

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075515.D
 Acq On : 20 Mar 2023 14:01
 Operator : KP/SY
 Sample : 01980-04
 Misc : 7.26G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EYGC4

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: VD075515.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.669	11	14	15	rBV	595	616	0.05%	0.008%
2	1.734	15	25	36	rBV	621329	1209570	100.00%	15.891%
3	2.275	112	117	125	rVB	124857	183106	15.14%	2.406%
4	2.422	137	142	150	rVB	66231	112078	9.27%	1.472%
5	2.799	200	206	217	rVB	100773	196466	16.24%	2.581%
6	3.216	275	277	280	rBV2	651	654	0.05%	0.009%
7	3.305	285	292	298	rVB5	2900	6535	0.54%	0.086%
8	3.434	313	314	315	rBV	1240	720	0.06%	0.009%
9	3.616	344	345	349	rBV2	914	1071	0.09%	0.014%
10	3.675	353	355	357	rBV2	463	596	0.05%	0.008%
11	3.916	384	396	406	rBV2	89285	232476	19.22%	3.054%
12	4.022	408	414	423	rVV	18788	49890	4.12%	0.655%
13	4.111	427	429	432	rBV2	595	549	0.05%	0.007%
14	4.440	481	485	486	rBV	601	558	0.05%	0.007%
15	4.458	486	488	490	rVB	685	550	0.05%	0.007%
16	4.487	490	493	495	rBV	353	531	0.04%	0.007%
17	4.546	501	503	509	rVB	789	1006	0.08%	0.013%
18	4.640	516	519	522	rBV	419	524	0.04%	0.007%
19	4.705	528	530	533	rVB	482	485	0.04%	0.006%
20	4.799	538	546	547	rBV3	9731	18253	1.51%	0.240%
21	4.881	559	560	565	rVB	743	750	0.06%	0.010%
22	5.022	581	584	585	rBV2	1295	1217	0.10%	0.016%
23	5.293	626	630	633	rBV2	623	824	0.07%	0.011%
24	5.657	689	692	693	rBV	1130	1177	0.10%	0.015%
25	5.787	711	714	715	rVB	794	774	0.06%	0.010%
26	5.816	717	719	721	rBV2	934	977	0.08%	0.013%
27	6.181	778	781	783	rBV	445	540	0.04%	0.007%
28	6.234	788	790	793	rVB2	635	586	0.05%	0.008%
29	6.269	793	796	797	rBV	560	540	0.04%	0.007%
30	6.340	804	808	810	rBV2	402	529	0.04%	0.007%
31	6.804	877	887	895	rVB5	3975	12236	1.01%	0.161%
32	6.987	907	918	928	rBV	24765	70172	5.80%	0.922%
33	7.228	956	959	961	rBV2	586	547	0.05%	0.007%
34	7.399	986	988	991	rVB2	815	615	0.05%	0.008%
35	7.428	991	993	996	rVB2	657	582	0.05%	0.008%
36	7.452	996	997	1000	rBV	554	651	0.05%	0.009%

