

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020100.D
 Acq On : 21 Sep 2021 18:40
 Operator : SY/VA
 Sample : M3813-12
 Misc : 5.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T6

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: VW020100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	45	rBV	57475	126578	14.18%	1.846%
2	3.391	239	244	252	rVB4	3284	7850	0.88%	0.114%
3	3.538	262	268	276	rBV3	1551	3850	0.43%	0.056%
4	3.641	283	285	289	rVB2	373	275	0.03%	0.004%
5	3.733	293	300	308	rVB4	1622	4376	0.49%	0.064%
6	4.019	334	347	361	rBV2	127440	362041	40.55%	5.281%
7	4.391	400	408	419	rBV3	5192	16706	1.87%	0.244%
8	5.422	576	577	580	rBV2	205	180	0.02%	0.003%
9	5.464	582	584	587	rVV2	306	257	0.03%	0.004%
10	5.501	587	590	591	rVV2	230	253	0.03%	0.004%
11	5.562	597	600	601	rVV2	247	235	0.03%	0.003%
12	5.647	611	614	616	rVV3	254	305	0.03%	0.004%
13	5.769	629	634	636	rBV2	229	295	0.03%	0.004%
14	5.800	636	639	645	rVV5	555	1098	0.12%	0.016%
15	5.946	653	663	673	rBV6	4168	12174	1.36%	0.178%
16	6.117	690	691	694	rVV2	355	308	0.03%	0.004%
17	6.171	697	700	702	rBV2	212	203	0.02%	0.003%
18	6.251	711	713	715	rBV2	205	198	0.02%	0.003%
