

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027041.D
 Acq On : 11 Sep 2023 20:00
 Operator : SY/MD
 Sample : 04387-03
 Misc : 4.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA5

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027041.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.235	50	57	60	rBV8	9454	25809	1.27%	0.177%
2	2.363	72	78	88	rBV	75898	207011	10.17%	1.419%
3	2.893	159	165	177	rVB	80415	216218	10.62%	1.482%
4	3.350	238	240	242	rBV3	2437	2654	0.13%	0.018%
5	3.381	242	245	253	rVB8	5141	13475	0.66%	0.092%
6	3.448	253	256	257	rBV3	2110	2034	0.10%	0.014%
7	3.533	260	270	282	rBV	45040	127348	6.25%	0.873%
8	3.728	294	302	314	rBV3	25450	88636	4.35%	0.607%
9	3.905	329	331	336	rVB5	2113	2734	0.13%	0.019%
10	4.027	336	351	359	rBV	142632	499921	24.55%	3.426%
11	4.119	360	366	375	rVB	111381	292750	14.38%	2.006%
12	4.387	402	410	420	rVB2	39837	112912	5.54%	0.774%
13	4.618	443	448	449	rVV4	1879	3252	0.16%	0.022%
14	4.673	452	457	466	rVB6	4387	13635	0.67%	0.093%
15	4.783	471	475	477	rBV5	1403	2213	0.11%	0.015%
16	4.923	488	498	518	rVB2	30934	131433	6.45%	0.901%
17	5.094	523	526	527	rBV3	2002	2168	0.11%	0.015%
18	5.143	532	534	538	rVV5	4760	6023	0.30%	0.041%
19	5.301	559	560	566	rBV6	1693	2156	0.11%	0.015%
20	5.502	590	593	595	rBV4	2079	2450	0.12%	0.017%
21	5.594	607	608	612	rBV4	1845	2194	0.11%	0.015%
22	5.691	621	624	628	rBV6	2659	4370	0.21%	0.030%
