

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020631.D
 Acq On : 20 Oct 2021 01:38
 Operator : SY/VA
 Sample : M4263-14
 Misc : 5.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7F9

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\SFAMWLM100821SMA.M
 Title : SFAM01.0

Signal : TIC: VW020631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	66	72	82	rVB	72546	113212	12.04%	1.696%
2	2.489	91	96	108	rVB	29646	54586	5.81%	0.818%
3	2.806	144	148	152	rBV2	755	1109	0.12%	0.017%
4	2.873	152	159	169	rVB	27976	59414	6.32%	0.890%
5	3.202	211	213	214	rBV2	430	335	0.04%	0.005%
6	3.276	223	225	227	rBV2	467	462	0.05%	0.007%
7	3.373	235	241	249	rVB2	5710	14198	1.51%	0.213%
8	3.544	264	269	278	rVB5	1043	2949	0.31%	0.044%
9	3.715	291	297	302	rBV2	584	1138	0.12%	0.017%
10	3.885	322	325	327	rBV2	240	331	0.04%	0.005%
11	4.007	334	345	357	rBV2	100078	306359	32.59%	4.591%
12	4.123	357	364	375	rVB	18210	49614	5.28%	0.743%
13	4.373	396	405	421	rVB2	2591	8301	0.88%	0.124%
14	4.684	449	456	462	rBV3	751	1768	0.19%	0.026%
15	4.909	483	493	504	rBV2	3853	13074	1.39%	0.196%
16	5.001	506	508	511	rVV2	208	225	0.02%	0.003%
17	5.787	627	637	647	rBV4	3115	9665	1.03%	0.145%
18	5.928	653	660	669	rBV5	1781	4929	0.52%	0.074%
19	6.117	683	691	702	rVB4	1210	3729	0.40%	0.056%
20	6.897	810	819	831	rBV3	7229	21150	2.25%	0.317%
21	7.080	840	849	859	rBV	26383	74148	7.89%	1.111%
22	7.183	861	866	875	rVB	2783	6846	0.73%	0.103%
23	7.647	932	942	957	rBV	156389	387060	41.18%	5.800%
24	7.927	984	988	990	rBV2	236	329	0.03%	0.005%
25	8.275	1035	1045	1059	rBV2	315596	940005	100.00%	14.085%
26	8.549	1085	1090	1107	rVB2	13767	39158	4.17%	0.587%
27	8.708	1109	1116	1125	rVB3	6371	16124	1.72%	0.242%
28	8.842	1129	1138	1150	rBV	298156	574983	61.17%	8.616%
29	9.049	1166	1172	1175	rBV5	962	1883	0.20%	0.028%
30	9.153	1186	1189	1190	rBV3	433	539	0.06%	0.008%
31	9.274	1199	1209	1218	rBV	229162	454292	48.33%	6.807%
32	9.409	1224	1231	1244	rVB	34931	67846	7.22%	1.017%
33	9.506	1244	1247	1251	rBV3	334	518	0.06%	0.008%
34	9.659	1269	1272	1276	rVB2	504	531	0.06%	0.008%
35	9.921	1310	1315	1319	rVV2	691	1281	0.14%	0.019%
36	10.037	1326	1334	1344	rBV	108393	199184	21.19%	2.985%

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37	10.110	1344	1346	1347	rVV2	279	235	0.02%	0.004%
38	10.128	1347	1349	1353	rVB2	521	403	0.04%	0.006%
39	10.323	1372	1381	1388	rBV	429579	738082	78.52%	11.060%
40	10.390	1388	1392	1403	rVB	14997	27115	2.88%	0.406%
41	10.506	1403	1411	1416	rVB	2003	3189	0.34%	0.048%
42	10.579	1416	1423	1429	rBV	72110	124377	13.23%	1.864%
43	10.634	1429	1432	1437	rVV4	3571	5954	0.63%	0.089%
44	10.707	1437	1444	1451	rVB	7109	12219	1.30%	0.183%
45	10.927	1473	1480	1495	rBV	107279	185161	19.70%	2.774%
46	11.067	1495	1503	1518	rBV	235381	392580	41.76%	5.882%
47	11.335	1545	1547	1551	rVB3	211	215	0.02%	0.003%
48	11.414	1556	1560	1568	rVB2	1509	2599	0.28%	0.039%
49	11.567	1579	1585	1588	rBV4	842	1684	0.18%	0.025%
50	11.628	1588	1595	1605	rVV	353674	592181	63.00%	8.873%
51	11.737	1605	1613	1618	rVB5	1603	3836	0.41%	0.057%
52	11.798	1618	1623	1624	rBV2	255	362	0.04%	0.005%
53	11.835	1624	1629	1639	rBV2	8403	17230	1.83%	0.258%
54	11.945	1641	1647	1653	rVB2	7911	13808	1.47%	0.207%
55	12.048	1663	1664	1668	rVB2	227	192	0.02%	0.003%
56	12.091	1668	1671	1678	rBV3	478	793	0.08%	0.012%
57	12.158	1678	1682	1687	rBV4	433	748	0.08%	0.011%
58	12.237	1692	1695	1701	rVB3	637	1101	0.12%	0.016%
59	12.335	1706	1711	1723	rBV	29491	48149	5.12%	0.721%
60	12.512	1736	1740	1743	rVB	248	244	0.03%	0.004%
61	12.603	1747	1755	1761	rBV	12011	21417	2.28%	0.321%
62	12.689	1763	1769	1776	rVV	135987	226849	24.13%	3.399%
63	12.762	1776	1781	1783	rVB5	593	929	0.10%	0.014%
64	12.865	1795	1798	1800	rVV2	213	262	0.03%	0.004%
65	12.932	1800	1809	1817	rVV4	3415	8030	0.85%	0.120%
66	13.048	1822	1828	1832	rBV4	4881	7918	0.84%	0.119%
67	13.097	1832	1836	1840	rVV3	3207	4210	0.45%	0.063%
68	13.207	1848	1854	1858	rVB5	769	1281	0.14%	0.019%
69	13.268	1858	1864	1876	rVB4	5289	12626	1.34%	0.189%
70	13.396	1878	1885	1894	rBV2	25449	41486	4.41%	0.622%
71	13.469	1894	1897	1905	rBV5	1378	2630	0.28%	0.039%
72	13.554	1905	1911	1921	rBV	213653	343023	36.49%	5.140%
73	13.646	1922	1926	1932	rVB	9083	13787	1.47%	0.207%
74	13.755	1940	1944	1946	rBV2	667	884	0.09%	0.013%
75	13.853	1953	1960	1970	rBV	181705	299427	31.85%	4.487%
76	14.018	1982	1987	1991	rVV3	2615	4250	0.45%	0.064%

