

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025166.D
 Acq On : 22 Dec 2022 18:32
 Operator : SY/MD
 Sample : N6171-01
 Misc : 4.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQC1

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: VW025166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	82	rVB	120296	189649	10.08%	1.291%
2	2.489	91	96	108	rBV	33577	61326	3.26%	0.418%
3	2.879	154	160	173	rVB	71966	156240	8.31%	1.064%
4	3.385	234	243	257	rBV	419822	975536	51.87%	6.643%
5	3.898	325	327	329	rVB	459	339	0.02%	0.002%
6	3.916	329	330	332	rBV	354	296	0.02%	0.002%
7	4.013	335	346	357	rBV	208924	608093	32.33%	4.141%
8	4.117	359	363	375	rVB	26088	66183	3.52%	0.451%
9	4.361	400	403	404	rBV3	337	418	0.02%	0.003%
10	4.458	418	419	424	rVB2	451	357	0.02%	0.002%
11	4.513	424	428	429	rBV	479	326	0.02%	0.002%
12	4.678	451	455	460	rBV3	841	1728	0.09%	0.012%
13	4.916	484	494	501	rBV	21846	72419	3.85%	0.493%
14	5.428	576	578	584	rVB5	370	526	0.03%	0.004%
15	5.580	601	603	605	rBV2	240	249	0.01%	0.002%
16	5.793	627	638	648	rBV4	3376	11381	0.61%	0.077%
17	5.946	653	663	675	rVB3	6531	19773	1.05%	0.135%
18	6.086	684	686	687	rBV	432	295	0.02%	0.002%
19	6.220	704	708	709	rBV2	254	329	0.02%	0.002%
