

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075514.D
 Acq On : 20 Mar 2023 13:28
 Operator : KP/SY
 Sample : 01980-03
 Misc : 8.76G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EYGC3

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_D\Method\SFAMDLM030123SMA.M
 Title : SFAM01.0

Signal : TIC: VD075514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	13	25	38	rBV	594483	1181371	100.00%	16.031%
2	2.275	112	117	125	rVB	98567	149165	12.63%	2.024%
3	2.423	136	142	153	rBV	79730	136619	11.56%	1.854%
4	2.805	201	207	216	rVB	85390	163444	13.84%	2.218%
5	3.175	268	270	272	rBV2	1252	987	0.08%	0.013%
6	3.305	286	292	299	rVB5	7267	16294	1.38%	0.221%
7	3.452	313	317	324	rVV5	1809	4386	0.37%	0.060%
8	3.787	373	374	377	rVV2	942	794	0.07%	0.011%
9	3.917	386	396	406	rBV2	75776	203087	17.19%	2.756%
10	4.022	406	414	426	rVB2	25421	69994	5.92%	0.950%
11	4.152	432	436	437	rBV4	1158	1584	0.13%	0.021%
12	4.217	445	447	450	rBV2	526	611	0.05%	0.008%
13	4.264	453	455	458	rBV2	1244	1699	0.14%	0.023%
14	4.481	490	492	494	rBV	716	593	0.05%	0.008%
15	4.558	499	505	507	rBV4	3351	6808	0.58%	0.092%
16	4.669	521	524	525	rBV	708	687	0.06%	0.009%
17	4.799	537	546	555	rVB5	9743	29308	2.48%	0.398%