23	5.758	633	635	638	rVV4	1532	2008	0.10%	0.014%
24	5.795	640	641	648	rVB7	2551	3841	0.19%	0.026%
25	5.893	654	657	658	rBV3	2297	2346	0.12%	0.016%
26	5.935	658	664	672	rVB9	8949	24102	1.18%	0.165%
27	6.594	768	772	775	rBV6	1829	3114	0.15%	0.021%
28	7.075	843	851	855	rBV	47337	124087	6.09%	0.850%
29	7.136	855	861	877	rVB2	121158	388738	19.09%	2.664%
30	7.423	903	908	909	rBV4	4635	6048	0.30%	0.041%
31	7.508	916	922	929	rVV5	4014	10850	0.53%	0.074%
32	7.642	934	944	960	rBV	345524	859969	42.23%	5.894%
33	7.892	979	985	986	rBV5	1747	3191	0.16%	0.022%
34	7.971	995	998	1004	rVB8	1630	3187	0.16%	0.022%
35	8.081	1015	1016	1020	rVB4	2263	2862	0.14%	0.020%
36	8.276	1035	1048	1067	rBV2	684628	2036472	100.00%	13.957%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027041.D
 Acq On : 11 Sep 2023 20:00
 Operator : SY/MD
 Sample : 04387-03
 Misc : 4.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA5

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

37	8.697	1113	1117	1120	rBV6	1690	3102	0.15%	0.021%
38	8.843	1130	1141	1152	rBV	738765	1450898	71.25%	9.944%
39	9.002	1165	1167	1171	rVB5	2219	1983	0.10%	0.014%
40	9.081	1176	1180	1183	rVV6	3188	5030	0.25%	0.034%
41	9.209	1198	1201	1203	rBV4	2380	3023	0.15%	0.021%
42	9.276	1203	1212	1223	rBV	461913	953947	46.84%	6.538%
43	9.660	1273	1275	1279	rVV5	2449	3557	0.17%	0.024%
44	9.867	1306	1309	1312	rVV5	1684	2101	0.10%	0.014%