19	6.354	727	730	731	rBV2	241	241	0.03%	0.004%
20	6.519	754	757	758	rBV	199	206	0.02%	0.003%
21	6.574	764	766	770	rBV2	167	256	0.03%	0.004%
22	6.720	786	790	791	rVV2	179	233	0.03%	0.003%
23	6.903	814	820	831	rVB5	1549	4425	0.50%	0.065%
24	7.080	840	849	869	rBV	24734	74694	8.37%	1.089%
25	7.653	932	943	955	rVV	155427	383464	42.95%	5.593%
26	7.769	957	962	964	rVB2	200	289	0.03%	0.004%
27	7.872	977	979	982	rBV2	260	347	0.04%	0.005%
28	8.037	1004	1006	1011	rVB2	164	190	0.02%	0.003%
29	8.086	1011	1014	1017	rBV2	308	260	0.03%	0.004%
30	8.281	1035	1046	1063	rBV2	305772	892752	100.00%	13.021%
31	8.567	1083	1093	1099	rBV5	953	2255	0.25%	0.033%
32	8.634	1101	1104	1105	rBV2	312	300	0.03%	0.004%
33	8.653	1105	1107	1108	rVB	345	246	0.03%	0.004%
34	8.701	1108	1115	1124	rBV4	667	1671	0.19%	0.024%
35	8.848	1129	1139	1148	rBV	298067	584266	65.45%	8.522%
36	9.049	1167	1172	1183	rVB2	3824	8016	0.90%	0.117%

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

37	9.275	1201	1209	1218	rBV	205396	418825	46.91%	6.109%
38	9.409	1225	1231	1241	rVB	15588	30376	3.40%	0.443%
39	9.531	1249	1251	1254	rVB	286	223	0.02%	0.003%
40	9.848	1300	1303	1306	rVB2	194	195	0.02%	0.003%
