

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075940.D
 Acq On : 01 May 2023 15:30
 Operator : KP/SY
 Sample : 02564-02
 Misc : 5.69G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCE4

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\SFAMDLM042023SMA.M
 Title : SFAM01.0

Signal : TIC: VD075940.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.652	8	11	13	rBV2	579	640	0.04%	0.005%
2	1.740	13	26	38	rBV	745835	1456047	100.00%	11.806%
3	2.128	90	92	93	rBV2	1371	971	0.07%	0.008%
4	2.269	111	116	124	rVB	140854	207452	14.25%	1.682%
5	2.416	135	141	153	rBV	378811	625059	42.93%	5.068%
6	2.728	190	194	199	rBV	9430	16256	1.12%	0.132%
7	2.799	200	206	216	rVB	115817	217634	14.95%	1.765%
8	3.311	290	293	296	rBV2	707	871	0.06%	0.007%
9	3.452	311	317	321	rBV4	2422	5156	0.35%	0.042%
10	3.628	341	347	355	rBV2	8024	17721	1.22%	0.144%
11	3.793	373	375	377	rBV2	949	723	0.05%	0.006%
12	3.911	386	395	404	rVV2	112384	300461	20.64%	2.436%
13	4.022	404	414	428	rVB	414138	1123448	77.16%	9.110%
14	4.258	451	454	455	rBV2	2639	2373	0.16%	0.019%
15	4.358	469	471	477	rVB3	671	881	0.06%	0.007%
16	4.469	487	490	491	rBV	1379	1340	0.09%	0.011%
17	4.505	491	496	502	rVV3	2299	5445	0.37%	0.044%
18	4.799	535	546	557	rVB2	24921	75743	5.20%	0.614%
19	5.005	579	581	584	rVB2	672	780	0.05%	0.006%
20	5.069	590	592	595	rBV2	637	744	0.05%	0.006%
21	5.263	623	625	630	rVB2	687	1115	0.08%	0.009%
22	5.299	630	631	634	rBV	732	613	0.04%	0.005%
23	5.452	654	657	659	rVB	1086	830	0.06%	0.007%
24	5.675	685	695	707	rBV2	31805	102570	7.04%	0.832%
25	5.834	715	722	723	rBV4	3398	6384	0.44%	0.052%
26	5.999	745	750	757	rVV3	2210	5374	0.37%	0.044%
27	6.193	780	783	786	rBV2	651	827	0.06%	0.007%
28	6.369	810	813	816	rVB	784	757	0.05%	0.006%
29	6.487	831	833	836	rVV	1004	1256	0.09%	0.010%
30	6.787	875	884	885	rBV2	2161	3402	0.23%	0.028%
31	6.987	910	918	925	rBV	19926	54953	3.77%	0.446%
32	7.081	926	934	945	rVB	73154	193198	13.27%	1.567%
33	7.228	957	959	962	rBV	596	838	0.06%	0.007%
34	7.363	978	982	983	rBV2	1101	1174	0.08%	0.010%
35	7.428	991	993	995	rBV	857	863	0.06%	0.007%
36	7.563	1006	1016	1029	rVV	177312	458385	31.48%	3.717%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Title : SFAM01.0