18	5.046	582	588	603	rVB4	5995	20197	1.71%	0.274%
19	5.675	688	695	696	rBV2	2326	4086	0.35%	0.055%
20	5.834	717	722	723	rBV3	1849	2538	0.21%	0.034%
21	5.964	741	744	746	rBV	542	597	0.05%	0.008%
22	5.999	748	750	751	rBV2	1149	913	0.08%	0.012%
23	6.099	764	767	769	rBV2	567	636	0.05%	0.009%
24	6.140	772	774	777	rBV2	549	675	0.06%	0.009%
25	6.405	816	819	820	rBV	752	596	0.05%	0.008%
26	6.434	820	824	826	rVB2	516	608	0.05%	0.008%
27	6.469	829	830	834	rVB2	583	578	0.05%	0.008%
28	6.522	834	839	842	rBV2	600	988	0.08%	0.013%
29	6.799	879	886	894	rVB4	5828	15338	1.30%	0.208%
30	6.987	907	918	928	rBV2	23010	67900	5.75%	0.921%
31	7.063	929	931	933	rBV3	2356	2481	0.21%	0.034%
32	7.163	946	948	955	rVB3	878	1056	0.09%	0.014%
33	7.381	984	985	988	rVB2	664	585	0.05%	0.008%
34	7.458	996	998	1000	rBV	586	568	0.05%	0.008%
35	7.563	1007	1016	1031	rVB	115624	287065	24.30%	3.895%
36	7.863	1064	1067	1068	rBV	577	558	0.05%	0.008%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Title : SFAM01.0

37	8.058	1098	1100	1103	rBV2	659	814	0.07%	0.011%
38	8.087	1103	1105	1108	rVB2	781	797	0.07%	0.011%
39	8.116	1108	1110	1112	rBV2	687	631	0.05%	0.009%
40	8.199	1115	1124	1141	rVV3	197649	614809	52.04%	8.343%