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 Title : SFAM01.0

37	7.569	1007	1017	1033	rVB	137063	342143	28.29%	4.495%
38	7.946	1079	1081	1086	rBV2	700	1188	0.10%	0.016%
39	8.204	1115	1125	1140	rBV2	229715	706315	58.39%	9.279%
40	8.340	1145	1148	1151	rVB2	949	1155	0.10%	0.015%
41	8.481	1165	1172	1179	rBV3	4104	8816	0.73%	0.116%
42	8.634	1192	1198	1206	rBV2	4854	9049	0.75%	0.119%
43	8.775	1213	1222	1235	rBV	287994	582526	48.16%	7.653%
44	8.922	1246	1247	1249	rVB	1113	574	0.05%	0.008%
45	8.957	1249	1253	1256	rBV3	829	1241	0.10%	0.016%
46	8.993	1256	1259	1261	rVV2	551	673	0.06%	0.009%
47	9.010	1261	1262	1270	rVV3	1035	1793	0.15%	0.024%
48	9.210	1287	1296	1306	rBV	167880	344656	28.49%	4.528%
49	9.351	1312	1320	1328	rBV	17110	32561	2.69%	0.428%
50	9.440	1333	1335	1337	rBV2	567	561	0.05%	0.007%
51	9.598	1360	1362	1364	rVV	943	701	0.06%	0.009%
52	9.657	1369	1372	1373	rBV	526	583	0.05%	0.008%
53	9.981	1417	1427	1437	rBV	89317	169209	13.99%	2.223%
54	10.269	1468	1476	1484	rBV	328224	588483	48.65%	7.731%
55	10.457	1506	1508	1513	rBV2	510	577	0.05%	0.008%
56	10.528	1513	1520	1527	rBV	60135	107479	8.89%	1.412%
57	10.663	1535	1543	1552	rBV	28748	53932	4.46%	0.709%
58	10.875	1573	1579	1591	rVB	99628	172603	14.27%	2.268%
59	11.022	1597	1604	1614	rBV	82698	141670	11.71%	1.861%
60	11.157	1626	1627	1632	rBV2	708	893	0.07%	0.012%
61	11.228	1637	1639	1642	rBV	872	742	0.06%	0.010%
62	11.357	1657	1661	1664	rVB3	1025	1382	0.11%	0.018%
63	11.387	1664	1666	1669	rBV2	671	663	0.05%	0.009%
64	11.581	1692	1699	1709	rBV	398054	684049	56.55%	8.987%
65	11.722	1721	1723	1724	rVV2	811	527	0.04%	0.007%
66	11.751	1726	1728	1730	rVV2	770	774	0.06%	0.010%
67	11.792	1732	1735	1742	rVB5	3454	6332	0.52%	0.083%
68	11.898	1749	1753	1757	rBV4	3384	5003	0.41%	0.066%
69	12.063	1779	1781	1787	rVB2	755	686	0.06%	0.009%
70	12.116	1787	1790	1792	rBV	773	732	0.06%	0.010%
71	12.298	1817	1821	1830	rVB4	11404	17821	1.47%	0.234%
72	12.469	1848	1850	1852	rBV2	1514	1042	0.09%	0.014%
73	12.534	1858	1861	1862	rBV	760	499	0.04%	0.007%
74	12.581	1863	1869	1875	rVV2	42448	64564	5.34%	0.848%
75	12.651	1875	1881	1890	rVB	185301	311757	25.77%	4.096%
76	12.751	1896	1898	1900	rBV	626	641	0.05%	0.008%

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 Title : SFAM01.0

77	12.898	1919	1923	1927	rVB2	3567	4482	0.37%	0.059%
78	13.016	1939	1943	1947	rVV4	1379	2318	0.19%	0.030%
79	13.234	1972	1980	1989	rBV2	18603	33831	2.80%	0.444%
80	13.363	1998	2002	2006	rVB4	7211	10142	0.84%	0.133%
81	13.522	2021	2029	2037	rBV	337661	552479	45.68%	7.258%
82	13.616	2040	2045	2053	rVB3	7600	10940	0.90%	0.144%
83	13.757	2067	2069	2072	rVB2	591	591	0.05%	0.008%
84	13.816	2072	2079	2087	rBV	298406	484172	40.03%	6.361%
85	13.992	2105	2109	2113	rVV3	1622	1778	0.15%	0.023%
86	14.045	2114	2118	2124	rVB2	11396	19104	1.58%	0.251%
87	14.175	2138	2140	2141	rVV	966	683	0.06%	0.009%
88	14.292	2157	2160	2164	rVB4	5895	6974	0.58%	0.092%
89	14.422	2179	2182	2183	rBV2	700	550	0.05%	0.007%
90	14.504	2194	2196	2197	rBV2	807	546	0.05%	0.007%
91	14.569	2205	2207	2208	rVB	1023	527	0.04%	0.007%
92	14.786	2242	2244	2247	rBV2	571	560	0.05%	0.007%
93	14.863	2253	2257	2258	rVB3	887	695	0.06%	0.009%
94	14.892	2260	2262	2264	rBV2	669	566	0.05%	0.007%
95	14.969	2271	2275	2276	rBV2	765	841	0.07%	0.011%
96	15.333	2333	2337	2342	rBV3	1104	2304	0.19%	0.030%
97	15.704	2398	2400	2401	rBV	605	510	0.04%	0.007%
98	15.880	2428	2430	2432	rBV2	624	542	0.04%	0.007%
99	16.539	2540	2542	2543	rBV	1104	696	0.06%	0.009%
100	16.610	2552	2554	2555	rVB	1133	506	0.04%	0.007%

