

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075948.D
 Acq On : 01 May 2023 19:27
 Operator : KP/SY
 Sample : 02564-09
 Misc : 5.72G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCG9

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: VD075948.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	716201	1405290	100.00%	11.679%
2	2.269	110	116	123	rBV	172340	248850	17.71%	2.068%
3	2.416	135	141	151	rBV	114906	183002	13.02%	1.521%
4	2.793	199	205	215	rVB	144866	264333	18.81%	2.197%
5	3.234	277	280	282	rBV2	1024	838	0.06%	0.007%
6	3.287	287	289	291	rBV	973	862	0.06%	0.007%
7	3.340	295	298	300	rVB3	901	997	0.07%	0.008%
8	3.410	308	310	311	rBV2	841	556	0.04%	0.005%
9	3.446	311	316	324	rBV4	3624	9801	0.70%	0.081%
10	3.622	340	346	356	rVB3	8294	19423	1.38%	0.161%
11	3.716	359	362	366	rVB2	836	1015	0.07%	0.008%
12	3.810	376	378	380	rBV	978	681	0.05%	0.006%
13	3.828	380	381	385	rVB2	889	714	0.05%	0.006%
14	3.910	385	395	406	rBV	140213	361053	25.69%	3.001%
15	4.022	406	414	426	rVB	63158	168105	11.96%	1.397%
16	4.199	441	444	446	rBV2	625	876	0.06%	0.007%
17	4.246	449	452	453	rBV2	1715	1659	0.12%	0.014%
18	4.499	493	495	498	rVV3	632	581	0.04%	0.005%
19	4.575	506	508	510	rVB	808	654	0.05%	0.005%
20	4.799	536	546	560	rVB3	21136	64326	4.58%	0.535%
21	4.940	568	570	575	rVB2	621	681	0.05%	0.006%
22	5.140	602	604	607	rVB2	641	600	0.04%	0.005%
23	5.252	619	623	625	rBV	912	1144	0.08%	0.010%
24	5.375	642	644	646	rBV	772	641	0.05%	0.005%
25	5.534	669	671	672	rVV	857	575	0.04%	0.005%
26	5.610	682	684	685	rBV	616	570	0.04%	0.005%
27	5.681	685	696	707	rVV2	29501	92396	6.57%	0.768%
28	5.816	716	719	720	rBV	1759	1843	0.13%	0.015%
29	5.993	743	749	750	rBV3	1632	2793	0.20%	0.023%
30	6.057	759	760	763	rVB2	864	572	0.04%	0.005%
31	6.228	785	789	791	rBV2	540	678	0.05%	0.006%
32	6.410	818	820	822	rBV	762	744	0.05%	0.006%
33	6.440	822	825	828	rVV2	805	1047	0.07%	0.009%
34	6.499	831	835	836	rVV3	868	1046	0.07%	0.009%
35	6.540	840	842	845	rVB2	601	569	0.04%	0.005%
36	6.710	868	871	874	rBV2	659	858	0.06%	0.007%