41	8.334	1143	1147	1151	rVB3	1822	2870	0.24%	0.039%
42	8.475	1167	1171	1172	rBV2	3833	4694	0.40%	0.064%
43	8.634	1194	1198	1204	rVB3	5742	11103	0.94%	0.151%
44	8.710	1209	1211	1213	rBV	571	557	0.05%	0.008%
45	8.775	1214	1222	1232	rVV	320921	637538	53.97%	8.651%
46	8.881	1239	1240	1243	rVB2	854	597	0.05%	0.008%
47	9.010	1260	1262	1266	rVV	929	1035	0.09%	0.014%
48	9.210	1288	1296	1304	rBV	142516	295141	24.98%	4.005%
49	9.346	1314	1319	1331	rVB3	25640	48714	4.12%	0.661%
50	9.763	1387	1390	1393	rVB2	1215	1051	0.09%	0.014%
51	9.975	1419	1426	1435	rBV	79228	146204	12.38%	1.984%
52	10.063	1439	1441	1443	rVV2	889	961	0.08%	0.013%
53	10.104	1445	1448	1451	rBV	666	792	0.07%	0.011%
54	10.269	1468	1476	1485	rBV	273708	496698	42.04%	6.740%
55	10.457	1505	1508	1510	rVB2	1427	1305	0.11%	0.018%
56	10.528	1513	1520	1526	rBV	53380	95665	8.10%	1.298%
57	10.669	1536	1544	1550	rBV2	12271	23621	2.00%	0.321%
58	10.799	1563	1566	1568	rBV3	825	769	0.07%	0.010%
59	10.875	1572	1579	1589	rBV	88682	157195	13.31%	2.133%
60	11.022	1597	1604	1614	rVV	171796	289148	24.48%	3.924%
61	11.263	1644	1645	1648	rVB	1002	652	0.06%	0.009%
62	11.581	1691	1699	1711	rVV	421365	727419	61.57%	9.871%