20	6.367	730	732	738	rBV2	276	335	0.02%	0.002%
21	6.598	768	770	775	rBV3	369	567	0.03%	0.004%
22	6.641	775	777	780	rVB2	237	269	0.01%	0.002%
23	6.903	811	820	828	rBV3	4590	13054	0.69%	0.089%
24	7.074	840	848	860	rBV	65408	190648	10.14%	1.298%
25	7.293	882	884	887	rVB3	525	420	0.02%	0.003%
26	7.494	916	917	920	rVB2	278	260	0.01%	0.002%
27	7.531	921	923	924	rBV	590	341	0.02%	0.002%
28	7.647	932	942	956	rVB	329273	790312	42.02%	5.381%
29	8.061	1007	1010	1012	rBV2	401	294	0.02%	0.002%
30	8.128	1018	1021	1024	rBV2	249	320	0.02%	0.002%
31	8.275	1034	1045	1061	rBV2	621862	1880646	100.00%	12.806%
32	8.549	1086	1090	1096	rVB6	4007	8570	0.46%	0.058%
33	8.702	1107	1115	1122	rBV4	5083	11628	0.62%	0.079%
34	8.842	1129	1138	1151	rBV	633165	1223546	65.06%	8.331%
35	9.073	1169	1176	1183	rBV8	2926	6831	0.36%	0.047%
36	9.275	1199	1209	1219	rBV	439481	896830	47.69%	6.107%

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 Title : SFAM01.0

37	9.409	1226	1231	1242	rVB2	9292	19405	1.03%	0.132%
38	9.592	1256	1261	1262	rBV3	438	554	0.03%	0.004%
39	9.665	1268	1273	1281	rBV4	2598	5548	0.30%	0.038%
40	9.750	1285	1287	1292	rVB2	340	426	0.02%	0.003%
41	9.811	1292	1297	1299	rBV	317	444	0.02%	0.003%
