	rBV2	434	785	0.05%	0.005%
5	3.385	236	243	250	rBV4	4490	10295	0.69%	0.071%
6	3.538	259	268	272	rBV3	874	2353	0.16%	0.016%
7	3.727	288	299	309	rBV5	3269	9964	0.67%	0.069%
8	3.891	321	326	329	rBV3	748	1326	0.09%	0.009%
9	4.019	333	347	361	rBV2	189932	689462	46.08%	4.766%
10	4.385	397	407	421	rVB	17829	56169	3.75%	0.388%
11	4.678	444	455	467	rBV2	14189	43089	2.88%	0.298%
12	4.921	484	495	515	rVB2	19634	72201	4.83%	0.499%
13	5.123	519	528	540	rBV2	4786	16766	1.12%	0.116%
14	5.391	562	572	576	rBV	1623	5185	0.35%	0.036%
15	5.519	579	593	615	rVB	29568	154577	10.33%	1.069%
16	5.769	632	634	636	rBV2	646	751	0.05%	0.005%
17	5.946	653	663	674	rVB3	6345	19284	1.29%	0.133%
18	6.116	684	691	700	rBV7	1023	3647	0.24%	0.025%
19	6.598	766	770	771	rVV	814	768	0.05%	0.005%
20	6.616	771	773	778	rVV	952	1235	0.08%	0.009%
21	6.903	809	820	829	rBV2	19767	56159	3.75%	0.388%
22	7.080	840	849	867	rBV	40694	116476	7.78%	0.805%
23	7.653	931	943	959	rBV	262430	634148	42.38%	4.384%
24	7.872	976	979	982	rBV3	360	501	0.03%	0.003%
25	7.957	986	993	1005	rBV6	2578	7150	0.48%	0.049%
26	8.281	1035	1046	1062	rBV2	512360	1496367	100.00%	10.344%
27	8.415	1066	1068	1073	rVB3	755	808	0.05%	0.006%
28	8.555	1084	1091	1101	rVB4	1904	4348	0.29%	0.030%
29	8.628	1101	1103	1108	rVB2	432	649	0.04%	0.004%
30	8.701	1108	1115	1126	rBV7	2364	6808	0.45%	0.047%
31	8.848	1130	1139	1150	rBV	498728	978851	65.42%	6.767%
32	9.049	1164	1172	1183	rVB	22012	44349	2.96%	0.307%
33	9.274	1199	1209	1218	rBV	335732	687744	45.96%	4.754%
34	9.408	1225	1231	1242	rVB	54066	104192	6.96%	0.720%
35	9.591	1258	1261	1265	rVB2	684	634	0.04%	0.004%
36	9.658	1265	1272	1278	rVB6	848	1908	0.13%	0.013%

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 Title : SFAM01.0

37	9.921	1311	1315	1318	rBV3	411	695	0.05%	0.005%
38	10.036	1327	1334	1344	rBV	185029	325964	21.78%	2.253%
39	10.323	1372	1381	1388	rBV	711514	1256741	83.99%	8.688%
40	10.390	1388	1392	1400	rVB	47000	81746	5.46%	0.565%
41	10.506	1405	1411	1416	rBV7	1650	3384	0.23%	0.023%
42	10.579	1416	1423	1436	rBV	125121	224999	15.04%	1.555%
43	10.707	1438	1444	1452	rBV	21457	37896	2.53%	0.262%
44	10.926	1473	1480	1496	rBV	177027	293898	19.64%	2.032%
45	11.073	1496	1504	1515	rBV	567014	909149	60.76%	6.285%
46	11.414	1556	1560	1565	rVB7	637	1126	0.08%	0.008%
47	11.567	1578	1585	1588	rVV5	1183	2002	0.13%	0.014%
48	11.634	1588	1596	1606	rVV	748624	1219070	81.47%	8.427%
49	11.707	1606	1608	1614	rVB3	1250	2064	0.14%	0.014%
50	11.804	1619	1624	1628	rBV	5867	10223	0.68%	0.071%
51	11.945	1642	1647	1655	rVV5	5003	9204	0.62%	0.064%
52	12.024	1657	1660	1663	rVV3	601	840	0.06%	0.006%
53	12.097	1666	1672	1680	rVB4	3169	6606	0.44%	0.046%
54	12.231	1691	1694	1695	rBV2	715	879	0.06%	0.006%
55	12.243	1695	1696	1699	rVB2	601	509	0.03%	0.004%
56	12.341	1704	1712	1718	rBV	72382	114783	7.67%	0.793%
57	12.390	1718	1720	1732	rVB3	5246	8366	0.56%	0.058%
58	12.481	1732	1735	1737	rBV2	508	648	0.04%	0.004%
59	12.609	1747	1756	1763	rBV	94122	161965	10.82%	1.120%
60	12.694	1763	1770	1778	rBV	276077	454124	30.35%	3.139%
61	12.859	1792	1797	1801	rBV5	1533	2889	0.19%	0.020%
62	12.896	1801	1803	1804	rVV2	1123	1063	0.07%	0.007%
63	12.932	1806	1809	1818	rVB6	2393	4968	0.33%	0.034%
64	13.042	1822	1827	1831	rBV	4313	5818	0.39%	0.040%
65	13.097	1831	1836	1841	rBV6	4550	8144	0.54%	0.056%
66	13.158	1842	1846	1851	rVV4	3398	5057	0.34%	0.035%
67	13.268	1856	1864	1873	rVB7	2881	9589	0.64%	0.066%
68	13.396	1878	1885	1892	rBV2	23784	41077	2.75%	0.284%
69	13.560	1904	1912	1919	rVV	712765	1145377	76.54%	7.918%
70	13.645	1922	1926	1934	rVV2	20287	36492	2.44%	0.252%
71	13.713	1934	1937	1941	rVV5	1107	1854	0.12%	0.013%
72	13.767	1943	1946	1947	rBV2	917	900	0.06%	0.006%
73	13.853	1953	1960	1973	rVV	633509	1020196	68.18%	7.053%
74	13.950	1973	1976	1978	rVB4	1363	1287	0.09%	0.009%
75	14.017	1985	1987	1990	rBV3	938	1287	0.09%	0.009%
76	14.072	1990	1996	2011	rVB2	43237	79909	5.34%	0.552%