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

37	6.804	880	887	892	rBV4	1673	3633	0.26%	0.030%
38	6.846	892	894	897	rBV2	465	596	0.04%	0.005%
39	6.987	910	918	926	rBV2	29056	76942	5.48%	0.639%
40	7.081	926	934	944	rVB3	19292	54121	3.85%	0.450%
41	7.434	991	994	996	rBV2	552	616	0.04%	0.005%
42	7.457	996	998	1002	rBV2	711	1014	0.07%	0.008%
43	7.569	1005	1017	1030	rVV	222018	558947	39.77%	4.645%
44	7.698	1037	1039	1043	rVB2	793	1074	0.08%	0.009%
45	7.846	1063	1064	1068	rBV2	779	935	0.07%	0.008%
46	8.069	1100	1102	1105	rVB	667	629	0.04%	0.005%
47	8.198	1114	1124	1139	rVV2	398808	1192336	84.85%	9.909%
48	8.481	1164	1172	1184	rBV3	99594	229123	16.30%	1.904%
49	8.645	1192	1200	1208	rBV2	53292	117799	8.38%	0.979%
50	8.775	1214	1222	1234	rVB	584573	1160857	82.61%	9.647%
51	8.945	1248	1251	1253	rBV3	963	994	0.07%	0.008%
52	9.022	1259	1264	1271	rVB4	5215	10777	0.77%	0.090%
53	9.145	1284	1285	1287	rBV2	761	603	0.04%	0.005%
54	9.210	1287	1296	1307	rBV	283964	585413	41.66%	4.865%
55	9.345	1317	1319	1325	rVB4	2230	2943	0.21%	0.024%
56	9.834	1398	1402	1403	rVB2	732	756	0.05%	0.006%
57	9.892	1410	1412	1416	rBV2	476	736	0.05%	0.006%
58	9.981	1419	1427	1437	rBV	140729	251132	17.87%	2.087%
59	10.069	1437	1442	1448	rVB5	4378	7967	0.57%	0.066%
60	10.163	1452	1458	1462	rBV4	2725	4666	0.33%	0.039%
61	10.269	1462	1476	1484	rBV	579920	1036911	73.79%	8.617%
62	10.428	1501	1503	1504	rBV	1524	941	0.07%	0.008%
63	10.528	1513	1520	1527	rBV	92821	159955	11.38%	1.329%
64	10.634	1536	1538	1539	rBV	845	732	0.05%	0.006%
65	10.669	1539	1544	1553	rVB3	5860	13334	0.95%	0.111%
66	10.739	1553	1556	1557	rBV2	884	972	0.07%	0.008%
67	10.810	1562	1568	1574	rVV	27698	48496	3.45%	0.403%
68	10.881	1574	1580	1592	rVB	104606	184645	13.14%	1.535%
69	11.022	1599	1604	1610	rBV4	7009	11398	0.81%	0.095%
70	11.351	1657	1660	1664	rBV2	868	1472	0.10%	0.012%
71	11.581	1691	1699	1713	rBV	727961	1228250	87.40%	10.208%
72	11.798	1731	1736	1738	rBV2	2736	3984	0.28%	0.033%
73	11.898	1749	1753	1754	rBV2	810	657	0.05%	0.005%
74	11.963	1762	1764	1767	rVB	941	776	0.06%	0.006%
75	12.016	1770	1773	1774	rBV2	884	645	0.05%	0.005%
76	12.128	1789	1792	1800	rVV3	2082	3507	0.25%	0.029%

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Integration Parameters: LSCINT.P

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 Title : SFAM01.0

77	12.204	1800	1805	1807	rVV4	1696	2621	0.19%	0.022%
78	12.251	1810	1813	1815	rBV	712	807	0.06%	0.007%
79	12.269	1815	1816	1819	rBV3	793	788	0.06%	0.007%
80	12.304	1819	1822	1825	rVB2	1487	1765	0.13%	0.015%
81	12.575	1860	1868	1874	rBV6	5444	10714	0.76%	0.089%
82	12.651	1874	1881	1892	rVB2	240979	405864	28.88%	3.373%
83	12.857	1915	1916	1919	rVV2	1179	823	0.06%	0.007%
84	12.898	1921	1923	1926	rVB2	1185	1022	0.07%	0.008%
85	13.010	1940	1942	1947	rVV	719	877	0.06%	0.007%
86	13.063	1949	1951	1953	rVB	868	639	0.05%	0.005%
87	13.204	1973	1975	1976	rBV	1171	752	0.05%	0.006%
88	13.222	1976	1978	1980	rVV3	1771	1755	0.12%	0.015%
89	13.363	2000	2002	2008	rBV4	1639	1910	0.14%	0.016%
90	13.439	2011	2015	2018	rBV3	1658	2054	0.15%	0.017%
91	13.469	2018	2020	2021	rBV2	855	615	0.04%	0.005%
92	13.522	2022	2029	2036	rBV	591951	952444	67.78%	7.915%
93	13.622	2043	2046	2049	rVB4	2313	2600	0.19%	0.022%
94	13.816	2072	2079	2088	rBV	493397	822432	58.52%	6.835%
95	14.051	2115	2119	2126	rVB2	7279	11194	0.80%	0.093%
96	14.304	2158	2162	2167	rVB5	3420	4728	0.34%	0.039%
97	14.633	2216	2218	2222	rVB3	1618	1310	0.09%	0.011%
98	14.792	2244	2245	2246	rBV	1496	628	0.04%	0.005%
99	15.327	2334	2336	2337	rBV	1614	1290	0.09%	0.011%
100	16.169	2477	2479	2482	rVB	1999	1490	0.11%	0.012%

