

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025164.D
 Acq On : 22 Dec 2022 17:44
 Operator : SY/MD
 Sample : N6171-09
 Misc : 4.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQC7

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\SFAMWLM120822SMA.M
 Title : SFAM01.0

Signal : TIC: VW025164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	37	40	43	rBV4	1862	2855	0.16%	0.020%
2	2.349	66	73	83	rVB	117129	191065	10.38%	1.307%
3	2.489	91	96	104	rBV	36635	65099	3.54%	0.445%
4	2.800	144	147	154	rBV	5010	9601	0.52%	0.066%
5	2.879	154	160	172	rVB	69461	152053	8.26%	1.040%
6	3.020	179	183	188	rBV5	3008	5337	0.29%	0.037%
7	3.385	231	243	261	rBV	480848	1138612	61.88%	7.790%
8	3.666	283	289	292	rVV6	1134	2349	0.13%	0.016%
9	3.715	295	297	299	rVV2	703	681	0.04%	0.005%
10	3.739	299	301	307	rVB7	960	1312	0.07%	0.009%
11	4.013	334	346	357	rBV	200000	591338	32.14%	4.046%
12	4.123	357	364	374	rVB2	29278	82041	4.46%	0.561%
13	4.544	430	433	438	rVB2	377	604	0.03%	0.004%
14	4.592	438	441	445	rBV2	344	698	0.04%	0.005%
15	4.672	449	454	456	rBV2	1112	1653	0.09%	0.011%
16	4.916	483	494	501	rVV2	22195	75633	4.11%	0.517%
17	5.007	502	509	523	rVV3	23498	84015	4.57%	0.575%
18	5.104	523	525	526	rVV	1872	1517	0.08%	0.010%
19	5.123	526	528	537	rVV4	1813	4036	0.22%	0.028%
20	5.422	572	577	578	rBV2	582	832	0.05%	0.006%
21	5.781	627	636	647	rVV5	4272	14662	0.80%	0.100%
22	5.940	652	662	674	rVB5	7583	22287	1.21%	0.152%
23	6.117	687	691	692	rBV3	706	859	0.05%	0.006%
24	6.897	812	819	828	rBV4	6198	17238	0.94%	0.118%
25	7.074	839	848	857	rBV	68344	190185	10.34%	1.301%
26	7.531	920	923	926	rVV4	520	755	0.04%	0.005%
27	7.647	931	942	956	rVV	309599	767527	41.71%	5.251%
28	7.744	956	958	959	rVV	516	551	0.03%	0.004%
29	7.775	962	963	968	rVB3	672	659	0.04%	0.005%
30	7.921	982	987	992	rBV3	982	1719	0.09%	0.012%
31	8.275	1034	1045	1065	rBV2	618593	1840087	100.00%	12.589%
32	8.555	1084	1091	1099	rVB5	6212	14771	0.80%	0.101%
33	8.701	1108	1115	1123	rBV4	6641	15996	0.87%	0.109%
34	8.842	1129	1138	1152	rBV	614135	1200835	65.26%	8.215%
35	9.037	1167	1170	1171	rBV2	598	570	0.03%	0.004%
36	9.079	1171	1177	1188	rVB7	3413	8924	0.48%	0.061%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Title : SFAM01.0