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 Title : SFAM01.0

77	14.194	2013	2016	2018	rBV2	941	1164	0.08%	0.008%
78	14.322	2030	2037	2046	rBV3	22815	38292	2.56%	0.265%
79	14.487	2062	2064	2065	rBV2	671	538	0.04%	0.004%
80	14.523	2067	2070	2074	rVB5	1811	2509	0.17%	0.017%
81	14.621	2082	2086	2088	rBV2	696	1048	0.07%	0.007%
82	14.712	2098	2101	2105	rVB5	879	1333	0.09%	0.009%
83	14.877	2125	2128	2132	rVB3	639	700	0.05%	0.005%
84	14.950	2132	2140	2148	rBV2	13437	23823	1.59%	0.165%
85	15.048	2154	2156	2160	rBV2	548	633	0.04%	0.004%
86	15.176	2174	2177	2183	rVB5	3380	5443	0.36%	0.038%
87	15.255	2188	2190	2193	rVB3	598	545	0.04%	0.004%
88	15.359	2204	2207	2208	rBV3	731	714	0.05%	0.005%
89	15.401	2208	2214	2221	rVB5	1341	2732	0.18%	0.019%
90	15.487	2221	2228	2234	rBV	4152	7907	0.53%	0.055%
91	15.609	2243	2248	2252	rVB5	1071	1867	0.12%	0.013%
92	15.798	2275	2279	2281	rVV3	1365	1527	0.10%	0.011%
93	15.846	2283	2287	2293	rVB3	5893	10491	0.70%	0.073%
94	15.956	2302	2305	2310	rVB4	1547	2478	0.17%	0.017%
95	16.017	2313	2315	2317	rBV3	573	456	0.03%	0.003%
96	16.096	2324	2328	2334	rVB6	2116	3345	0.22%	0.023%
97	16.243	2349	2352	2353	rBV3	369	454	0.03%	0.003%
98	16.310	2360	2363	2364	rBV2	871	910	0.06%	0.006%
99	16.517	2394	2397	2400	rVB5	513	662	0.04%	0.005%
100	16.706	2426	2428	2434	rVB3	424	747	0.05%	0.005%