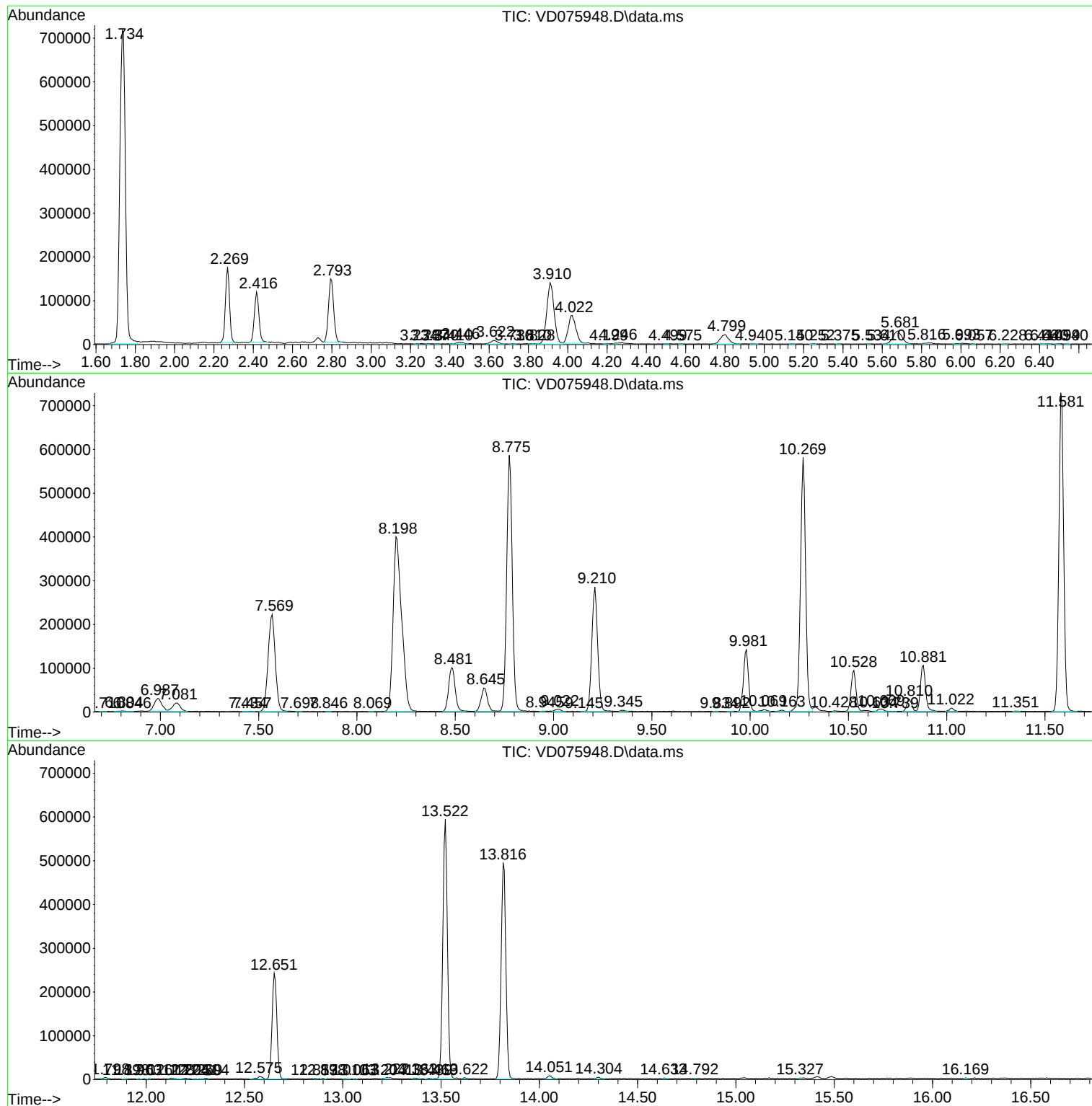
Sum of corrected areas: 12032779

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Instrument :
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DCCG9

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 :
MSVOA_D
ClientSampleId :
DCCG9

