

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021606.D
 Acq On : 23 Dec 2021 12:03
 Operator : SY/VA
 Sample : M5174-02
 Misc : 6.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC13

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021606.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	68	73	82	rVB2	29181	50717	22.80%	3.411%
2	2.495	93	97	108	rVB	8323	16199	7.28%	1.089%
3	2.879	154	160	174	rVB	13927	28813	12.95%	1.938%
4	3.026	177	184	194	rVB	9963	22524	10.12%	1.515%
5	3.391	235	244	251	rBV	3309	7406	3.33%	0.498%
6	3.629	281	283	287	rBV	101	151	0.07%	0.010%
7	3.903	325	328	330	rBV2	145	161	0.07%	0.011%
8	4.013	336	346	358	rBV	27203	73823	33.18%	4.965%
9	4.141	360	367	379	rVV2	4266	12467	5.60%	0.838%
10	4.379	400	406	414	rBV2	465	1341	0.60%	0.090%
11	4.525	427	430	432	rBV	83	122	0.05%	0.008%
12	4.757	465	468	469	rBV	94	117	0.05%	0.008%
13	4.922	484	495	510	rBV6	3288	14564	6.55%	0.979%
14	5.092	521	523	524	rBV6	132	115	0.05%	0.008%
15	5.202	539	541	543	rBB6	125	116	0.05%	0.008%
16	5.428	572	578	579	rBV3	635	948	0.43%	0.064%
17	5.787	626	637	639	rBV2	792	1725	0.78%	0.116%
18	5.946	655	663	671	rVB5	2294	6649	2.99%	0.447%
19	6.019	674	675	677	rBV5	140	122	0.05%	0.008%
20	6.086	684	686	691	rBB5	111	184	0.08%	0.012%
21	6.293	718	720	722	rBV	179	137	0.06%	0.009%
22	6.336	724	727	729	rBV2	113	137	0.06%	0.009%