41	9.896	1309	1311	1316	rVB2	274	354	0.04%	0.005%
42	10.037	1326	1334	1342	rBV	107857	194723	21.81%	2.840%
43	10.238	1365	1367	1369	rBV3	208	248	0.03%	0.004%
44	10.323	1373	1381	1388	rBV	409553	720746	80.73%	10.513%
45	10.390	1388	1392	1399	rVB	11186	21187	2.37%	0.309%
46	10.439	1399	1400	1402	rBV2	283	220	0.02%	0.003%
47	10.494	1403	1409	1416	rVB	7771	13685	1.53%	0.200%
48	10.579	1416	1423	1431	rBV	75589	130610	14.63%	1.905%
49	10.707	1438	1444	1457	rVB2	23510	42901	4.81%	0.626%
50	10.927	1473	1480	1493	rBV	103894	175524	19.66%	2.560%
51	11.073	1496	1504	1513	rBV	72193	118706	13.30%	1.731%
52	11.219	1526	1528	1530	rBV2	230	246	0.03%	0.004%
53	11.286	1537	1539	1541	rVB2	409	299	0.03%	0.004%
54	11.305	1541	1542	1545	rBV2	341	359	0.04%	0.005%
55	11.378	1550	1554	1557	rBV	202	310	0.03%	0.005%
56	11.420	1560	1561	1565	rVB	239	206	0.02%	0.003%
57	11.634	1588	1596	1606	rVV	438418	736877	82.54%	10.748%
58	11.805	1619	1624	1631	rBV	8853	15832	1.77%	0.231%
59	11.908	1638	1641	1642	rVB2	288	243	0.03%	0.004%
60	11.945	1644	1647	1652	rVB4	1261	1860	0.21%	0.027%
61	12.018	1657	1659	1661	rBV2	249	231	0.03%	0.003%
62	12.042	1661	1663	1666	rBV2	183	245	0.03%	0.004%
63	12.103	1668	1673	1674	rBV3	582	751	0.08%	0.011%