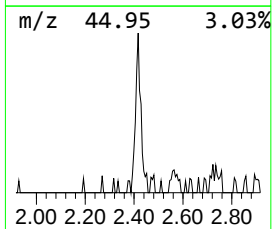
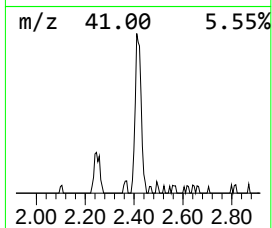
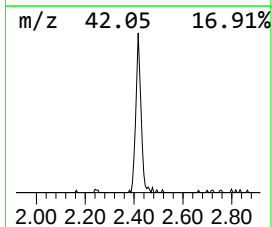
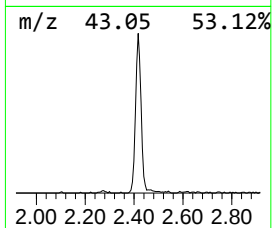
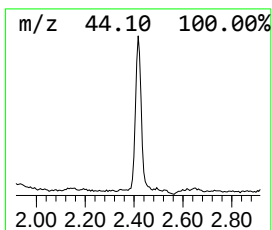
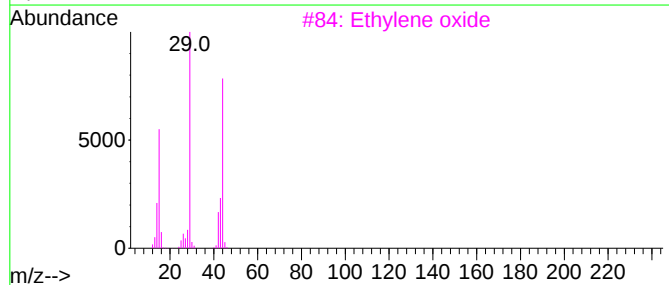
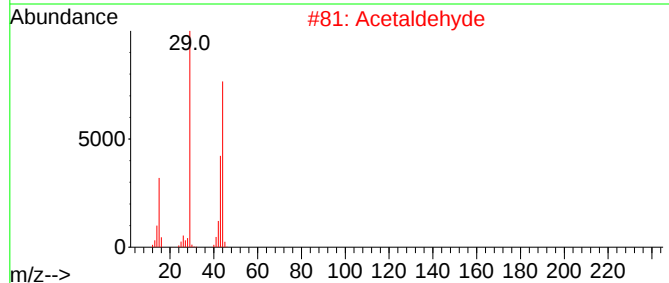
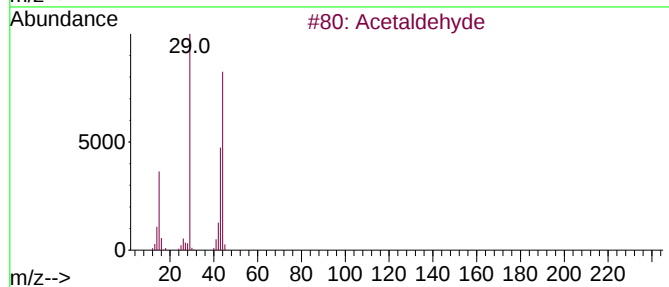
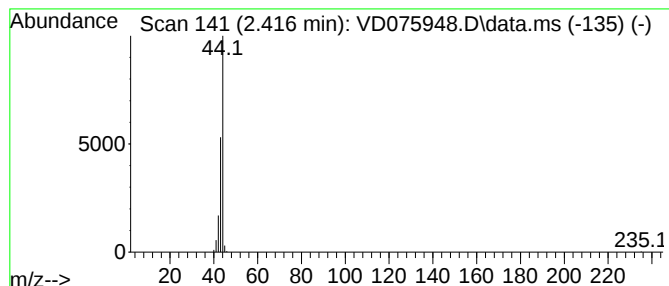
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.416	3.94 ug/L	183002	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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ALS Vial : 18 Sample Multiplier: 1

