

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027072.D
 Acq On : 12 Sep 2023 16:42
 Operator : SY/MD
 Sample : 04330-12
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYF8

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: VW027072.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.966	8	13	14	rBV4	3090	5006	0.27%	0.039%
2	2.100	33	35	38	rBV4	1509	1634	0.09%	0.013%
3	2.137	38	41	43	rBV4	2029	2459	0.13%	0.019%
4	2.174	44	47	50	rBV	3104	4009	0.21%	0.031%
5	2.222	50	55	56	rBV5	8276	12800	0.68%	0.099%
6	2.363	72	78	92	rBV	75538	214969	11.41%	1.669%
7	2.893	158	165	176	rBV	81742	240413	12.76%	1.866%
8	3.387	240	246	251	rVB8	6345	12582	0.67%	0.098%
9	3.442	251	255	257	rBV5	1894	2558	0.14%	0.020%
10	3.527	266	269	271	rBV4	2099	2699	0.14%	0.021%
11	3.765	305	308	310	rBV4	1542	1579	0.08%	0.012%
12	4.021	340	350	364	rBV	136605	487876	25.89%	3.787%
13	4.283	391	393	395	rVB3	1980	1652	0.09%	0.013%
14	4.320	395	399	401	rBV5	1373	2049	0.11%	0.016%
15	4.393	401	411	419	rBV	12793	40549	2.15%	0.315%
16	4.515	429	431	434	rVB4	1508	1498	0.08%	0.012%
17	4.612	445	447	450	rVB4	1445	1822	0.10%	0.014%
18	4.649	450	453	455	rBV4	1615	2614	0.14%	0.020%
19	4.710	457	463	464	rBV6	1264	1644	0.09%	0.013%
20	4.917	485	497	508	rBV2	38406	169971	9.02%	1.319%
21	5.228	546	548	551	rVB3	1581	1762	0.09%	0.014%
22	5.301	558	560	562	rBV3	1578	1753	0.09%	0.014%
23	5.399	574	576	579	rVB4	1729	1602	0.09%	0.012%
24	5.435	579	582	584	rBV4	1729	2289	0.12%	0.018%
25	5.527	594	597	601	rBV6	1626	2143	0.11%	0.017%
26	5.575	603	605	607	rBV3	1077	1485	0.08%	0.012%
27	5.649	613	617	618	rBV4	1637	1675	0.09%	0.013%
28	5.722	627	629	631	rVB3	1957	1491	0.08%	0.012%
29	5.935	655	664	665	rBV5	9510	16957	0.90%	0.132%
30	6.222	708	711	716	rVB7	2210	2979	0.16%	0.023%
31	6.264	716	718	719	rBV2	2163	1447	0.08%	0.011%
32	6.356	731	733	735	rBV3	1537	1892	0.10%	0.015%
33	6.417	739	743	744	rVB4	2261	2270	0.12%	0.018%
34	6.441	744	747	748	rVB3	2416	2067	0.11%	0.016%
35	6.514	754	759	761	rBV6	1544	1812	0.10%	0.014%
36	6.679	784	786	789	rVB4	1965	1624	0.09%	0.013%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027072.D
 Acq On : 12 Sep 2023 16:42
 Operator : SY/MD
 Sample : 04330-12
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYF8

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	6.728	791	794	797	rVB4	1577	1594	0.08%	0.012%
38	6.789	800	804	806	rVB5	1375	1555	0.08%	0.012%
39	6.831	808	811	814	rBV5	2126	3313	0.18%	0.026%
40	6.978	831	835	836	rBV4	1760	2275	0.12%	0.018%
41	6.996	836	838	842	rVB5	1898	2007	0.11%	0.016%
42	7.075	843	851	858	rBV	72694	203005	10.77%	1.576%
43	7.301	887	888	891	rVB3	1783	1519	0.08%	0.012%
44	7.398	903	904	907	rVB3	2345	2318	0.12%	0.018%
45	7.526	923	925	926	rBV2	1443	1464	0.08%	0.011%
46	7.648	935	945	961	rBV2	335139	881748	46.79%	6.844%
47	7.990	999	1001	1004	rVB4	2041	2011	0.11%	0.016%
48	8.160	1027	1029	1033	rVV5	1784	2719	0.14%	0.021%
49	8.276	1038	1048	1063	rBV2	592160	1884386	100.00%	14.626%
50	8.441	1073	1075	1079	rBV5	1365	2086	0.11%	0.016%
51	8.544	1087	1092	1093	rBV5	1846	2644	0.14%	0.021%
52	8.703	1110	1118	1124	rBV7	6020	16234	0.86%	0.126%
53	8.843	1132	1141	1150	rBV	684881	1350217	71.65%	10.480%
54	8.965	1159	1161	1167	rVB7	2433	3596	0.19%	0.028%
55	9.081	1171	1180	1188	rBV2	60060	125810	6.68%	0.977%
56	9.276	1203	1212	1220	rBV	439386	901133	47.82%	6.995%
57	9.410	1232	1234	1237	rVB4	1825	1531	0.08%	0.012%
58	9.520	1250	1252	1258	rBV7	2593	4722	0.25%	0.037%
59	9.593	1261	1264	1265	rBV3	1733	1858	0.10%	0.014%
60	9.672	1270	1277	1279	rBV7	8032	16821	0.89%	0.131%
61	9.831	1301	1303	1305	rBV3	2160	1644	0.09%	0.013%
62	9.855	1305	1307	1311	rVV5	1454	1487	0.08%	0.012%
63	9.892	1311	1313	1317	rVB5	1711	2066	0.11%	0.016%
64	10.032	1329	1336	1344	rBV	176064	330500	17.54%	2.565%
65	10.209	1358	1365	1373	rBV3	11611	28321	1.50%	0.220%
66	10.325	1375	1384	1391	rBV	572115	1014209	53.82%	7.872%
67	10.386	1391	1394	1400	rVB	16774	30457	1.62%	0.236%
68	10.501	1407	1413	1419	rBV10	6183	13461	0.71%	0.104%
69	10.575	1419	1425	1434	rBV	116783	207517	11.01%	1.611%
70	10.757	1453	1455	1463	rVB9	3981	6100	0.32%	0.047%
71	10.855	1465	1471	1476	rBV10	5226	14185	0.75%	0.110%
72	10.922	1476	1482	1497	rBV	178673	334956	17.78%	2.600%
73	11.221	1528	1531	1532	rBV3	2380	2474	0.13%	0.019%
74	11.337	1547	1550	1554	rBV5	3908	4949	0.26%	0.038%
75	11.568	1586	1588	1590	rVB3	3004	2095	0.11%	0.016%
76	11.629	1590	1598	1608	rBV	622326	1051476	55.80%	8.161%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027072.D
 Acq On : 12 Sep 2023 16:42
 Operator : SY/MD
 Sample : 04330-12
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYF8