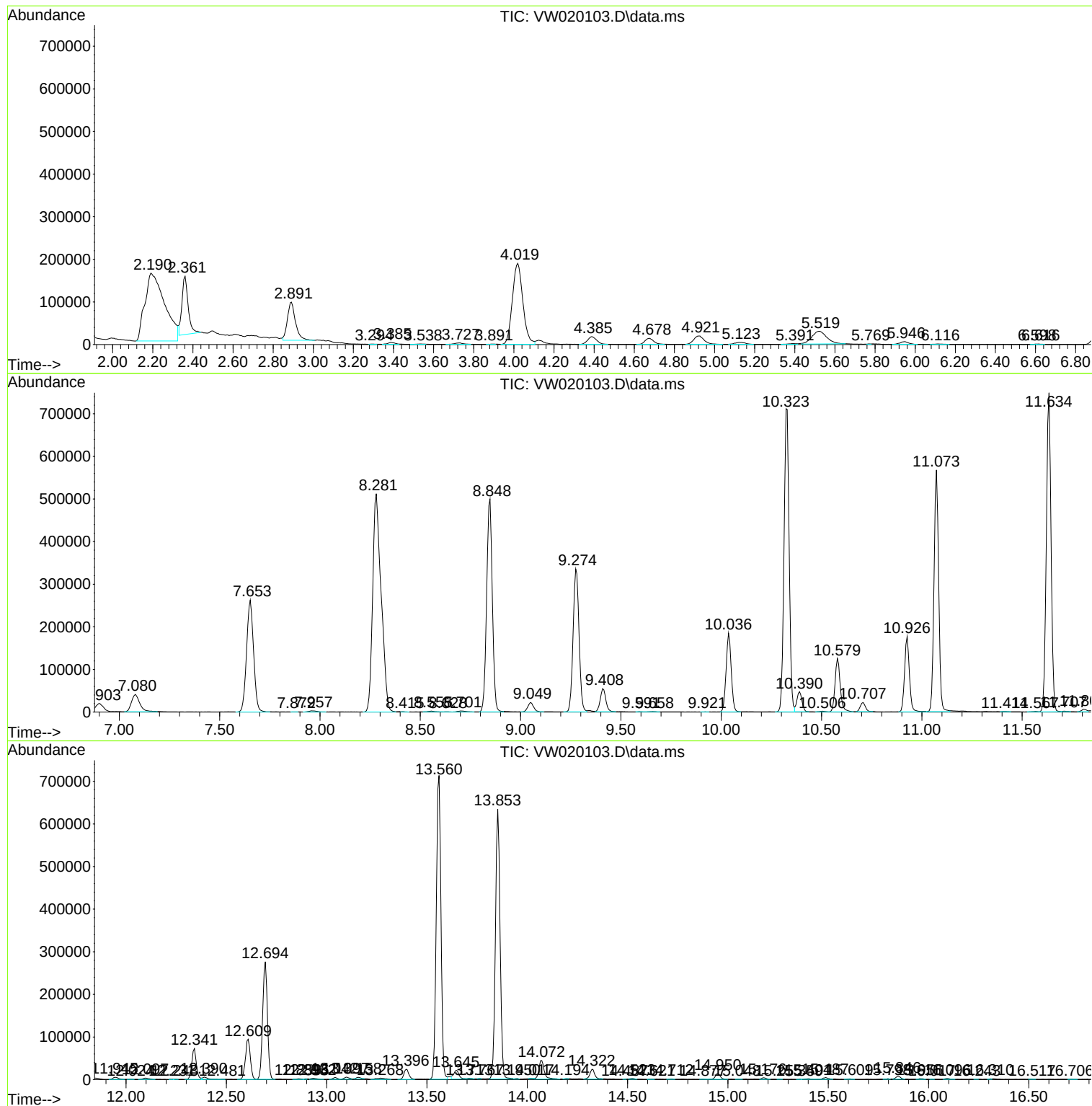
Sum of corrected areas: 14465658

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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



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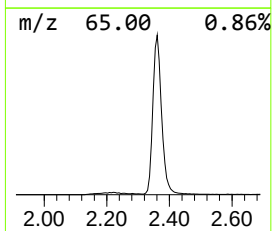
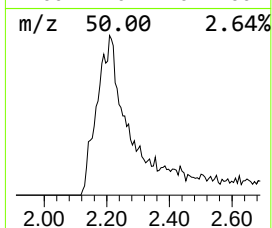
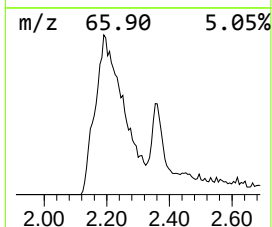
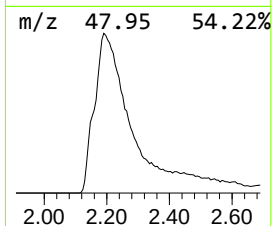
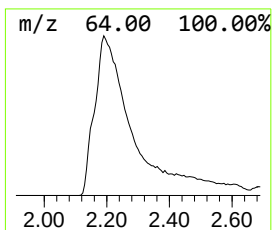
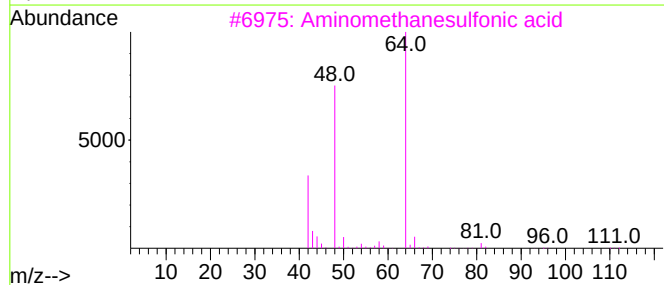
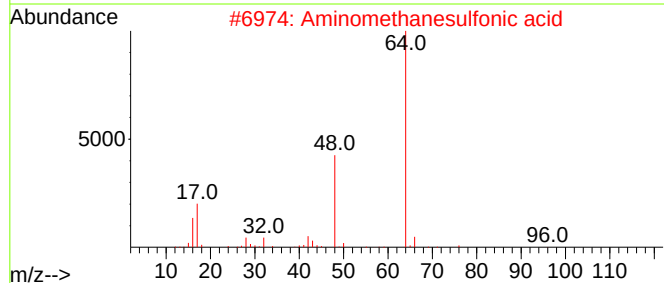
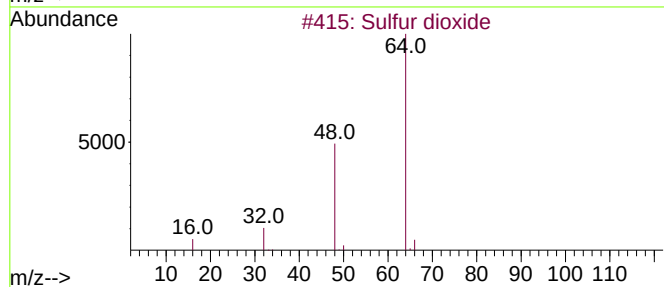
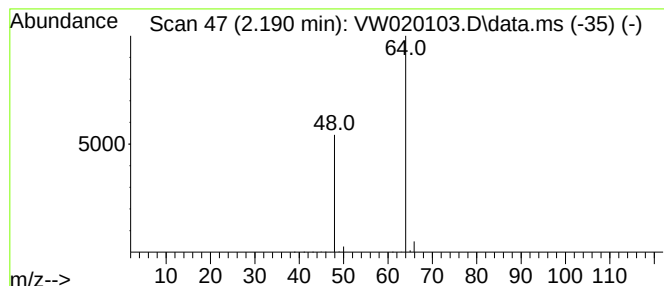
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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.
2.190	27.88 ug/L	1091750	1,4-Difluorobenzene	8.848