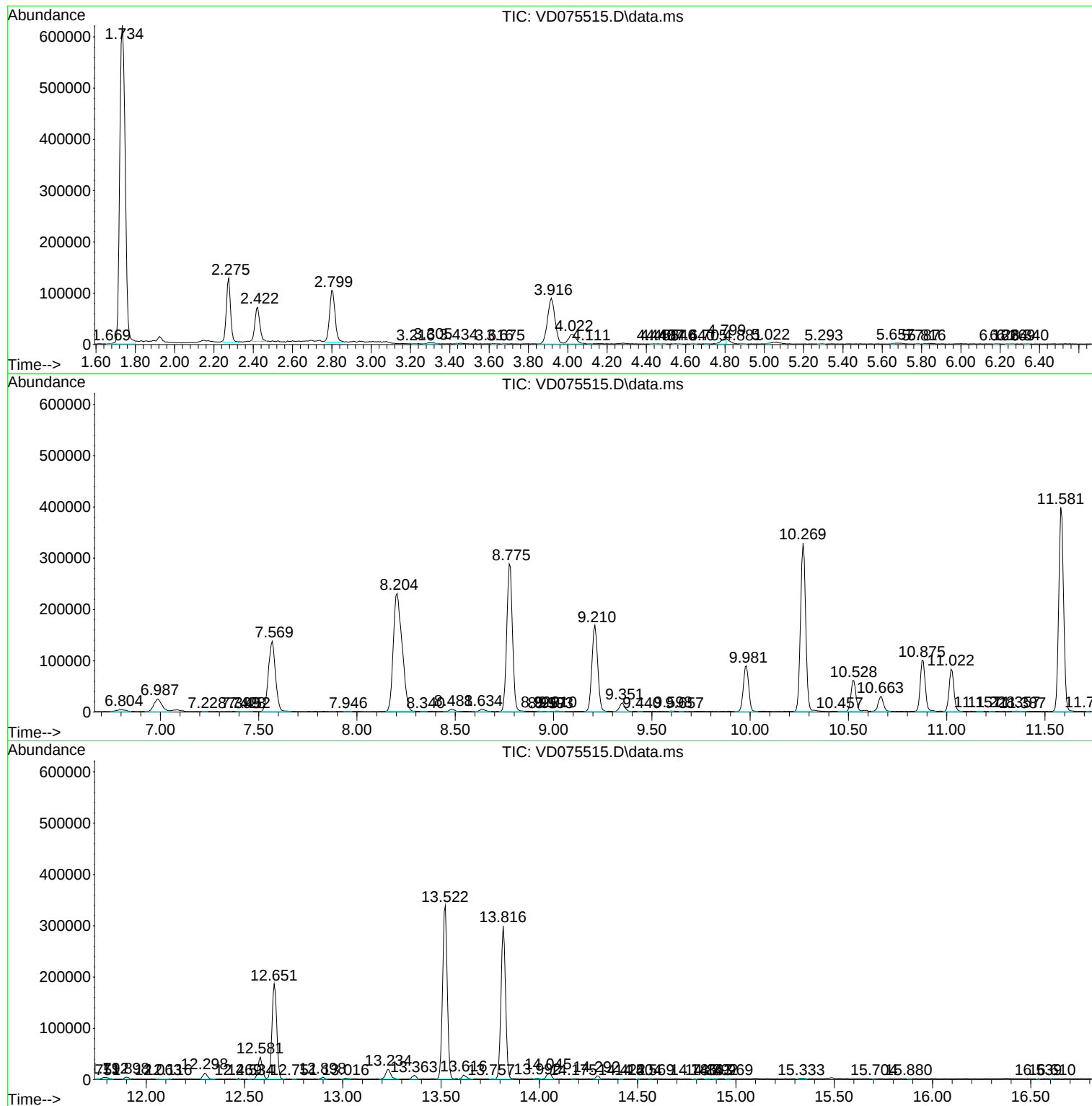
Sum of corrected areas: 7611883

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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
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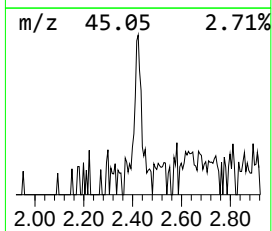
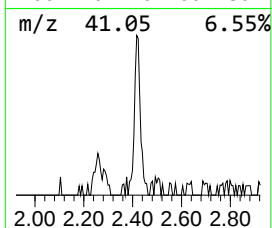
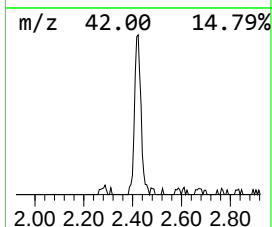
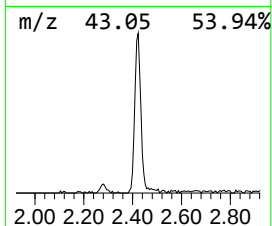
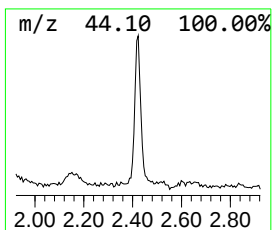
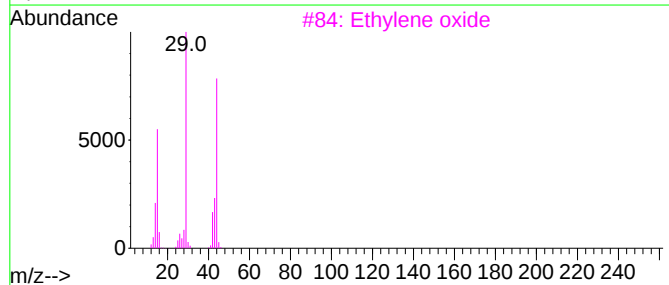
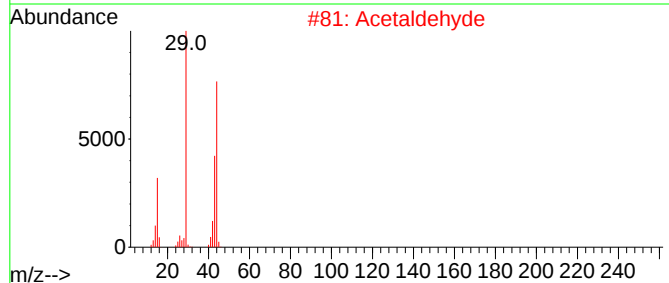