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77	14.066	1991	1995	2004	rVB3	7512	13411	1.43%	0.201%
78	14.219	2018	2020	2023	rVB2	479	435	0.05%	0.007%
79	14.322	2026	2037	2045	rBV2	20926	33575	3.57%	0.503%
80	14.487	2060	2064	2066	rBV3	458	491	0.05%	0.007%
81	14.524	2067	2070	2073	rVB2	728	753	0.08%	0.011%
82	14.615	2082	2085	2090	rBV3	652	1095	0.12%	0.016%
83	14.652	2090	2091	2094	rVB3	372	335	0.04%	0.005%
84	14.713	2100	2101	2105	rVB2	420	403	0.04%	0.006%
85	14.792	2112	2114	2117	rBV3	300	413	0.04%	0.006%
86	14.883	2123	2129	2132	rBV5	1290	2091	0.22%	0.031%
87	14.944	2135	2139	2144	rBV	2276	3809	0.41%	0.057%
88	15.017	2146	2151	2156	rVV2	4519	7232	0.77%	0.108%
89	15.078	2156	2161	2166	rVB3	525	1108	0.12%	0.017%
90	15.176	2170	2177	2182	rBV3	3798	6341	0.67%	0.095%
91	15.389	2208	2212	2216	rVB3	954	1363	0.14%	0.020%
92	15.487	2223	2228	2231	rBV2	558	912	0.10%	0.014%
93	15.755	2269	2272	2277	rVB4	527	1044	0.11%	0.016%
94	15.846	2282	2287	2292	rVB5	1357	2008	0.21%	0.030%
95	15.956	2301	2305	2311	rBV4	1373	2511	0.27%	0.038%
96	16.096	2324	2328	2330	rVB3	550	635	0.07%	0.010%
97	16.170	2334	2340	2341	rBV3	203	246	0.03%	0.004%
98	16.292	2356	2360	2363	rBV2	162	243	0.03%	0.004%
99	16.426	2379	2382	2384	rBV2	201	267	0.03%	0.004%
100	16.602	2409	2411	2412	rBV2	274	245	0.03%	0.004%