23	6.391	733	736	738	rBV	132	136	0.06%	0.009%
24	6.622	773	774	777	rBV	107	121	0.05%	0.008%
25	6.714	787	789	791	rBV	139	127	0.06%	0.009%
26	6.775	797	799	802	rBB	135	116	0.05%	0.008%
27	6.854	811	812	815	rBV	157	181	0.08%	0.012%
28	6.909	815	821	826	rBV2	668	1382	0.62%	0.093%
29	6.982	826	833	840	rVB5	842	2075	0.93%	0.140%
30	7.080	842	849	862	rBV	12327	34735	15.61%	2.336%
31	7.256	874	878	885	rVB2	1717	3980	1.79%	0.268%
32	7.378	895	898	900	rBV	92	138	0.06%	0.009%
33	7.415	903	904	908	rBB	154	161	0.07%	0.011%
34	7.458	909	911	913	rBB	153	128	0.06%	0.009%
35	7.653	933	943	954	rVB	39809	98089	44.09%	6.597%
36	7.836	970	973	975	rBB	133	120	0.05%	0.008%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021606.D
 Acq On : 23 Dec 2021 12:03
 Operator : SY/VA
 Sample : M5174-02
 Misc : 6.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC13

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	7.866	975	978	980	rBB	134	166	0.07%	0.011%
38	7.921	982	987	990	rBV3	802	1423	0.64%	0.096%
39	8.159	1022	1026	1030	rBB4	567	861	0.39%	0.058%
40	8.275	1035	1045	1059	rBV2	71424	222460	100.00%	14.961%
41	8.695	1108	1114	1121	rBV3	1086	2153	0.97%	0.145%
42	8.842	1130	1138	1148	rVV	72878	148495	66.75%	9.987%
43	8.927	1148	1152	1154	rVV2	118	127	0.06%	0.009%
44	9.207	1196	1198	1201	rBV	76	113	0.05%	0.008%
45	9.274	1201	1209	1217	rBV	48370	97863	43.99%	6.582%