42	9.884	1306	1309	1312	rBV2	265	254	0.01%	0.002%
43	9.957	1317	1321	1322	rBV2	332	382	0.02%	0.003%
44	10.031	1326	1333	1344	rBV	241483	441537	23.48%	3.007%
45	10.207	1356	1362	1366	rVB4	482	991	0.05%	0.007%
46	10.323	1373	1381	1389	rBV	899618	1558167	82.85%	10.610%
47	10.500	1408	1410	1415	rVB3	763	1106	0.06%	0.008%
48	10.579	1415	1423	1431	rBV	136321	243287	12.94%	1.657%
49	10.701	1437	1443	1449	rVB2	9206	17234	0.92%	0.117%
50	10.860	1459	1469	1474	rBV2	93737	174850	9.30%	1.191%
51	10.921	1474	1479	1495	rVV	227735	388845	20.68%	2.648%
52	11.073	1498	1504	1517	rVV	25342	43580	2.32%	0.297%
53	11.171	1517	1520	1529	rVB5	1030	1708	0.09%	0.012%
54	11.244	1529	1532	1536	rVB2	194	315	0.02%	0.002%
55	11.335	1543	1547	1550	rBV3	391	604	0.03%	0.004%
56	11.402	1553	1558	1564	rVB4	3915	5734	0.30%	0.039%
57	11.469	1567	1569	1572	rVB3	481	379	0.02%	0.003%
58	11.567	1581	1585	1587	rVB	306	399	0.02%	0.003%
59	11.628	1587	1595	1610	rBV	805068	1361873	72.42%	9.273%
60	11.841	1626	1630	1637	rBV5	2106	3828	0.20%	0.026%
61	11.939	1642	1646	1653	rVB5	2968	5727	0.30%	0.039%
62	12.042	1661	1663	1664	rBV	656	346	0.02%	0.002%
63	12.158	1677	1682	1689	rVB6	1041	2364	0.13%	0.016%
64	12.335	1706	1711	1721	rVB4	7657	13713	0.73%	0.093%