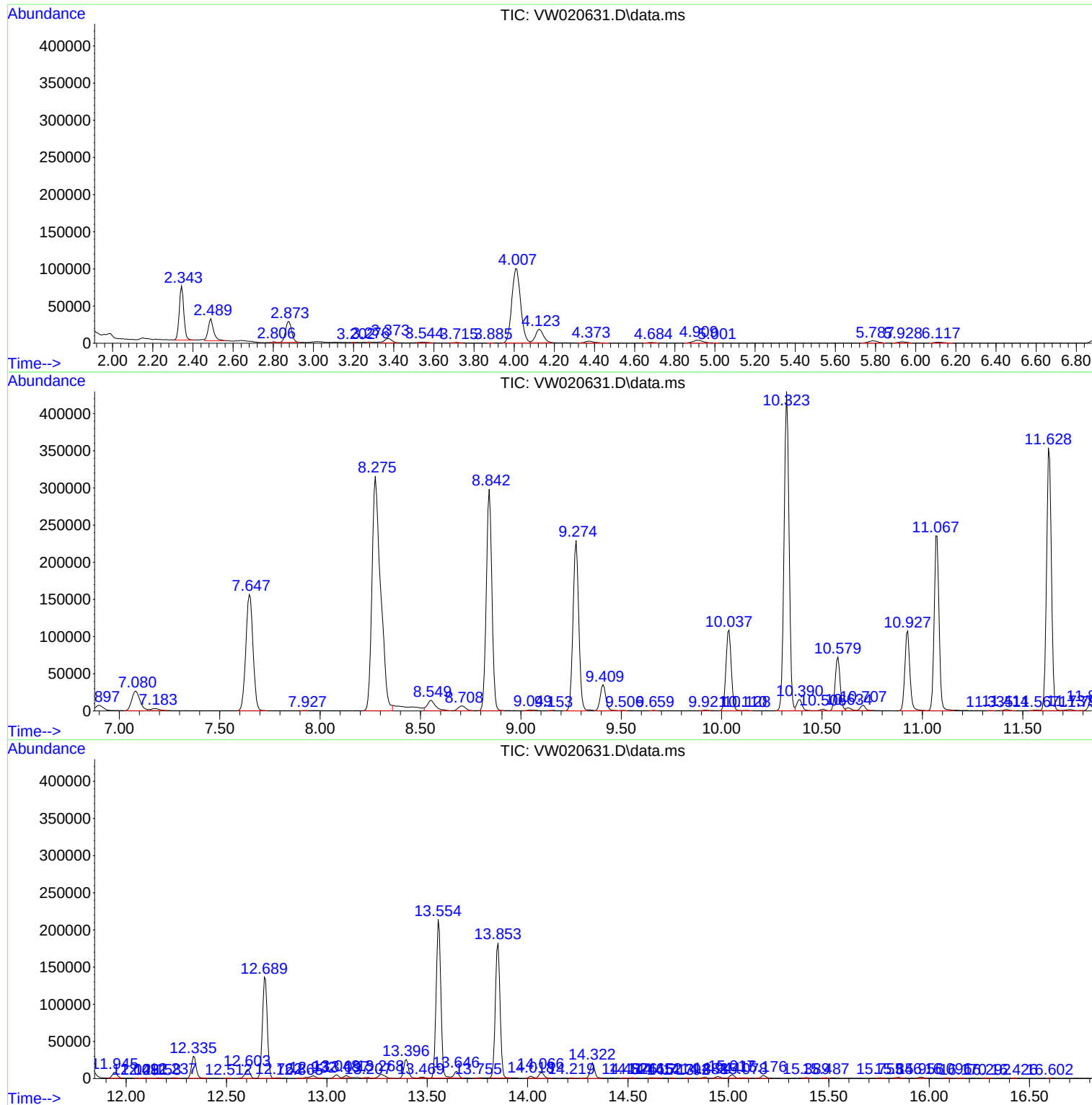
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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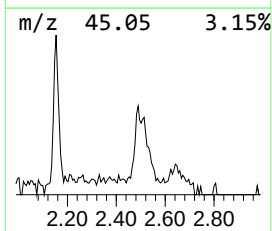
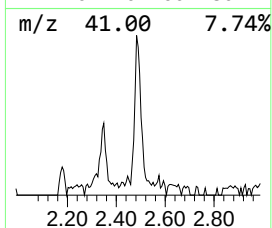
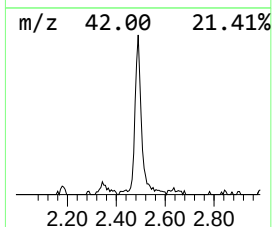
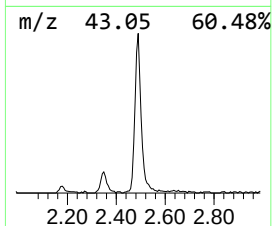
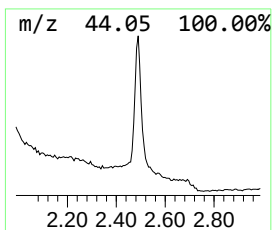
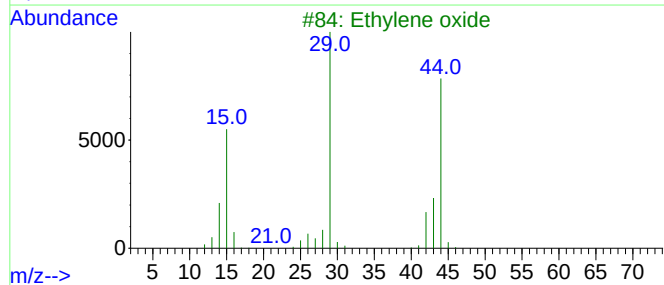
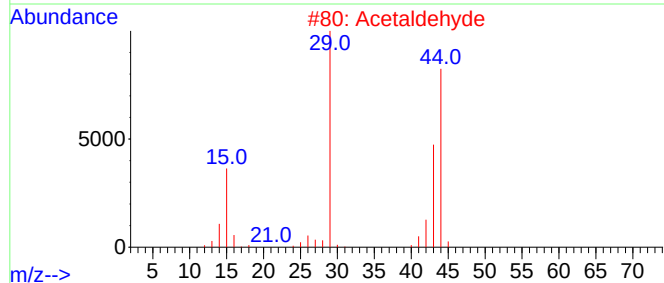
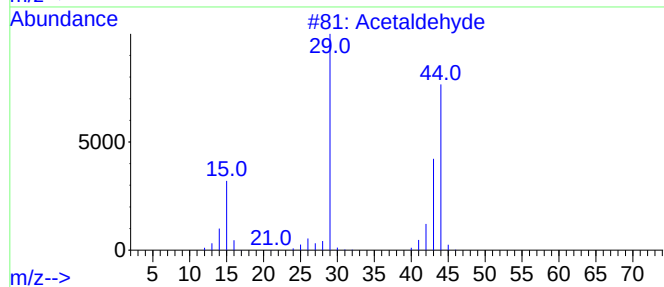
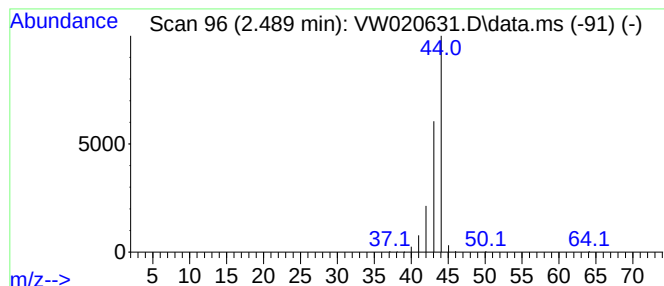
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	2.37 ug/L	54586	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	64
2			Acetaldehyde	44	C2H4O	000075-07-0	64
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Propane	44	C3H8	000074-98-6	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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Instrument :