46	9.378	1224	1226	1228	rBV	154	154	0.07%	0.010%
47	9.409	1228	1231	1237	rVB3	699	1239	0.56%	0.083%
48	9.518	1247	1249	1252	rBB3	104	117	0.05%	0.008%
49	9.561	1253	1256	1260	rBB	73	114	0.05%	0.008%
50	9.665	1270	1273	1277	rBB	187	268	0.12%	0.018%
51	9.957	1318	1321	1324	rBB	277	323	0.15%	0.022%
52	10.036	1325	1334	1343	rBV2	21309	38632	17.37%	2.598%
53	10.238	1365	1367	1369	rBB	139	147	0.07%	0.010%
54	10.323	1374	1381	1387	rBV	83398	146367	65.79%	9.844%
55	10.390	1387	1392	1399	rVV	9125	15573	7.00%	1.047%
56	10.506	1406	1411	1414	rBB3	578	870	0.39%	0.059%
57	10.579	1417	1423	1430	rBV2	12423	21959	9.87%	1.477%
58	10.634	1430	1432	1434	rVV	235	265	0.12%	0.018%
59	10.658	1434	1436	1438	rVV	244	280	0.13%	0.019%
60	10.701	1440	1443	1449	rVB	946	1464	0.66%	0.098%
61	10.756	1450	1452	1455	rBB	199	171	0.08%	0.012%
62	10.866	1465	1470	1474	rBV	1536	2462	1.11%	0.166%
63	10.927	1474	1480	1495	rVB	40920	68158	30.64%	4.584%
64	11.073	1499	1504	1508	rBV3	985	1597	0.72%	0.107%
65	11.183	1517	1522	1526	rVB2	367	460	0.21%	0.031%
66	11.634	1589	1596	1606	rVB	76295	130263	58.56%	8.761%
67	11.731	1606	1612	1618	rBV	7932	12184	5.48%	0.819%
68	11.835	1624	1629	1636	rBV2	2211	4008	1.80%	0.270%
69	12.164	1678	1683	1691	rVB	812	1216	0.55%	0.082%
70	12.341	1708	1712	1718	rBV2	550	897	0.40%	0.060%