63	11.793	1730	1735	1743	rVB4	8160	15263	1.29%	0.207%
64	11.904	1749	1754	1760	rVB5	5044	8622	0.73%	0.117%
65	12.128	1787	1792	1796	rBV3	1016	1835	0.16%	0.025%
66	12.298	1815	1821	1828	rVV2	15391	25043	2.12%	0.340%
67	12.463	1847	1849	1850	rBV	727	626	0.05%	0.008%
68	12.581	1863	1869	1875	rVV2	30514	48919	4.14%	0.664%
69	12.651	1875	1881	1889	rVB	166220	267292	22.63%	3.627%
70	12.763	1898	1900	1903	rBV2	832	706	0.06%	0.010%
71	12.857	1913	1916	1919	rBV2	1481	1856	0.16%	0.025%
72	12.898	1919	1923	1927	rVV3	4865	7080	0.60%	0.096%
73	12.951	1931	1932	1935	rVV2	776	619	0.05%	0.008%
74	13.010	1940	1942	1946	rBV2	2099	2459	0.21%	0.033%
75	13.057	1946	1950	1954	rVB4	2152	2875	0.24%	0.039%
76	13.110	1957	1959	1960	rBV	1083	632	0.05%	0.009%

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 Title : SFAM01.0

77	13.228	1973	1979	1989	rVB2	24473	43006	3.64%	0.584%
78	13.363	1996	2002	2006	rBV4	9559	13537	1.15%	0.184%
79	13.463	2014	2019	2021	rVB3	1879	2326	0.20%	0.032%
80	13.522	2021	2029	2036	rBV	345130	562684	47.63%	7.636%
81	13.622	2042	2046	2050	rVB4	5182	7740	0.66%	0.105%
82	13.734	2063	2065	2068	rBV2	645	643	0.05%	0.009%
83	13.816	2071	2079	2086	rBV	220713	362781	30.71%	4.923%