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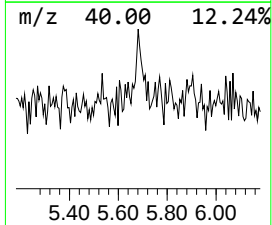
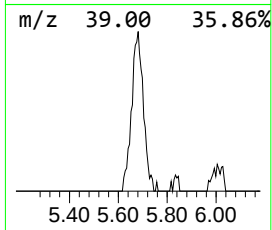
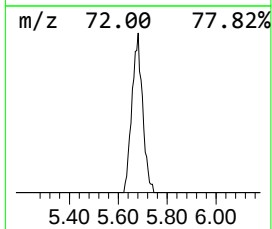
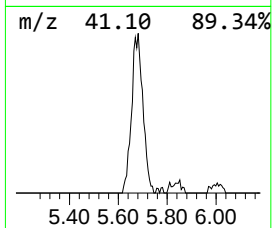
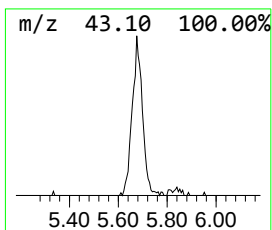
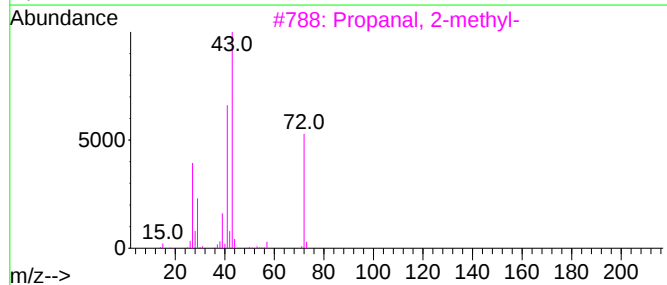
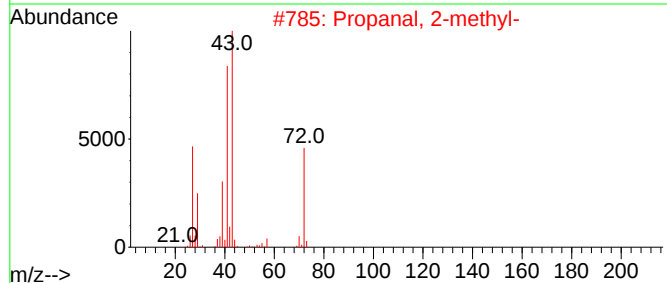
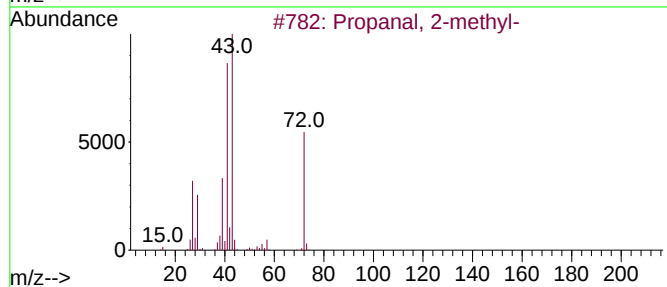
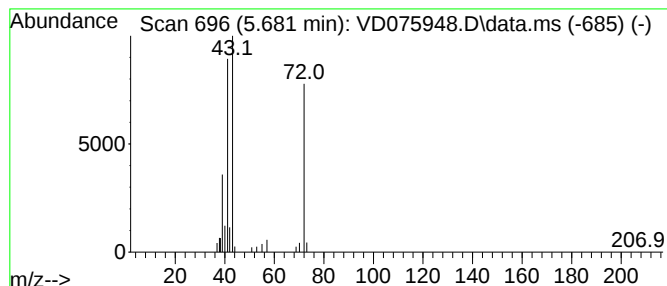
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Propanal, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.681	1.99 ug/L	92396	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2			Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
3			Propanal, 2-methyl-	72	C4H8O	000078-84-2	72
4			1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	59
5			2-Propanone, hydrazone	72	C3H8N2	005281-20-9	50