71	12.609	1750	1756	1761	rVB	1994	3019	1.36%	0.203%
72	12.695	1763	1770	1776	rVB	30387	50650	22.77%	3.406%
73	12.804	1784	1788	1793	rVB	497	706	0.32%	0.047%
74	12.865	1793	1798	1800	rBV2	337	435	0.20%	0.029%
75	12.938	1806	1810	1814	rVB4	649	985	0.44%	0.066%
76	13.091	1829	1835	1836	rBV	161	245	0.11%	0.016%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021606.D
 Acq On : 23 Dec 2021 12:03
 Operator : SY/VA
 Sample : M5174-02
 Misc : 6.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC13

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

77	13.182	1848	1850	1854	rVB2	277	325	0.15%	0.022%
78	13.255	1857	1862	1865	rBV4	886	1599	0.72%	0.108%
79	13.396	1883	1885	1893	rVB3	492	802	0.36%	0.054%
80	13.554	1905	1911	1921	rBV	41841	66852	30.05%	4.496%
81	13.646	1923	1926	1933	rVB3	867	1264	0.57%	0.085%
82	13.853	1953	1960	1966	rVB	27738	44799	20.14%	3.013%
83	14.066	1988	1995	2002	rBV2	1737	2896	1.30%	0.195%
84	14.322	2035	2037	2041	rVB3	315	370	0.17%	0.025%
85	14.523	2066	2070	2075	rVB4	517	860	0.39%	0.058%
86	14.603	2081	2083	2086	rBV4	102	121	0.05%	0.008%
87	14.633	2086	2088	2096	rVB2	132	262	0.12%	0.018%
88	14.719	2099	2102	2103	rBV2	468	343	0.15%	0.023%
89	14.792	2113	2114	2118	rVB2	237	185	0.08%	0.012%
90	14.828	2118	2120	2124	rBV	116	161	0.07%	0.011%
91	15.359	2205	2207	2208	rBV	248	135	0.06%	0.009%
92	15.481	2222	2227	2234	rBV2	1448	2591	1.16%	0.174%