64	12.231	1693	1694	1696	rBV	249	218	0.02%	0.003%
65	12.341	1705	1712	1721	rVB3	6561	11033	1.24%	0.161%
66	12.609	1744	1756	1763	rBV2	40723	69456	7.78%	1.013%
67	12.695	1763	1770	1777	rBV	169176	282150	31.60%	4.115%
68	12.756	1777	1780	1784	rVB3	1051	1504	0.17%	0.022%
69	12.792	1784	1786	1790	rVB3	518	479	0.05%	0.007%
70	12.859	1794	1797	1800	rVB2	453	515	0.06%	0.008%
71	12.902	1802	1804	1807	rBV3	314	396	0.04%	0.006%
72	12.932	1807	1809	1812	rBV4	689	696	0.08%	0.010%
73	13.036	1824	1826	1832	rVB5	1014	1558	0.17%	0.023%
74	13.097	1832	1836	1840	rBV4	718	1552	0.17%	0.023%
75	13.256	1857	1862	1863	rBV2	1032	1454	0.16%	0.021%
76	13.396	1879	1885	1892	rBV5	3388	6371	0.71%	0.093%

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 Title : SFAM01.0

77	13.560	1904	1912	1922	rBV	403776	649139	72.71%	9.468%
78	13.646	1922	1926	1933	rVB2	13106	20616	2.31%	0.301%
79	13.853	1953	1960	1968	rBV	347851	576347	64.56%	8.406%
80	13.975	1978	1980	1981	rBV	411	269	0.03%	0.004%
81	14.066	1990	1995	2004	rVB	23070	36191	4.05%	0.528%
82	14.194	2012	2016	2018	rBV5	785	988	0.11%	0.014%
83	14.322	2033	2037	2045	rBV2	4271	7063	0.79%	0.103%