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	11.733	1611	1615	1622	rVB6	12351	23968	1.27%	0.186%
78	11.837	1628	1632	1637	rBV4	10532	17790	0.94%	0.138%
79	12.160	1683	1685	1692	rVB3	17737	30531	1.62%	0.237%
80	12.245	1694	1699	1704	rVB5	12000	24094	1.28%	0.187%
81	12.336	1711	1714	1716	rBV4	6913	9099	0.48%	0.071%
82	12.458	1731	1734	1737	rBV5	6148	9587	0.51%	0.074%
83	12.538	1744	1747	1749	rBV4	5158	6969	0.37%	0.054%
84	12.690	1766	1772	1780	rVB	254380	406224	21.56%	3.153%
85	12.934	1807	1812	1818	rVB3	49814	94693	5.03%	0.735%
86	13.159	1846	1849	1856	rVB4	20949	32972	1.75%	0.256%
87	13.464	1891	1899	1906	rBV5	76140	176105	9.35%	1.367%
88	13.556	1909	1914	1922	rVB3	315824	560243	29.73%	4.349%
89	13.781	1949	1951	1956	rVB2	33094	46174	2.45%	0.358%
90	13.848	1957	1962	1971	rBV2	214931	499999	26.53%	3.881%
91	14.092	1999	2002	2006	rVB	46007	61892	3.28%	0.480%
92	14.202	2015	2020	2025	rBV3	56176	92197	4.89%	0.716%
93	14.385	2046	2050	2053	rVB3	47765	65666	3.48%	0.510%
94	14.495	2065	2068	2071	rVV2	47032	53663	2.85%	0.417%
95	14.537	2072	2075	2082	rVB5	36144	63813	3.39%	0.495%
96	14.720	2101	2105	2110	rVB3	104804	162567	8.63%	1.262%
97	14.799	2112	2118	2121	rBV4	130041	303586	16.11%	2.356%
98	14.952	2140	2143	2149	rVB2	66117	114446	6.07%	0.888%
99	15.318	2199	2203	2213	rBV5	72301	143209	7.60%	1.112%
100	15.549	2238	2241	2249	rVB2	95999	165848	8.80%	1.287%

