

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029938.D
 Acq On : 16 Aug 2024 18:00
 Operator : SY/MD
 Sample : P3504-27
 Misc : 5.71g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYI6

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	41	43	45	rBV3	560	707	0.10%	0.011%
2	2.168	45	46	49	rVV3	640	652	0.09%	0.010%
3	2.216	50	54	55	rBV4	1262	1582	0.22%	0.025%
4	2.363	69	78	92	rBV	41122	107338	15.22%	1.704%
5	2.497	95	100	115	rBV	17724	47501	6.73%	0.754%
6	2.808	149	151	153	rBV2	1735	2136	0.30%	0.034%
7	2.899	158	166	180	rBV2	30481	95028	13.47%	1.509%
8	3.222	217	219	223	rVB4	515	702	0.10%	0.011%
9	3.393	238	247	258	rVB	8971	21331	3.02%	0.339%
10	3.521	266	268	270	rBV3	657	763	0.11%	0.012%
11	3.814	312	316	318	rBV4	488	639	0.09%	0.010%
12	3.899	322	330	333	rVV4	712	1442	0.20%	0.023%
13	4.021	337	350	360	rBV2	74912	239316	33.93%	3.799%
14	4.119	360	366	383	rVB	44341	127682	18.10%	2.027%
15	4.381	407	409	412	rVV4	984	1346	0.19%	0.021%
16	4.673	449	457	465	rBV3	5229	16245	2.30%	0.258%
17	4.807	474	479	483	rBV7	323	639	0.09%	0.010%
18	4.917	487	497	514	rBV3	19108	74937	10.62%	1.190%
19	5.094	523	526	530	rVB3	443	643	0.09%	0.010%
20	5.789	629	640	648	rVV4	4443	13927	1.97%	0.221%
21	5.941	656	665	675	rVV4	8211	25164	3.57%	0.399%
22	6.332	727	729	735	rBV4	539	632	0.09%	0.010%
23	6.460	748	750	755	rVB4	407	621	0.09%	0.010%
24	6.521	757	760	764	rBV3	532	961	0.14%	0.015%
25	6.618	766	776	777	rBV5	745	1830	0.26%	0.029%
26	6.899	814	822	831	rBV5	5203	15158	2.15%	0.241%
27	7.075	843	851	864	rBV	19682	64101	9.09%	1.018%
28	7.484	913	918	919	rBV3	569	773	0.11%	0.012%
29	7.539	925	927	931	rVV5	620	816	0.12%	0.013%
30	7.648	933	945	957	rBV	126877	316573	44.89%	5.025%
31	8.276	1038	1048	1065	rBV2	237005	705294	100.00%	11.196%
32	8.551	1081	1093	1105	rBV2	11728	30431	4.31%	0.483%
33	8.703	1109	1118	1128	rVV3	8552	22571	3.20%	0.358%
34	8.843	1132	1141	1154	rVV	322616	653648	92.68%	10.376%
35	8.941	1154	1157	1162	rVB4	1155	1761	0.25%	0.028%
36	9.044	1169	1174	1175	rBV3	946	1110	0.16%	0.018%