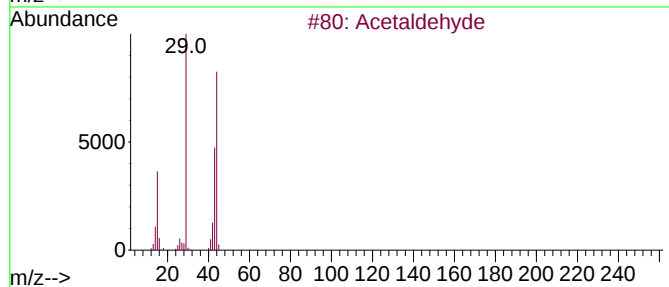
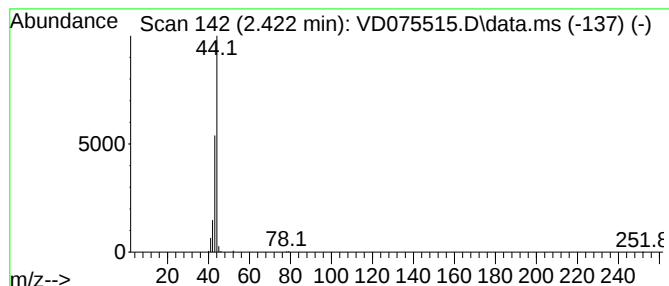
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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.
2.422	4.81 ug/L	112078	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	64
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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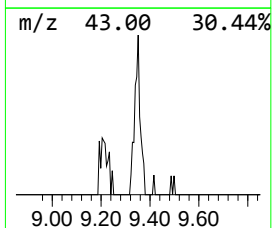
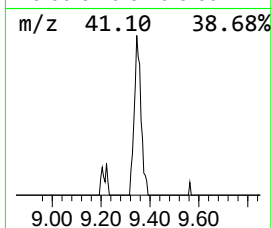
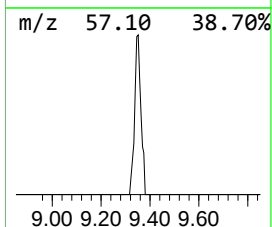
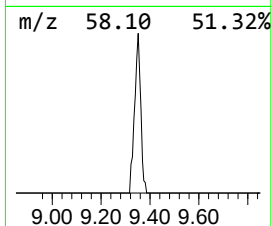