37	9.274	1199	1209	1218	rBV	423346	863055	46.90%	5.904%
38	9.402	1225	1230	1241	rVB2	14478	29903	1.63%	0.205%
39	9.585	1257	1260	1266	rVB	1151	1637	0.09%	0.011%
40	9.665	1266	1273	1278	rBV3	2498	5092	0.28%	0.035%
41	9.957	1317	1321	1323	rBV2	714	896	0.05%	0.006%
42	10.030	1326	1333	1342	rBV	232523	425939	23.15%	2.914%
43	10.219	1362	1364	1367	rVB2	765	813	0.04%	0.006%
44	10.323	1370	1381	1388	rBV	839807	1491377	81.05%	10.203%
45	10.384	1388	1391	1403	rVB	8842	17332	0.94%	0.119%
46	10.506	1407	1411	1415	rVB5	1566	2295	0.12%	0.016%
47	10.579	1415	1423	1429	rBV	149618	263367	14.31%	1.802%
48	10.701	1437	1443	1450	rVB2	11713	20684	1.12%	0.142%
49	10.762	1450	1453	1456	rBV3	778	760	0.04%	0.005%
50	10.860	1461	1469	1474	rBV	206199	361110	19.62%	2.470%
51	10.921	1474	1479	1490	rVB	276619	455936	24.78%	3.119%
52	11.067	1497	1503	1517	rVB	54120	93698	5.09%	0.641%
53	11.335	1543	1547	1550	rVB	580	654	0.04%	0.004%
54	11.396	1553	1557	1563	rVB5	3325	6115	0.33%	0.042%
55	11.518	1573	1577	1580	rBV2	390	567	0.03%	0.004%
56	11.628	1587	1595	1607	rBV	777012	1298109	70.55%	8.881%
57	11.835	1624	1629	1640	rBV5	4055	9599	0.52%	0.066%
58	11.945	1642	1647	1653	rVV3	6862	11434	0.62%	0.078%
59	12.122	1673	1676	1678	rVV2	541	597	0.03%	0.004%
60	12.164	1678	1683	1692	rVB7	1793	3995	0.22%	0.027%
61	12.237	1692	1695	1697	rBV3	626	887	0.05%	0.006%
62	12.335	1706	1711	1719	rVV3	15806	26945	1.46%	0.184%
63	12.603	1749	1755	1761	rVV2	19427	33575	1.82%	0.230%
64	12.689	1761	1769	1778	rVV	363685	593063	32.23%	4.057%
65	12.749	1778	1779	1783	rVV3	649	690	0.04%	0.005%
66	12.877	1797	1800	1802	rBV	1099	1019	0.06%	0.007%
67	12.932	1804	1809	1816	rVB3	5561	9966	0.54%	0.068%
68	13.048	1823	1828	1834	rBV4	4870	7722	0.42%	0.053%
69	13.188	1847	1851	1854	rVB5	1416	1936	0.11%	0.013%
70	13.268	1854	1864	1877	rBV2	26987	56414	3.07%	0.386%
71	13.390	1878	1884	1894	rBV3	17529	30329	1.65%	0.207%
72	13.463	1894	1896	1898	rVV3	1945	1950	0.11%	0.013%
73	13.505	1898	1903	1904	rVV3	5589	8465	0.46%	0.058%
74	13.554	1904	1911	1921	rVV	611552	993626	54.00%	6.798%
75	13.640	1923	1925	1933	rVB3	3927	6200	0.34%	0.042%
76	13.761	1941	1945	1947	rBV5	836	1072	0.06%	0.007%

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 Title : SFAM01.0

77	13.847	1952	1959	1966	rBV	527021	867592	47.15%	5.936%
78	14.018	1982	1987	1990	rBV5	3575	6122	0.33%	0.042%
79	14.066	1990	1995	2004	rVB	8542	15533	0.84%	0.106%
80	14.322	2031	2037	2043	rVB2	10155	16127	0.88%	0.110%
81	14.493	2061	2065	2066	rVV2	717	1052	0.06%	0.007%
82	14.517	2066	2069	2073	rVB4	1419	2104	0.11%	0.014%
83	14.621	2083	2086	2089	rVV3	619	958	0.05%	0.007%
84	14.682	2093	2096	2097	rVV2	1833	1804	0.10%	0.012%
85	14.713	2098	2101	2107	rVB4	6758	9890	0.54%	0.068%
86	14.828	2117	2120	2123	rBV2	479	597	0.03%	0.004%
87	14.871	2123	2127	2133	rVB8	1581	2892	0.16%	0.020%
88	14.956	2136	2141	2146	rBV5	1017	1652	0.09%	0.011%
89	15.176	2172	2177	2184	rVB4	2918	5183	0.28%	0.035%
90	15.243	2184	2188	2192	rBV4	1054	1947	0.11%	0.013%
91	15.395	2207	2213	2219	rVB3	12314	20749	1.13%	0.142%
92	15.481	2222	2227	2231	rBV4	2043	3530	0.19%	0.024%
93	15.682	2258	2260	2263	rVV2	540	605	0.03%	0.004%
94	15.761	2267	2273	2274	rBV4	1055	1659	0.09%	0.011%
95	15.792	2274	2278	2281	rVV4	2340	3481	0.19%	0.024%
96	15.834	2283	2285	2288	rVV3	647	570	0.03%	0.004%
97	15.901	2294	2296	2298	rVB2	792	555	0.03%	0.004%
98	15.950	2299	2304	2311	rVB7	1311	2801	0.15%	0.019%
99	16.011	2311	2314	2317	rBV4	589	866	0.05%	0.006%
100	16.084	2325	2326	2332	rVB4	730	930	0.05%	0.006%