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			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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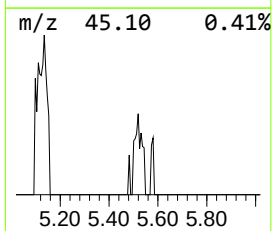
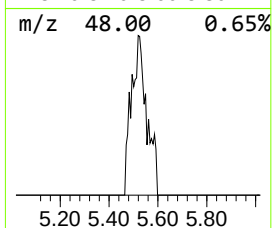
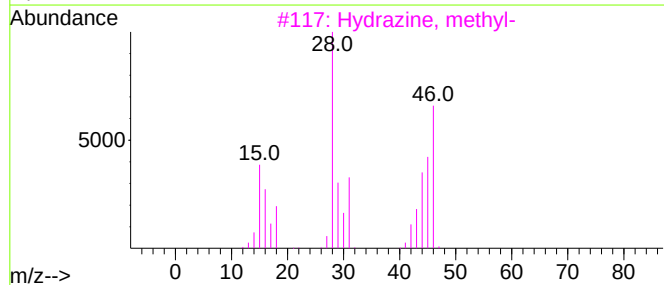
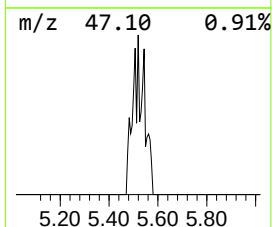
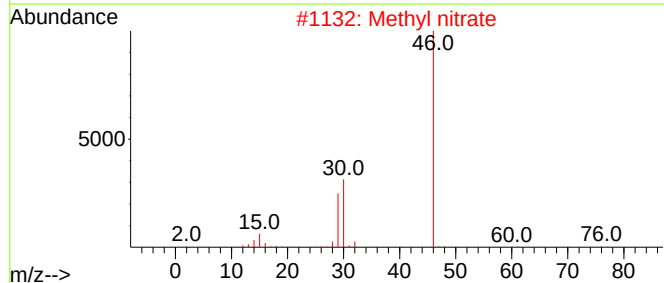
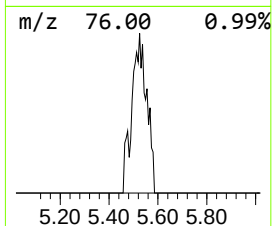
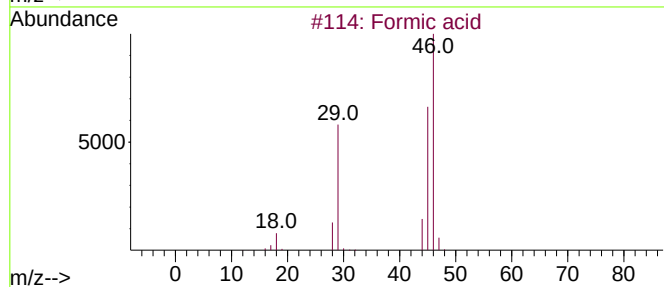
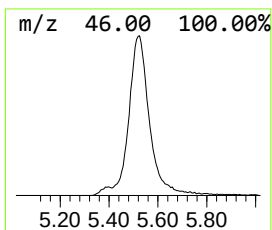
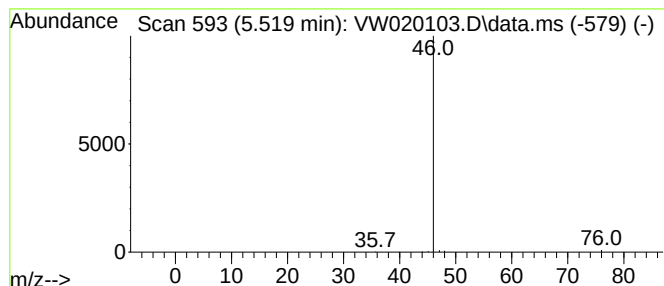
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.519	3.95 ug/L	154577	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formic acid	46	CH2O2	000064-18-6	4
2			Methyl nitrate	77	CH3NO3	000598-58-3	4
3			Hydrazine, methyl-	46	CH6N2	000060-34-4	3
4			Hydrazine, methyl-	46	CH6N2	000060-34-4	3
5			Ethene, fluoro-	46	C2H3F	000075-02-5	3