37	7.981	1086	1087	1090	rBV2	824	879	0.06%	0.007%
38	8.069	1099	1102	1103	rBV	669	657	0.05%	0.005%
39	8.204	1115	1125	1146	rVV3	322173	969494	66.58%	7.861%
40	8.422	1157	1162	1164	rBV3	855	1301	0.09%	0.011%
41	8.481	1164	1172	1181	rBV3	67227	150593	10.34%	1.221%
42	8.646	1192	1200	1210	rBV2	42623	95680	6.57%	0.776%
43	8.716	1210	1212	1213	rBV	1139	706	0.05%	0.006%
44	8.775	1213	1222	1233	rVV	580042	1167764	80.20%	9.469%
45	8.963	1252	1254	1255	rBV2	1338	1099	0.08%	0.009%
46	9.022	1258	1264	1271	rVB7	2754	6419	0.44%	0.052%
47	9.210	1288	1296	1306	rBV	228321	473843	32.54%	3.842%
48	9.363	1315	1322	1328	rBV7	3035	7138	0.49%	0.058%
49	9.463	1337	1339	1341	rBV	923	797	0.05%	0.006%
50	9.575	1356	1358	1362	rVB	540	759	0.05%	0.006%
51	9.757	1386	1389	1390	rVB	767	617	0.04%	0.005%
52	9.881	1408	1410	1414	rBV2	559	782	0.05%	0.006%
53	9.981	1419	1427	1435	rBV	109434	202250	13.89%	1.640%
54	10.075	1437	1443	1448	rBV5	3864	6786	0.47%	0.055%
55	10.157	1452	1457	1463	rBV2	4661	6725	0.46%	0.055%
56	10.269	1467	1476	1485	rBV	460025	824393	56.62%	6.685%
57	10.528	1513	1520	1526	rBV2	71171	124183	8.53%	1.007%
58	10.669	1539	1544	1548	rVB4	3872	6354	0.44%	0.052%
59	10.734	1553	1555	1558	rBV	678	733	0.05%	0.006%
60	10.810	1561	1568	1574	rBV	28556	50002	3.43%	0.405%
61	10.881	1574	1580	1594	rVV	75459	133025	9.14%	1.079%
62	11.028	1597	1605	1611	rVB4	4657	8807	0.60%	0.071%
63	11.351	1656	1660	1661	rBV3	1177	1251	0.09%	0.010%
64	11.581	1692	1699	1708	rVV	703179	1219364	83.74%	9.887%
65	11.687	1714	1717	1718	rBV2	1156	1088	0.07%	0.009%
66	11.751	1726	1728	1731	rBV2	963	949	0.07%	0.008%
67	11.787	1731	1734	1738	rBV3	2227	3401	0.23%	0.028%
68	12.063	1780	1781	1784	rVB	1394	717	0.05%	0.006%
69	12.139	1790	1794	1800	rVB4	2382	3984	0.27%	0.032%
70	12.198	1800	1804	1809	rVB4	2652	4559	0.31%	0.037%
71	12.251	1811	1813	1815	rVV2	736	781	0.05%	0.006%
72	12.304	1817	1822	1827	rVV2	2903	4361	0.30%	0.035%
73	12.581	1861	1869	1874	rVB5	5188	11506	0.79%	0.093%
74	12.651	1875	1881	1890	rVB	177286	297536	20.43%	2.413%
75	12.904	1922	1924	1928	rVB2	1604	1750	0.12%	0.014%
76	12.957	1928	1933	1935	rBV3	791	1211	0.08%	0.010%

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 Title : SFAM01.0

77	13.022	1940	1944	1946	rVB2	1012	948	0.07%	0.008%
78	13.163	1965	1968	1973	rBV3	2941	3928	0.27%	0.032%
79	13.234	1973	1980	1985	rBV2	15402	26994	1.85%	0.219%
80	13.328	1994	1996	1998	rBV	866	602	0.04%	0.005%
81	13.369	1999	2003	2009	rVB6	4433	7211	0.50%	0.058%
82	13.522	2022	2029	2036	rBV	579469	936585	64.32%	7.594%
83	13.816	2072	2079	2091	rVB	371533	625646	42.97%	5.073%
84	13.992	2108	2109	2112	rVB2	944	641	0.04%	0.005%
85	14.051	2115	2119	2125	rVV2	8473	11601	0.80%	0.094%
86	14.192	2141	2143	2148	rVB3	2549	2868	0.20%	0.023%
87	14.298	2159	2161	2169	rVB4	4335	4829	0.33%	0.039%
88	14.422	2180	2182	2183	rBV2	1178	788	0.05%	0.006%
89	14.475	2188	2191	2192	rBV2	1423	1066	0.07%	0.009%
90	14.598	2210	2212	2215	rVB2	1187	961	0.07%	0.008%
91	14.751	2236	2238	2239	rBV	1080	618	0.04%	0.005%
92	14.769	2239	2241	2245	rVB2	1286	1156	0.08%	0.009%
93	15.022	2282	2284	2285	rBV2	926	650	0.04%	0.005%
94	15.039	2285	2287	2292	rVV3	1677	2499	0.17%	0.020%
95	15.333	2332	2337	2343	rBV4	6164	11009	0.76%	0.089%
96	15.851	2423	2425	2426	rBV2	1144	658	0.05%	0.005%
97	15.933	2437	2439	2442	rBV3	1799	1865	0.13%	0.015%
98	16.098	2465	2467	2471	rBV2	1307	1739	0.12%	0.014%
99	16.169	2478	2479	2481	rVB	1333	641	0.04%	0.005%
100	16.516	2537	2538	2540	rBV	839	597	0.04%	0.005%