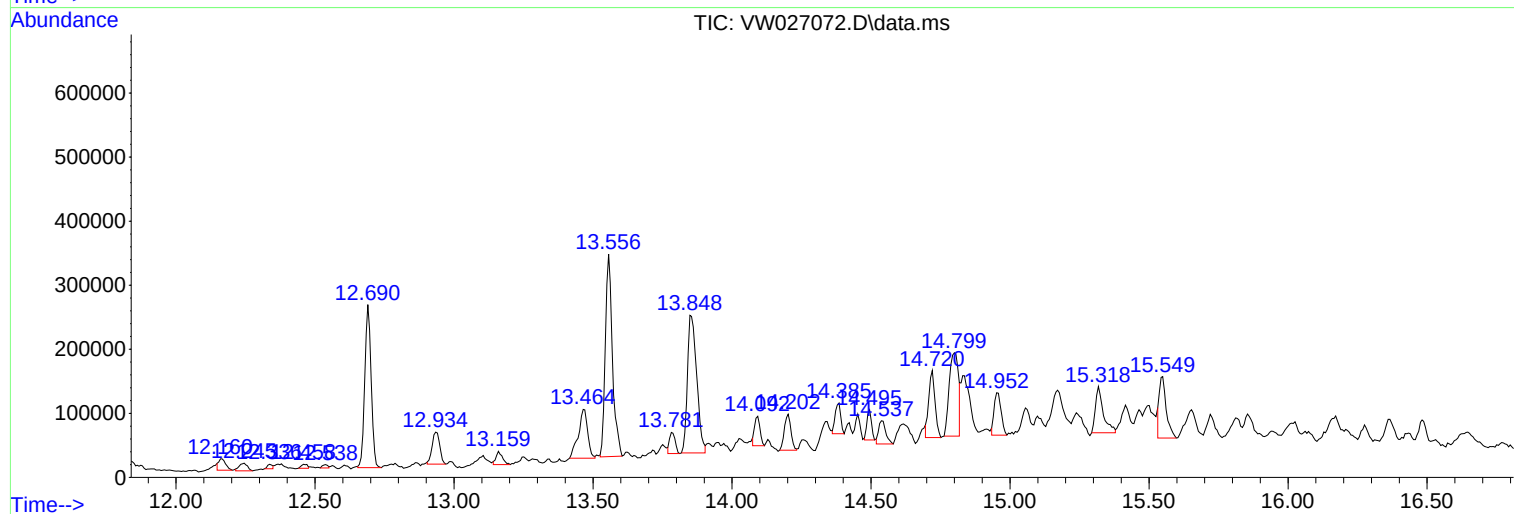
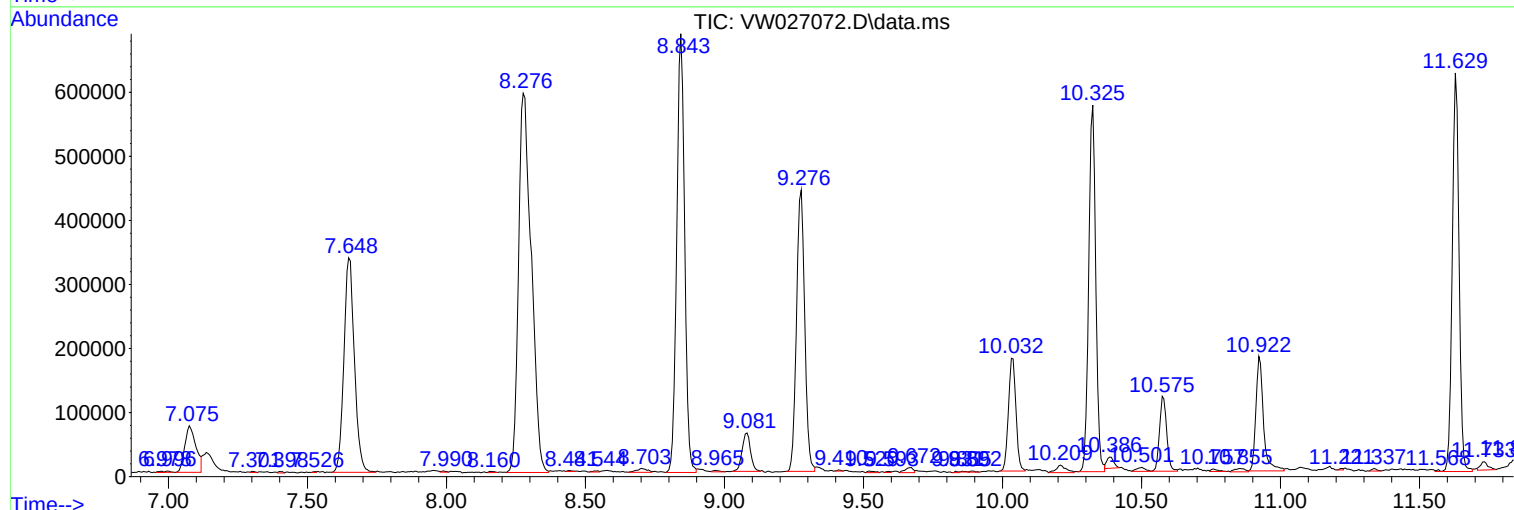
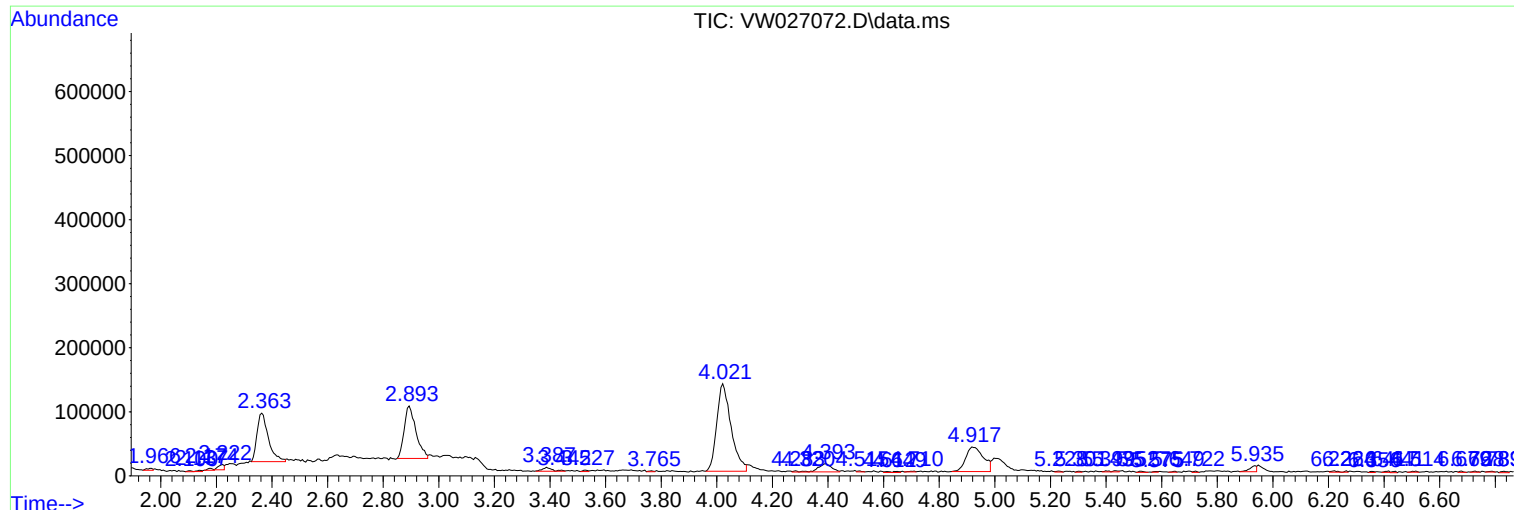
Sum of corrected areas: 12883429

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

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\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