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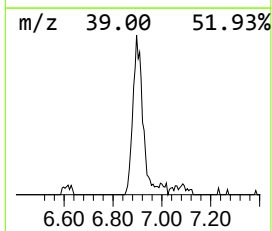
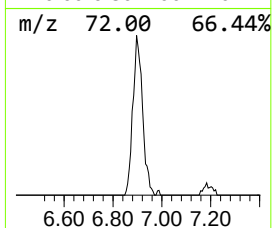
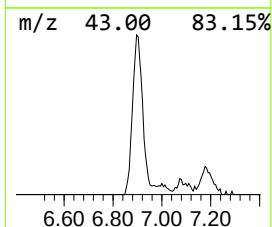
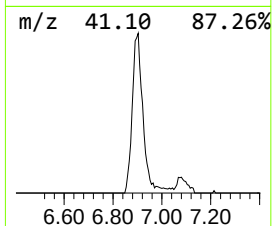
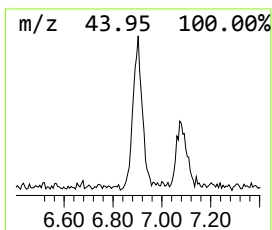
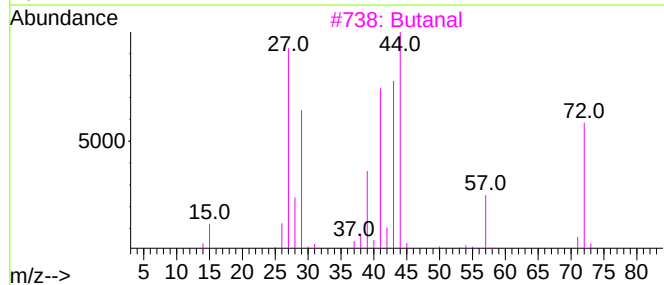
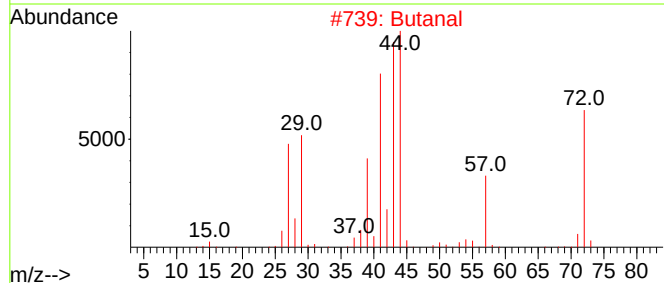
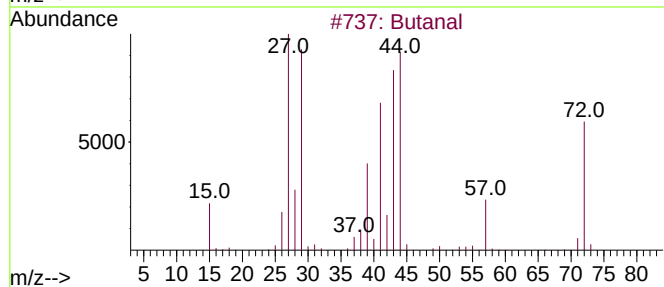
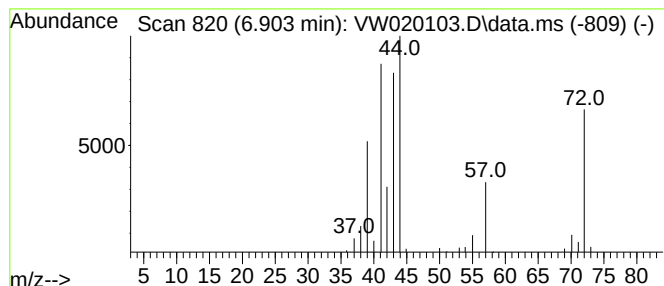
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Butanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.903	1.43 ug/L	56159	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	90
2	Butanal			72	C4H8O	000123-72-8	90
3	Butanal			72	C4H8O	000123-72-8	68
4	Butanal			72	C4H8O	000123-72-8	52
5	Butanal			72	C4H8O	000123-72-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020103.D
Acq On : 21 Sep 2021 19:52
Operator : SY/VA
Sample : M3813-15
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T9