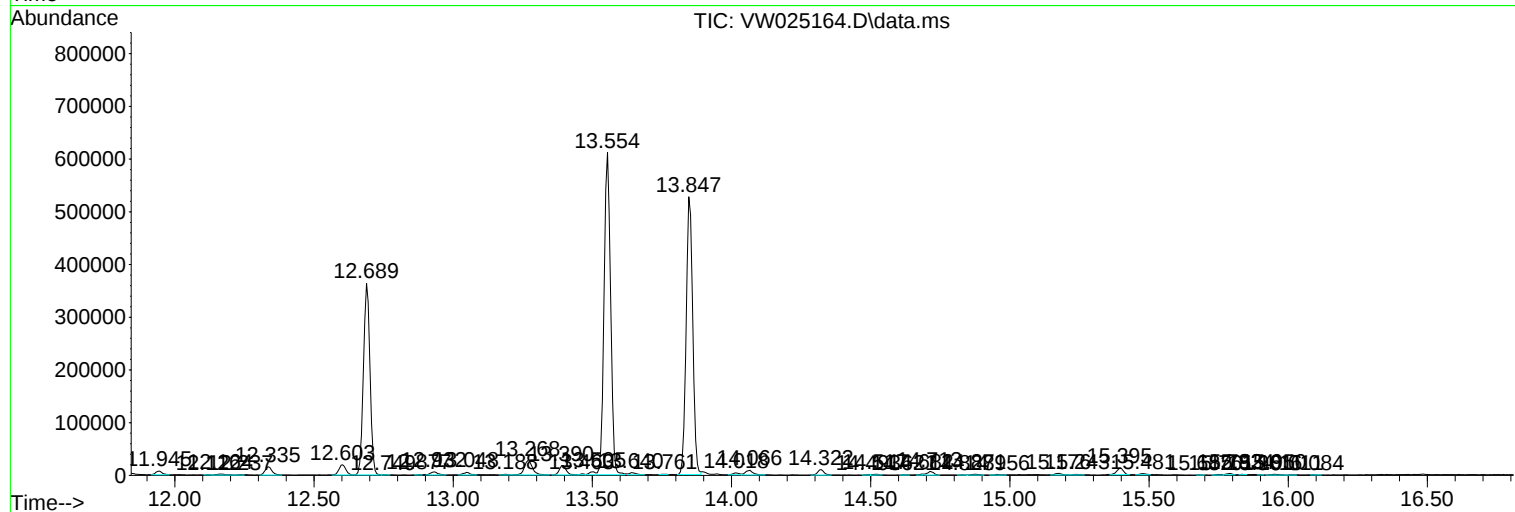
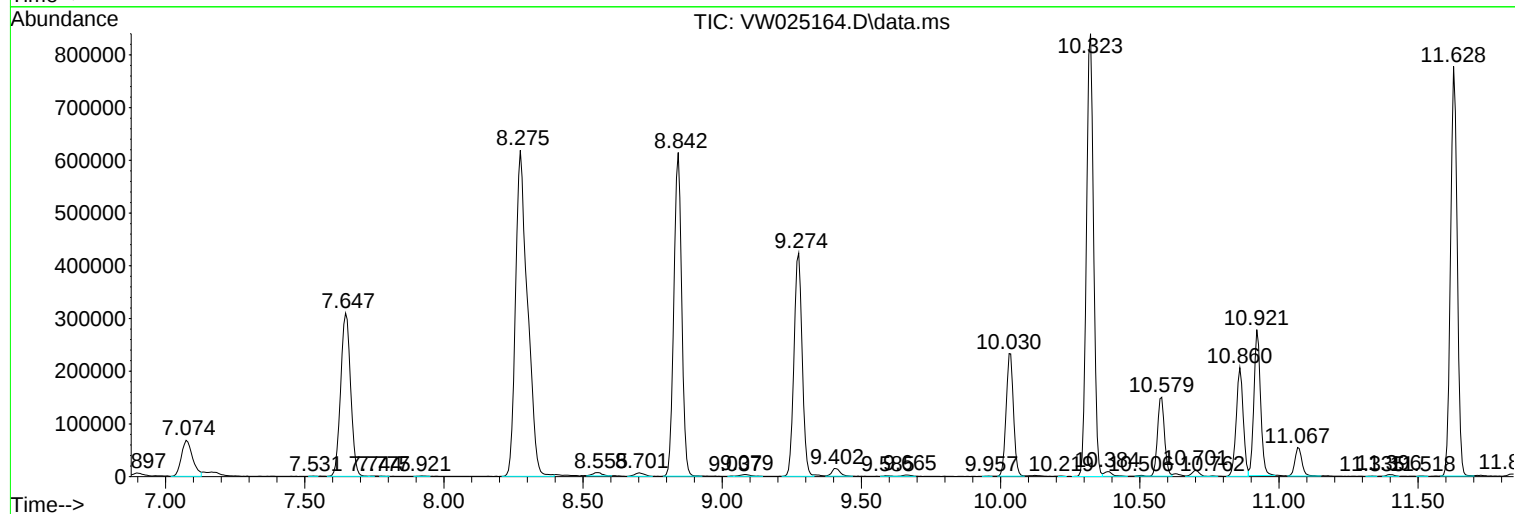
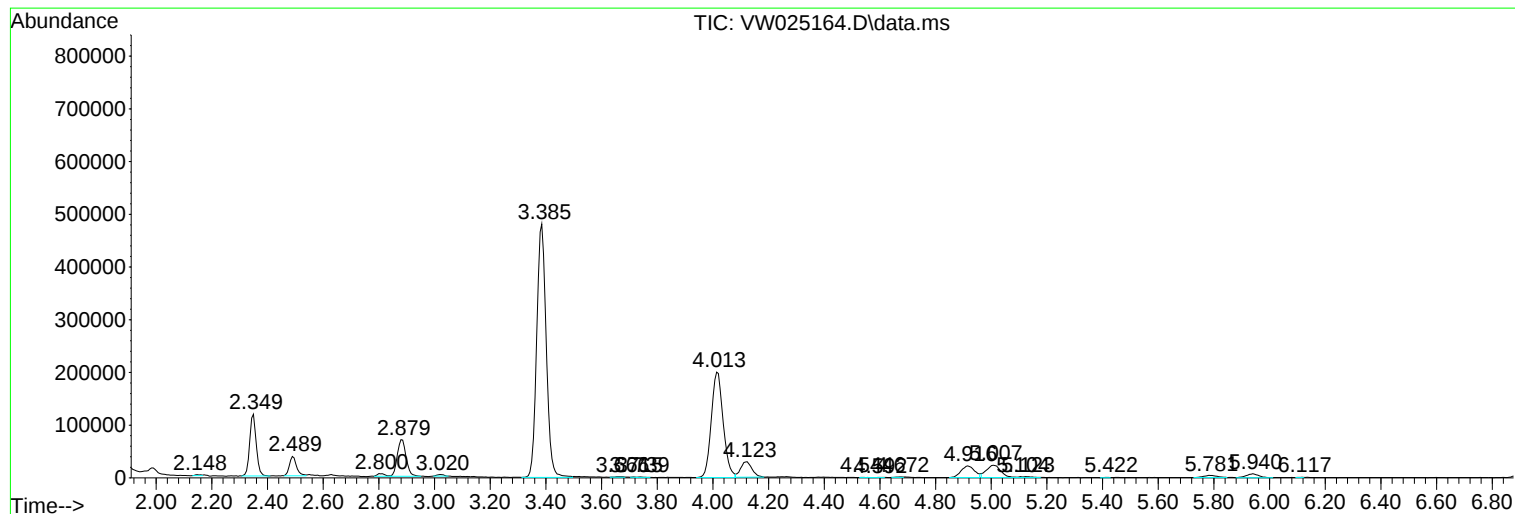
Sum of corrected areas: 14616978