65	12.402	1721	1722	1725	rBV	390	292	0.02%	0.002%
66	12.463	1729	1732	1737	rVB3	745	1003	0.05%	0.007%
67	12.524	1740	1742	1745	rBV2	316	418	0.02%	0.003%
68	12.603	1747	1755	1760	rBV2	17426	28035	1.49%	0.191%
69	12.689	1762	1769	1777	rVV	387358	621688	33.06%	4.233%
70	12.786	1783	1785	1789	rVB	438	348	0.02%	0.002%
71	12.890	1796	1802	1804	rBV4	1039	1568	0.08%	0.011%
72	12.926	1804	1808	1813	rBV5	3951	6794	0.36%	0.046%
73	13.000	1816	1820	1821	rBV3	421	638	0.03%	0.004%
74	13.195	1848	1852	1855	rVB3	1160	1552	0.08%	0.011%
75	13.225	1855	1857	1858	rBV2	933	716	0.04%	0.005%
76	13.268	1859	1864	1875	rVB2	14268	29009	1.54%	0.198%

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 Title : SFAM01.0

77	13.396	1880	1885	1891	rBV3	7780	12627	0.67%	0.086%
78	13.469	1893	1897	1898	rBV4	2881	3911	0.21%	0.027%
79	13.499	1898	1902	1905	rVV	16242	23074	1.23%	0.157%
80	13.554	1905	1911	1923	rVB	761464	1190989	63.33%	8.110%
81	13.755	1940	1944	1948	rBV7	1522	2660	0.14%	0.018%
82	13.847	1952	1959	1966	rBV	665407	1129301	60.05%	7.690%
83	14.018	1982	1987	1990	rBV4	2164	3659	0.19%	0.025%
84	14.060	1990	1994	2003	rVB2	9169	14798	0.79%	0.101%
85	14.322	2031	2037	2044	rBV5	6076	11376	0.60%	0.077%