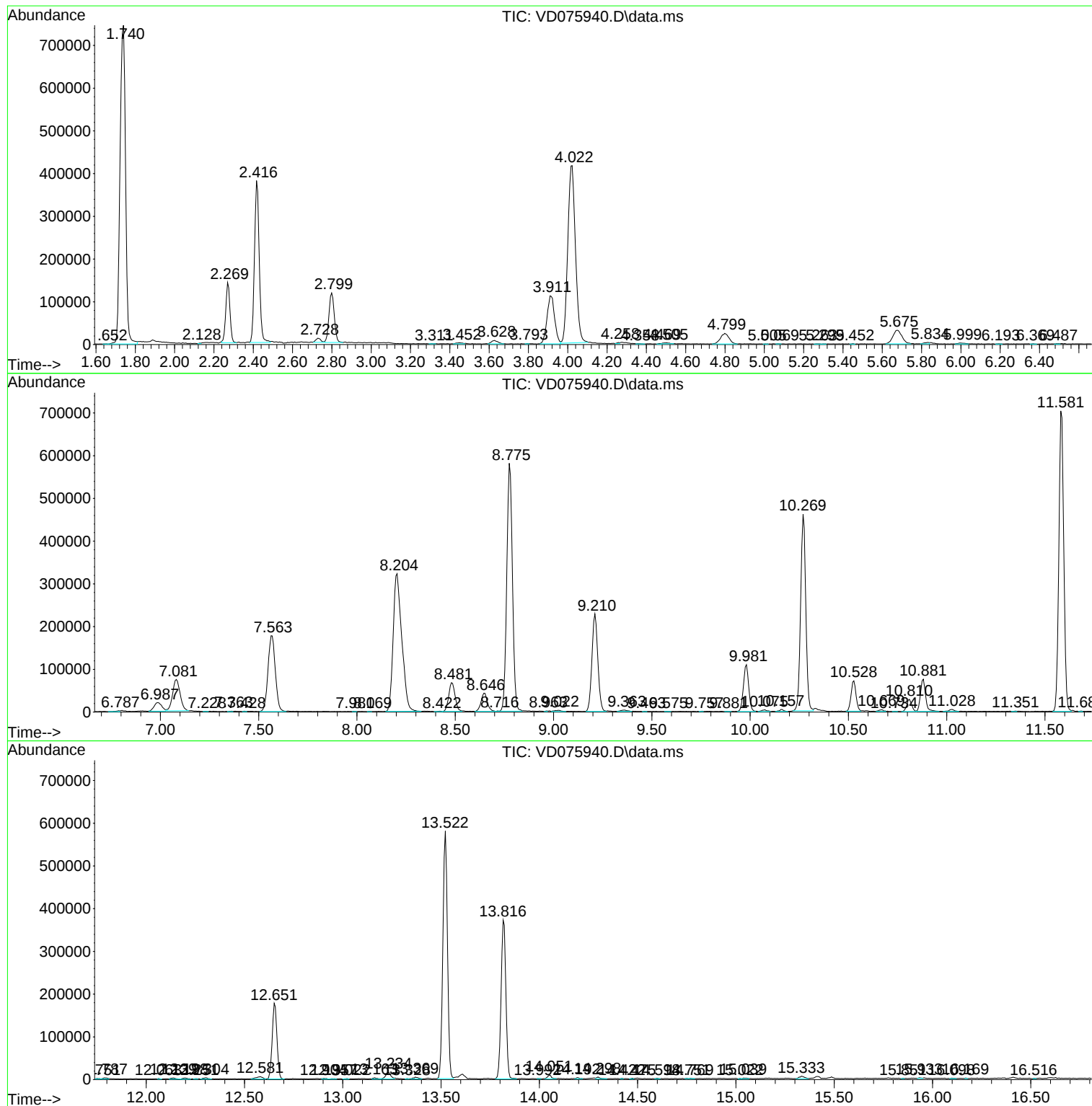
Sum of corrected areas: 12332628

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Instrument :
MSVOA_D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
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Instrument :
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ClientSampleId :
DCCE4