84	14.499	2063	2066	2068	rBV3	443	562	0.06%	0.008%
85	14.524	2068	2070	2074	rVB5	1141	1179	0.13%	0.017%
86	14.658	2091	2092	2094	rBV	246	231	0.03%	0.003%
87	14.713	2099	2101	2102	rBV2	425	195	0.02%	0.003%
88	14.755	2106	2108	2109	rBV	564	390	0.04%	0.006%
89	14.883	2127	2129	2132	rVB3	527	394	0.04%	0.006%
90	14.944	2135	2139	2145	rVB4	891	1452	0.16%	0.021%
91	15.139	2166	2171	2172	rBV4	571	864	0.10%	0.013%
92	15.182	2175	2178	2184	rVB4	730	1111	0.12%	0.016%
93	15.487	2222	2228	2235	rBV	32346	56982	6.38%	0.831%
94	15.786	2274	2277	2278	rBV3	567	691	0.08%	0.010%
95	15.847	2283	2287	2290	rBV5	982	1514	0.17%	0.022%
96	15.956	2304	2305	2312	rVB5	957	1089	0.12%	0.016%
97	16.066	2322	2323	2325	rBV	317	203	0.02%	0.003%
98	16.200	2344	2345	2347	rBV2	254	265	0.03%	0.004%
99	16.322	2360	2365	2372	rVB4	1716	3358	0.38%	0.049%
100	16.493	2391	2393	2395	rBV2	340	289	0.03%	0.004%

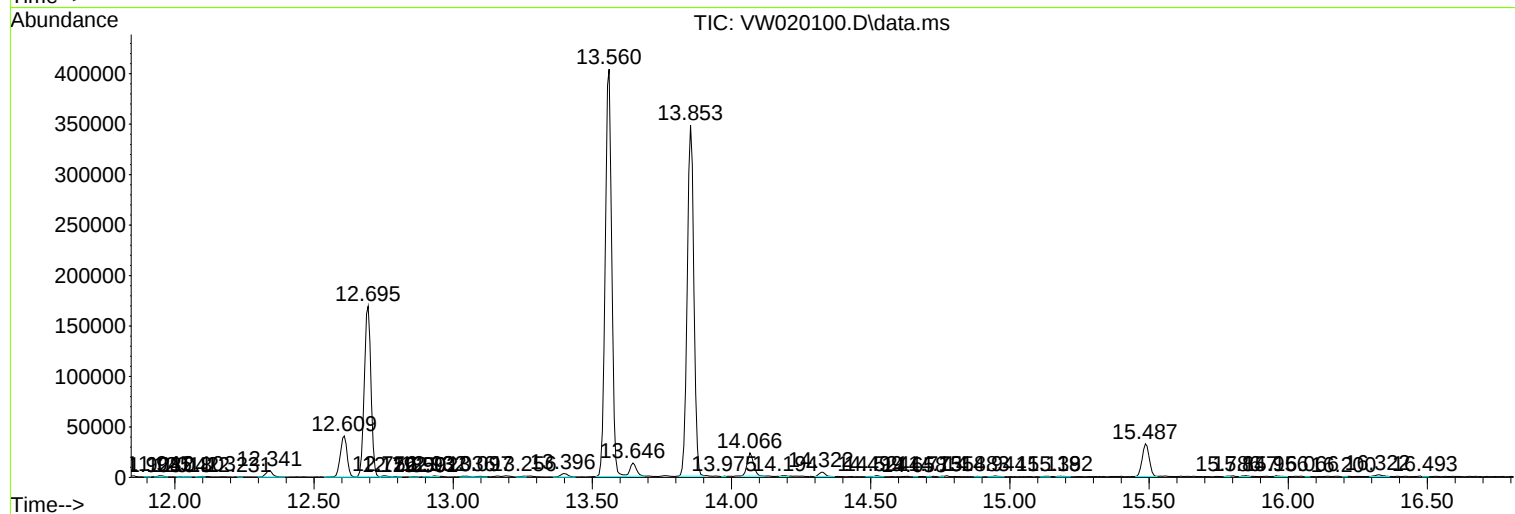
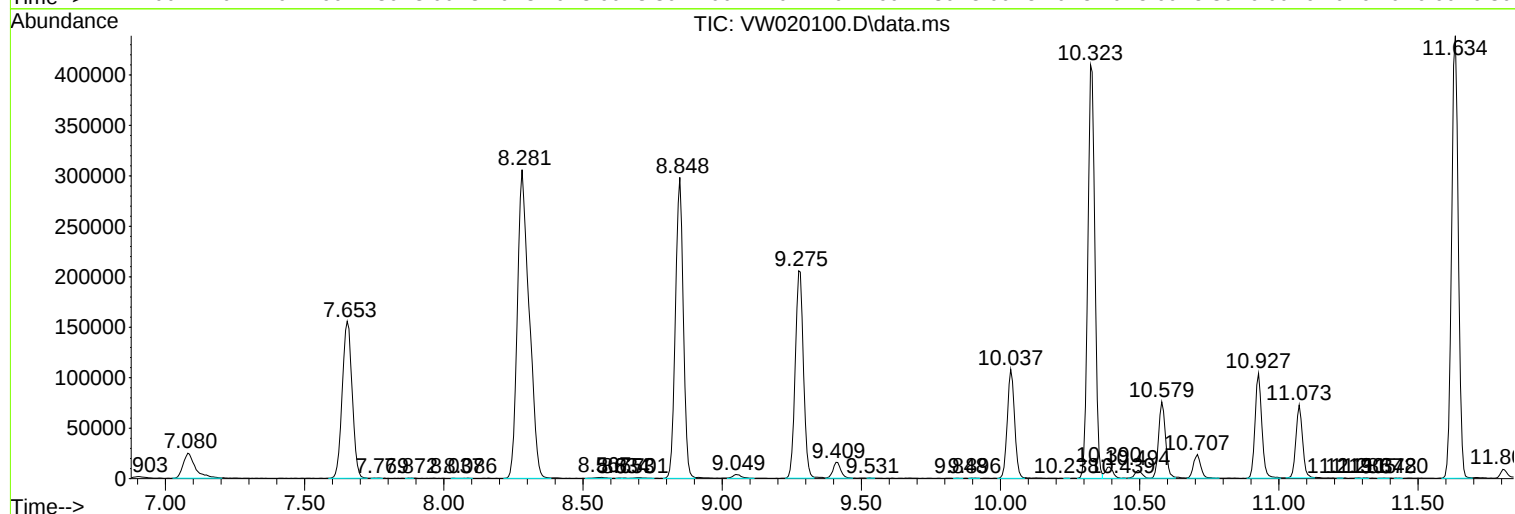
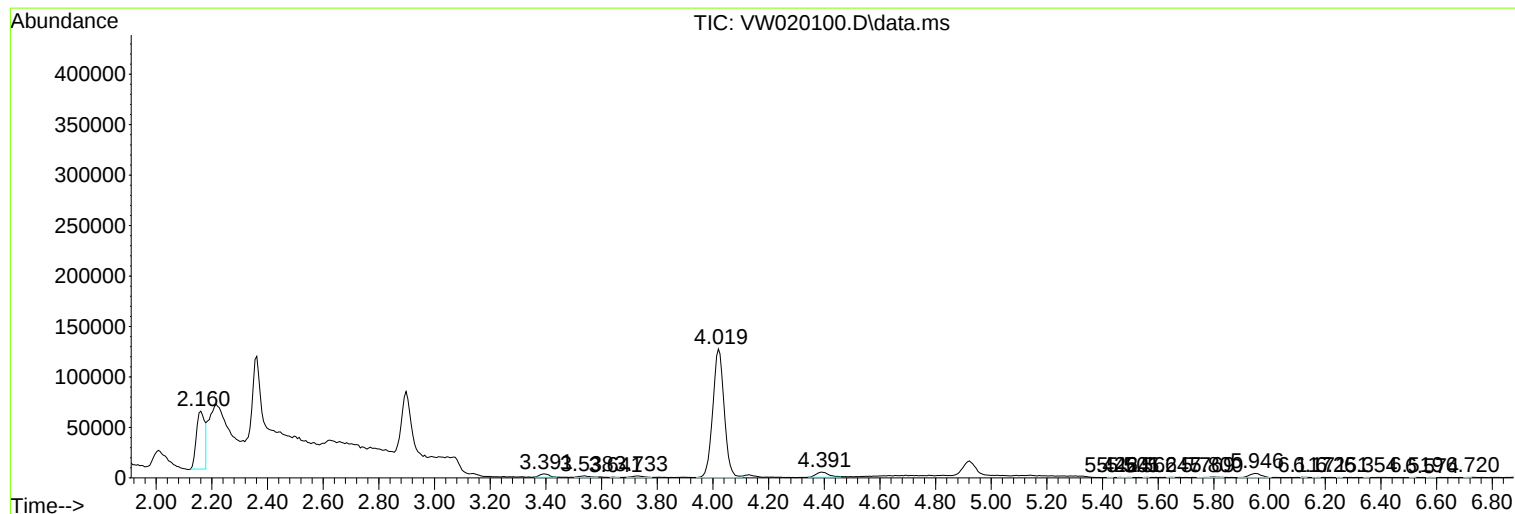
Sum of corrected areas: 6856039

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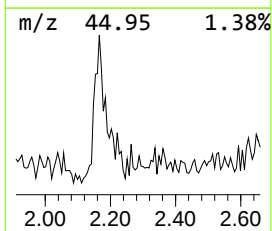
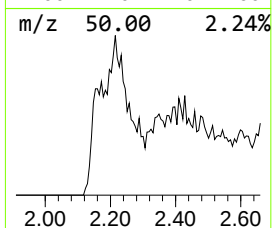
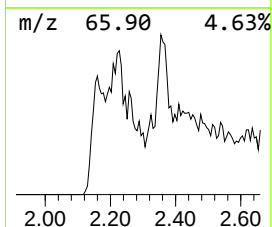