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ClientSampleId :
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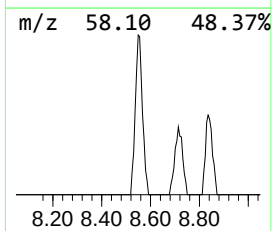
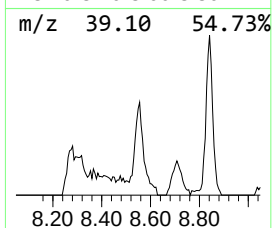
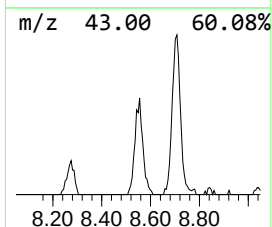
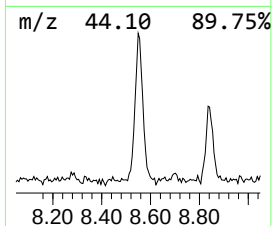
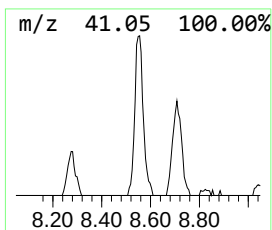
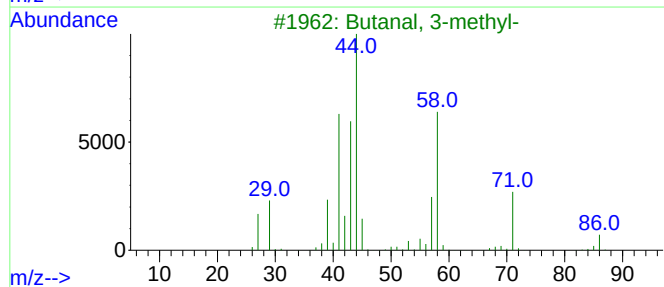
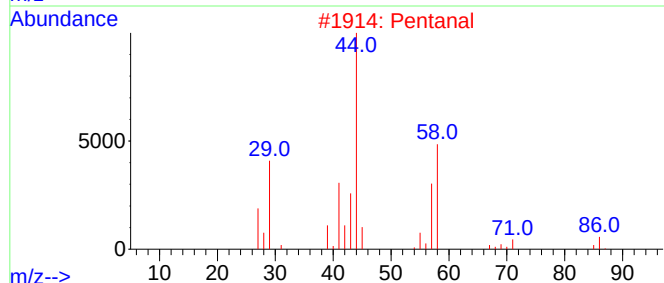
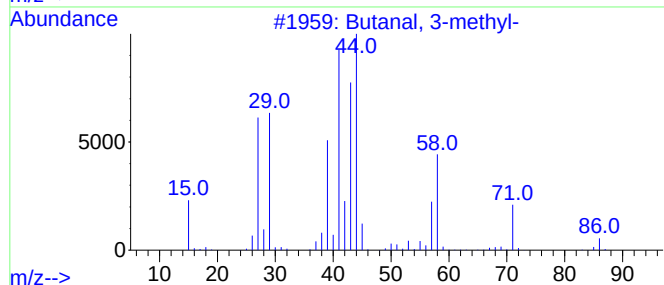
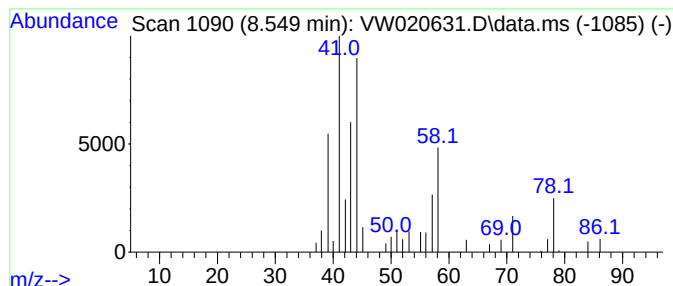
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Butanal, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.549	1.70 ug/L	39158	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	81
2			Pentanal	86	C5H10O	000110-62-3	49
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	47
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	47
5			Ethanol, 2-(2-propenyloxy)-	102	C5H10O2	000111-45-5	32