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Integrator: RTE

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 Title : SFAM01.0

37	9.063	1175	1177	1179	rVV3	702	666	0.09%	0.011%
38	9.270	1202	1211	1222	rBV	166211	346253	49.09%	5.497%
39	9.410	1227	1234	1245	rBV	32255	64908	9.20%	1.030%
40	9.538	1253	1255	1256	rBV	891	600	0.09%	0.010%
41	9.593	1261	1264	1267	rVB5	696	1032	0.15%	0.016%
42	9.630	1267	1270	1271	rBV2	595	698	0.10%	0.011%
43	9.666	1273	1276	1277	rBV3	817	703	0.10%	0.011%
44	9.886	1308	1312	1318	rBV7	1084	1975	0.28%	0.031%
45	9.983	1324	1328	1329	rBV2	838	955	0.14%	0.015%
46	10.032	1329	1336	1346	rVB2	78735	145227	20.59%	2.305%
47	10.111	1346	1349	1350	rBV3	544	683	0.10%	0.011%
48	10.325	1373	1384	1391	rBV	300471	551860	78.25%	8.760%
49	10.386	1391	1394	1401	rVB	7462	13558	1.92%	0.215%
50	10.508	1409	1414	1418	rBV4	2242	4017	0.57%	0.064%
51	10.575	1418	1425	1439	rVV	48251	91684	13.00%	1.455%
52	10.697	1441	1445	1450	rVV2	3587	6515	0.92%	0.103%
53	10.739	1450	1452	1459	rVB6	1327	2507	0.36%	0.040%
54	10.837	1465	1468	1469	rBV2	847	869	0.12%	0.014%
55	10.922	1474	1482	1495	rBV	76970	139405	19.77%	2.213%
56	11.069	1499	1506	1519	rBV	270694	440146	62.41%	6.987%
57	11.270	1538	1539	1544	rVB4	719	648	0.09%	0.010%
58	11.404	1558	1561	1565	rVB4	1109	1705	0.24%	0.027%
59	11.556	1584	1586	1590	rBV4	945	1385	0.20%	0.022%
60	11.629	1590	1598	1611	rBV	419078	703536	99.75%	11.168%
61	11.837	1625	1632	1642	rVV	19859	41286	5.85%	0.655%
62	11.940	1647	1649	1656	rVB6	1833	3706	0.53%	0.059%
63	12.013	1656	1661	1667	rBV2	5410	9228	1.31%	0.146%
64	12.337	1708	1714	1723	rBV2	12906	23925	3.39%	0.380%
65	12.465	1728	1735	1740	rBV3	3999	7938	1.13%	0.126%
66	12.513	1740	1743	1747	rVB4	2022	2931	0.42%	0.047%
67	12.605	1751	1758	1762	rBV3	6662	11767	1.67%	0.187%
68	12.690	1764	1772	1786	rVB	118866	206764	29.32%	3.282%
69	12.885	1801	1804	1805	rBV3	644	740	0.10%	0.012%
70	12.928	1809	1811	1821	rVB5	2273	4598	0.65%	0.073%
71	13.038	1824	1829	1832	rBV5	2298	3644	0.52%	0.058%
72	13.093	1832	1838	1844	rBV8	2469	5789	0.82%	0.092%
73	13.147	1844	1847	1852	rVB4	2410	4089	0.58%	0.065%
74	13.208	1852	1857	1863	rBV6	2500	4813	0.68%	0.076%
75	13.269	1863	1867	1876	rVB7	3423	8566	1.21%	0.136%
76	13.349	1876	1880	1881	rBV3	494	621	0.09%	0.010%

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 Title : SFAM01.0

77	13.391	1881	1887	1893	rBV3	8858	15223	2.16%	0.242%
78	13.471	1893	1900	1901	rBV2	8183	14194	2.01%	0.225%
79	13.489	1901	1903	1908	rVV	10388	15192	2.15%	0.241%
80	13.556	1908	1914	1926	rVB	290687	458782	65.05%	7.283%
81	13.696	1935	1937	1942	rVB6	639	912	0.13%	0.014%
82	13.751	1942	1946	1948	rBV4	580	813	0.12%	0.013%
83	13.849	1955	1962	1969	rBV2	173397	286280	40.59%	4.545%
84	13.989	1983	1985	1986	rBV	1086	877	0.12%	0.014%
85	14.013	1987	1989	1993	rVV4	1625	1717	0.24%	0.027%
86	14.068	1993	1998	2007	rVV3	7956	15718	2.23%	0.250%
87	14.196	2016	2019	2024	rVB4	1641	1917	0.27%	0.030%
88	14.318	2034	2039	2045	rBV7	6335	10778	1.53%	0.171%
89	14.611	2083	2087	2092	rVB6	836	1157	0.16%	0.018%
90	14.684	2095	2099	2103	rVV6	1737	3257	0.46%	0.052%
91	14.720	2103	2105	2107	rVB2	1123	905	0.13%	0.014%
92	14.891	2130	2133	2135	rVB4	605	631	0.09%	0.010%
93	14.946	2138	2142	2146	rBV4	1273	1724	0.24%	0.027%
94	15.184	2173	2181	2187	rBV10	1413	4449	0.63%	0.071%
95	15.293	2196	2199	2205	rVB5	1409	1965	0.28%	0.031%
96	15.757	2272	2275	2278	rVB3	563	712	0.10%	0.011%
97	15.842	2285	2289	2296	rVB6	1171	2375	0.34%	0.038%
98	16.037	2318	2321	2323	rBV3	643	611	0.09%	0.010%
99	16.226	2350	2352	2357	rVB3	359	613	0.09%	0.010%
100	16.555	2400	2406	2408	rVB4	582	736	0.10%	0.012%