45	10.032	1330	1336	1343	rVV	144345	261989	12.86%	1.796%
46	10.130	1348	1352	1358	rVB8	3691	5828	0.29%	0.040%
47	10.325	1372	1384	1393	rBV	763267	1345377	66.06%	9.221%
48	10.502	1407	1413	1418	rBV10	3043	7676	0.38%	0.053%
49	10.581	1420	1426	1435	rVB	97174	172784	8.48%	1.184%
50	10.703	1438	1446	1455	rBV2	48486	89834	4.41%	0.616%
51	10.849	1463	1470	1474	rBV8	4072	8290	0.41%	0.057%
52	10.922	1474	1482	1493	rBV2	107598	206848	10.16%	1.418%
53	11.062	1500	1505	1515	rVB2	21965	48271	2.37%	0.331%
54	11.172	1520	1523	1527	rBV6	4949	7330	0.36%	0.050%
55	11.440	1556	1567	1575	rVB3	12930	35297	1.73%	0.242%
56	11.629	1589	1598	1608	rBV	877865	1467670	72.07%	10.059%
57	11.763	1618	1620	1624	rVB5	2313	2337	0.11%	0.016%
58	11.879	1635	1639	1644	rVB7	2575	4585	0.23%	0.031%
59	11.922	1644	1646	1647	rBV2	2616	2104	0.10%	0.014%
60	12.074	1668	1671	1674	rVB5	2200	2888	0.14%	0.020%
61	12.111	1674	1677	1679	rBV4	2013	2294	0.11%	0.016%
62	12.148	1679	1683	1687	rBV7	3198	6562	0.32%	0.045%
63	12.239	1694	1698	1700	rBV4	4989	6991	0.34%	0.048%
64	12.471	1728	1736	1740	rVB7	10726	19507	0.96%	0.134%
65	12.599	1753	1757	1764	rBV2	41211	67366	3.31%	0.462%
66	12.690	1764	1772	1779	rBV	413230	697960	34.27%	4.784%
67	12.885	1800	1804	1807	rVB6	1999	3203	0.16%	0.022%
68	12.928	1807	1811	1817	rBV7	7804	15857	0.78%	0.109%
69	13.032	1823	1828	1832	rVV8	5945	10988	0.54%	0.075%