86	14.487	2060	2064	2066	rBV4	1269	1840	0.10%	0.013%
87	14.621	2083	2086	2087	rBV2	599	665	0.04%	0.005%
88	14.719	2092	2102	2106	rBV	19007	33042	1.76%	0.225%
89	15.024	2150	2152	2154	rBV3	594	705	0.04%	0.005%
90	15.249	2184	2189	2195	rVB5	2743	4884	0.26%	0.033%
91	15.310	2197	2199	2202	rBV3	828	943	0.05%	0.006%
92	15.395	2207	2213	2220	rBV	32211	52860	2.81%	0.360%
93	15.475	2223	2226	2230	rVV3	3562	5317	0.28%	0.036%
94	15.591	2242	2245	2252	rVB5	1882	3189	0.17%	0.022%
95	15.749	2269	2271	2272	rBV2	829	655	0.03%	0.004%
96	15.792	2274	2278	2284	rVB7	5790	10415	0.55%	0.071%
97	15.834	2284	2285	2287	rBV2	1272	850	0.05%	0.006%
98	16.090	2325	2327	2328	rBV	646	433	0.02%	0.003%
99	16.353	2368	2370	2373	rBV3	667	1065	0.06%	0.007%
100	16.420	2379	2381	2383	rBV2	765	732	0.04%	0.005%

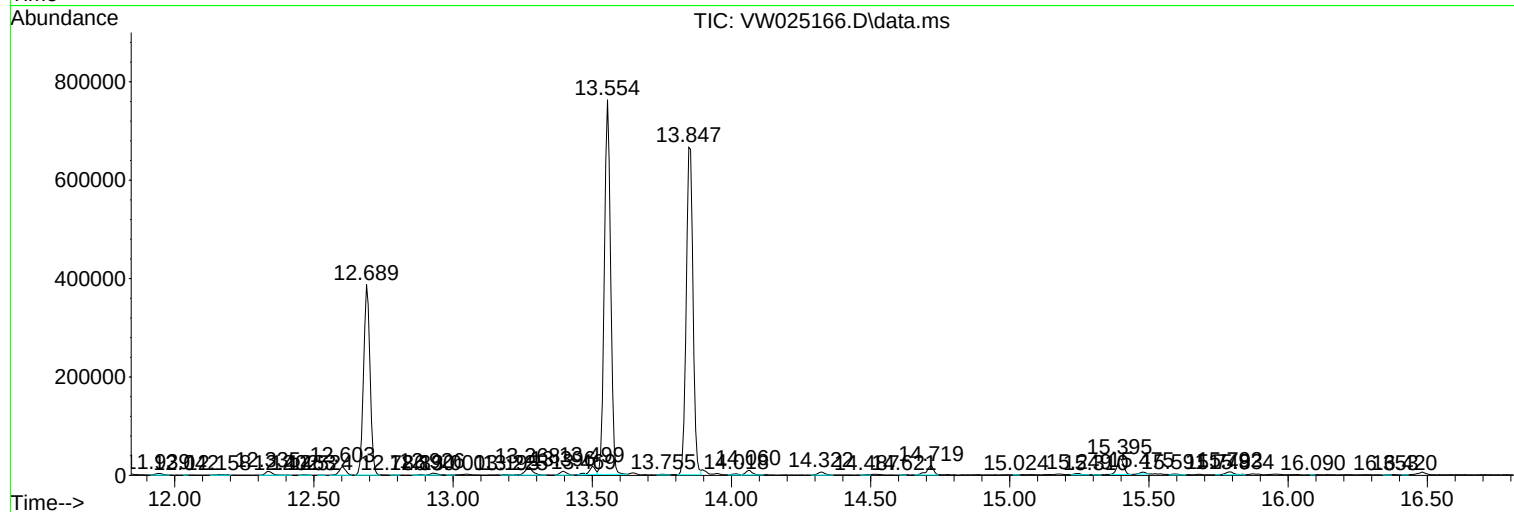
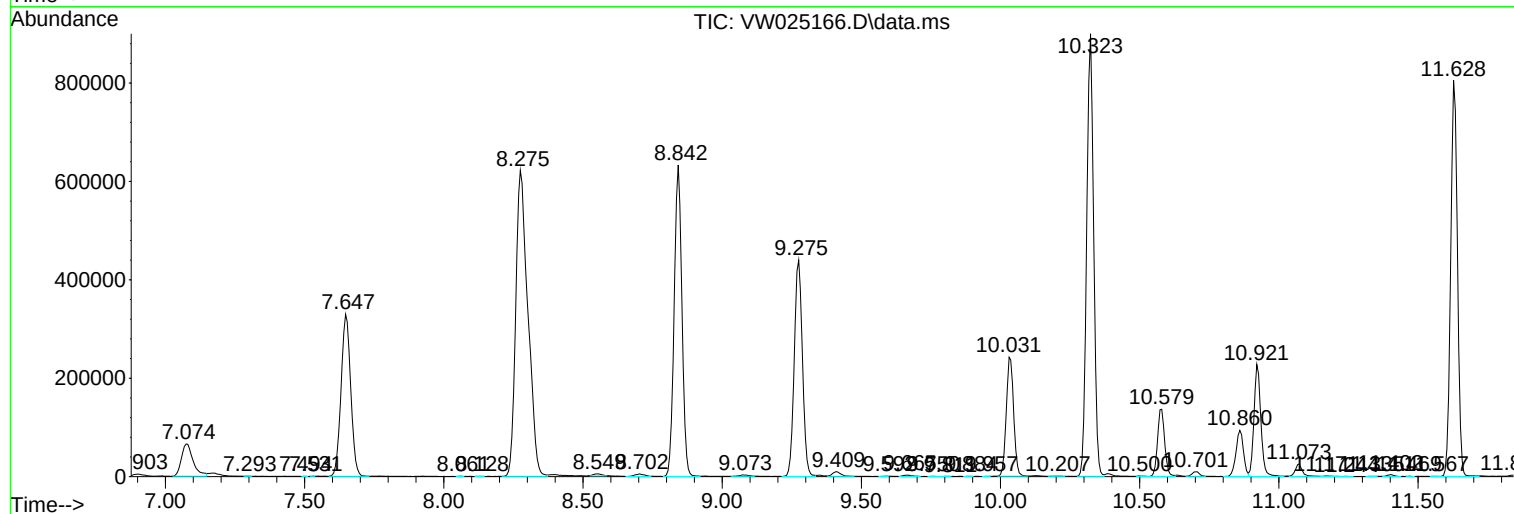
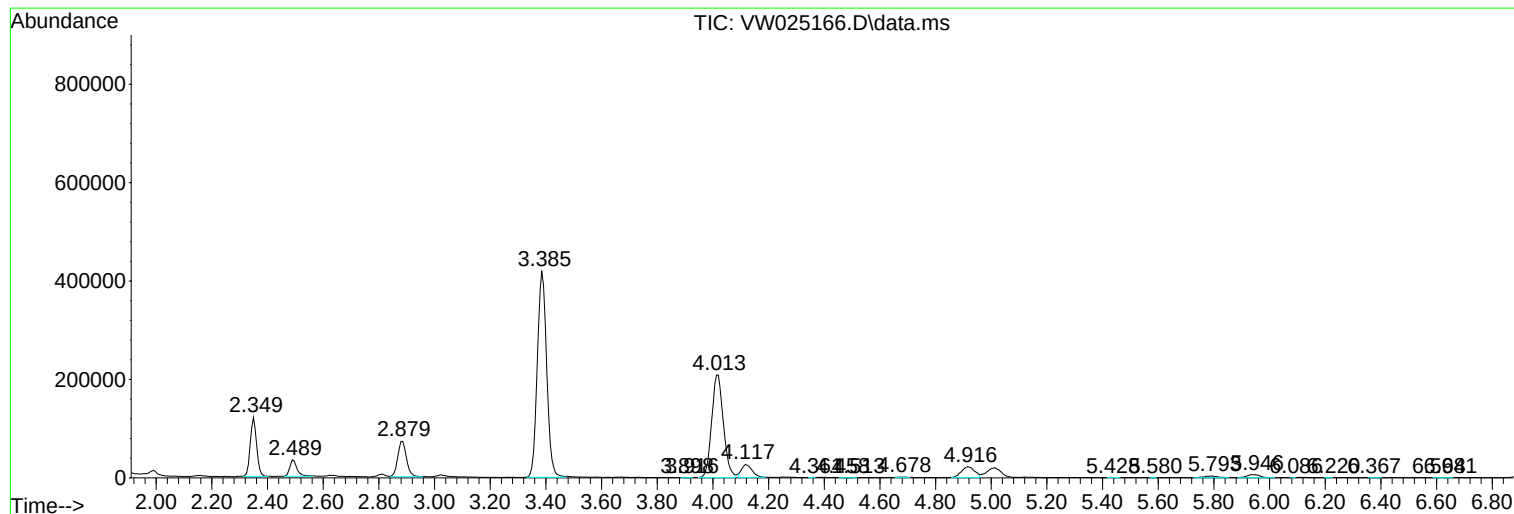
Sum of corrected areas: 14685985

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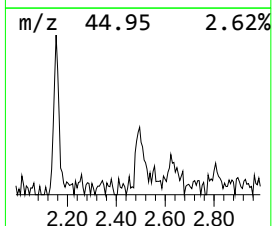
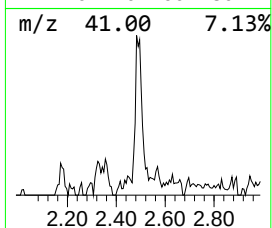
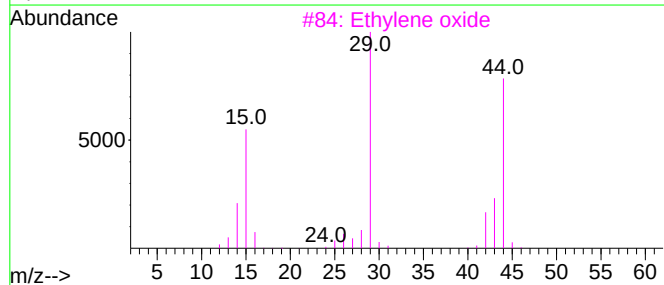
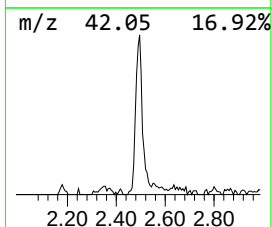
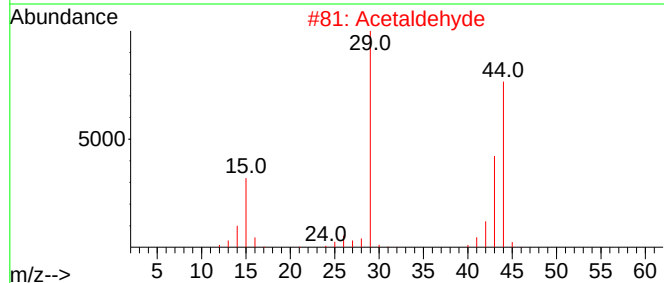
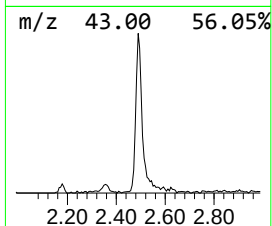