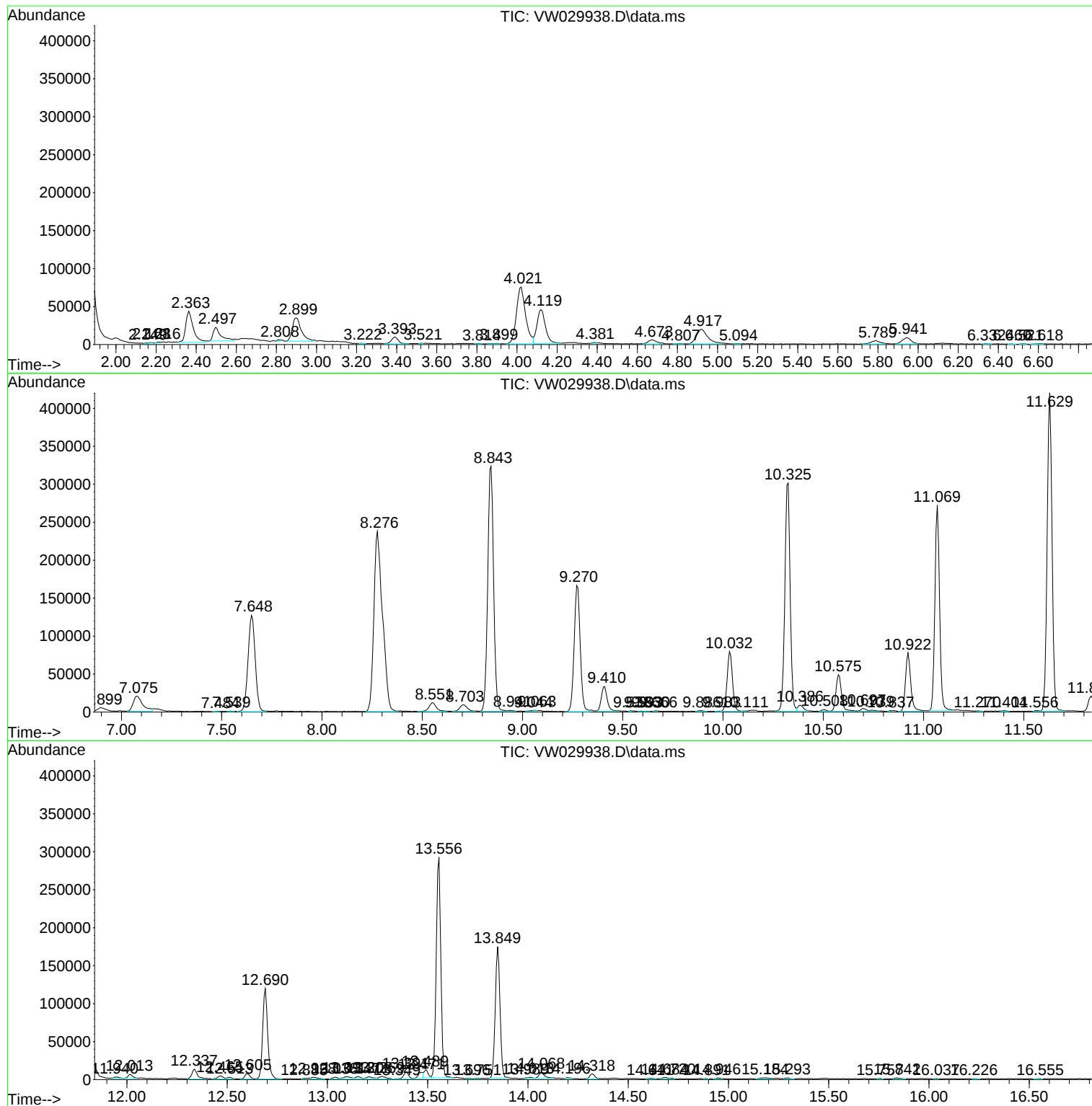
Sum of corrected areas: 6299478

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
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Instrument :
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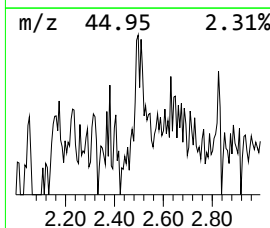
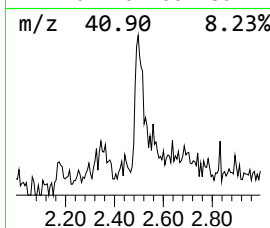
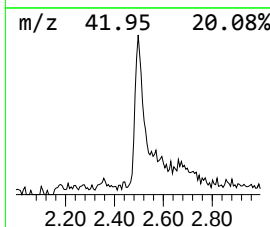
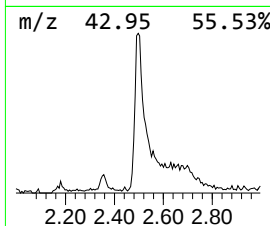
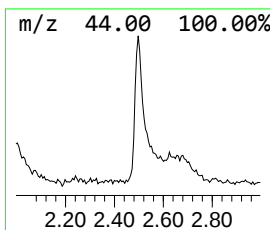
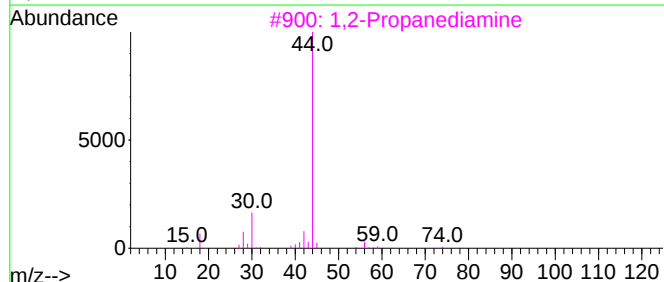
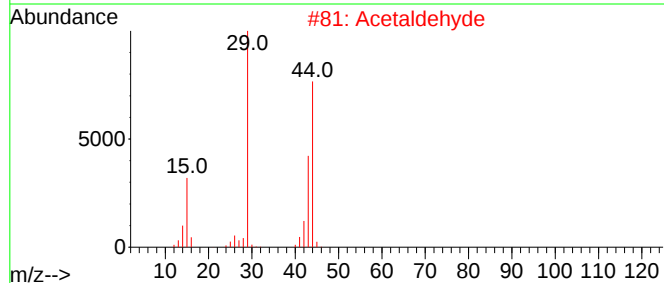