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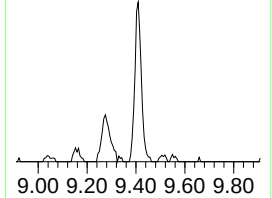
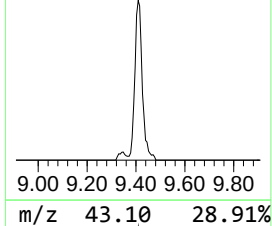
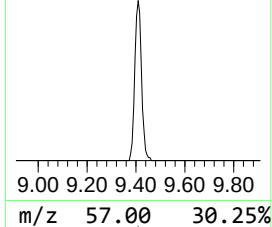
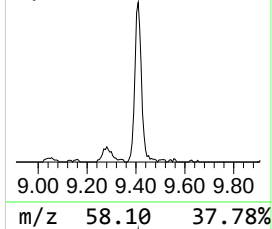
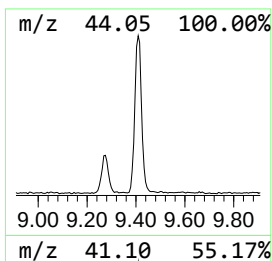
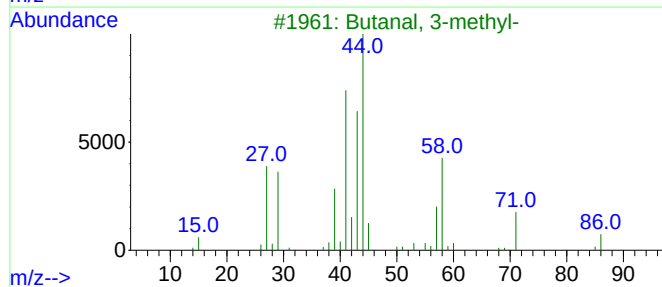
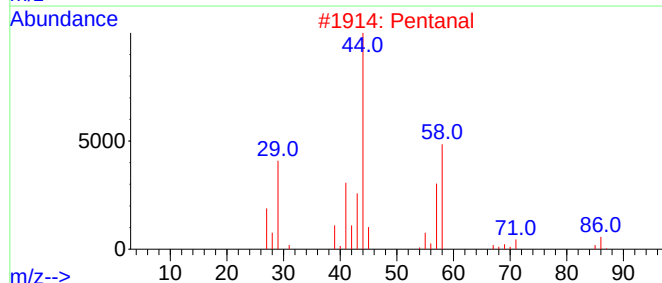
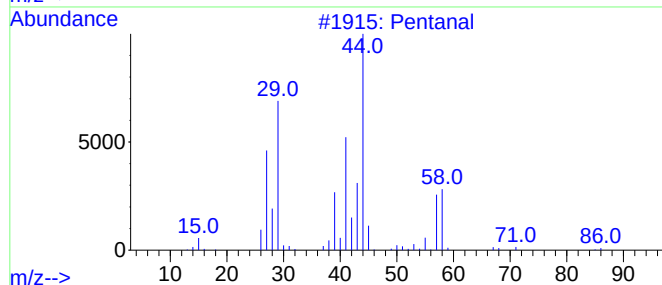
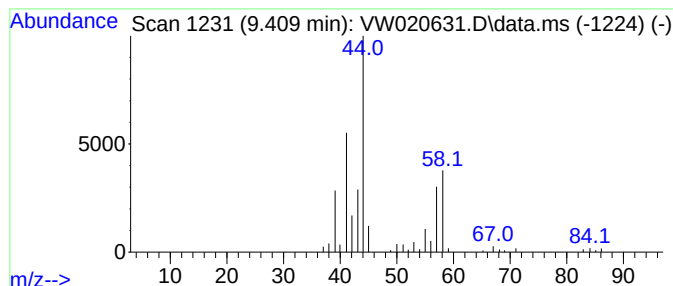
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	2.95 ug/L	67846	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	86
2	Pentanal			86	C5H10O	000110-62-3	72
3	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64
5	Cyclopropyl carbinol			72	C4H8O	002516-33-8	59