93	15.535	2234	2236	2238	rBV2	192	168	0.08%	0.011%
94	15.779	2272	2276	2277	rBV2	316	314	0.14%	0.021%
95	15.932	2299	2301	2303	rBV	196	131	0.06%	0.009%
96	16.316	2358	2364	2371	rVB4	1244	3066	1.38%	0.206%
97	16.474	2388	2390	2394	rVB3	288	320	0.14%	0.022%
98	16.535	2399	2400	2401	rVV3	223	127	0.06%	0.009%
99	16.572	2405	2406	2409	rVB	190	119	0.05%	0.008%
100	16.682	2422	2424	2426	rBV2	160	188	0.08%	0.013%

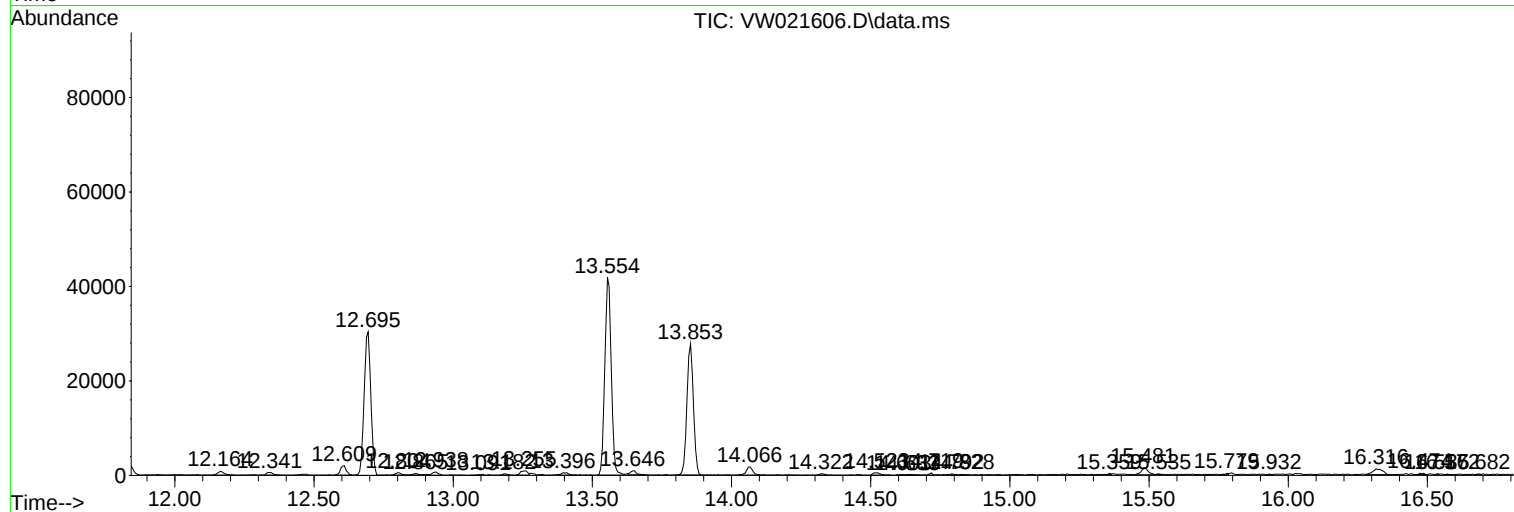
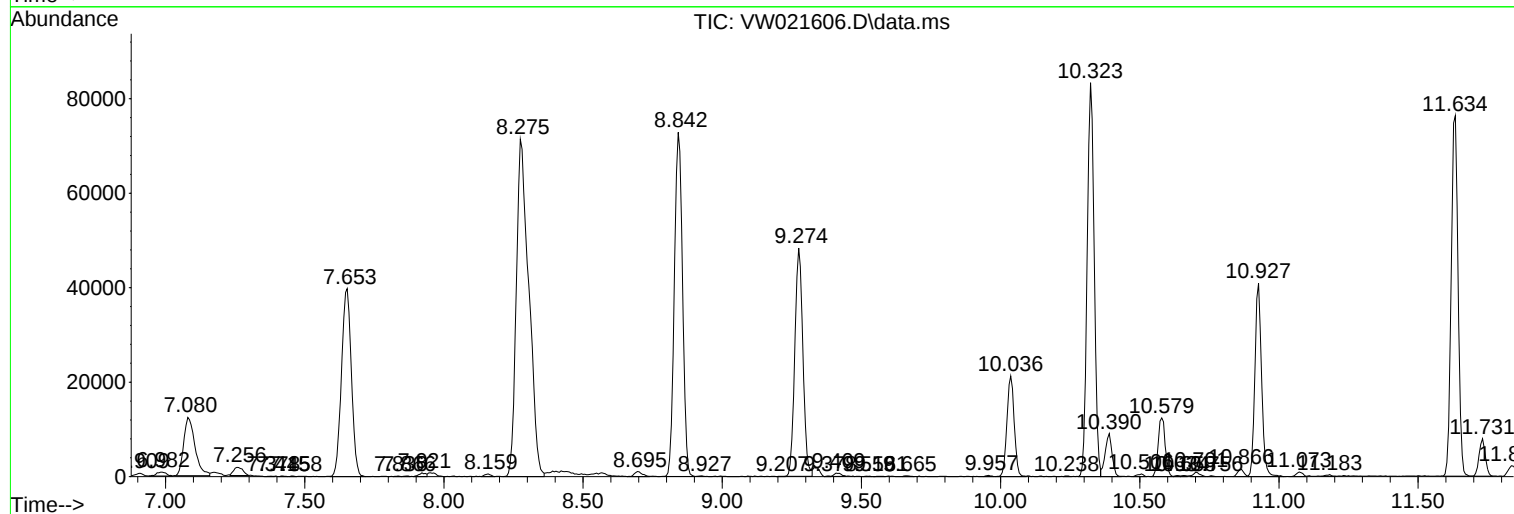
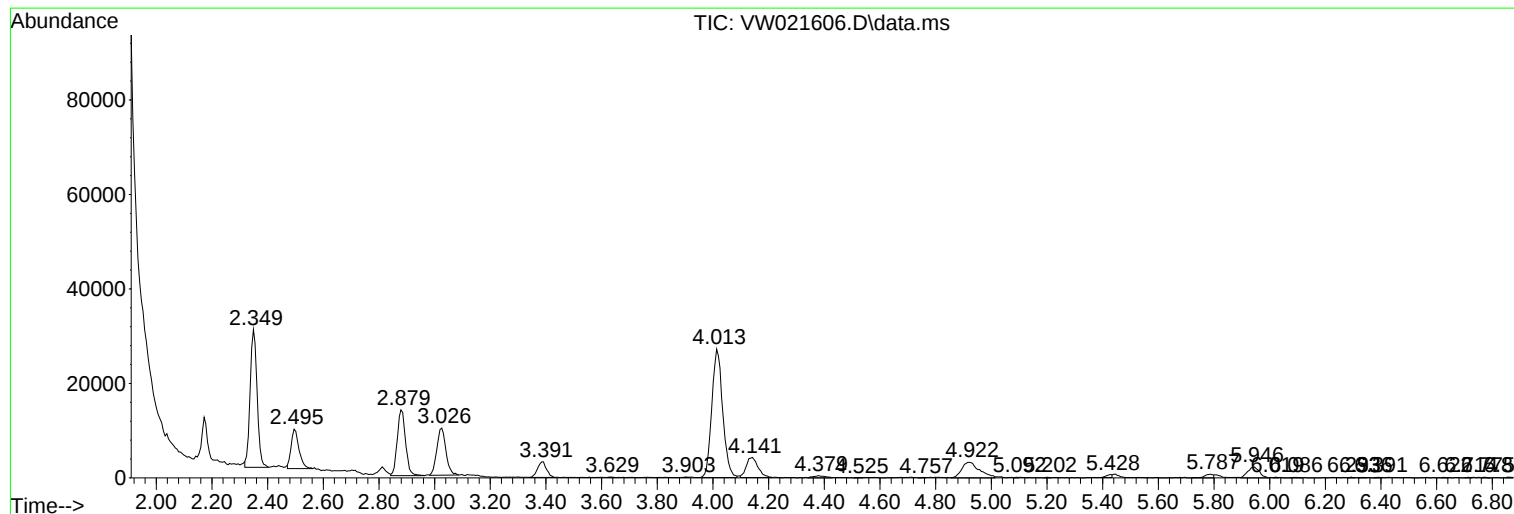
Sum of corrected areas: 1486914

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021606.D
Acq On : 23 Dec 2021 12:03
Operator : SY/VA
Sample : M5174-02
Misc : 6.79g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021606.D
Acq On : 23 Dec 2021 12:03
Operator : SY/VA
Sample : M5174-02
Misc : 6.79g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC13

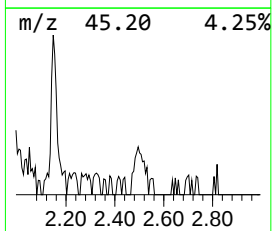
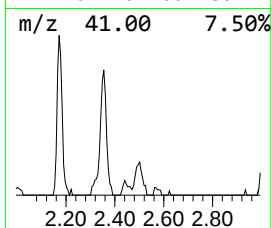
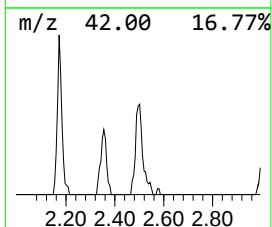
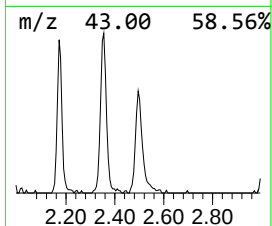
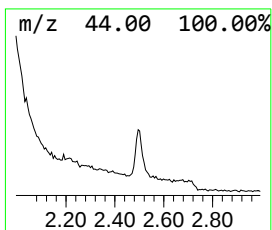
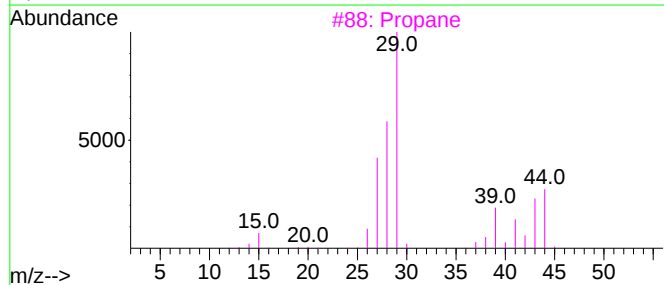
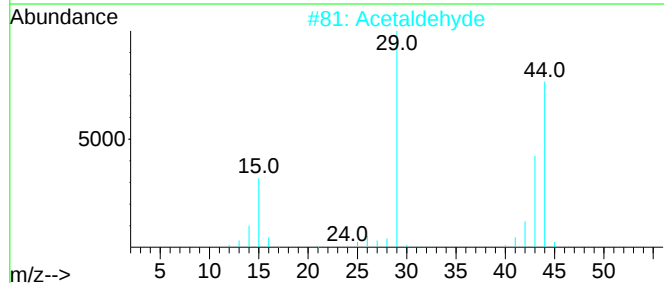
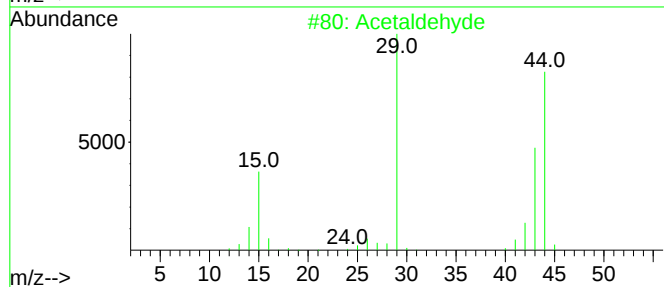
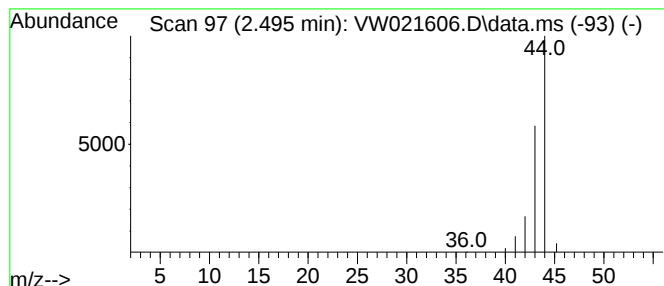