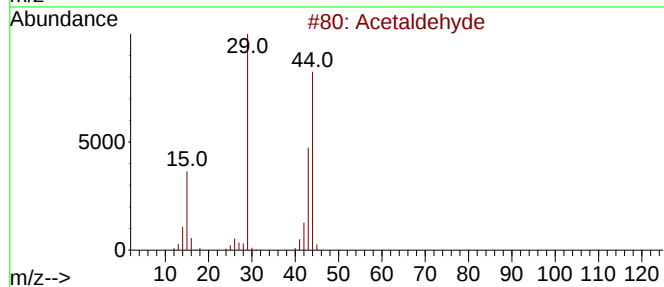
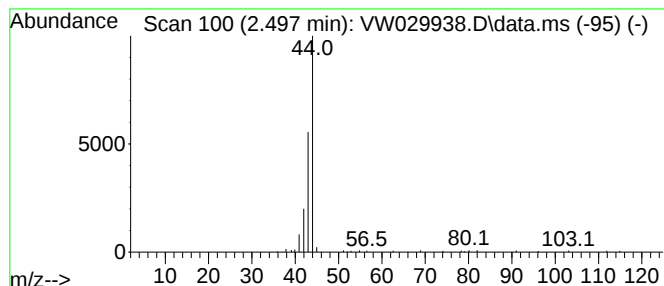
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.497	1.82 ug/L	47501	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	9
2			Acetaldehyde	44	C2H4O	000075-07-0	9
3			1,2-Propanediamine	74	C3H10N2	000078-90-0	7
4			L-Alanine, methyl ester	103	C4H9NO2	010065-72-2	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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Instrument :
MSVOA_W
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DCY16