70	13.068	1832	1834	1839	rVB6	5398	8488	0.42%	0.058%
71	13.117	1839	1842	1845	rBV5	1963	2759	0.14%	0.019%
72	13.208	1852	1857	1866	rBV	103347	167840	8.24%	1.150%
73	13.288	1866	1870	1878	rVB4	25142	43799	2.15%	0.300%
74	13.470	1896	1900	1903	rBV6	7260	10609	0.52%	0.073%
75	13.501	1903	1905	1907	rVV3	4284	4177	0.21%	0.029%
76	13.556	1907	1914	1925	rVV	690786	1093554	53.70%	7.495%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027041.D
 Acq On : 11 Sep 2023 20:00
 Operator : SY/MD
 Sample : 04387-03
 Misc : 4.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA5

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

77	13.848	1955	1962	1969	rBV	471867	800370	39.30%	5.485%
78	13.934	1969	1976	1985	rVB	20309	78818	3.87%	0.540%
79	14.062	1992	1997	2001	rBV	20304	40065	1.97%	0.275%
80	14.257	2023	2029	2030	rBV6	6443	8867	0.44%	0.061%
81	14.483	2058	2066	2071	rBV6	9547	27118	1.33%	0.186%
82	14.720	2101	2105	2109	rVB5	7469	12692	0.62%	0.087%
83	14.806	2111	2119	2120	rBV7	9598	17509	0.86%	0.120%
84	15.068	2156	2162	2165	rVB8	6875	16145	0.79%	0.111%
85	15.190	2180	2182	2185	rBV4	1724	2027	0.10%	0.014%
86	15.245	2189	2191	2194	rBV4	1874	2105	0.10%	0.014%
87	15.312	2198	2202	2205	rBV6	4134	8095	0.40%	0.055%
88	15.427	2214	2221	2227	rBV2	27675	47731	2.34%	0.327%
89	15.482	2227	2230	2235	rVV7	3477	4585	0.23%	0.031%
90	15.543	2238	2240	2243	rVB4	3446	3062	0.15%	0.021%