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	2.73 ug/L	16199	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	83
2			Acetaldehyde	44	C2H4O	000075-07-0	83
3			Propane	44	C3H8	000074-98-6	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021606.D
Acq On : 23 Dec 2021 12:03
Operator : SY/VA
Sample : M5174-02
Misc : 6.79g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC13

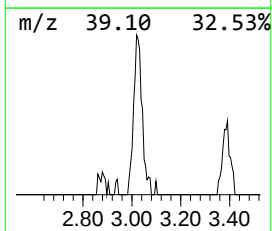
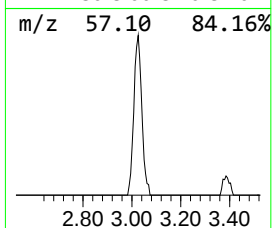
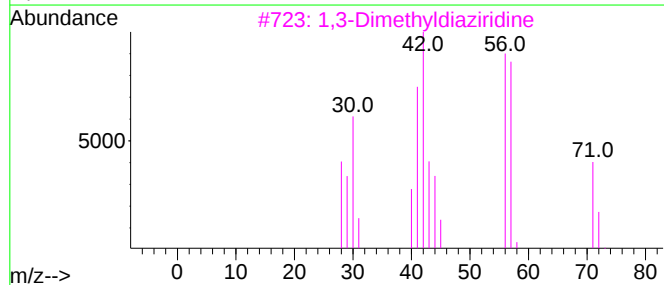
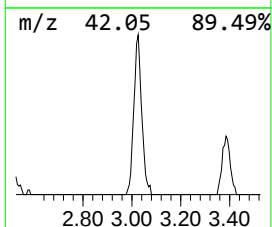
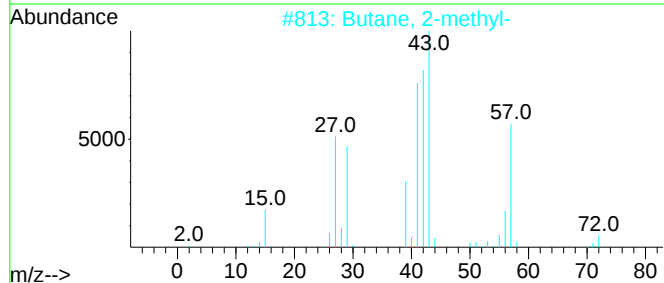
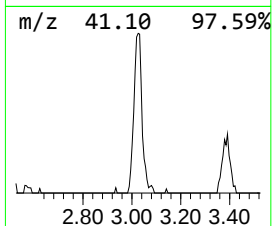
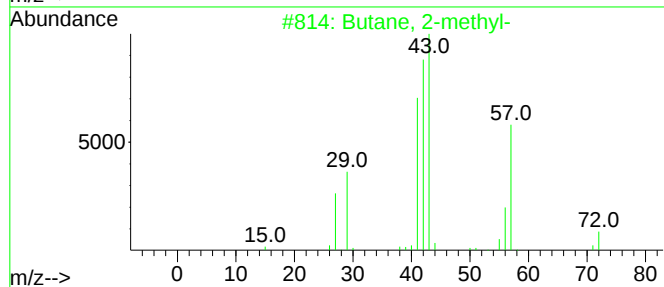
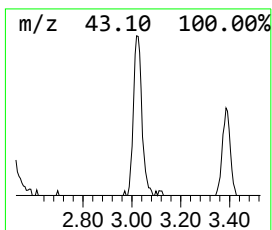
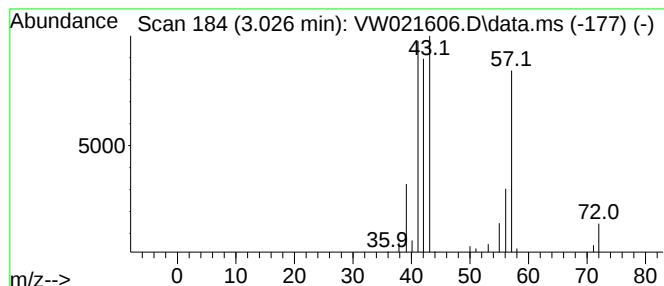
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.026	3.79 ug/L	22524	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	78
2		Butane, 2-methyl-	72	C5H12	000078-78-4	78
3		1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	33
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	25
5		Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021606.D
Acq On : 23 Dec 2021 12:03
Operator : SY/VA
Sample : M5174-02
Misc : 6.79g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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	2.495	2.7	ug/L	16199	1	8.842	148495	25.0
(DEL) Alkane: S...	3.026	3.8	ug/L	22524	1	8.842	148495	25.0