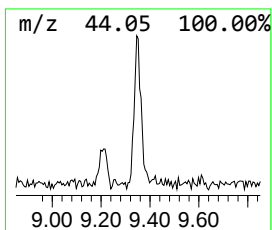
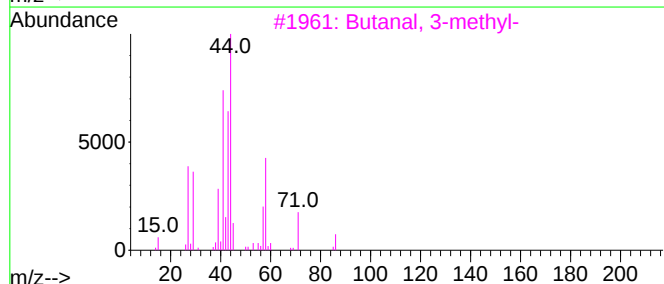
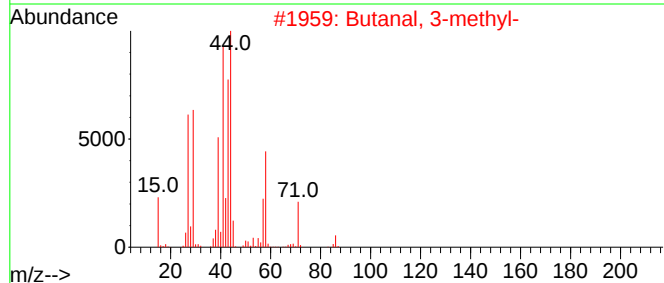
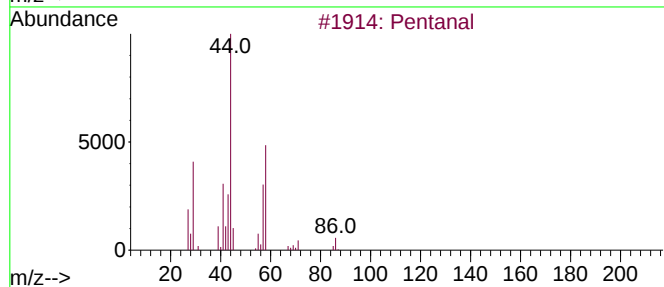
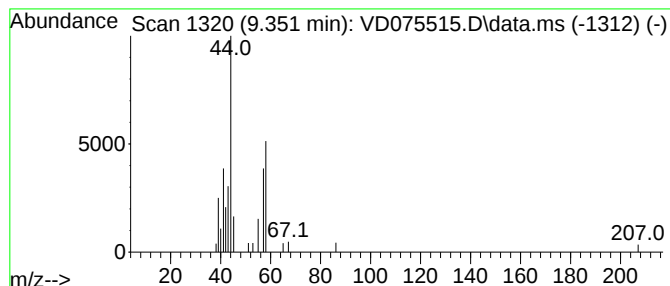
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Pentanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	1.40 ug/L	32561	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	50
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	39
4			Pentanal	86	C5H10O	000110-62-3	17
5			Allyl ethyl ether	86	C5H10O	000557-31-3	9