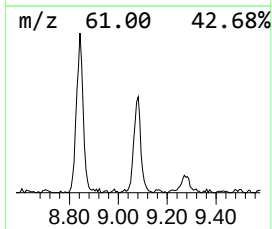
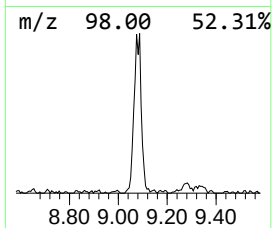
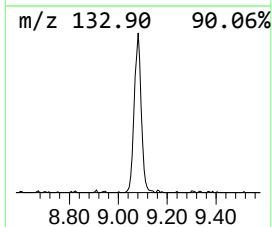
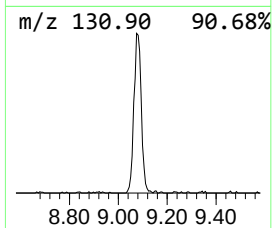
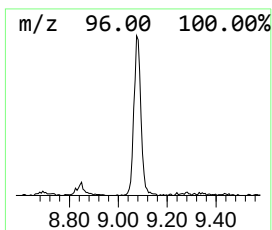
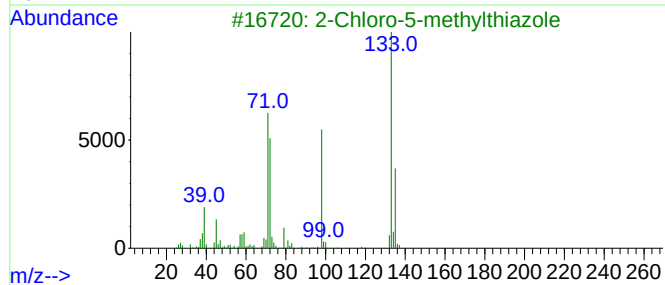
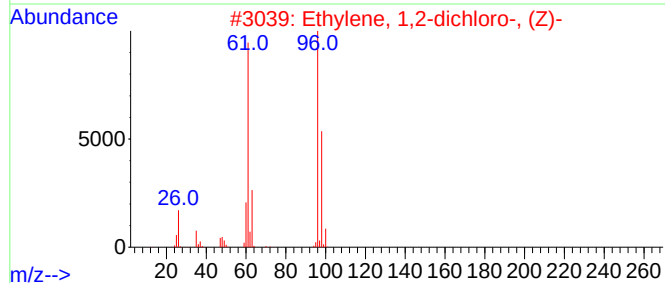
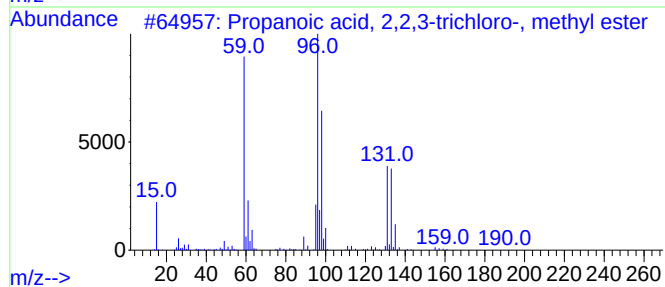
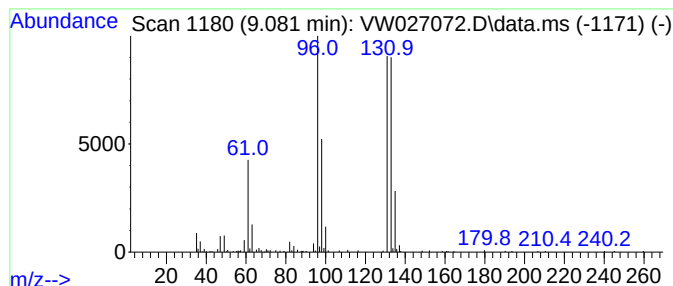
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	2.33 ug/L	125810	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3			2-Chloro-5-methylthiazole	133	C4H4ClNS	033342-65-3	27
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5			2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

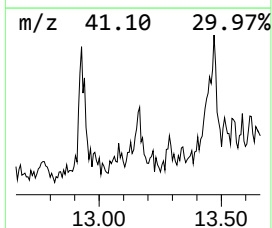
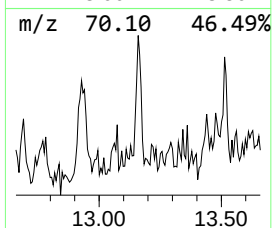
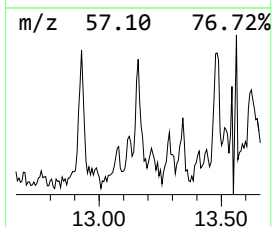
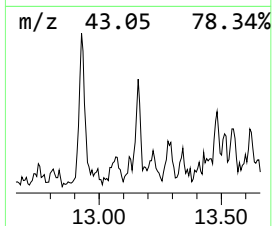
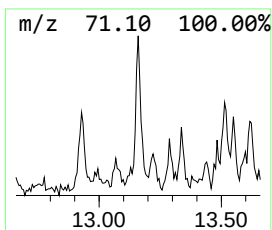
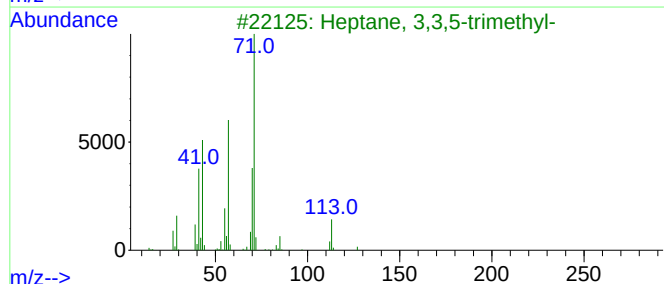
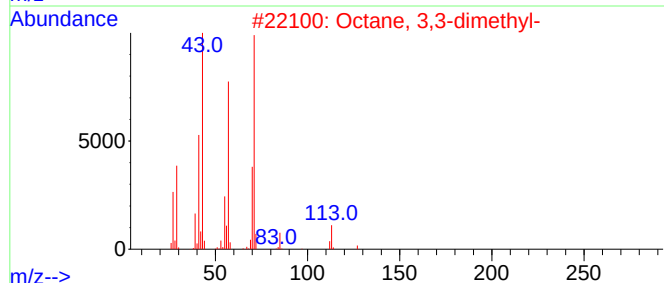
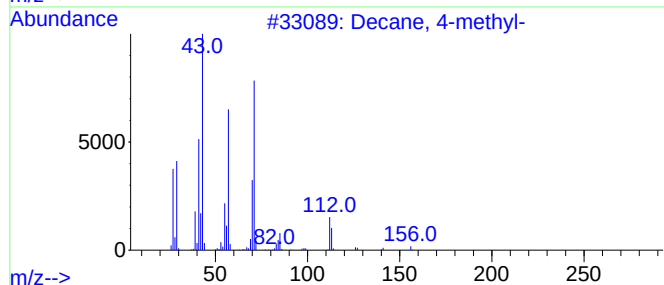
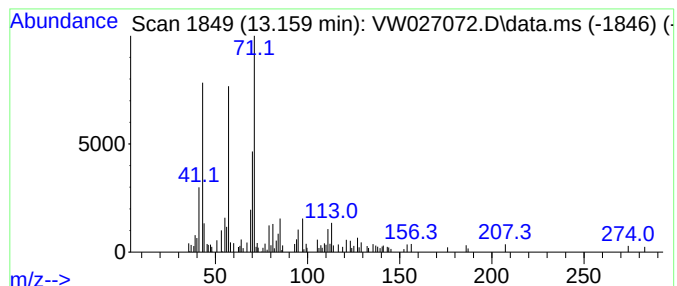
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	1.47 ug/L	32972	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	72
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
4			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	59
5			Sulfurous acid, octadecyl 2-pent...	404	C23H48O3S	1000309-16-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