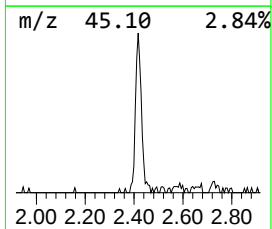
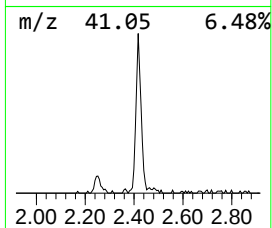
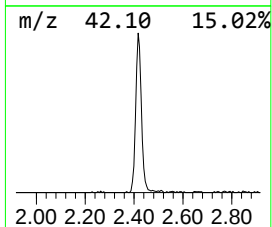
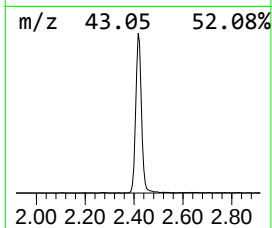
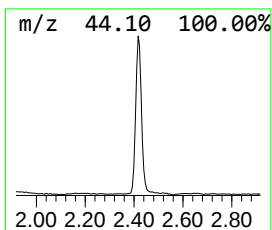
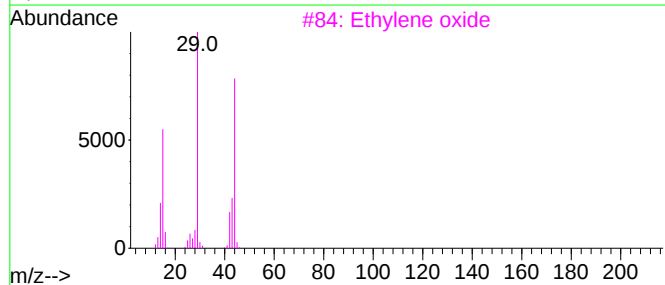
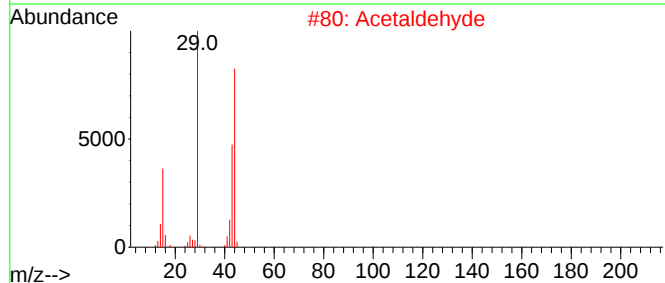
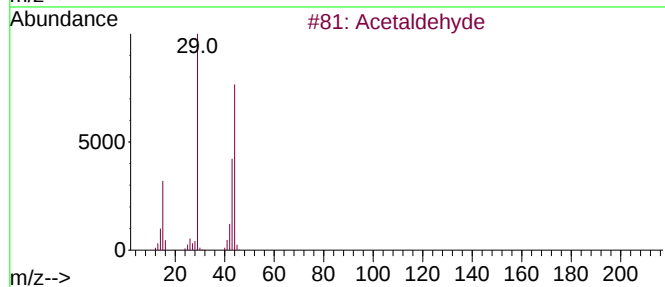
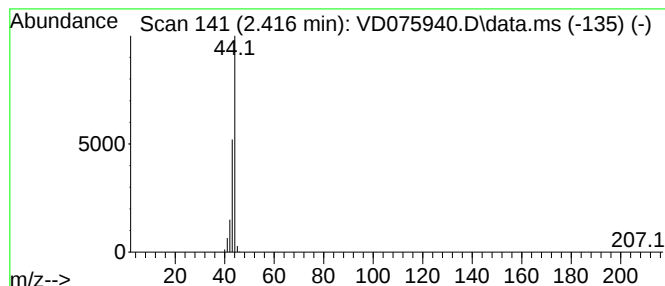
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.416	13.38 ug/L	625059	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	83
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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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCE4