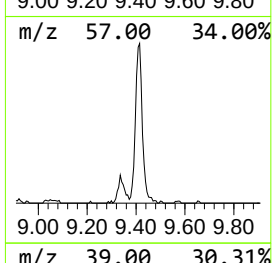
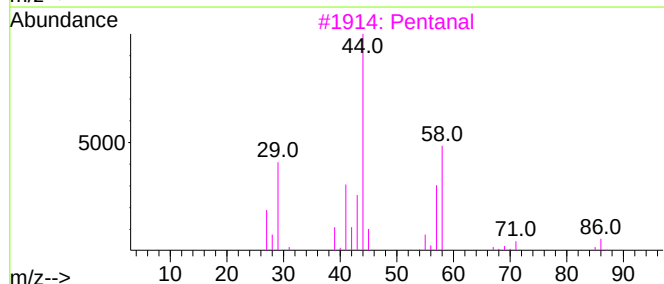
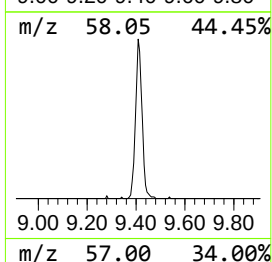
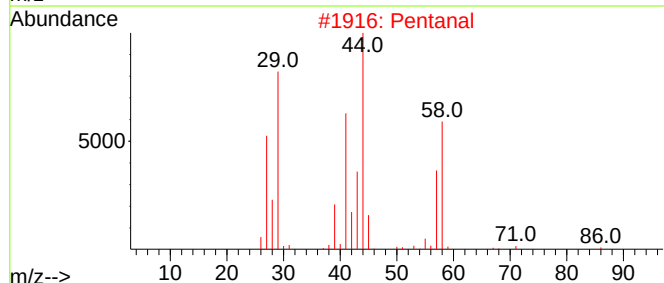
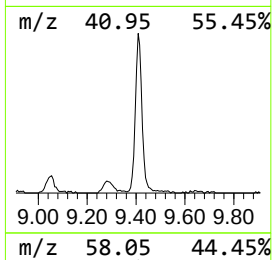
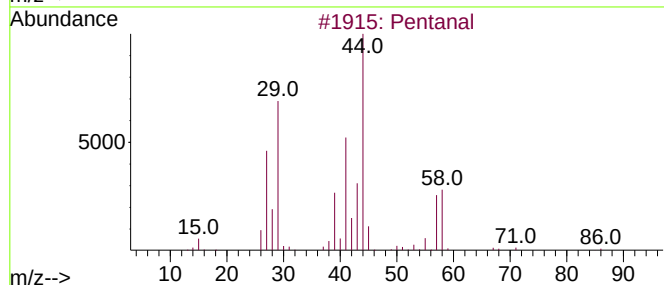
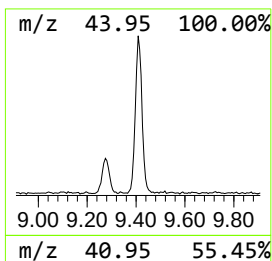
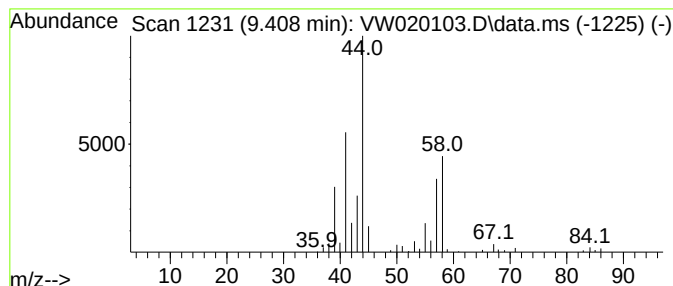
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Quant Title : SFAM01.0

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

Peak Number 4 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.408	2.66 ug/L	104192	1,4-Difluorobenzene	8.848

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020103.D
Acq On : 21 Sep 2021 19:52
Operator : SY/VA
Sample : M3813-15
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T9

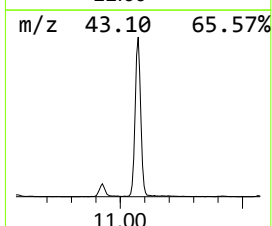
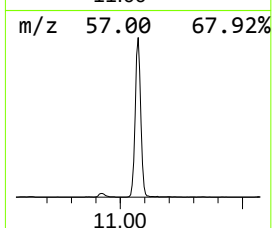
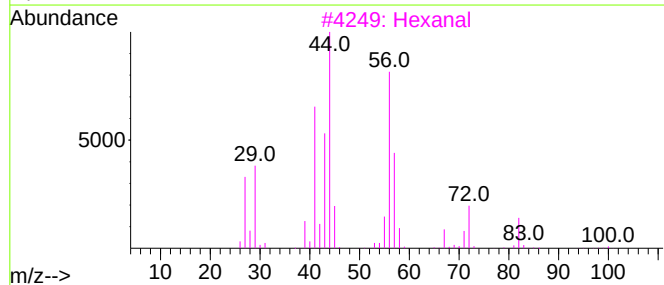
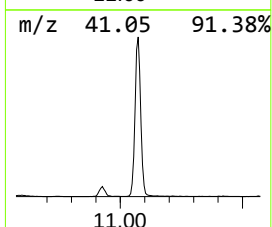
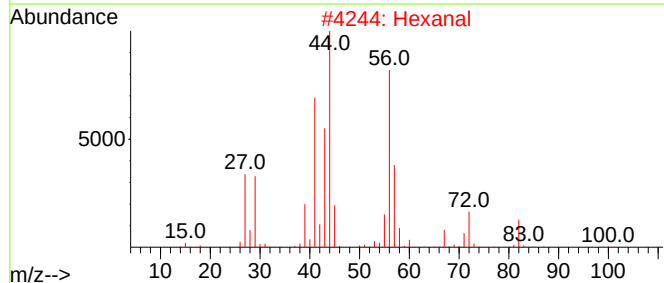
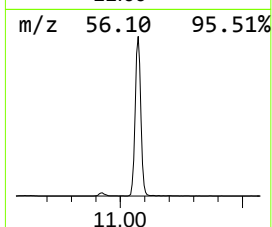
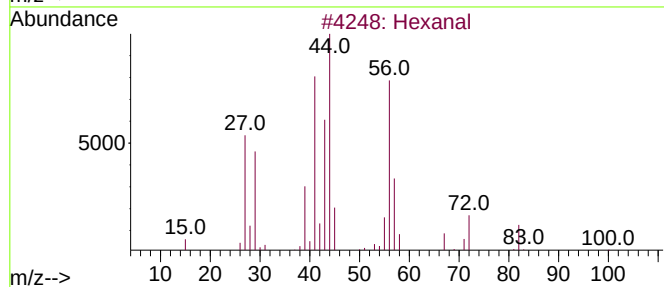
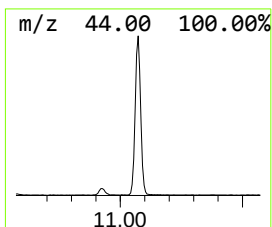
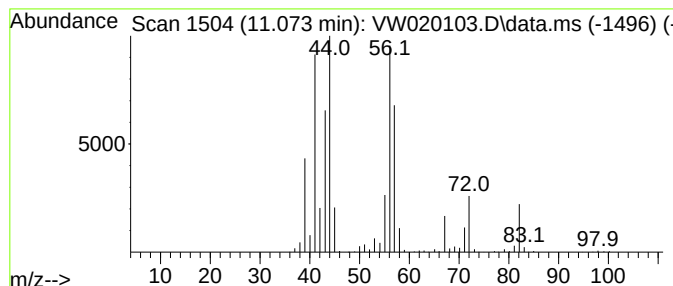
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Quant Title : SFAM01.0