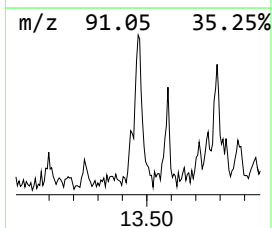
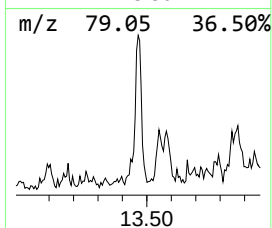
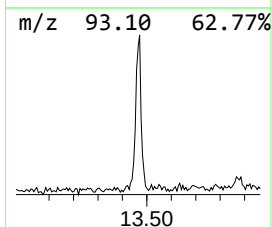
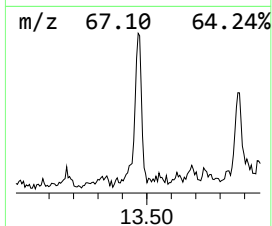
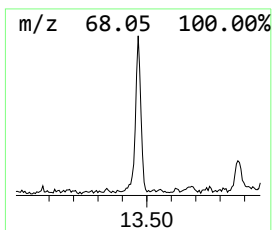
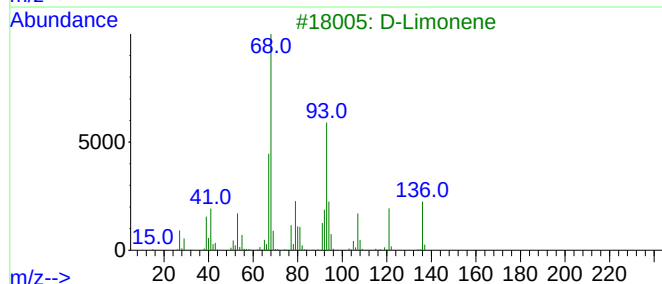
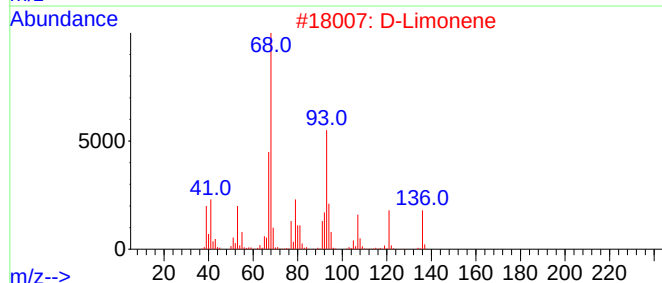
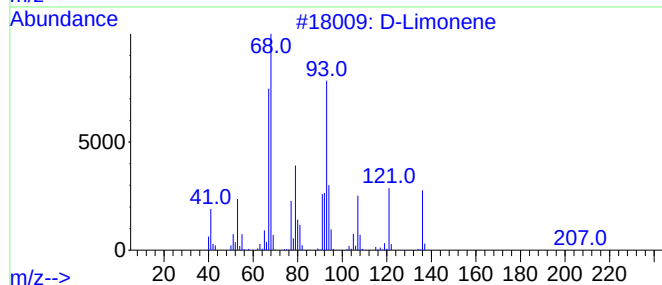
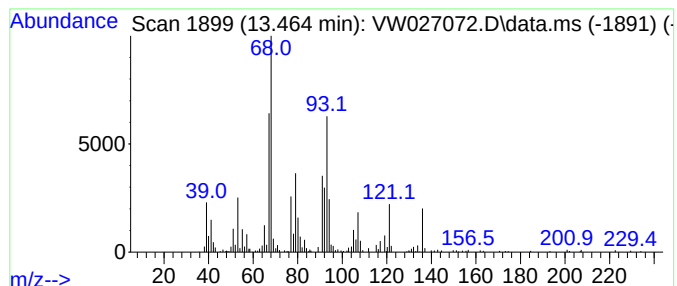
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	7.86 ug/L	176105	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	94
2	D-Limonene			136	C10H16	005989-27-5	93
3	D-Limonene			136	C10H16	005989-27-5	91
4	D-Limonene			136	C10H16	005989-27-5	90
5	Limonene			136	C10H16	000138-86-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