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
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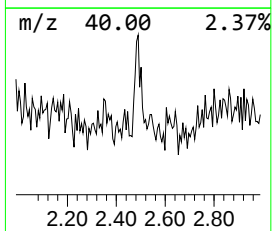
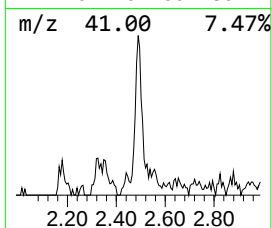
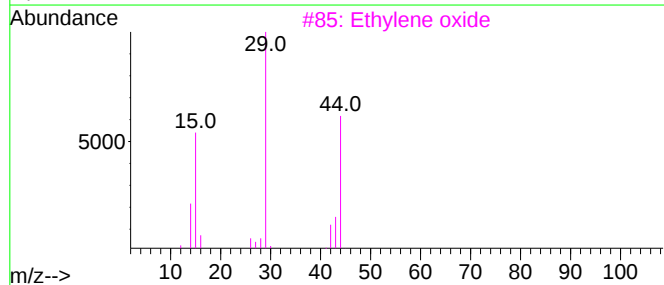
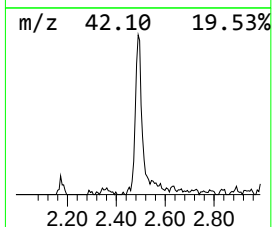
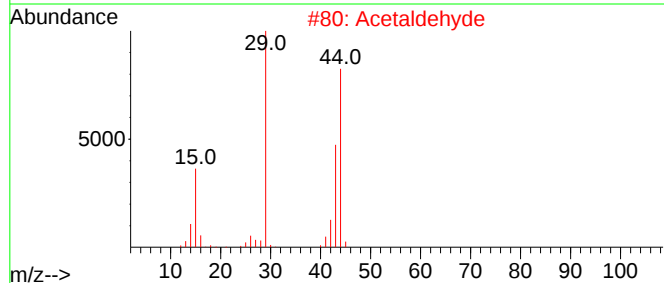
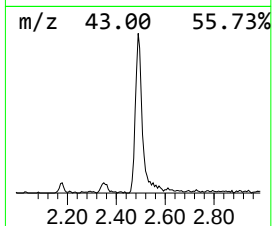
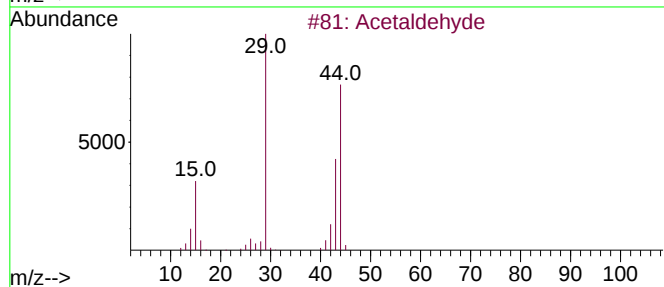
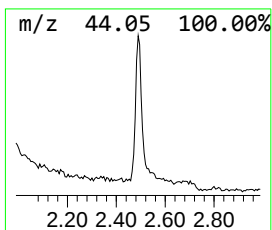
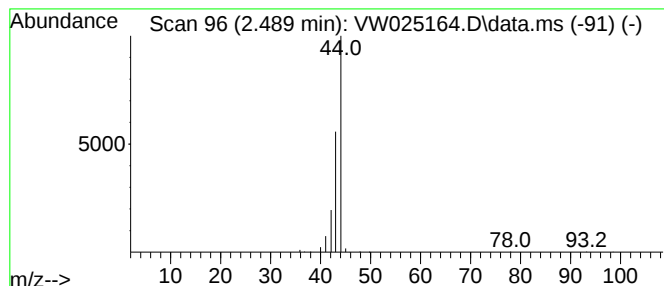
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.36 ug/L	65099	1,4-Difluorobenzene	8.842