91	15.574	2243	2245	2248	rVB4	2875	3061	0.15%	0.021%
92	15.677	2259	2262	2266	rVB5	3183	5346	0.26%	0.037%
93	15.836	2285	2288	2290	rBV4	3111	3739	0.18%	0.026%
94	15.879	2293	2295	2299	rVB5	2938	3076	0.15%	0.021%
95	15.915	2299	2301	2304	rBV4	2069	2615	0.13%	0.018%
96	15.964	2304	2309	2312	rBV7	2556	5244	0.26%	0.036%
97	16.031	2317	2320	2324	rBV6	2167	3440	0.17%	0.024%
98	16.244	2352	2355	2359	rVB6	2329	2956	0.15%	0.020%
99	16.476	2391	2393	2397	rVB5	2595	3332	0.16%	0.023%
100	16.714	2429	2432	2434	rBV4	1596	2075	0.10%	0.014%

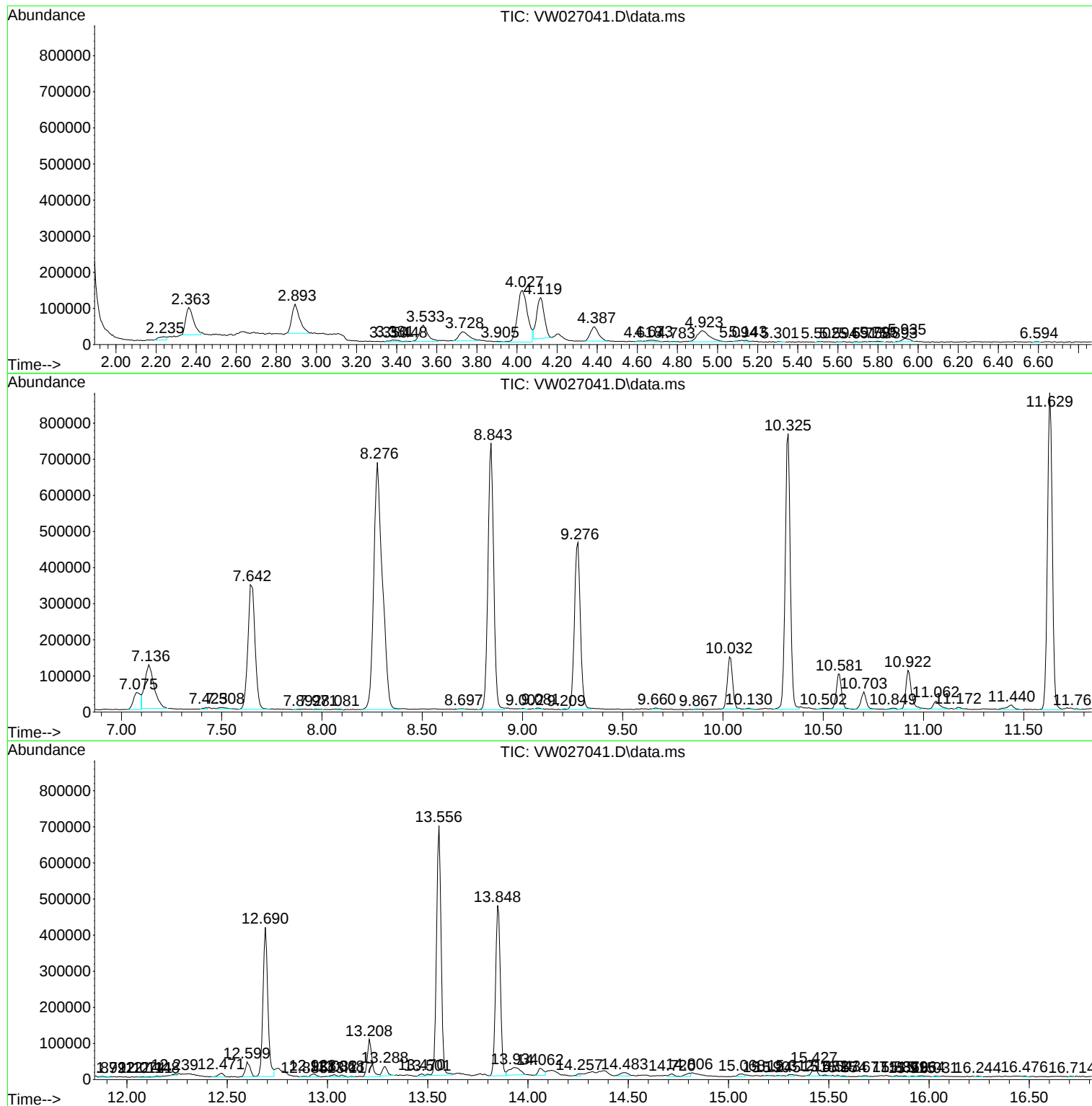
Sum of corrected areas: 14590987

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027041.D
Acq On : 11 Sep 2023 20:00
Operator : SY/MD
Sample : 04387-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027041.D
Acq On : 11 Sep 2023 20:00
Operator : SY/MD
Sample : 04387-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA5

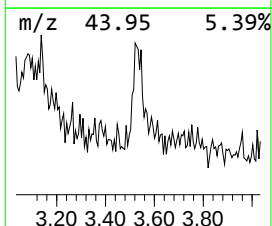
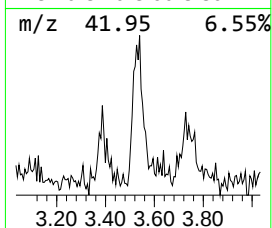
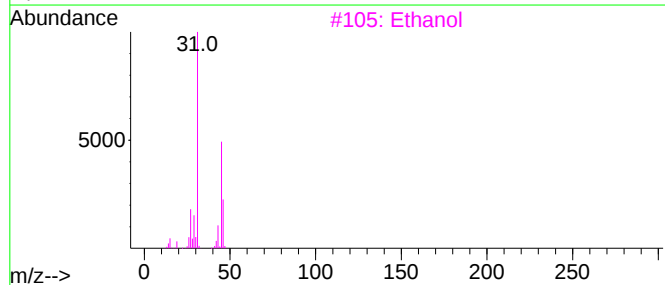
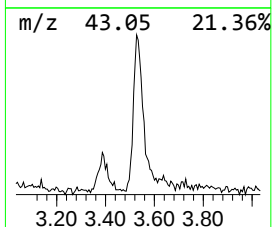
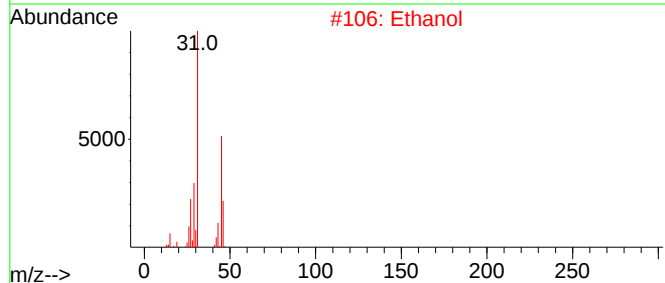
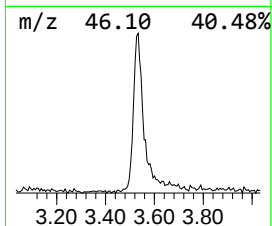
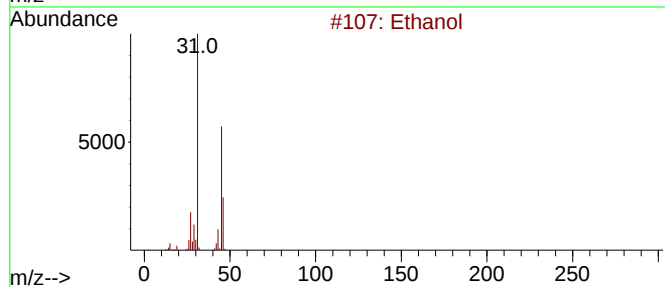
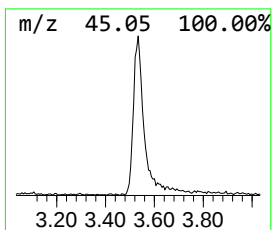
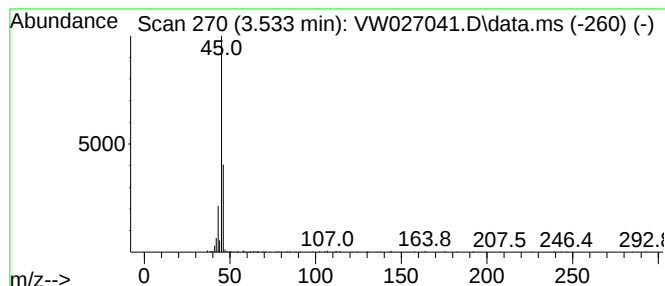
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.533	2.19 ug/L	127348	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	64