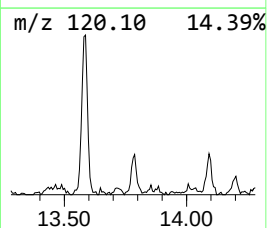
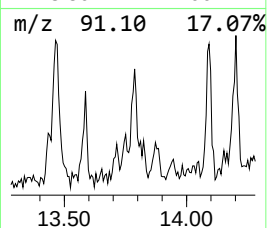
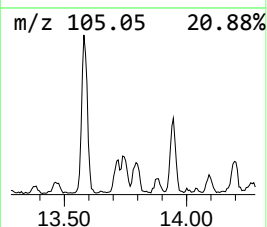
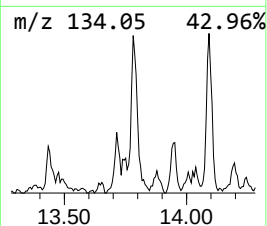
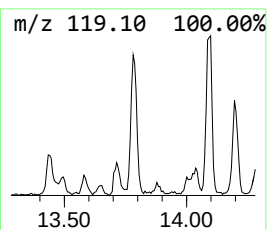
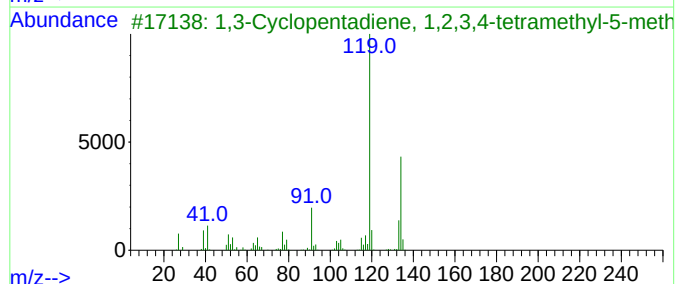
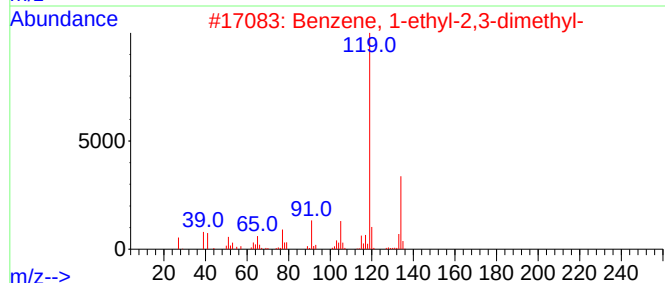
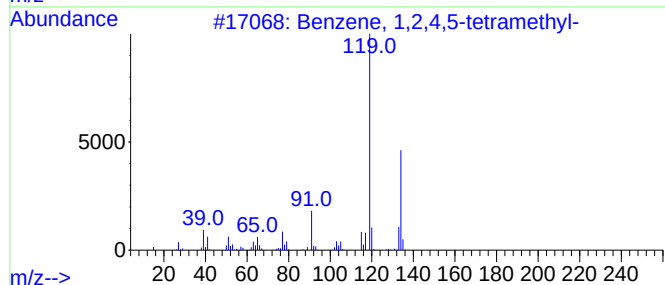
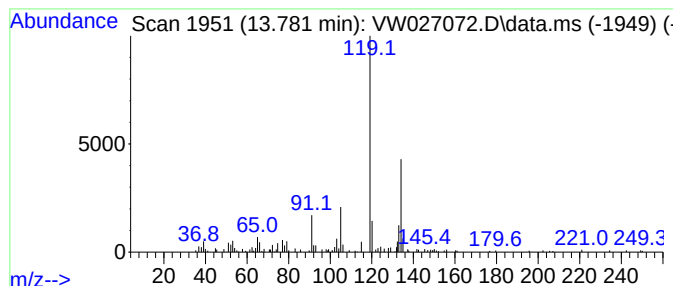
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	2.06 ug/L	46174	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	83
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