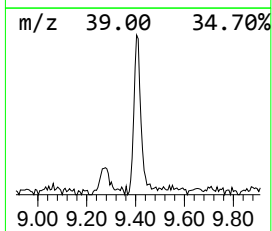
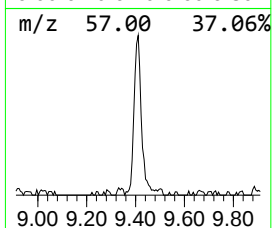
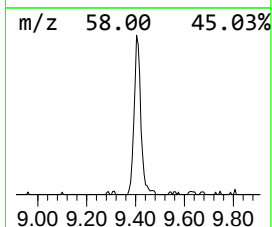
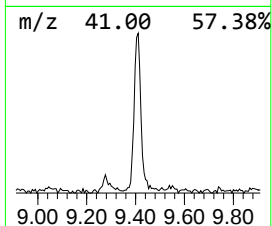
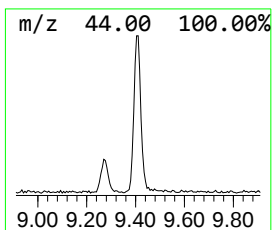
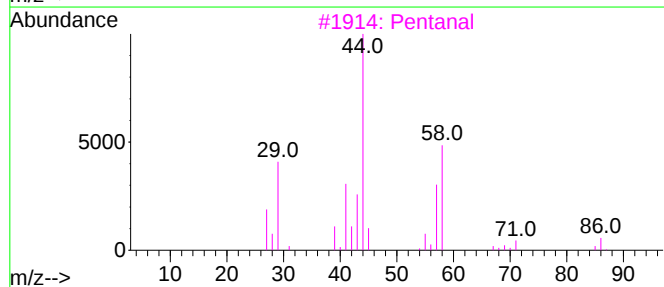
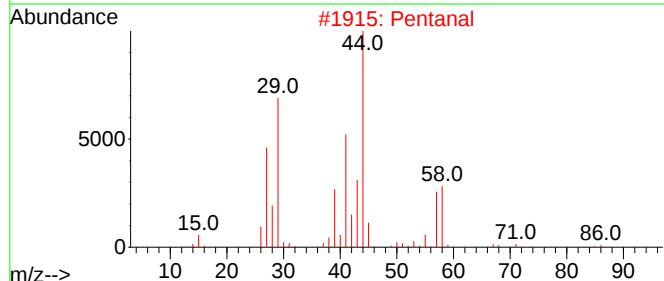
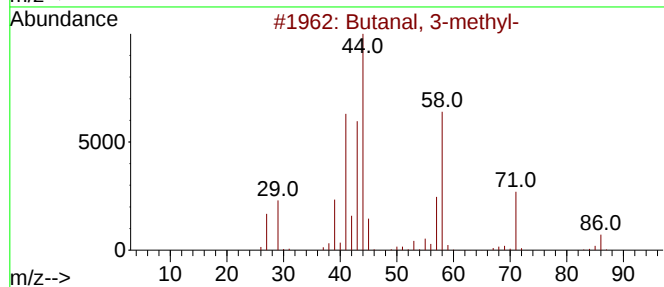
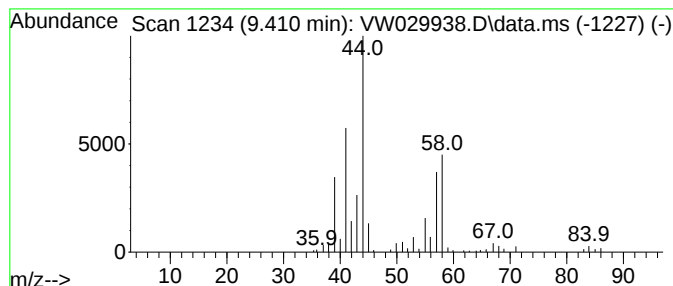
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	2.48 ug/L	64908	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	78
2			Pentanal	86	C5H10O	000110-62-3	64
3			Pentanal	86	C5H10O	000110-62-3	64
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
5			Pentanal	86	C5H10O	000110-62-3	56