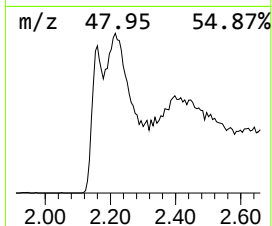
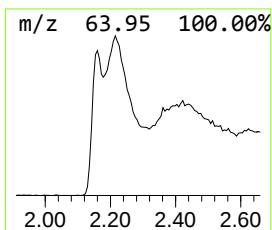
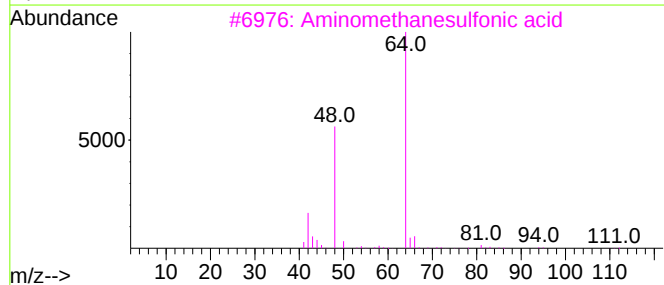
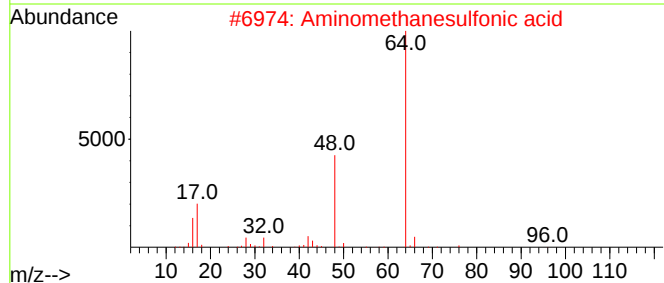
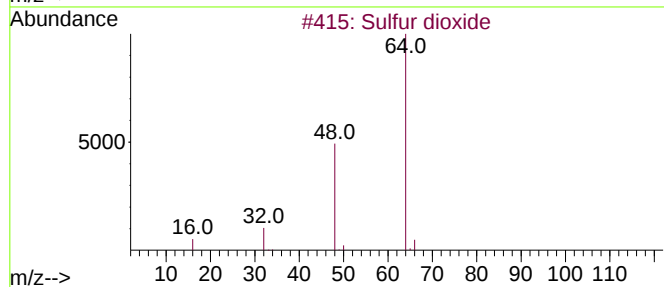
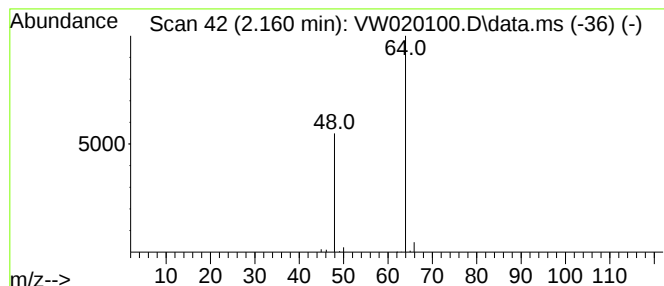
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	5.42 ug/L	126578	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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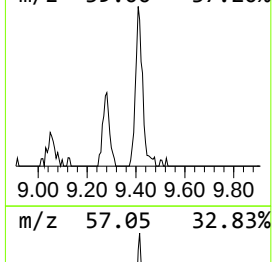
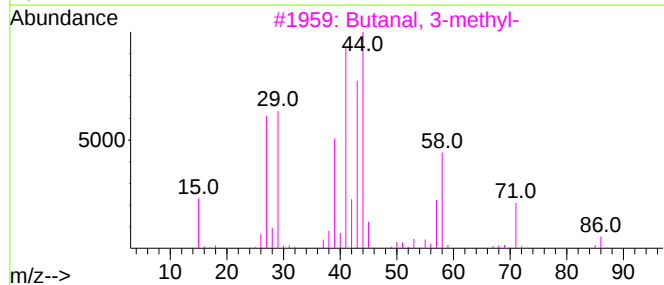
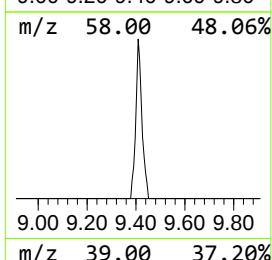
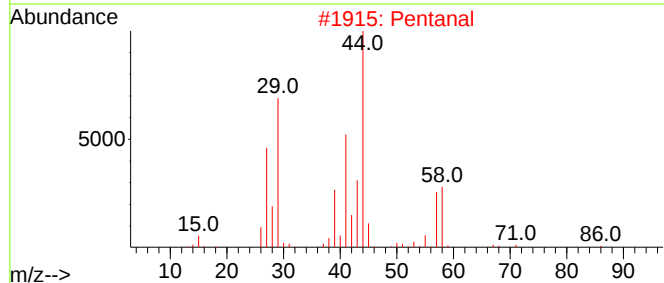
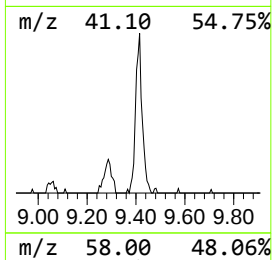
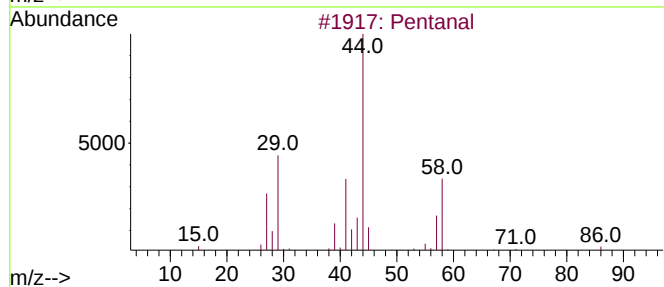
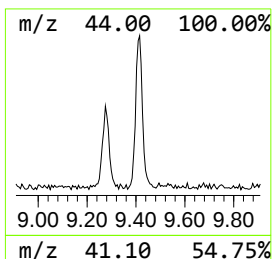
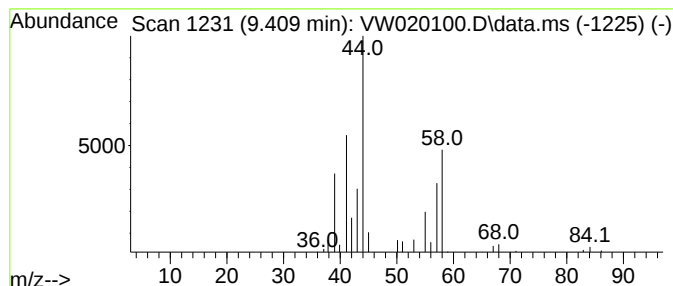
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Pentanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	1.30 ug/L	30376	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	64
2			Pentanal	86	C5H10O	000110-62-3	59
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	53
4			Pentanal	86	C5H10O	000110-62-3	50
5			Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	38