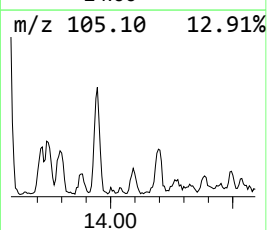
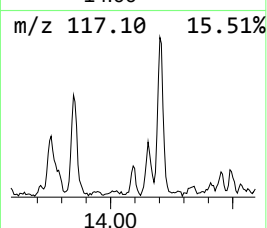
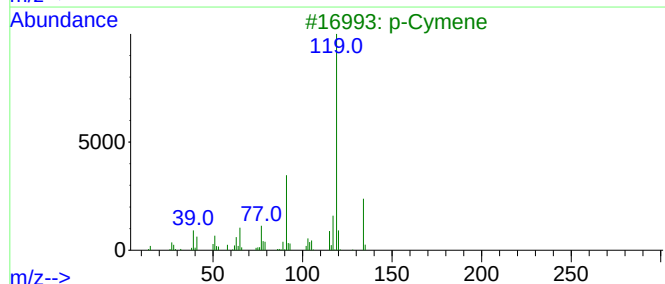
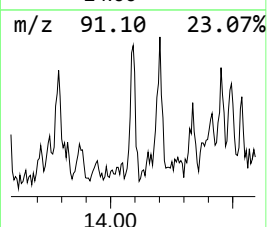
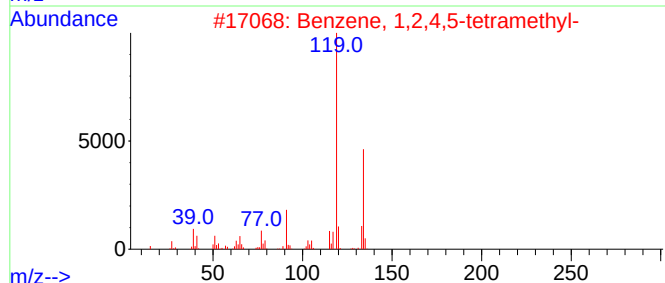
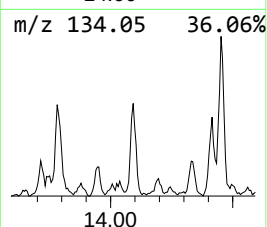
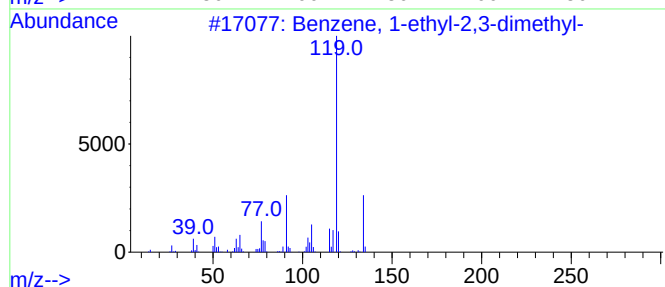
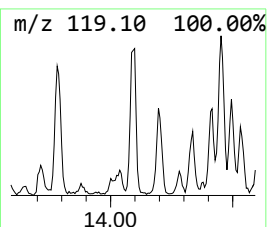
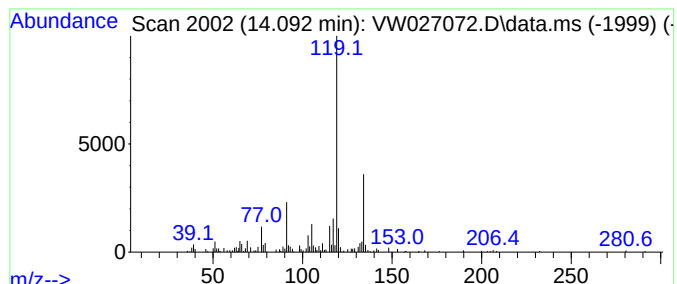
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	2.76 ug/L	61892	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3			p-Cymene	134	C10H14	000099-87-6	90
4			o-Cymene	134	C10H14	000527-84-4	90
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

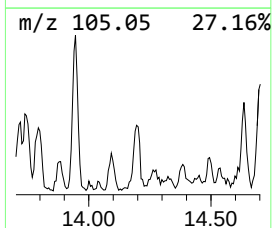
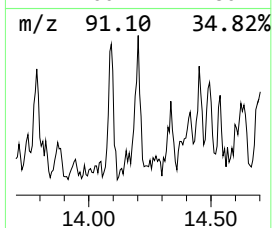
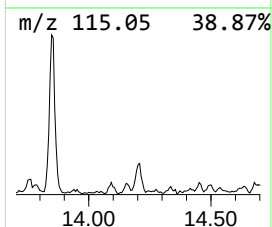
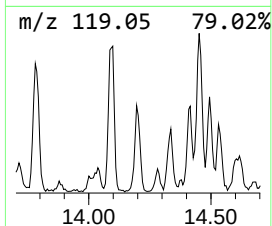
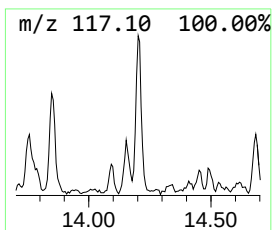
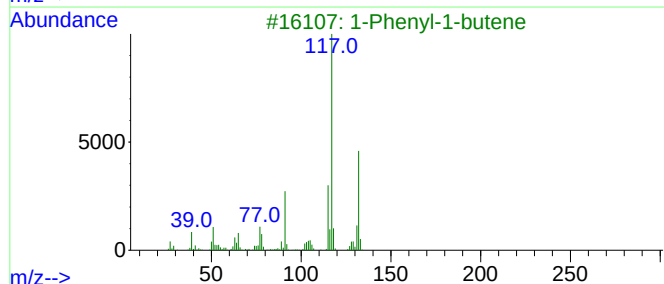
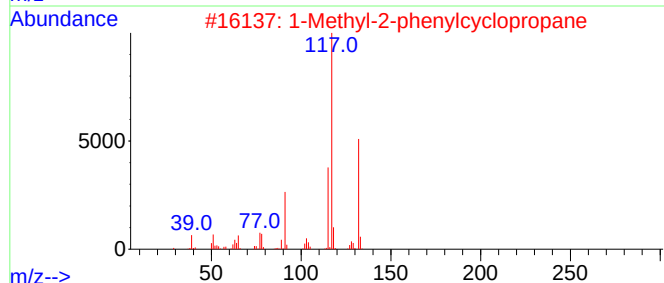
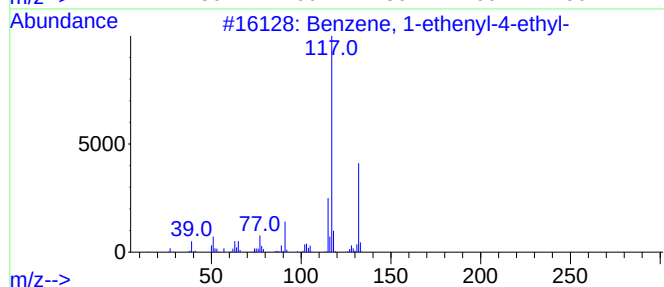
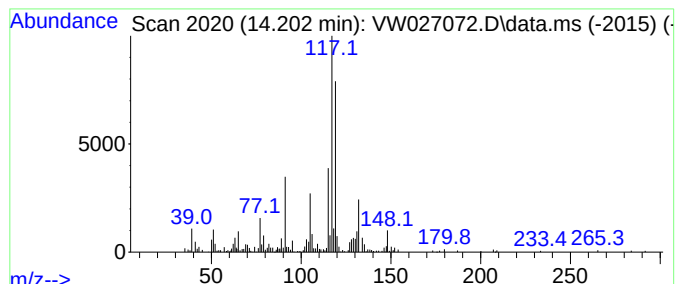
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	4.11 ug/L	92197	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	50
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