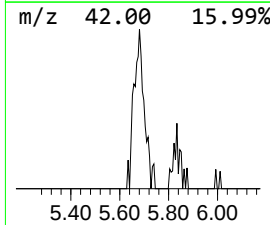
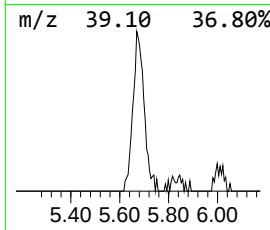
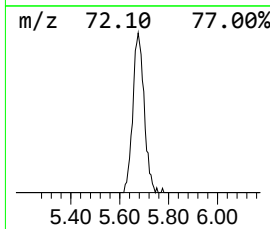
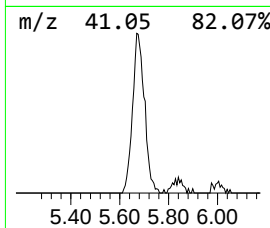
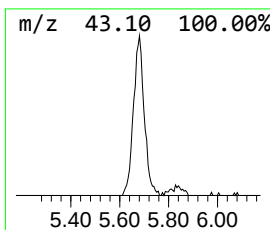
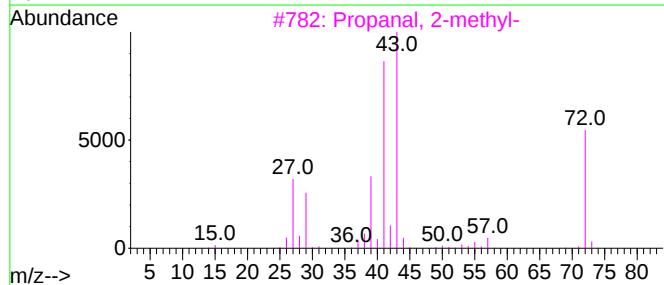
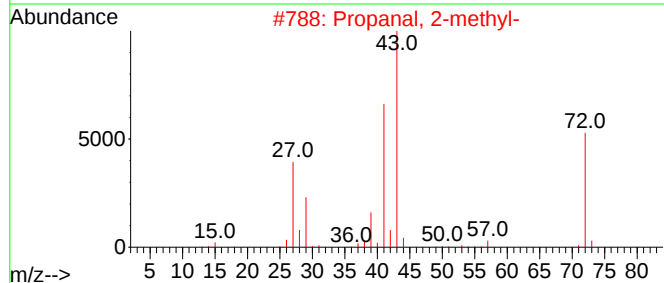
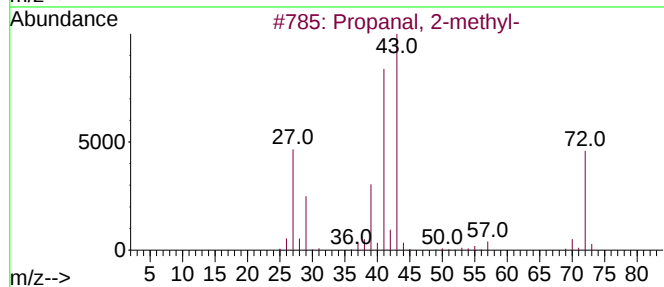
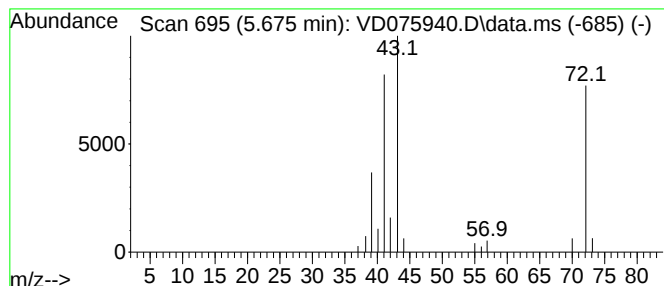
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Propanal, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.675	2.20 ug/L	102570	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-		72	C4H8O	000078-84-2	90	
2	Propanal, 2-methyl-		72	C4H8O	000078-84-2	86	
3	Propanal, 2-methyl-		72	C4H8O	000078-84-2	83	
4	1-Propene, 3-methoxy-		72	C4H8O	000627-40-7	59	
5	Propanal, 2-methyl-		72	C4H8O	000078-84-2	53	