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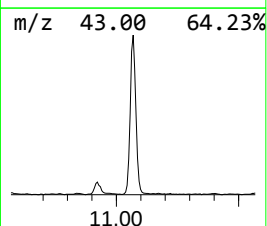
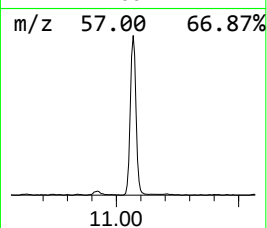
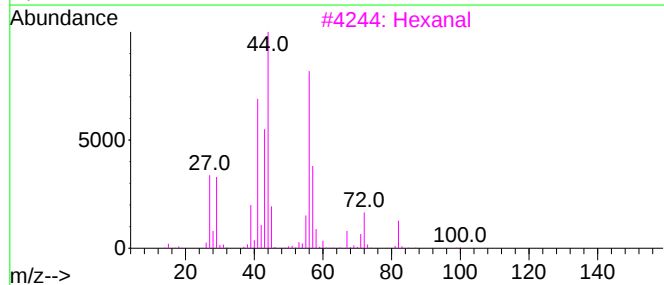
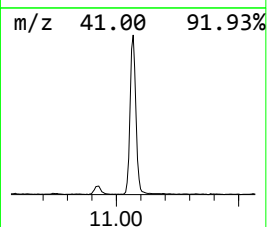
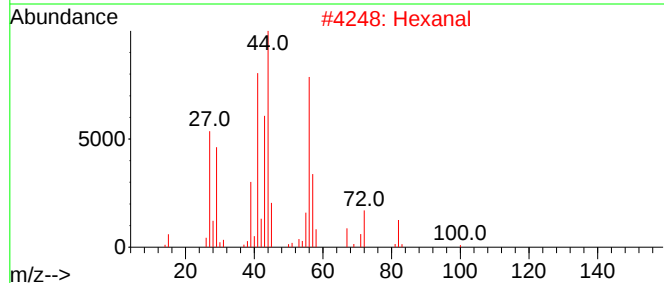
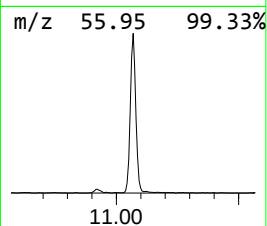
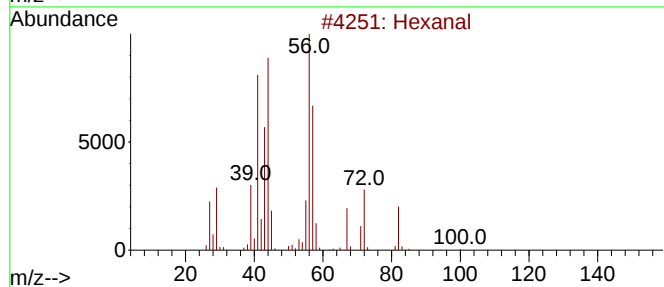
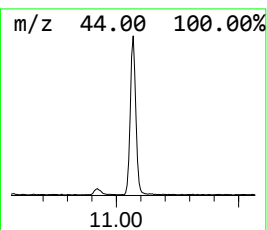
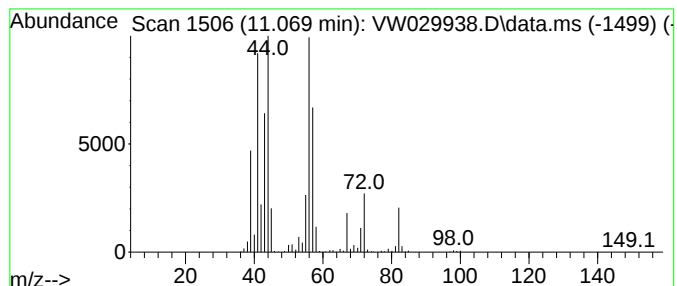
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	15.64 ug/L	440146	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
Data File : VW029938.D
Acq On : 16 Aug 2024 18:00
Operator : SY/MD
Sample : P3504-27
Misc : 5.71g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY16