84	13.993	2106	2109	2112	rVV2	1356	1816	0.15%	0.025%
85	14.051	2113	2119	2125	rVV4	12225	21200	1.79%	0.288%
86	14.298	2156	2161	2165	rBV5	5730	7952	0.67%	0.108%
87	14.416	2179	2181	2185	rBV2	793	1109	0.09%	0.015%
88	14.463	2188	2189	2192	rBV2	839	649	0.05%	0.009%
89	14.545	2201	2203	2204	rBV	557	558	0.05%	0.008%
90	14.651	2219	2221	2225	rVB2	863	882	0.07%	0.012%
91	14.704	2227	2230	2234	rBV2	917	1022	0.09%	0.014%
92	14.828	2250	2251	2253	rBV	783	653	0.06%	0.009%
93	14.922	2264	2267	2271	rBV2	2098	2642	0.22%	0.036%
94	14.992	2278	2279	2284	rVB2	899	811	0.07%	0.011%
95	15.098	2294	2297	2302	rVB3	1711	3085	0.26%	0.042%
96	15.216	2316	2317	2320	rBV2	1020	995	0.08%	0.014%
97	15.487	2359	2363	2368	rVB	7864	11174	0.95%	0.152%
98	15.610	2382	2384	2386	rBV2	736	648	0.05%	0.009%
99	15.716	2400	2402	2403	rBV2	1074	598	0.05%	0.008%
100	16.298	2499	2501	2503	rBV	623	695	0.06%	0.009%

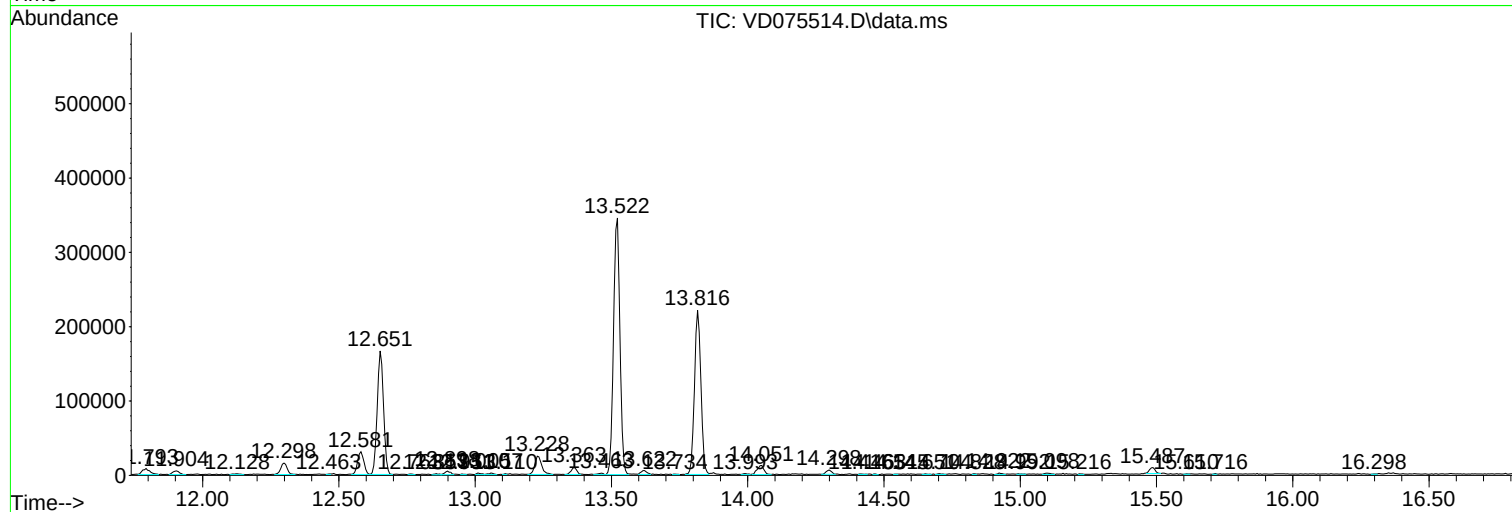
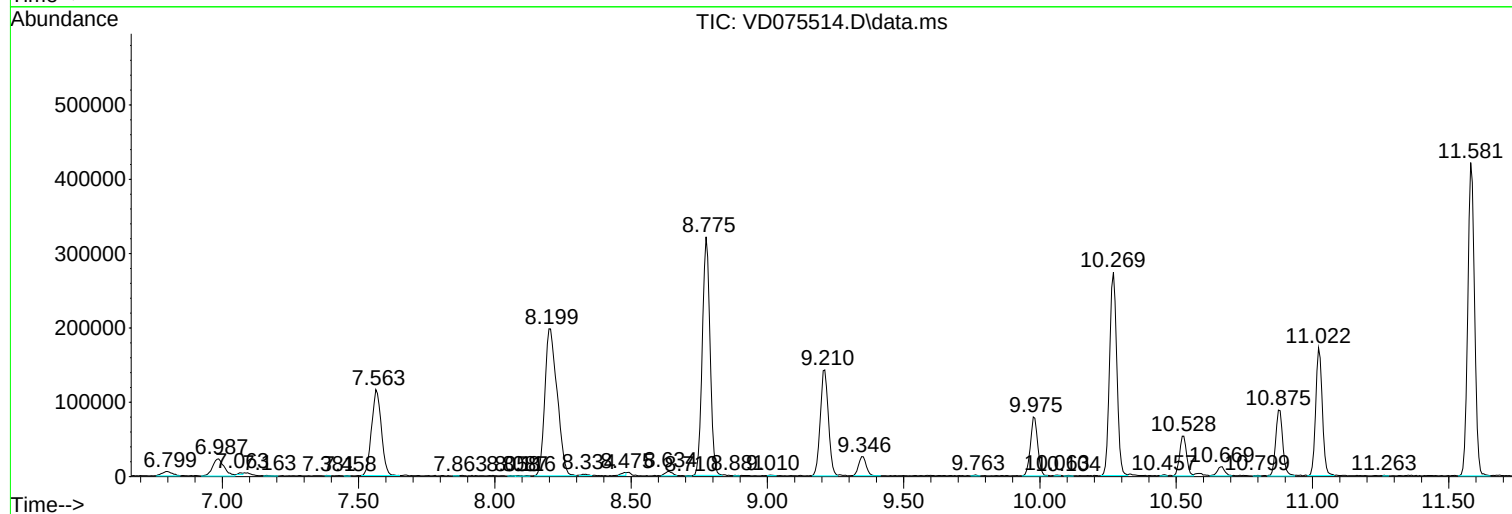
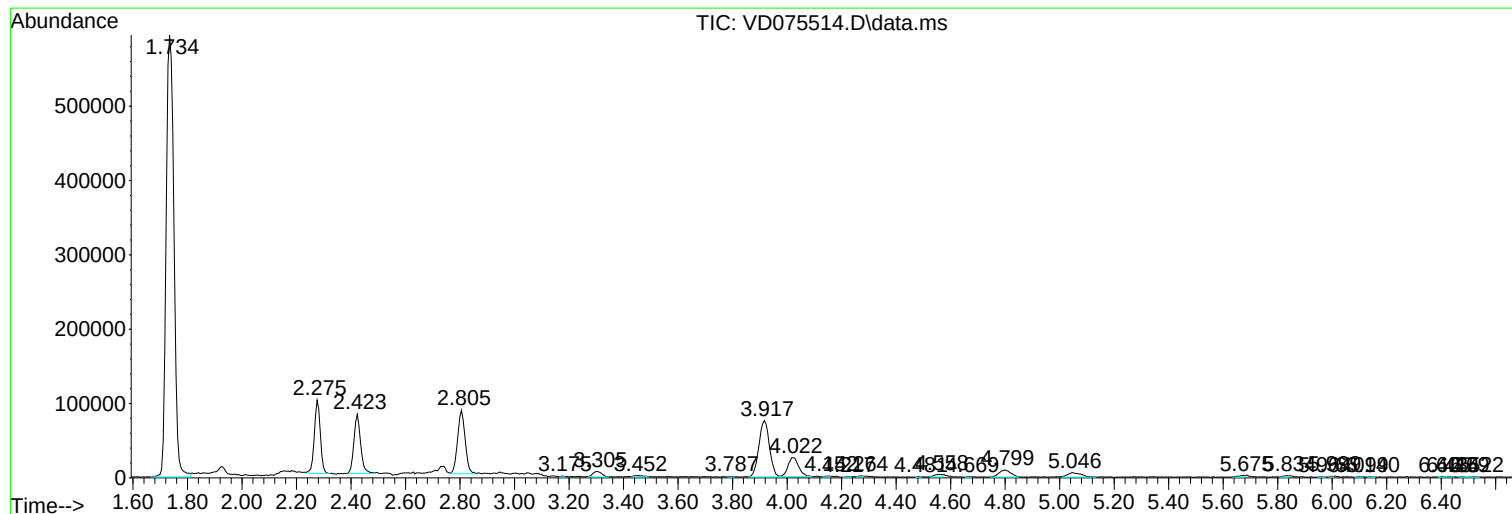
Sum of corrected areas: 7369207

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Instrument :
MSVOA_D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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