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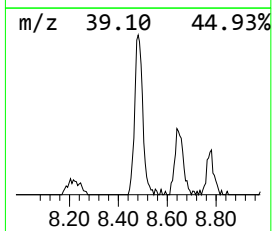
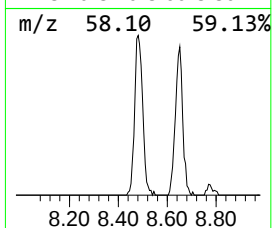
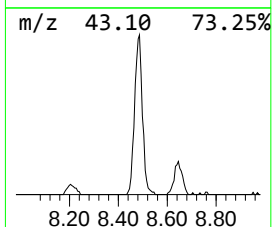
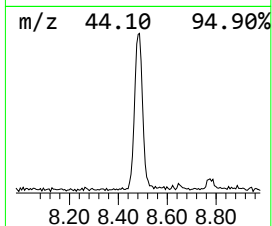
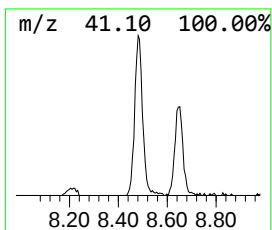
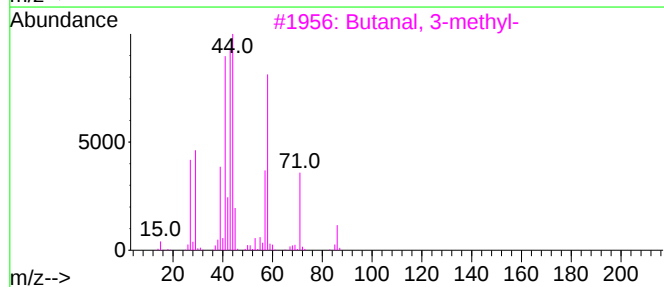
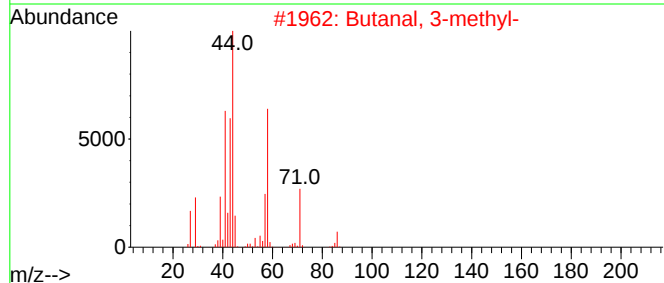
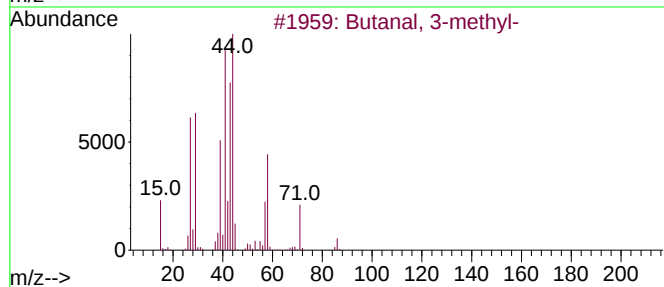
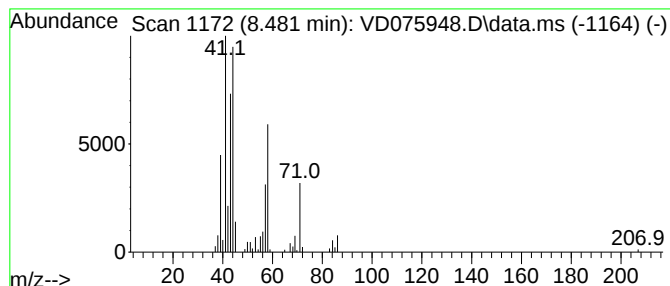
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	4.93 ug/L	229123	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	90
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	76
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	68
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	62
5			Pentanal	86	C5H10O	000110-62-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
Data File : VD075948.D
Acq On : 01 May 2023 19:27
Operator : KP/SY
Sample : 02564-09
Misc : 5.72G/10.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCG9