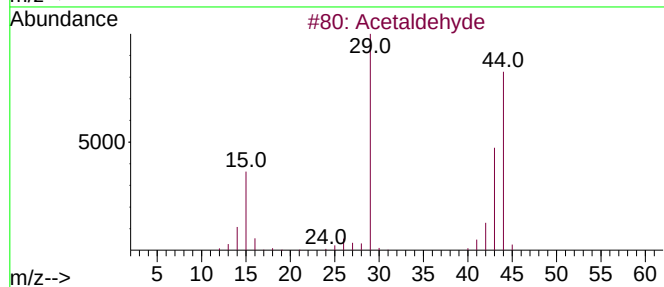
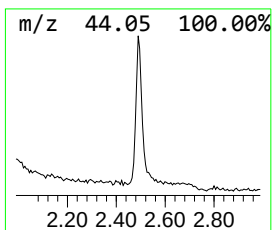
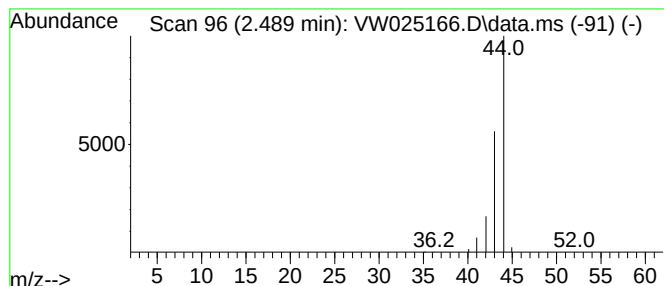
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.25 ug/L	61326	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	74
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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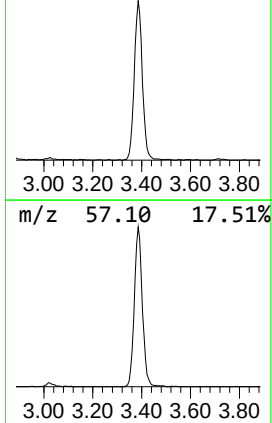
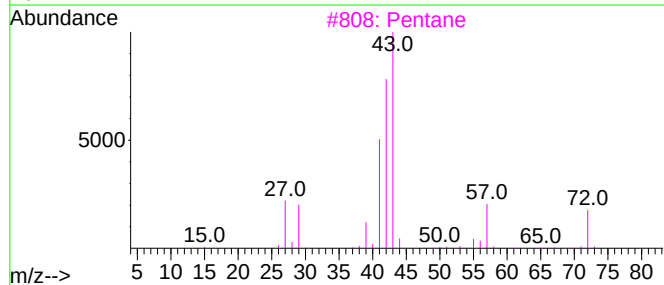
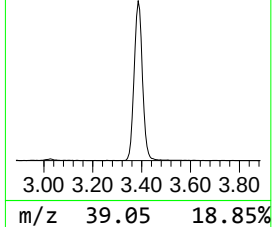
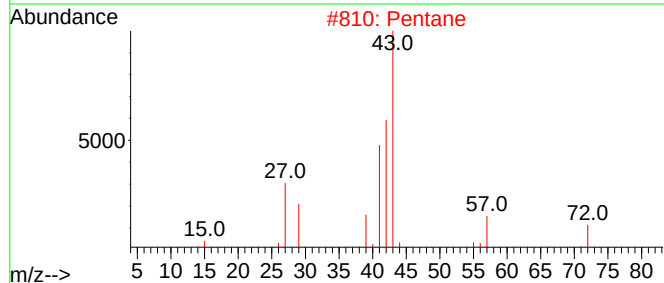
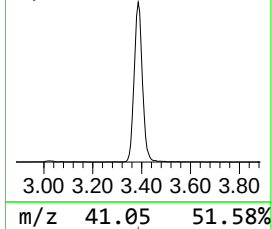
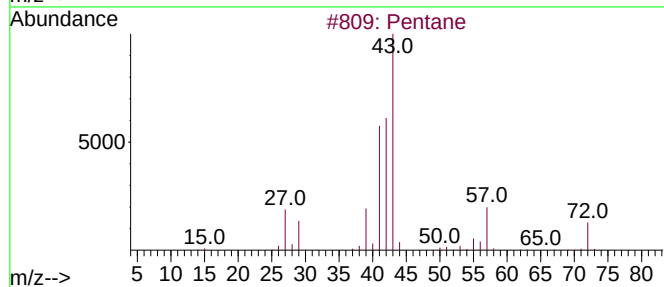
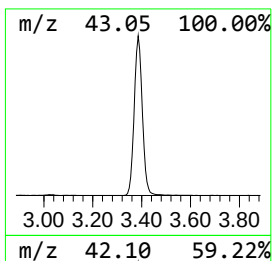
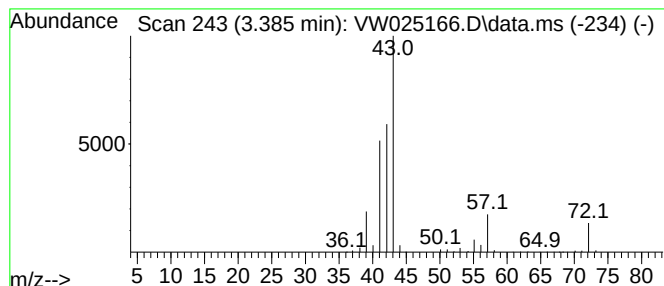
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.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	19.93 ug/L	975536	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	90
3	Pentane			72	C5H12	000109-66-0	90
4	Pentane			72	C5H12	000109-66-0	90
5	Pentane			72	C5H12	000109-66-0	86



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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
Acetaldehyde	2.489	1.3	ug/L	61326	1	8.842	1223550	25.0
(DEL) Alkane: S...	3.385	19.9	ug/L	975536	1	8.842	1223550	25.0