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Data File : VW020631.D
Acq On : 20 Oct 2021 01:38
Operator : SY/VA
Sample : M4263-14
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F9

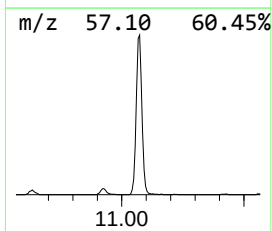
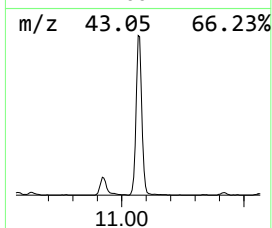
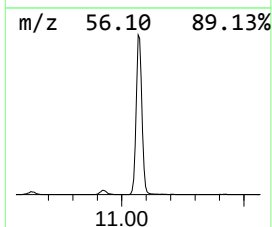
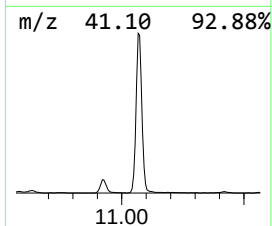
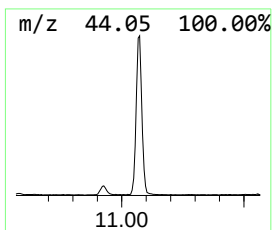
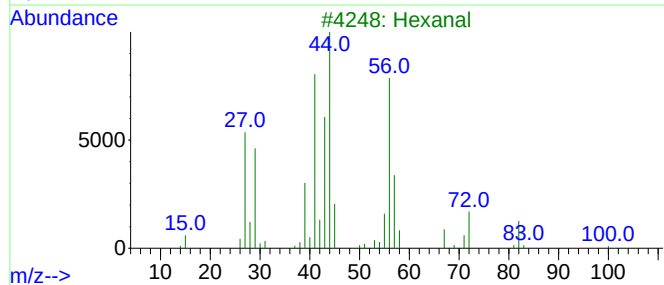
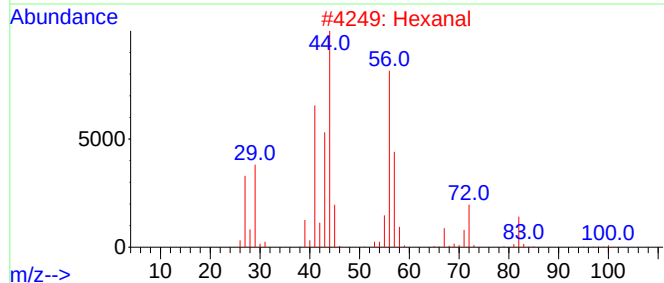
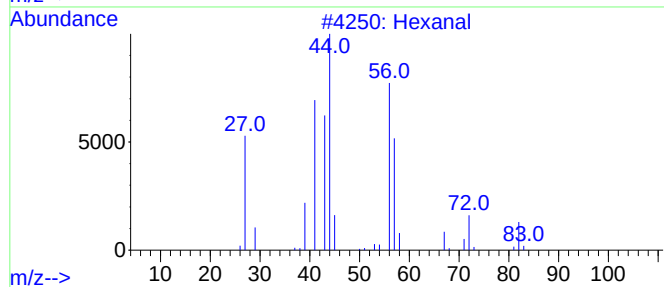
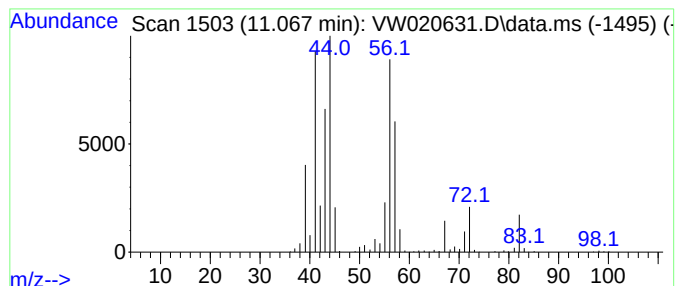
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	16.57 ug/L	392580	Chlorobenzene-d5	11.628

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020631.D
Acq On : 20 Oct 2021 01:38
Operator : SY/VA
Sample : M4263-14
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F9

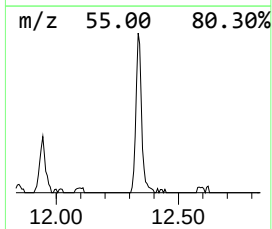
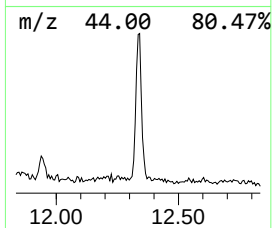
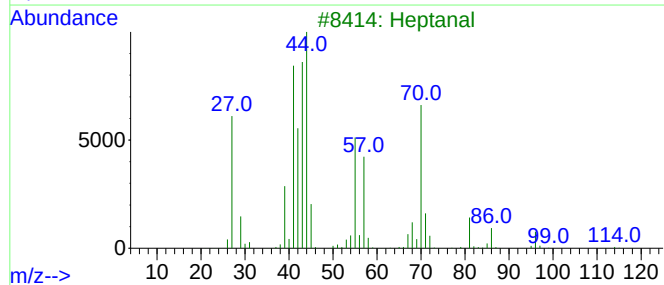
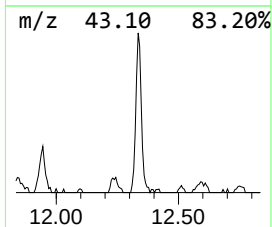
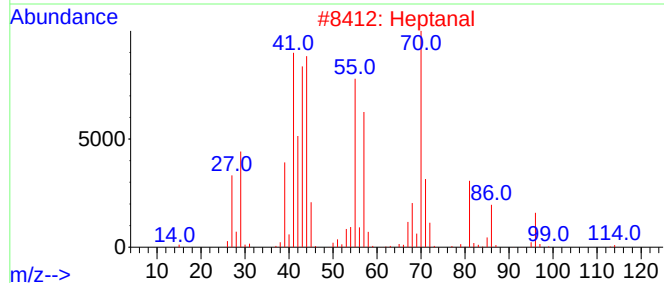
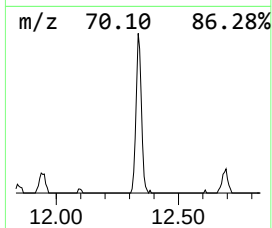
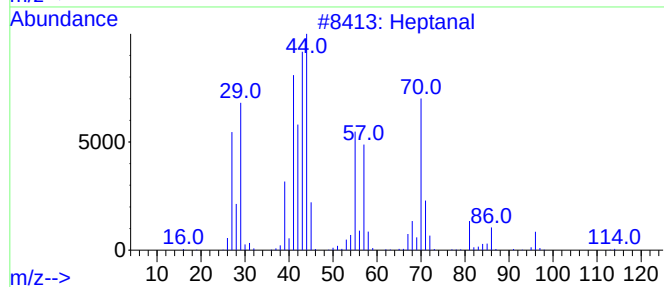
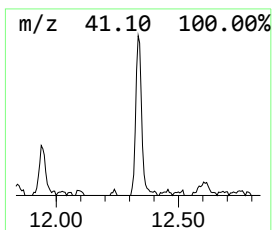
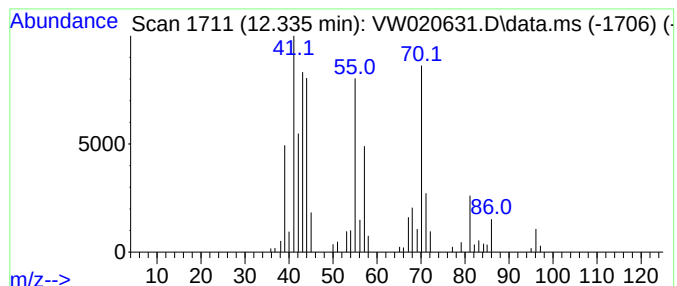
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Quant Title : SFAM01.0