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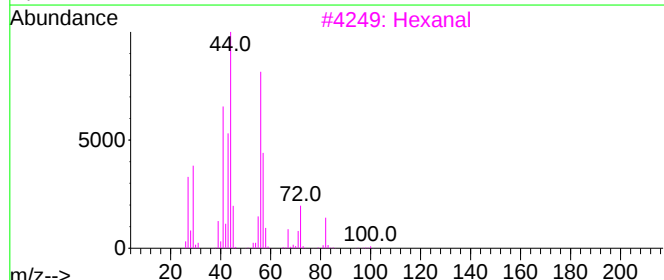
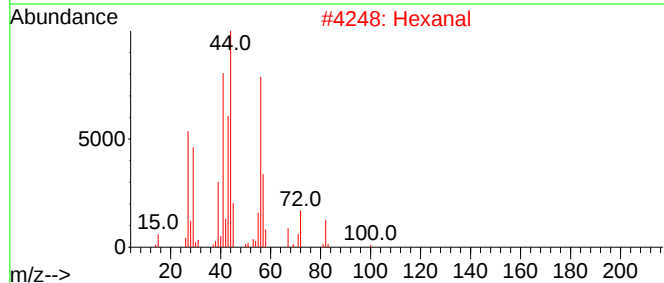
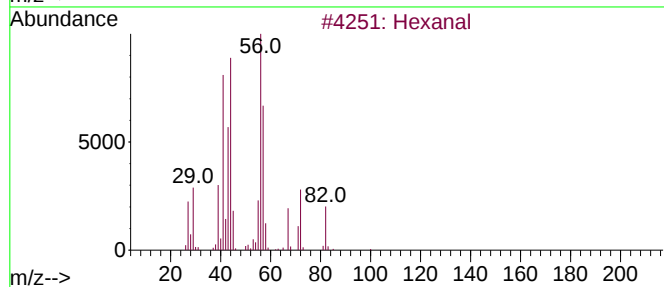
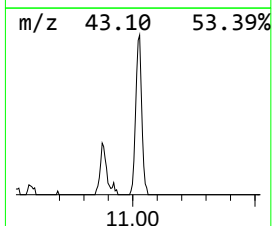
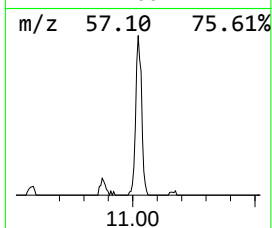
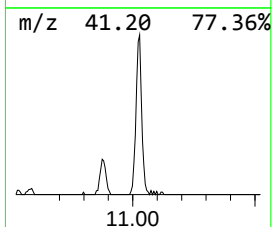
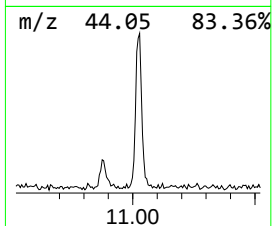
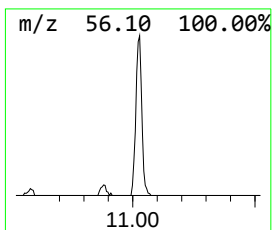
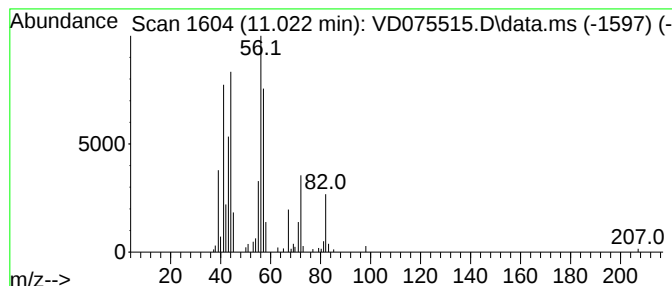
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	5.18 ug/L	141670	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	78
3	Hexanal			100	C6H12O	000066-25-1	78
4	Hexanal			100	C6H12O	000066-25-1	78
5	Hexanal			100	C6H12O	000066-25-1	56