2	Ethanol			46	C2H6O	000064-17-5	56
3	Ethanol			46	C2H6O	000064-17-5	40
4	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Ethanol			46	C2H6O	000064-17-5	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027041.D
Acq On : 11 Sep 2023 20:00
Operator : SY/MD
Sample : 04387-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA5

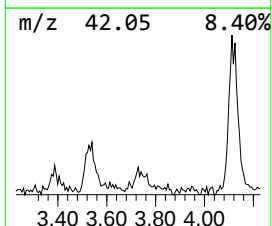
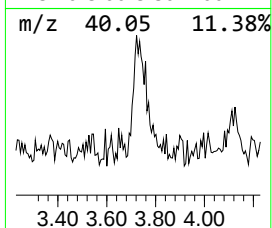
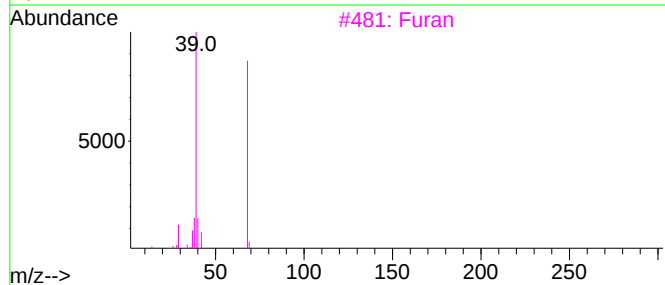
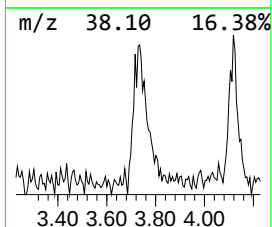
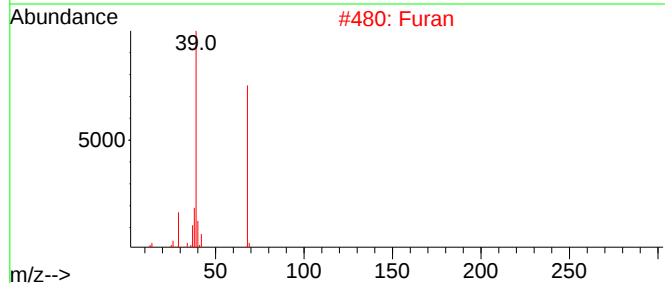
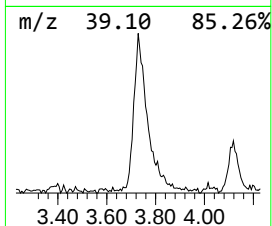
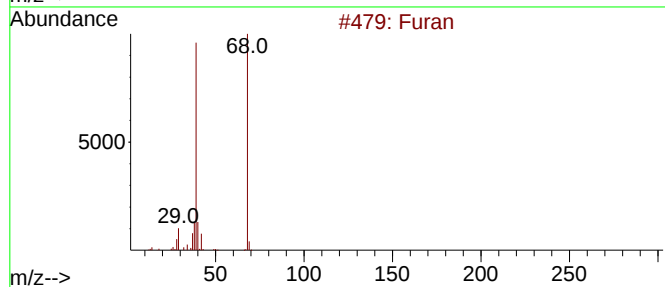
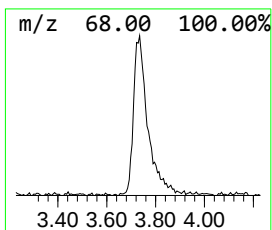
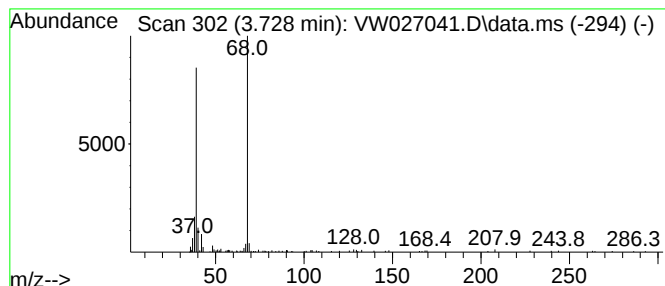
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.728	1.53 ug/L	88636	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan			68	C4H4O	000110-00-9	90
2	Furan			68	C4H4O	000110-00-9	90
3	Furan			68	C4H4O	000110-00-9	83
4	Furan			68	C4H4O	000110-00-9	83
5	2,5-Furandione, 3-methyl-			112	C5H4O3	000616-02-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027041.D
Acq On : 11 Sep 2023 20:00
Operator : SY/MD
Sample : 04387-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA5

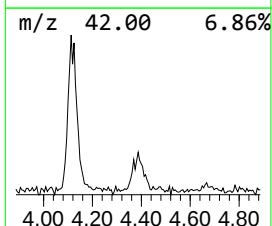
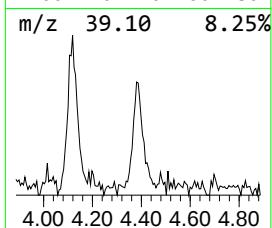
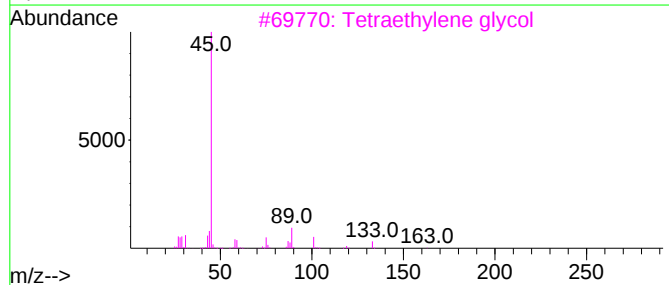
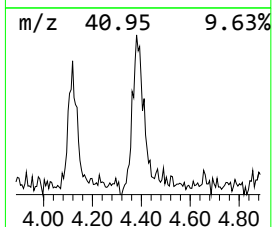