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

Peak Number 6 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	18.64 ug/L	909149	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	81
2	Hexanal		100	C6H12O	000066-25-1	72
3	Hexanal		100	C6H12O	000066-25-1	64
4	Hexanal		100	C6H12O	000066-25-1	59
5	Hexanal		100	C6H12O	000066-25-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020103.D
Acq On : 21 Sep 2021 19:52
Operator : SY/VA
Sample : M3813-15
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T9

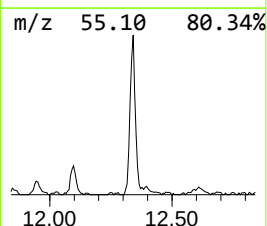
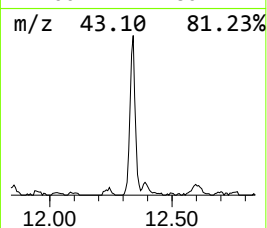
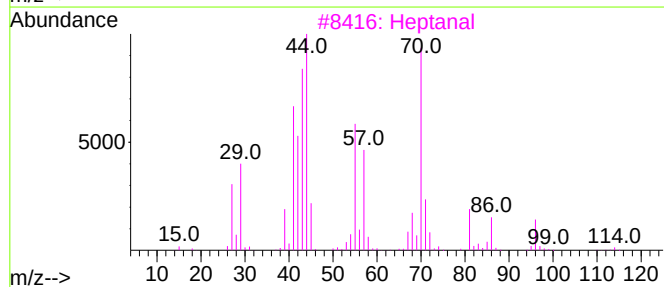
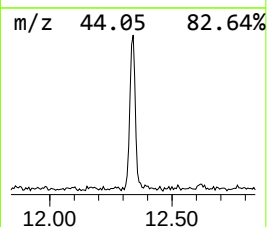
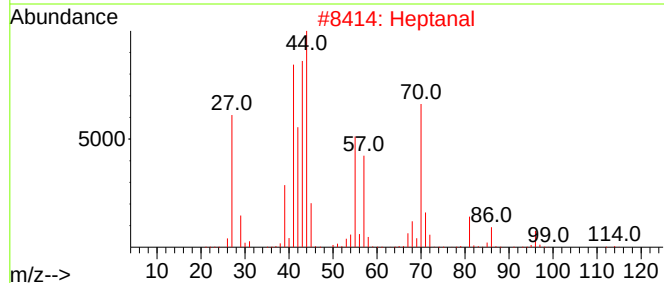
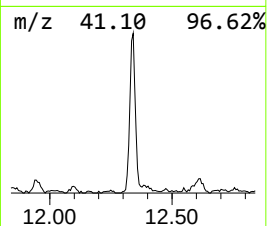
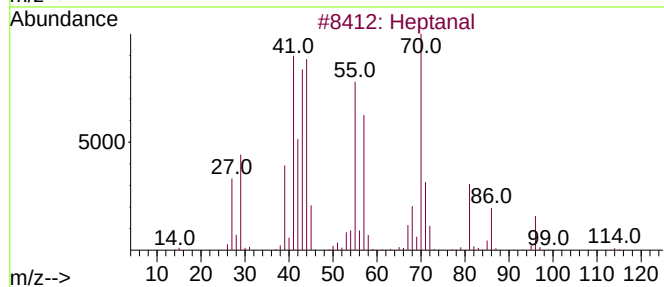
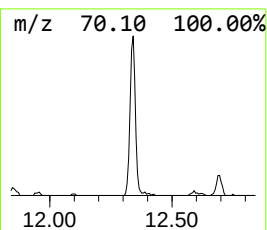
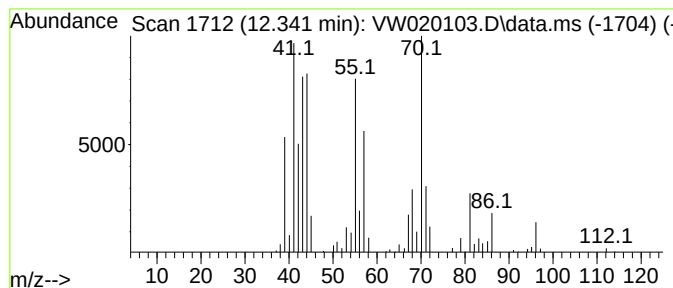
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Quant Title : SFAM01.0