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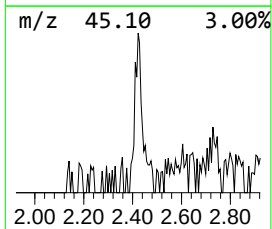
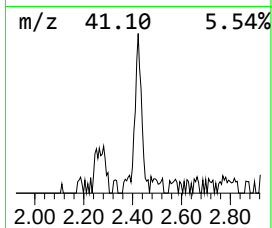
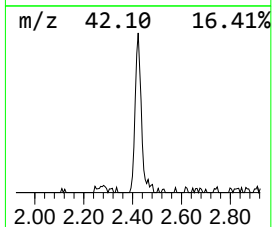
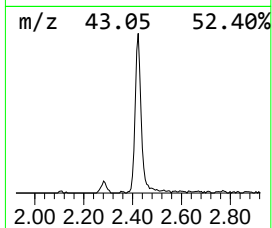
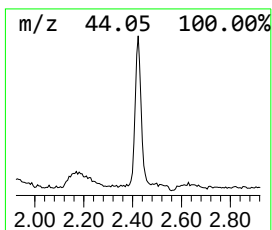
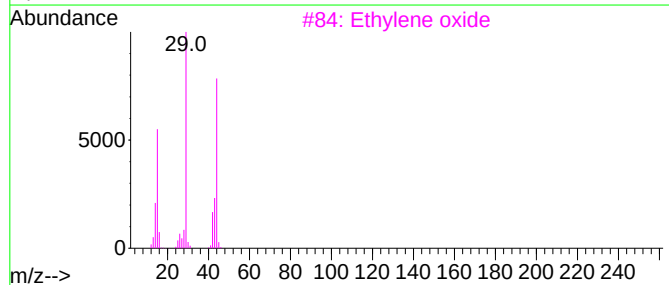
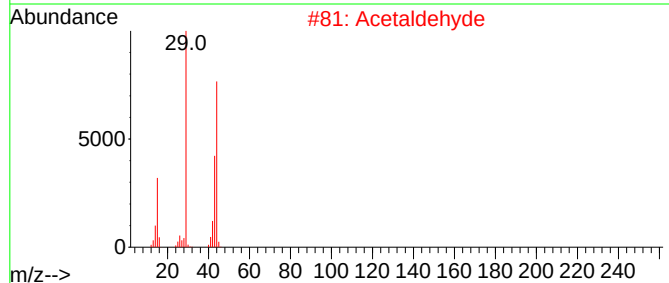
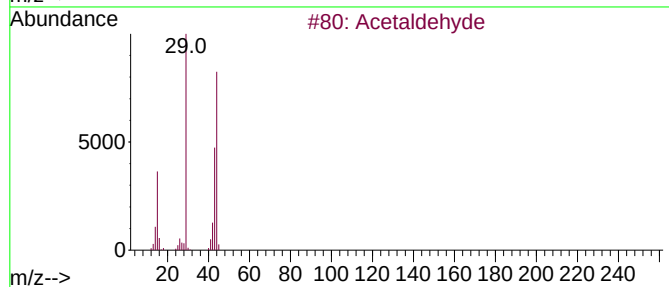
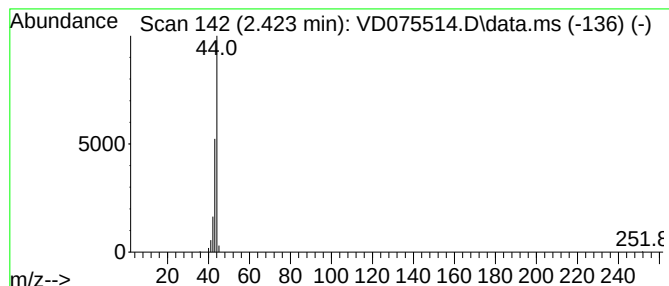
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.423	5.36 ug/L	136619	1,4-Difluorobenzene	8.775

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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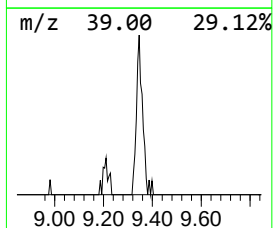
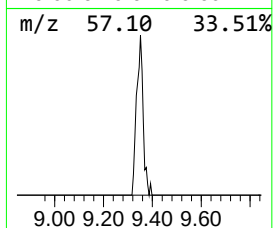
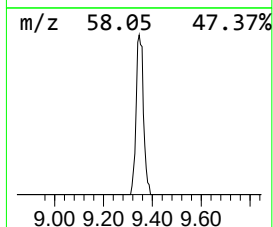
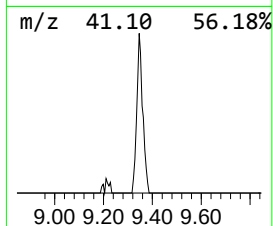
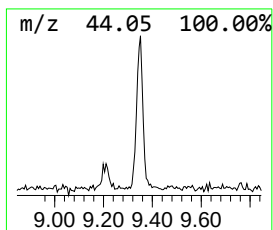
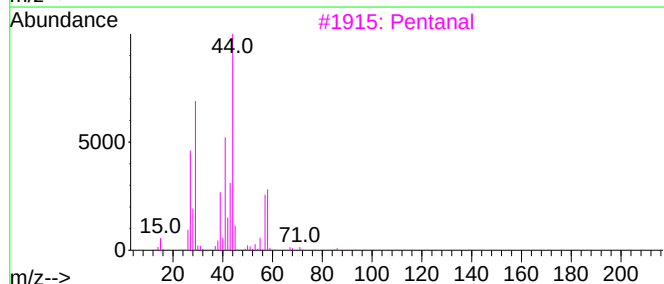
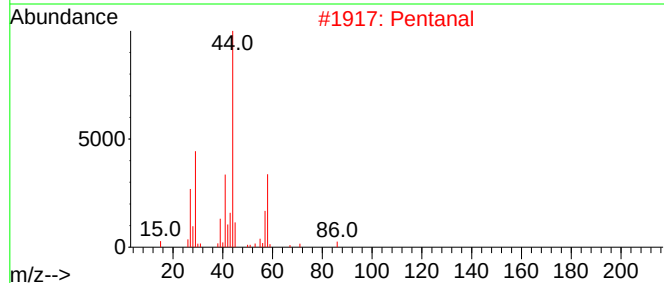
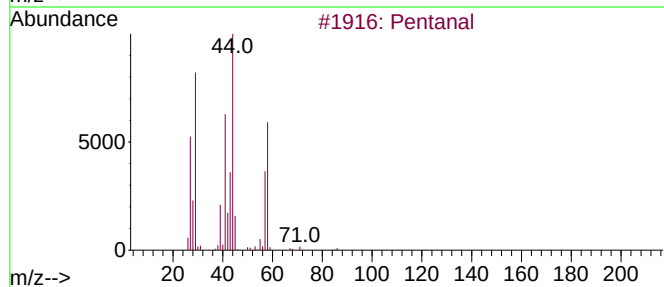
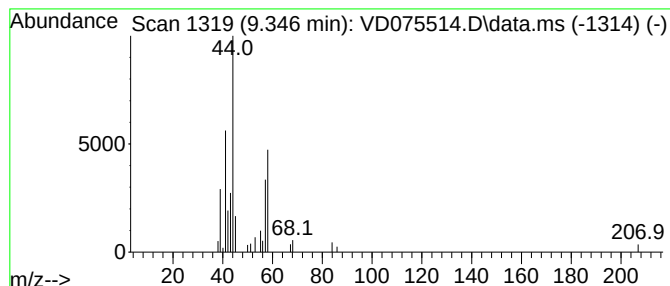
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	1.91 ug/L	48714	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	72