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		Ethylene oxide	44	C2H4O	000075-21-8	5
4		Ethylene oxide	44	C2H4O	000075-21-8	5
5		Propane	44	C3H8	000074-98-6	4



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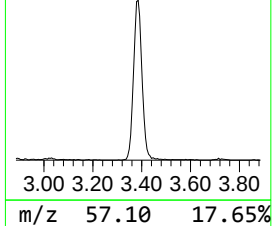
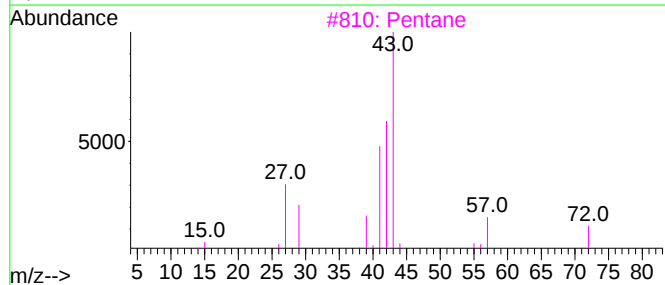
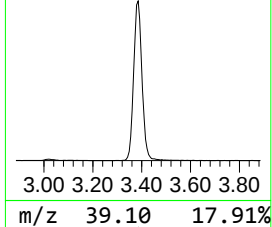
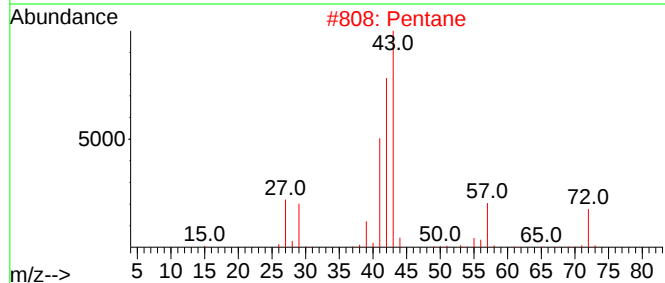
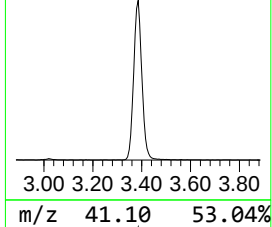
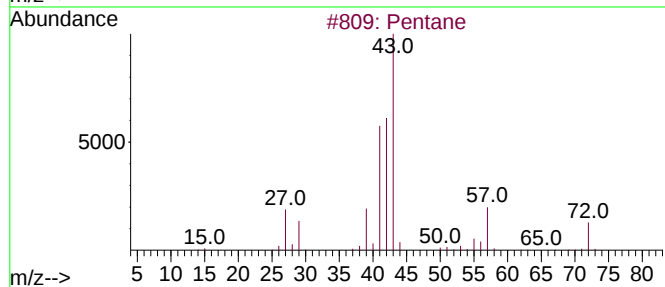
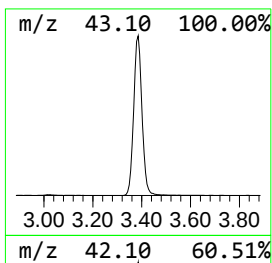
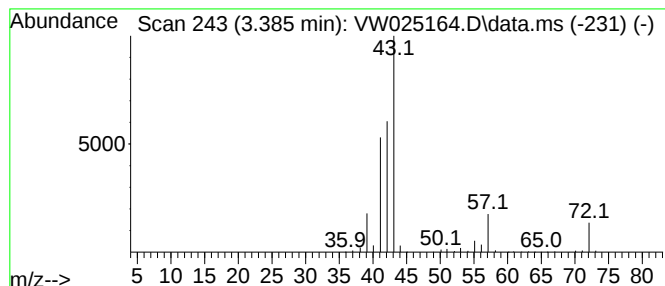
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.385	23.70 ug/L	1138610	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	86