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Operator : KP/SY
Sample : 01980-04
Misc : 7.26G/10.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

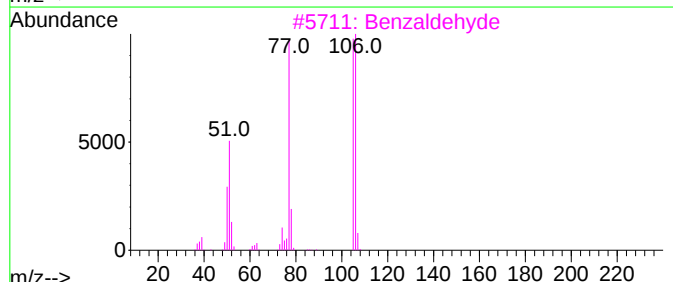
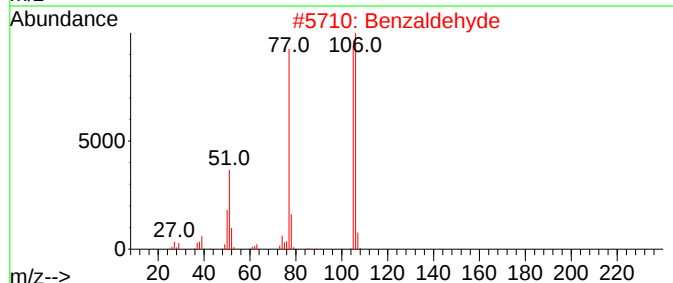
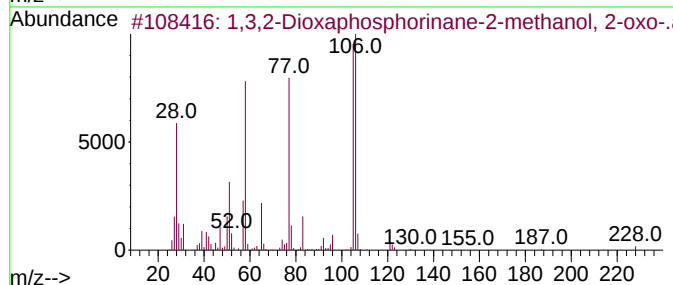
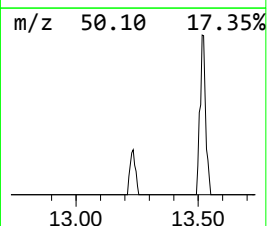
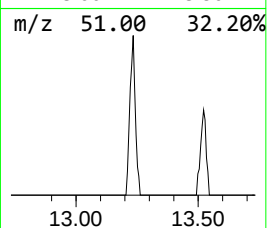
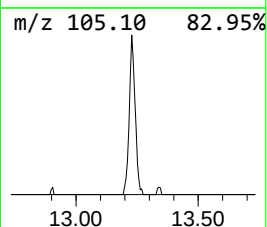
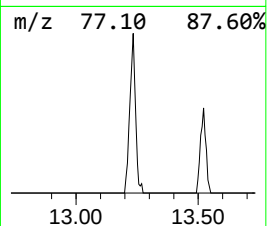
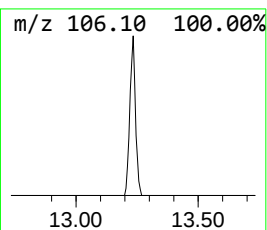
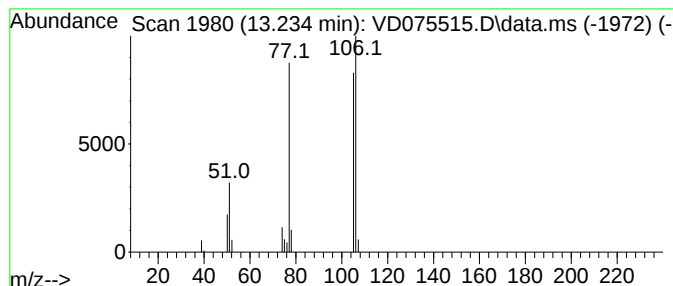
Instrument :
MSVOA_D
ClientSampleId :
EYGC4

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 8 1,3,2-Dioxaphosphorinane-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.234	1.53 ug/L	33831	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,3,2-Dioxaphosphorinane-2-metha...		228	C10H13O4P	093786-70-0	78
2	Benzaldehyde		106	C7H6O	000100-52-7	78
3	Benzaldehyde		106	C7H6O	000100-52-7	56
4	Acetophenone, 2-chloro-		154	C8H7ClO	000532-27-4	50
5	Ethanone, 2,2-dihydroxy-1-phenyl-		152	C8H8O3	001075-06-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
Data File : VD075515.D
Acq On : 20 Mar 2023 14:01
Operator : KP/SY
Sample : 01980-04
Misc : 7.26G/10.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EYGC4

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	2.422	4.8	ug/L	112078	1	8.775	582526	25.0
Pentanal	9.351	1.4	ug/L	32561	1	8.775	582526	25.0
Hexanal	11.022	5.2	ug/L	141670	2	11.581	684049	25.0
1,3,2-Dioxaphos...	13.234	1.5	ug/L	33831	3	13.516	552479	25.0