2	Pentanal			86	C5H10O	000110-62-3	72
3	Pentanal			86	C5H10O	000110-62-3	59
4	Acetamide, 2-cyano-			84	C3H4N2O	000107-91-5	46
5	Acetamide, 2-cyano-			84	C3H4N2O	000107-91-5	43



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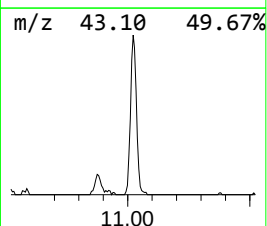
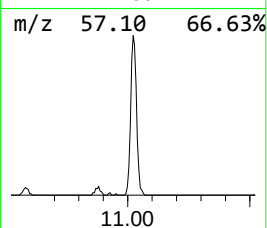
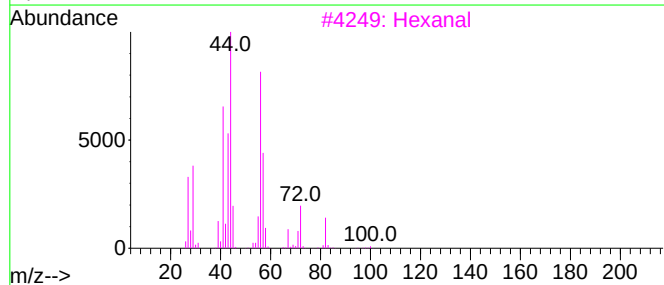
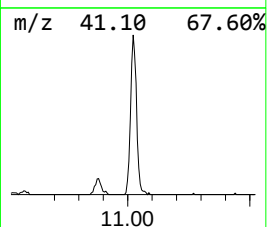
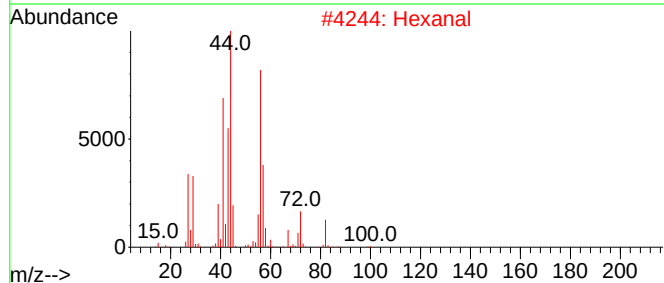
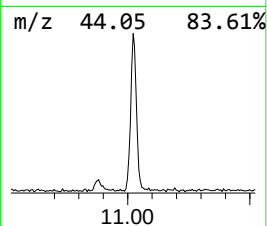
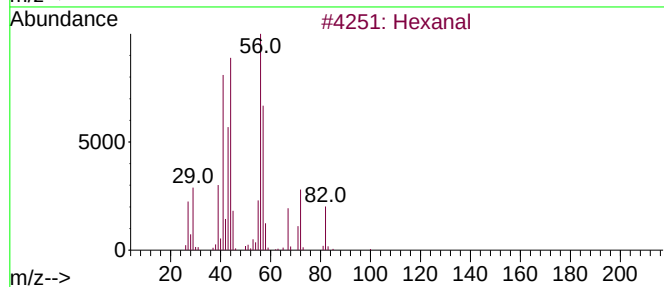
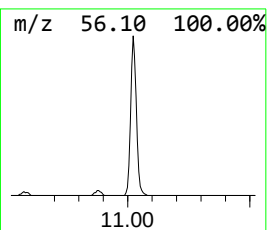
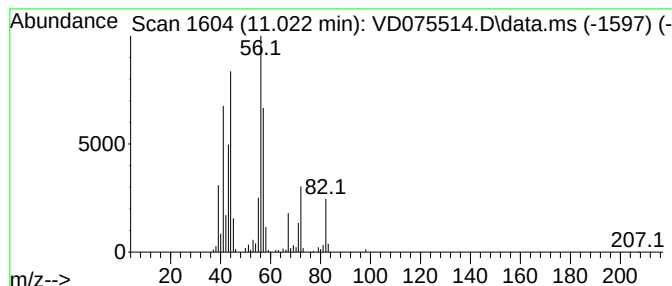
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	9.94 ug/L	289148	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	90
2	Hexanal			100	C6H12O	000066-25-1	83
3	Hexanal			100	C6H12O	000066-25-1	83
4	Hexanal			100	C6H12O	000066-25-1	83
5	Hexanal			100	C6H12O	000066-25-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
Data File : VD075514.D
Acq On : 20 Mar 2023 13:28
Operator : KP/SY
Sample : 01980-03
Misc : 8.76G/10.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EYGC3

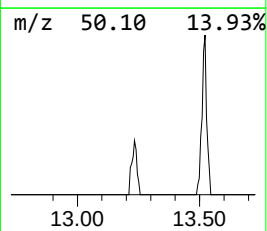
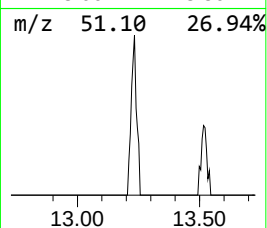
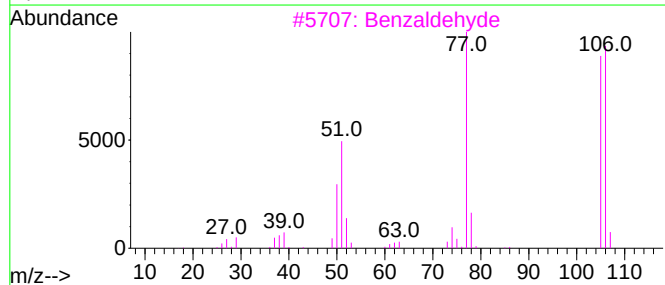