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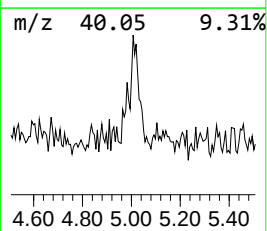
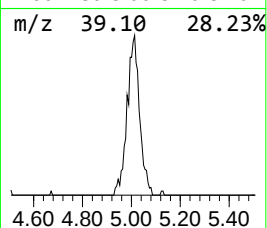
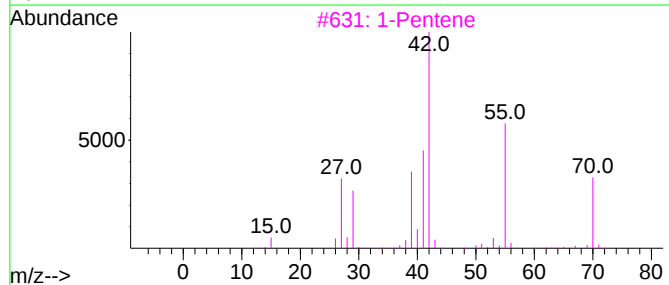
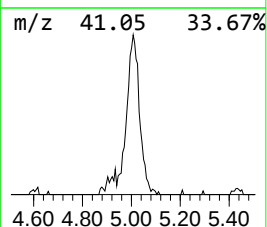
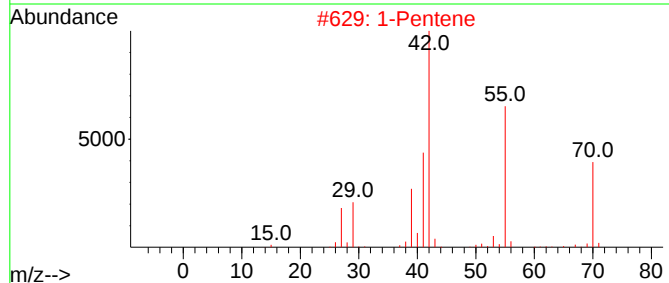
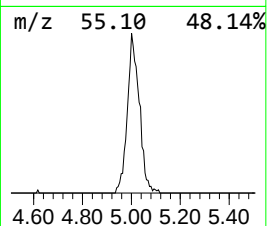
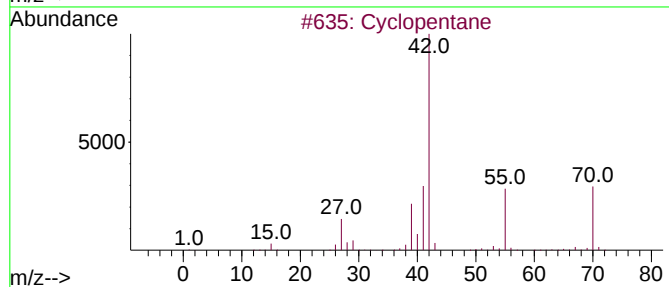
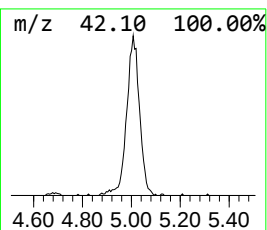
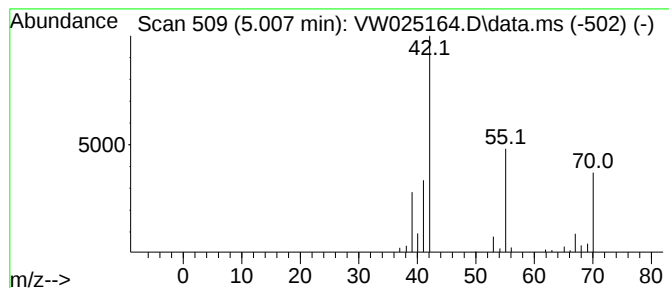
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic5.007 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.007	1.75 ug/L	84015	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane	70	C5H10	000287-92-3	80
2		1-Pentene	70	C5H10	000109-67-1	80
3		1-Pentene	70	C5H10	000109-67-1	64
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
5		Cyclopentane	70	C5H10	000287-92-3	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025164.D
Acq On : 22 Dec 2022 17:44
Operator : SY/MD
Sample : N6171-09
Misc : 4.64g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQC7