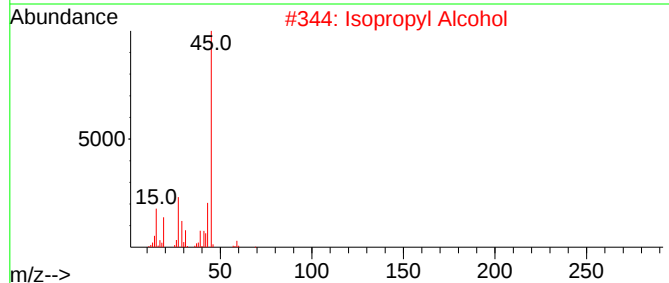
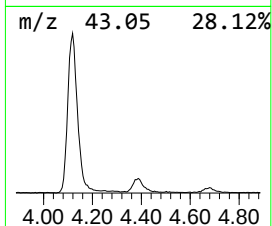
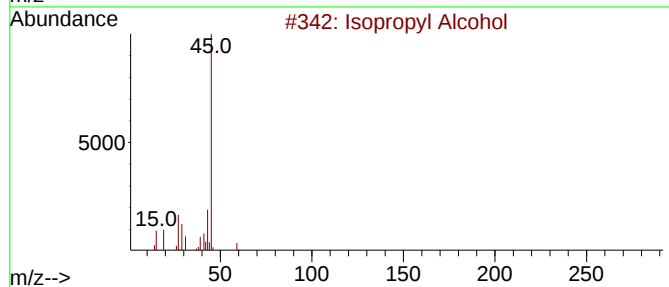
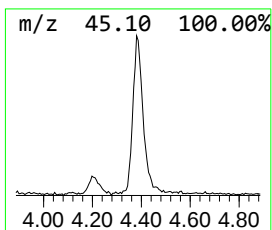
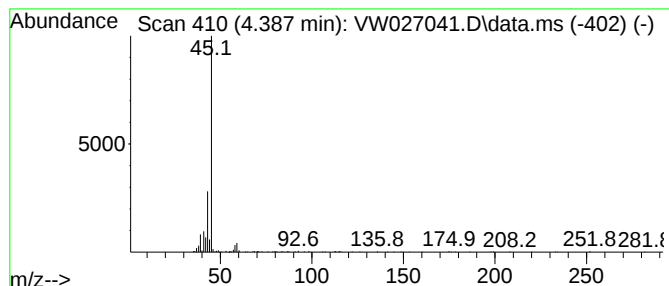
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.387	1.95 ug/L	112912	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3			Tetraethylene glycol	194	C8H18O5	000112-60-7	39
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027041.D
Acq On : 11 Sep 2023 20:00
Operator : SY/MD
Sample : 04387-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA5

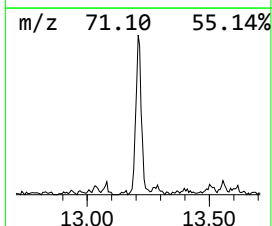
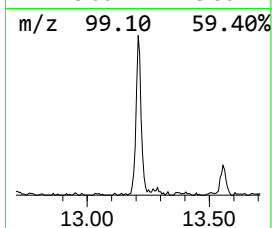
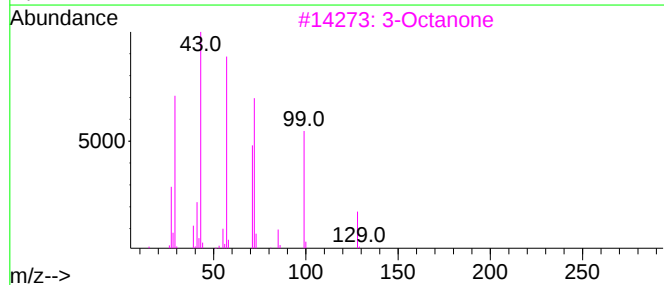
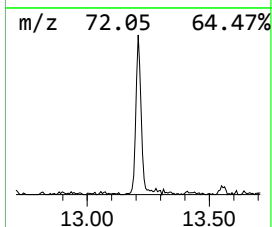
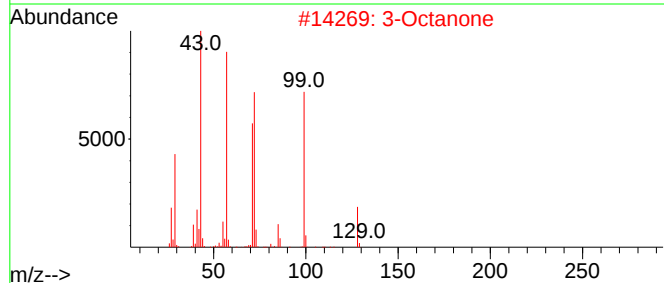
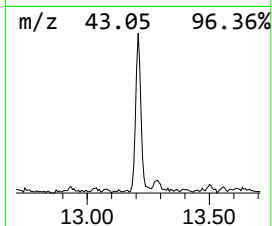
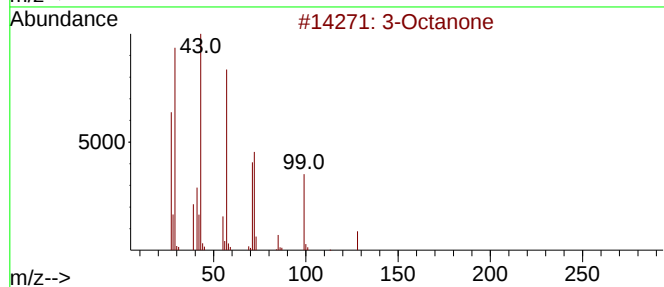
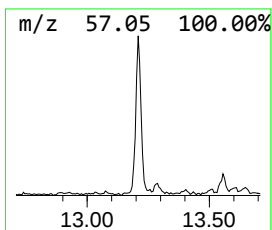
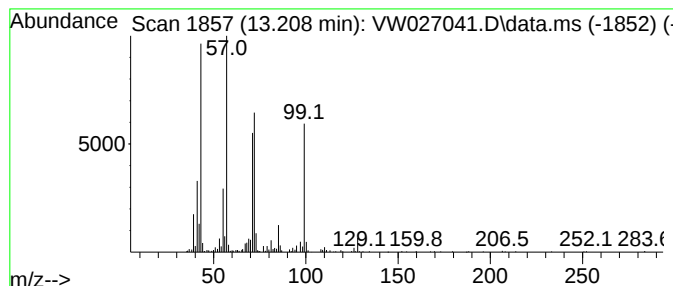
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	3.84 ug/L	167840	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octanone	128	C8H16O	000106-68-3	91
2		3-Octanone	128	C8H16O	000106-68-3	91
3		3-Octanone	128	C8H16O	000106-68-3	58
4		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	47
5		3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027041.D
Acq On : 11 Sep 2023 20:00
Operator : SY/MD