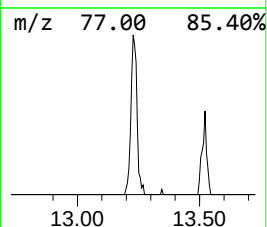
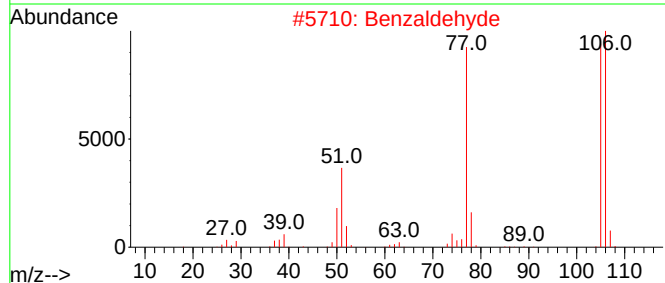
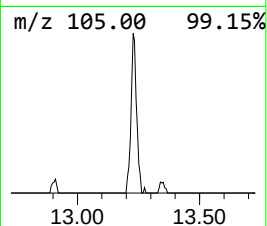
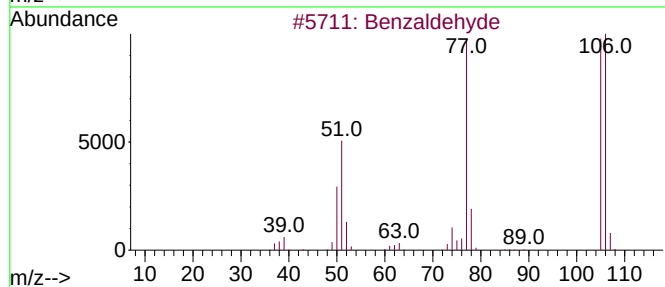
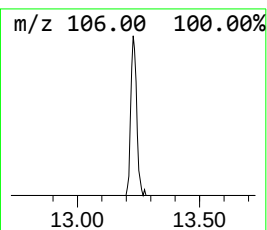
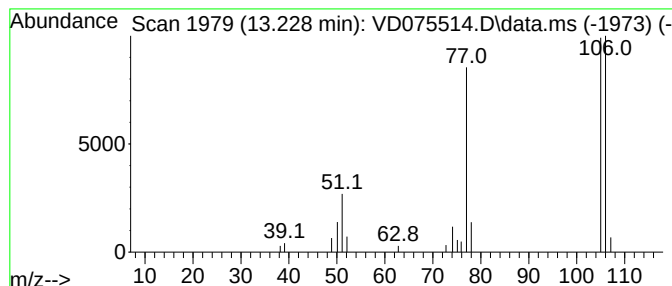
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Quant Title : SFAM01.0

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.
13.228	1.91 ug/L	43006	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde	106	C7H6O	000100-52-7	91
2			Benzaldehyde	106	C7H6O	000100-52-7	91
3			Benzaldehyde	106	C7H6O	000100-52-7	91
4			Benzaldehyde	106	C7H6O	000100-52-7	91
5			Benzaldehyde	106	C7H6O	000100-52-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
Data File : VD075514.D
Acq On : 20 Mar 2023 13:28
Operator : KP/SY
Sample : 01980-03
Misc : 8.76G/10.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EYGC3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.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
Acetaldehyde	2.423	5.4	ug/L	136619	1	8.775	637538	25.0
Pentanal	9.346	1.9	ug/L	48714	1	8.775	637538	25.0
Hexanal	11.022	9.9	ug/L	289148	2	11.581	727419	25.0
Benzaldehyde	13.228	1.9	ug/L	43006	3	13.522	562684	25.0