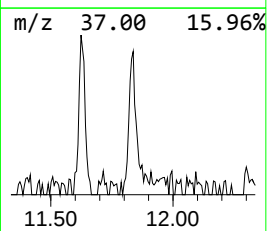
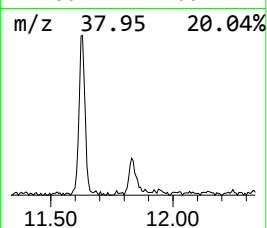
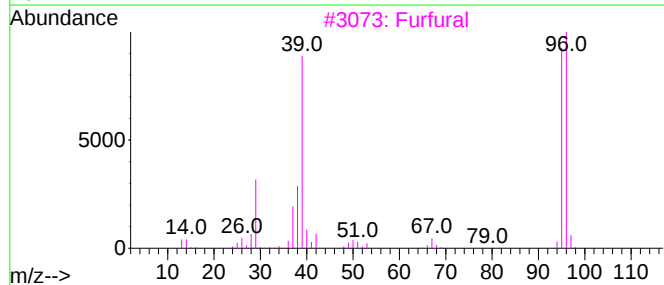
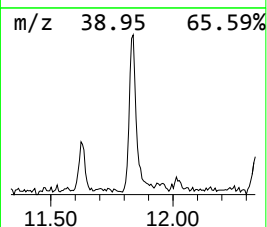
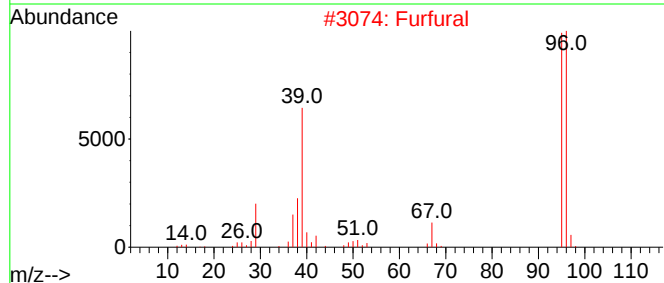
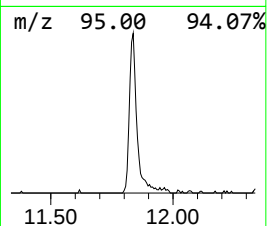
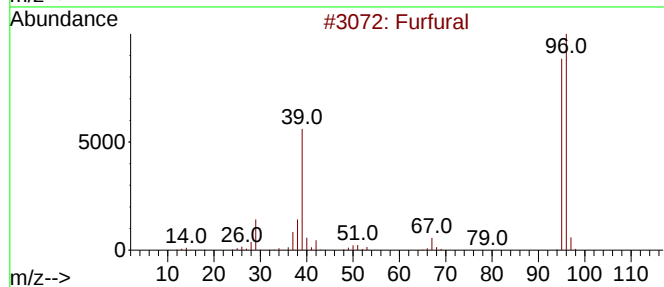
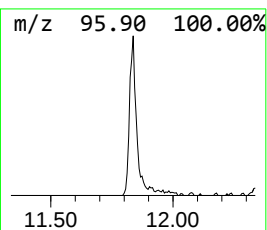
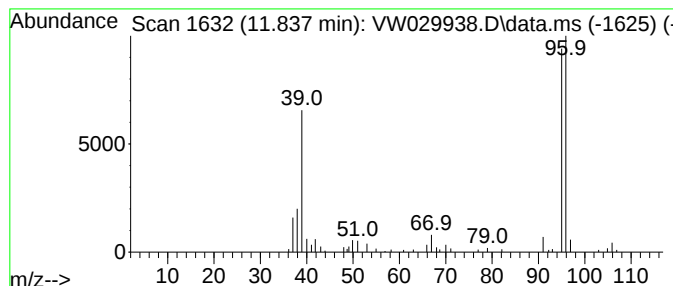
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Quant Title : SFAM01.0

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

Peak Number 5 Furfural Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	1.47 ug/L	41286	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	91
2	Furfural			96	C5H4O2	000098-01-1	91
3	Furfural			96	C5H4O2	000098-01-1	91
4	Furfural			96	C5H4O2	000098-01-1	91
5	1H-Imidazole, 1,4-dimethyl-			96	C5H8N2	006338-45-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
Data File : VW029938.D
Acq On : 16 Aug 2024 18:00
Operator : SY/MD
Sample : P3504-27
Misc : 5.71g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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
unknown-01	2.497	1.8	ug/L	47501	1	8.837	653648	25.0
Butanal, 3-methyl-	9.410	2.5	ug/L	64908	1	8.837	653648	25.0
Hexanal	11.069	15.6	ug/L	440146	2	11.629	703536	25.0
Furfural	11.837	1.5	ug/L	41286	2	11.629	703536	25.0