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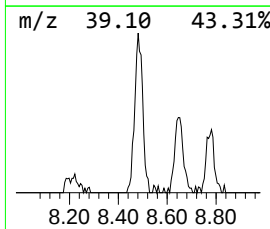
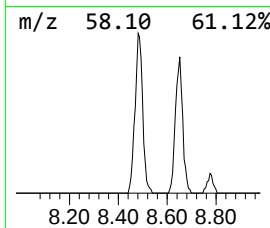
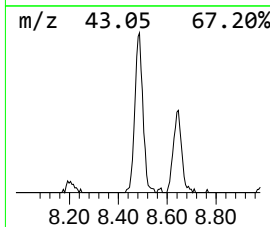
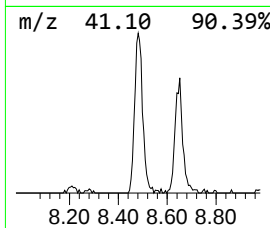
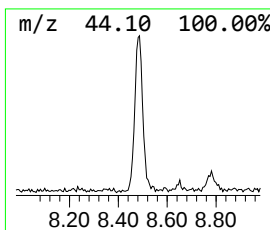
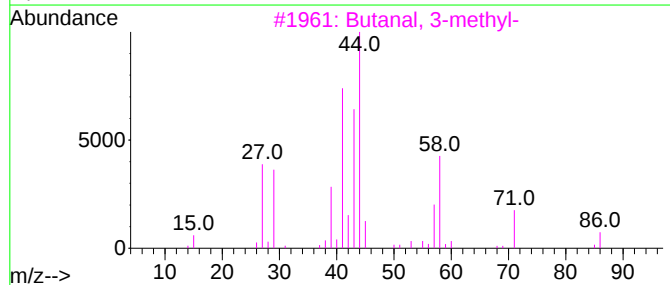
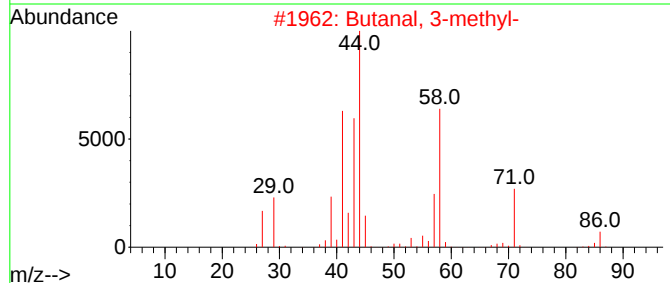
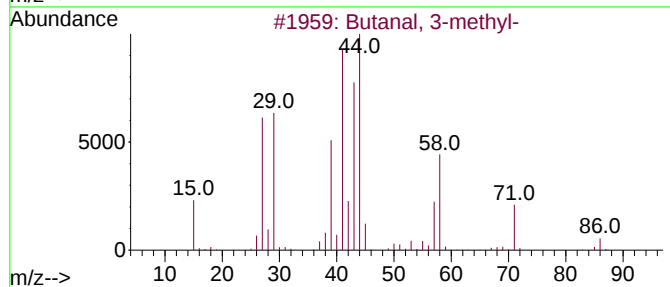
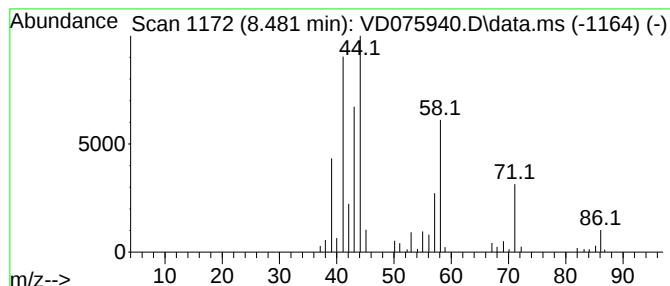
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Butanal, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	3.22 ug/L	150593	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	95
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	76
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	70
4			Pentanal	86	C5H10O	000110-62-3	49
5			Butanal, 3-methyl-	86	C5H10O	000590-86-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
Data File : VD075940.D
Acq On : 01 May 2023 15:30
Operator : KP/SY
Sample : 02564-02
Misc : 5.69G/10.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCE4