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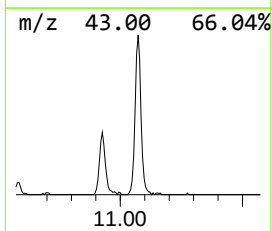
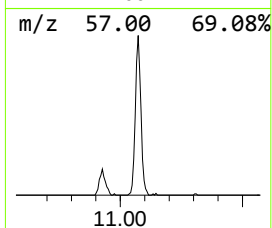
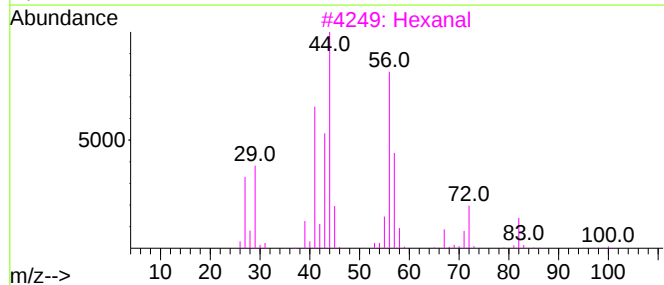
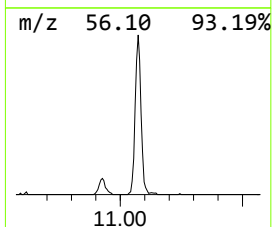
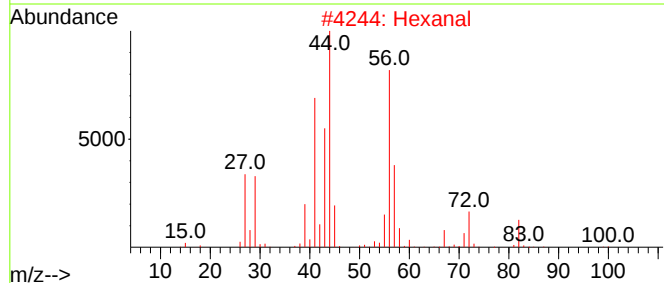
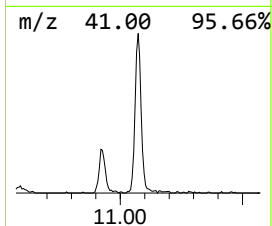
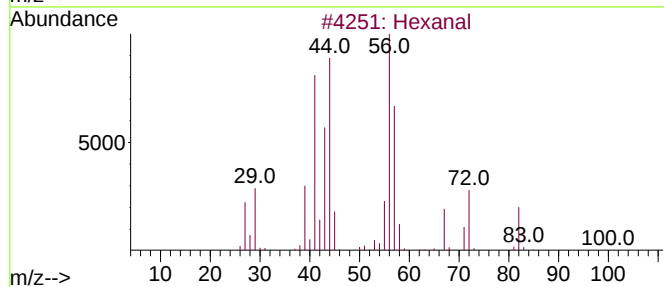
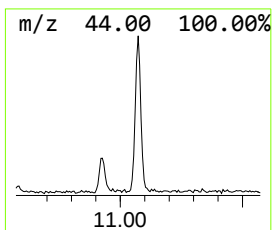
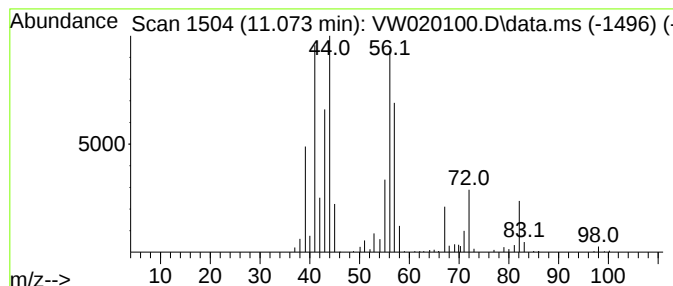
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Quant Title : SFAM01.0

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

Peak Number 5 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	4.03 ug/L	118706	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	74
3	Hexanal			100	C6H12O	000066-25-1	58
4	Hexanal			100	C6H12O	000066-25-1	58
5	Hexanal			100	C6H12O	000066-25-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020100.D
Acq On : 21 Sep 2021 18:40
Operator : SY/VA
Sample : M3813-12
Misc : 5.79g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T6

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	2.160	5.4	ug/L	126578	1	8.848	584266	25.0
Pentanal	9.409	1.3	ug/L	30376	1	8.848	584266	25.0
Hexanal	11.073	4.0	ug/L	118706	2	11.634	736877	25.0