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

Peak Number 7 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	2.35 ug/L	114783	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	94
2			Heptanal	114	C7H14O	000111-71-7	93
3			Heptanal	114	C7H14O	000111-71-7	86
4			Heptanal	114	C7H14O	000111-71-7	52
5			Heptanal	114	C7H14O	000111-71-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020103.D
Acq On : 21 Sep 2021 19:52
Operator : SY/VA
Sample : M3813-15
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T9

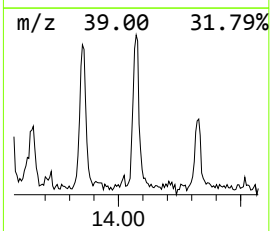
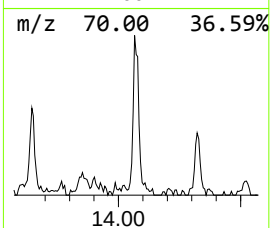
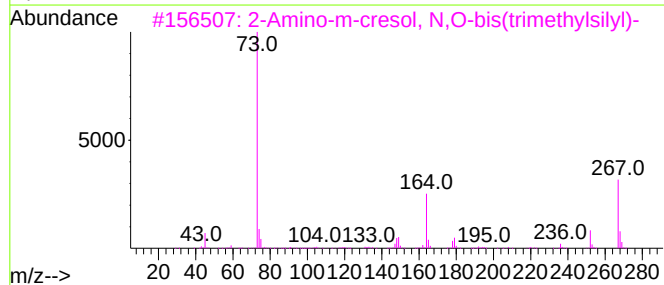
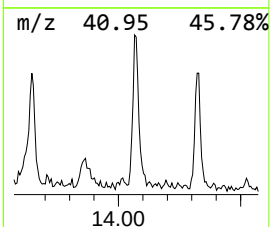
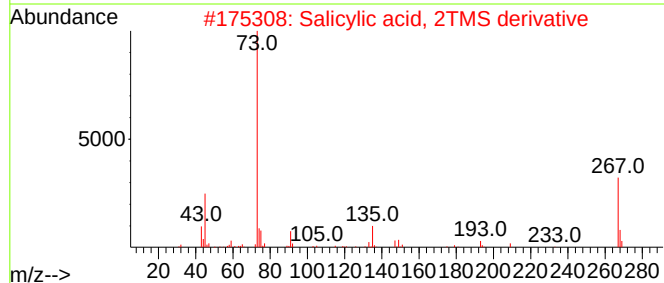
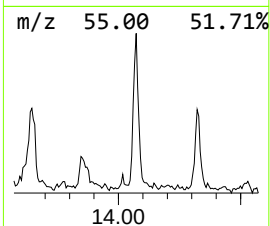
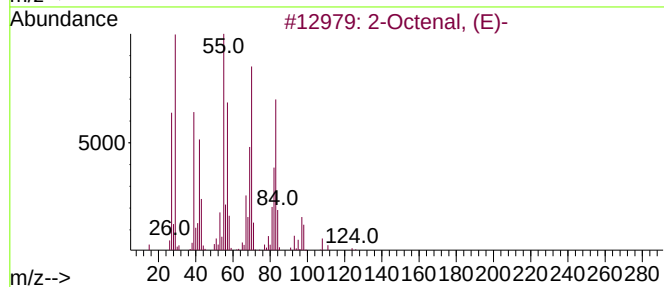
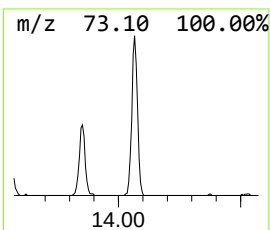
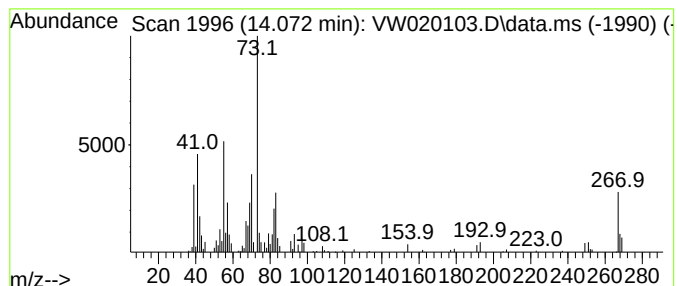
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.072	1.74 ug/L	79909	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octenal, (E)-	126	C8H14O	002548-87-0	27
2			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	27
3			2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	27
4			9-Acridinol, trimethylsilyl ether	267	C16H17NOSi	1000463-65-5	16
5			Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020103.D
Acq On : 21 Sep 2021 19:52
Operator : SY/VA
Sample : M3813-15
Misc : 5.21g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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
Sulfur dioxide	2.190	27.9	ug/L	1091750	1	8.848	978851	25.0
unknown-01	5.519	4.0	ug/L	154577	1	8.848	978851	25.0
Butanal	6.903	1.4	ug/L	56159	1	8.848	978851	25.0
Pentanal	9.408	2.7	ug/L	104192	1	8.848	978851	25.0
Hexanal	11.073	18.6	ug/L	909149	2	11.634	1219070	25.0
Heptanal	12.341	2.4	ug/L	114783	2	11.634	1219070	25.0
unknown-02	14.072	1.7	ug/L	79909	3	13.560	1145380	25.0