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

Peak Number 6 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	2.03 ug/L	48149	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	72
2			Heptanal	114	C7H14O	000111-71-7	72
3			Heptanal	114	C7H14O	000111-71-7	72
4			Heptanal	114	C7H14O	000111-71-7	72
5			Heptanal	114	C7H14O	000111-71-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020631.D
Acq On : 20 Oct 2021 01:38
Operator : SY/VA
Sample : M4263-14
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F9

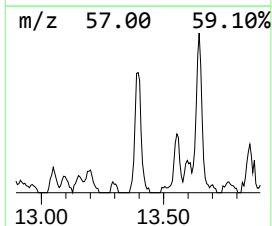
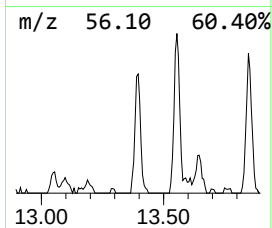
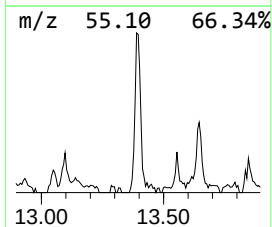
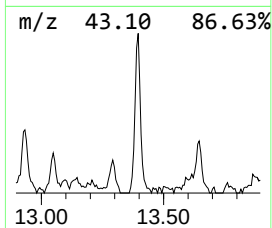
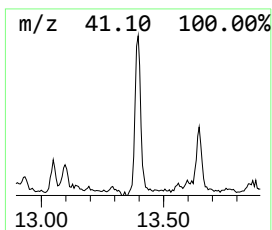
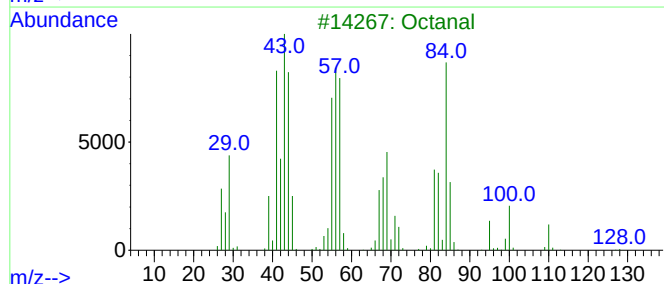
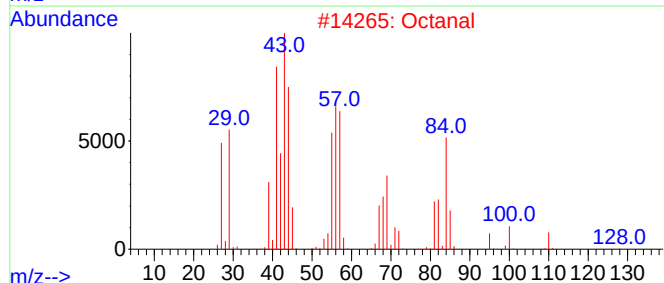
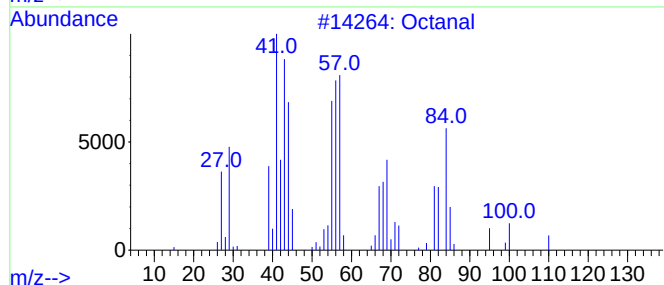
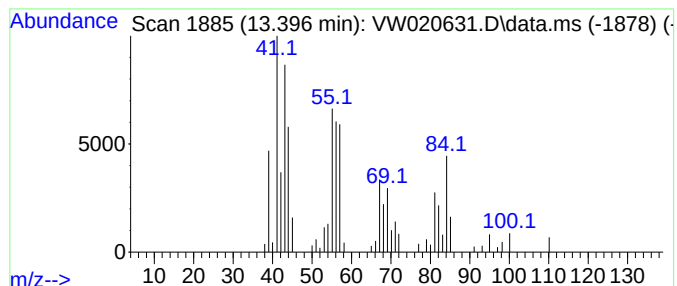
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Quant Title : SFAM01.0