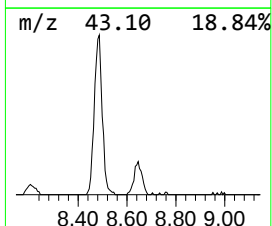
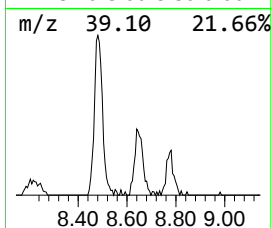
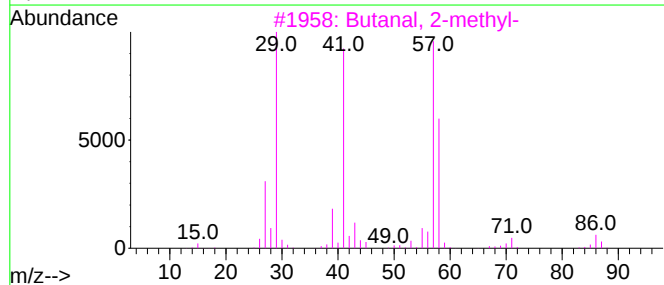
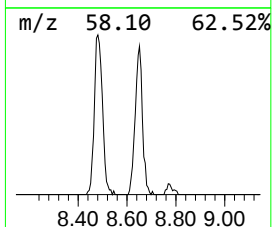
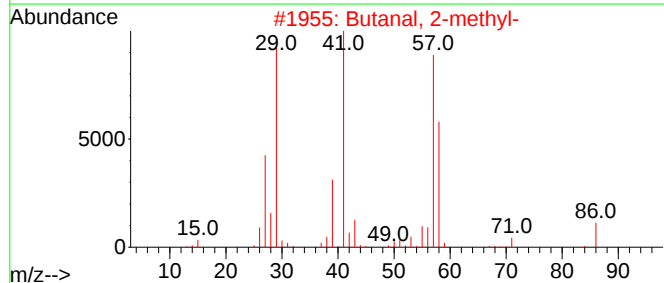
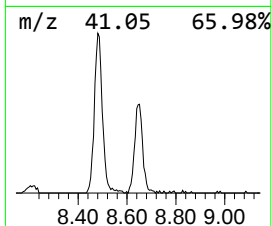
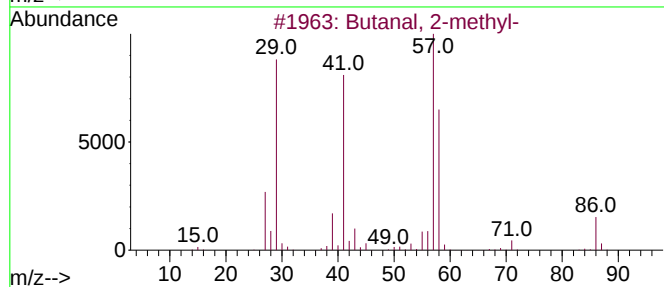
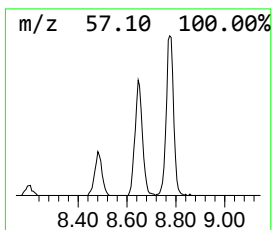
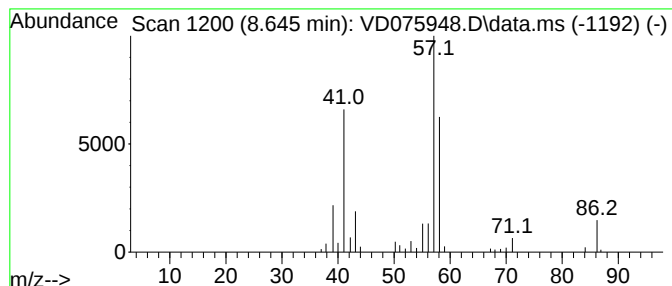
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Quant Title : SFAM01.0

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

Peak Number 5 Butanal, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	2.54 ug/L	117799	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 2-methyl-	86	C5H10O	000096-17-3	87
2			Butanal, 2-methyl-	86	C5H10O	000096-17-3	86
3			Butanal, 2-methyl-	86	C5H10O	000096-17-3	56
4			Silacyclopentane	86	C4H10Si	000288-06-2	50
5			Cyclopropane, (methoxymethyl)-	86	C5H10O	001003-13-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
Data File : VD075948.D
Acq On : 01 May 2023 19:27
Operator : KP/SY
Sample : 02564-09
Misc : 5.72G/10.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCG9

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	3.9	ug/L	183002	1	8.775	1160860	25.0
Propanal, 2-met...	5.681	2.0	ug/L	92396	1	8.775	1160860	25.0
Butanal, 3-methyl-	8.481	4.9	ug/L	229123	1	8.775	1160860	25.0
Butanal, 2-methyl-	8.645	2.5	ug/L	117799	1	8.775	1160860	25.0