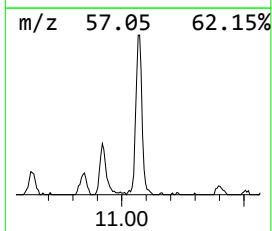
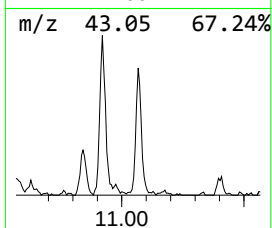
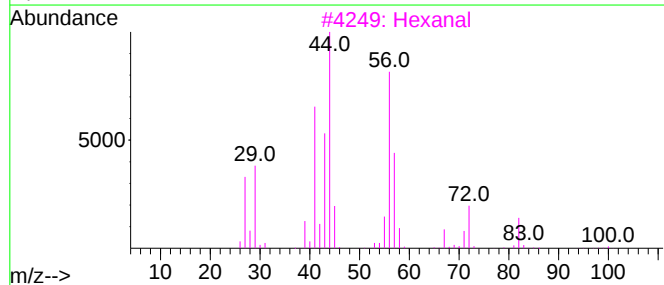
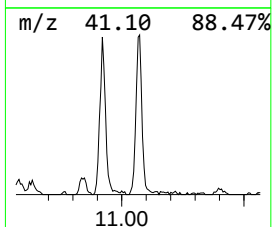
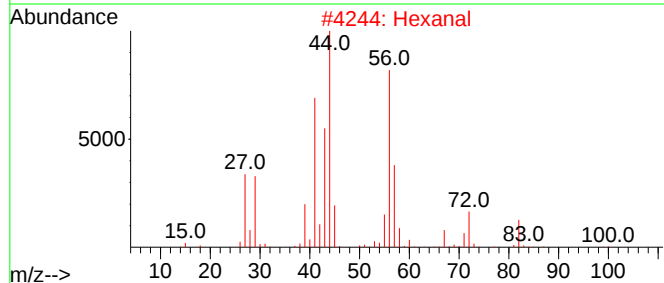
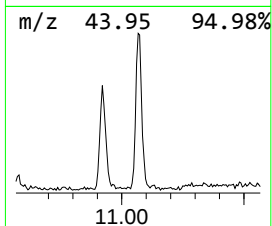
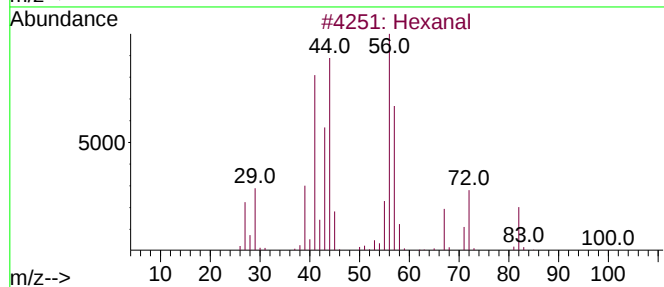
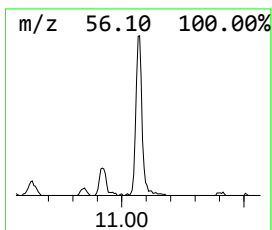
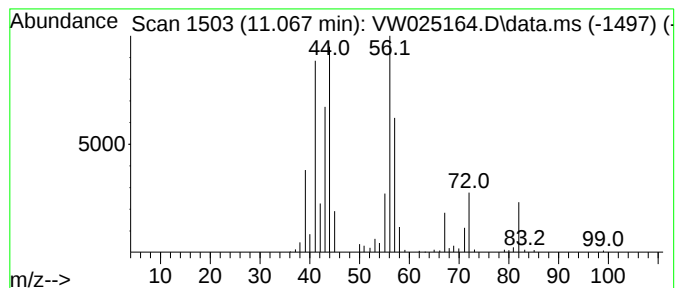
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Quant Title : SFAM01.0

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

Peak Number 6 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	1.80 ug/L	93698	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	64
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025164.D
Acq On : 22 Dec 2022 17:44
Operator : SY/MD
Sample : N6171-09
Misc : 4.64g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQC7