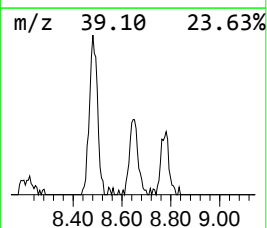
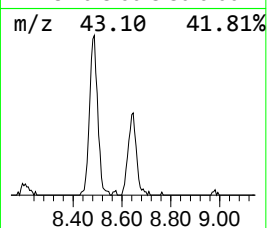
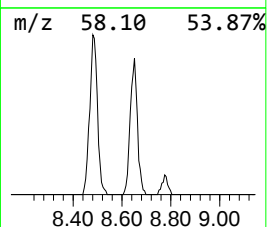
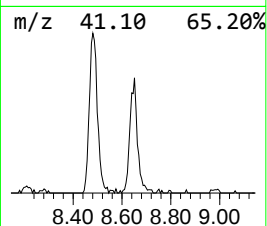
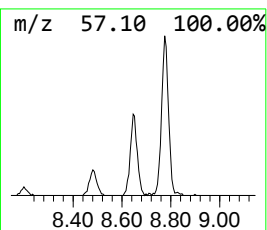
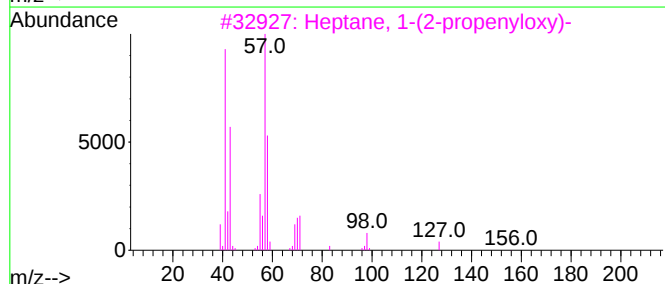
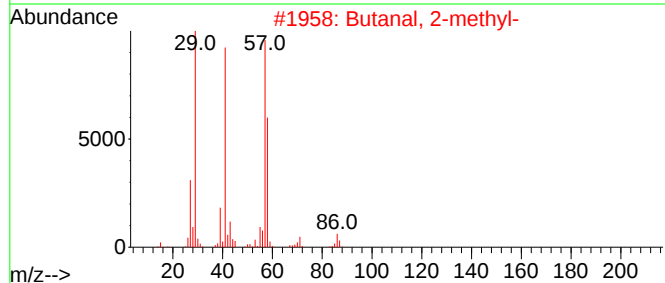
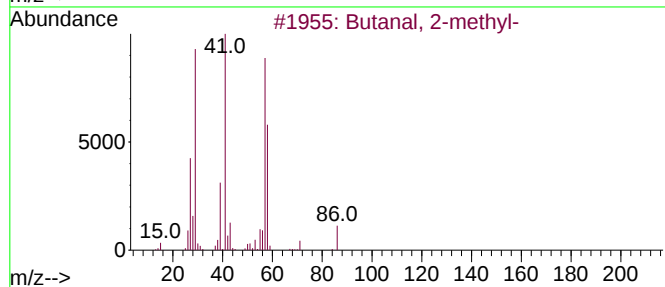
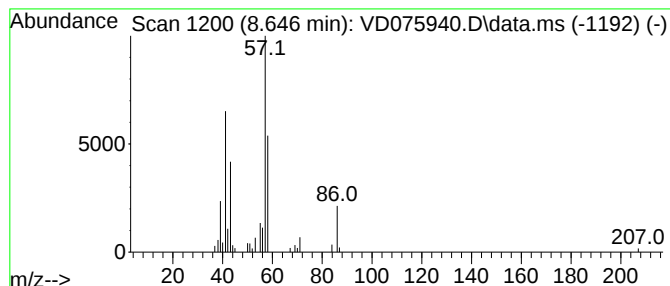
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Quant Title : SFAM01.0

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.646	2.05 ug/L	95680	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
2			Butanal, 2-methyl-	86	C5H10O	000096-17-3	42
3			Heptane, 1-(2-propenyloxy)-	156	C10H20O	016519-24-7	40
4			1-Methyl-1-silacyclobutane	86	C4H10Si	000765-33-3	38
5			1-Propanamine, 2-chloro-N,N-dime...	121	C5H12ClN	000108-14-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
Data File : VD075940.D
Acq On : 01 May 2023 15:30
Operator : KP/SY
Sample : 02564-02
Misc : 5.69G/10.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCE4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.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	2.416	13.4	ug/L	625059	1	8.775	1167760	25.0
Propanal, 2-met...	5.675	2.2	ug/L	102570	1	8.775	1167760	25.0
Butanal, 3-methyl-	8.481	3.2	ug/L	150593	1	8.775	1167760	25.0
unknown-01	8.646	2.0	ug/L	95680	1	8.775	1167760	25.0