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

Peak Number 8 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	3.02 ug/L	41486	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	83
2	Octanal			128	C8H16O	000124-13-0	74
3	Octanal			128	C8H16O	000124-13-0	72
4	Octanal			128	C8H16O	000124-13-0	68
5	Octanal			128	C8H16O	000124-13-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020631.D
Acq On : 20 Oct 2021 01:38
Operator : SY/VA
Sample : M4263-14
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F9

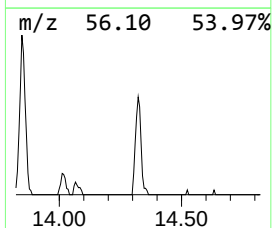
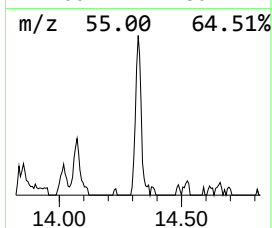
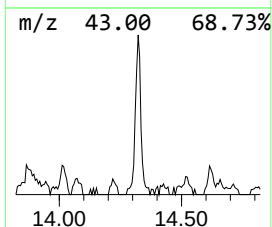
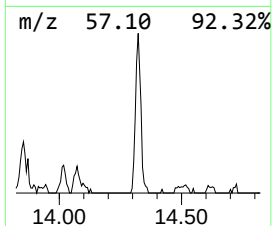
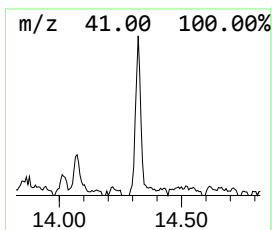
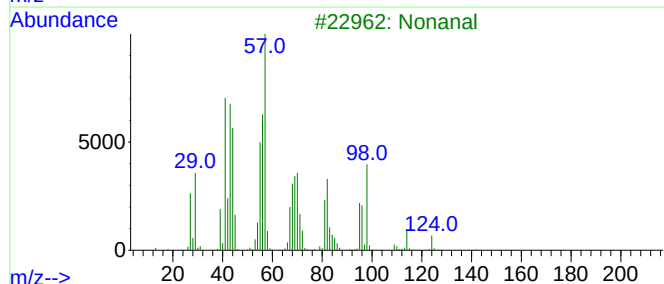
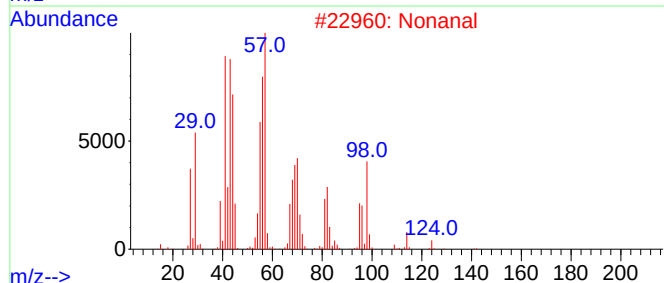
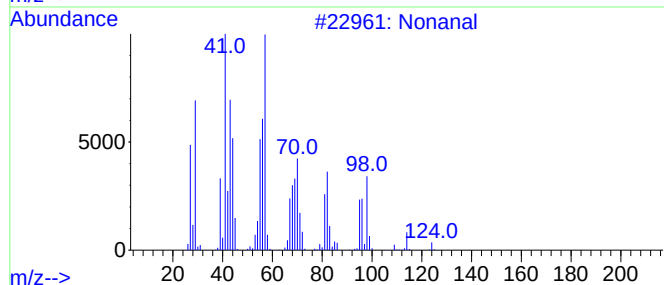
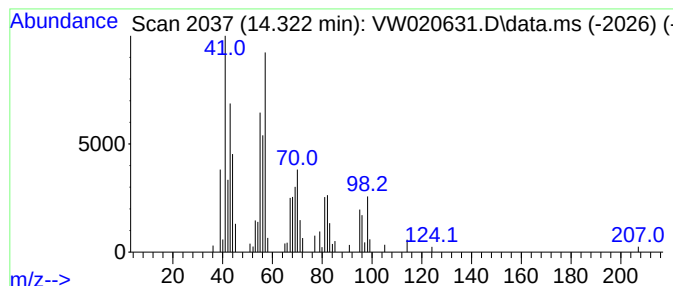
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Quant Title : SFAM01.0

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

Peak Number 9 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	2.45 ug/L	33575	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			Nonanal	142	C9H18O	000124-19-6	90
3			Nonanal	142	C9H18O	000124-19-6	80
4			2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	41
5			cis-11-Tetradecen-1-ol	212	C14H28O	034010-15-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020631.D
Acq On : 20 Oct 2021 01:38
Operator : SY/VA
Sample : M4263-14
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.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
Acetaldehyde	2.489	2.4	ug/L	54586	1	8.842	574983	25.0
Butanal, 3-methyl-	8.549	1.7	ug/L	39158	1	8.842	574983	25.0
Pentanal	9.409	3.0	ug/L	67846	1	8.842	574983	25.0
Hexanal	11.067	16.6	ug/L	392580	2	11.628	592181	25.0
Heptanal	12.335	2.0	ug/L	48149	2	11.628	592181	25.0
Octanal	13.396	3.0	ug/L	41486	3	13.560	343023	25.0
Nonanal	14.322	2.5	ug/L	33575	3	13.560	343023	25.0