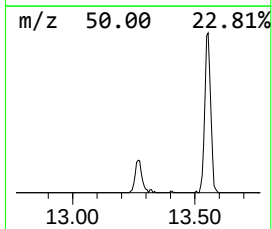
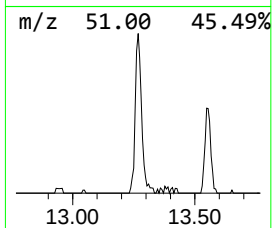
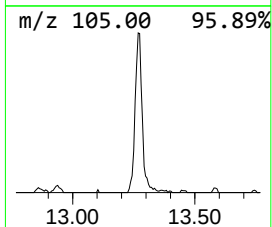
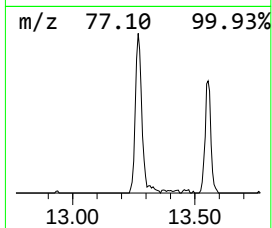
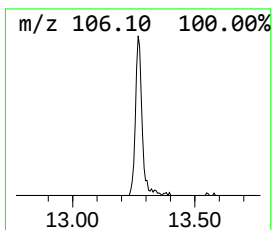
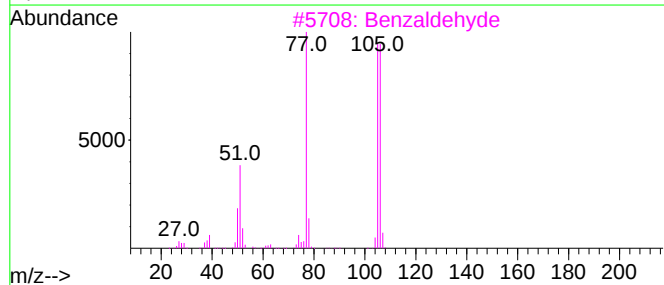
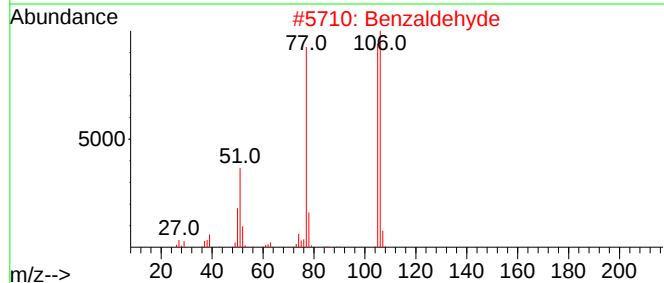
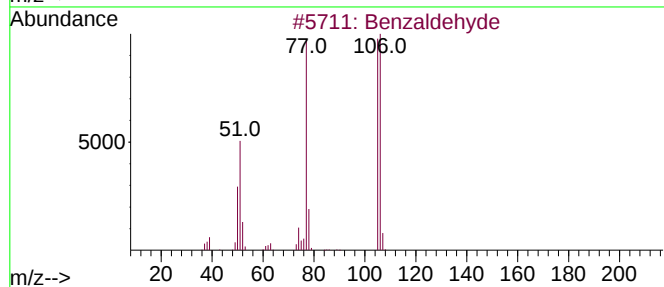
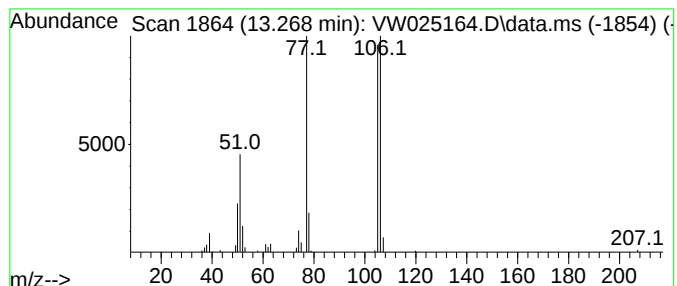
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Quant Title : SFAM01.0

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

Peak Number 7 Benzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	1.42 ug/L	56414	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde	106	C7H6O	000100-52-7	97
2			Benzaldehyde	106	C7H6O	000100-52-7	95
3			Benzaldehyde	106	C7H6O	000100-52-7	94
4			Benzaldehyde	106	C7H6O	000100-52-7	94
5			Benzaldehyde	106	C7H6O	000100-52-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025164.D
Acq On : 22 Dec 2022 17:44
Operator : SY/MD
Sample : N6171-09
Misc : 4.64g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.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	2.489	1.4	ug/L	65099	1	8.842	1200840	25.0
(DEL) Alkane: S...	3.385	23.7	ug/L	1138610	1	8.842	1200840	25.0
(DEL) Alkane: C...	5.007	1.8	ug/L	84015	1	8.842	1200840	25.0
Hexanal	11.067	1.8	ug/L	93698	2	11.628	1298110	25.0
Benzaldehyde	13.268	1.4	ug/L	56414	3	13.554	993626	25.0