Sample : 04387-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA5

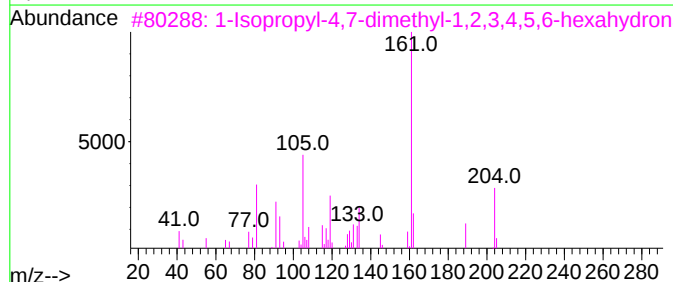
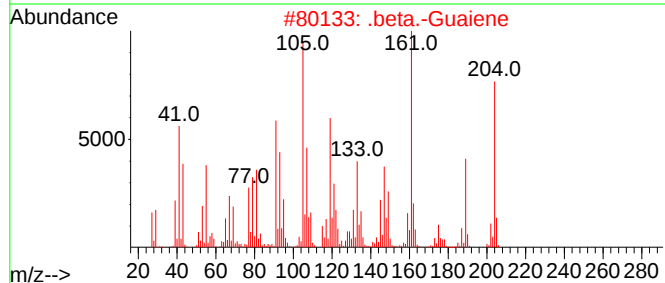
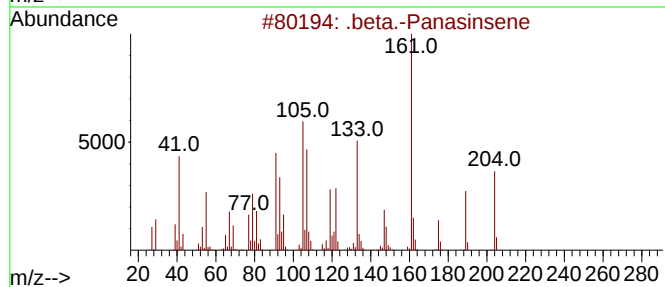
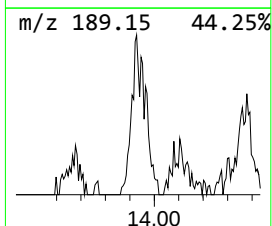
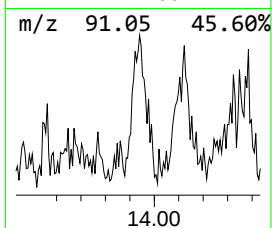
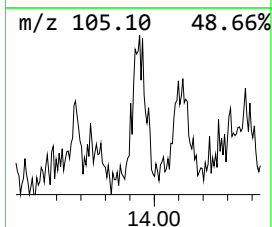
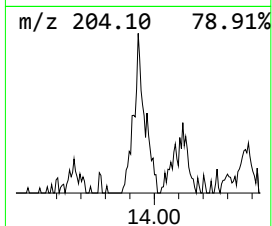
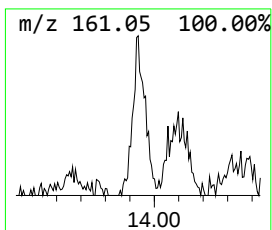
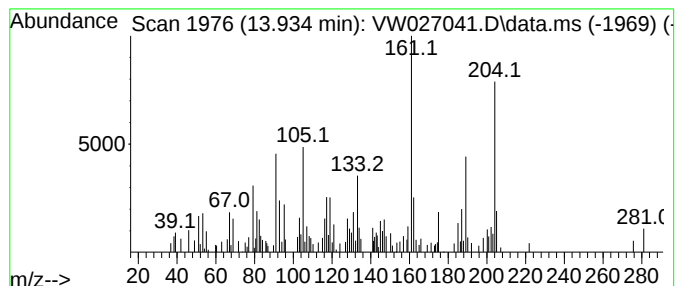
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 .beta.-Panasinsene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	1.80 ug/L	78818	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Panasinsene	204	C15H24	1000159-39-0	89	
2	.	beta.-Guaiene	204	C15H24	000088-84-6	76	
3	1-Isopropyl-4,7-dimethyl-1,2,3,4...	204	C15H24	016729-00-3	70		
4	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	70		
5	2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	68		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027041.D
Acq On : 11 Sep 2023 20:00
Operator : SY/MD
Sample : 04387-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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
Ethanol	3.533	2.2	ug/L	127348	1	8.843	1450900	25.0
Furan	3.728	1.5	ug/L	88636	1	8.843	1450900	25.0
Isopropyl Alcohol	4.387	2.0	ug/L	112912	1	8.843	1450900	25.0
3-Octanone	13.208	3.8	ug/L	167840	3	13.556	1093550	25.0
.beta.-Panasinsene	13.934	1.8	ug/L	78818	3	13.556	1093550	25.0