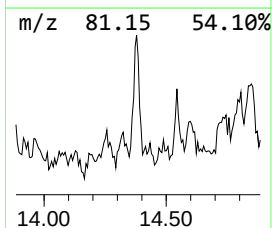
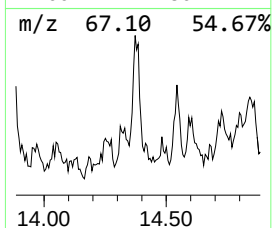
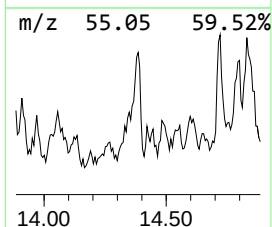
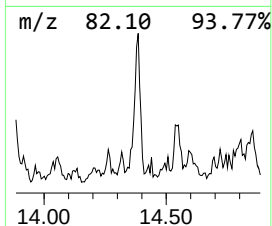
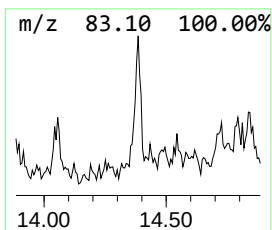
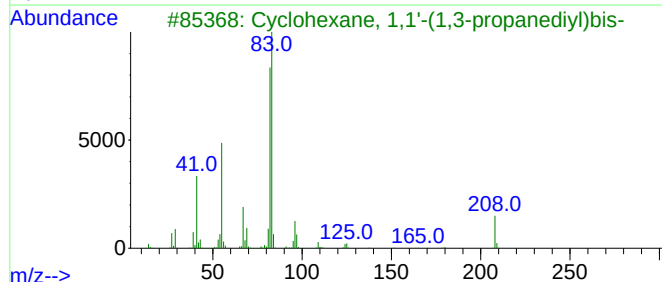
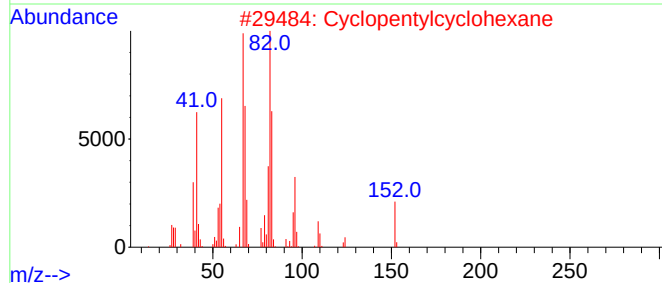
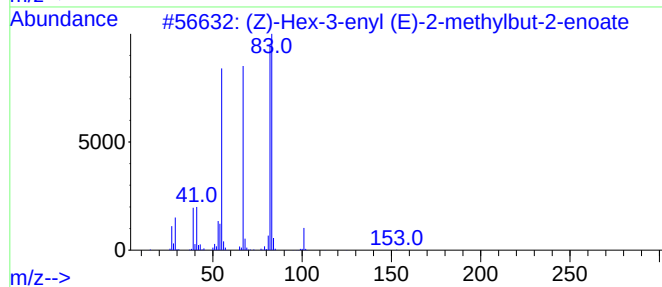
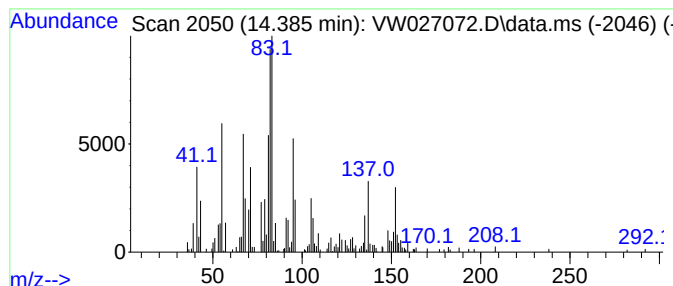
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	2.93 ug/L	65666	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	43		
2	Cyclopentylcyclohexane	152	C11H20	001606-08-2	43		
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	38		
4	3,4-Nonadiene	124	C9H16	037050-03-6	35		
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	30		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

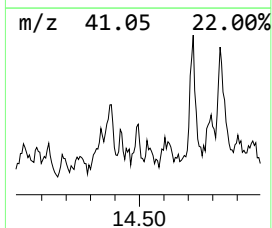
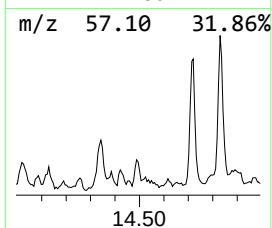
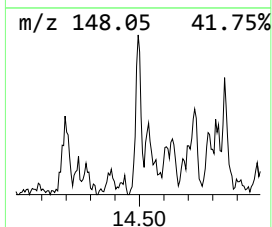
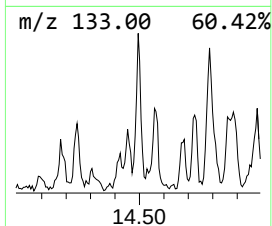
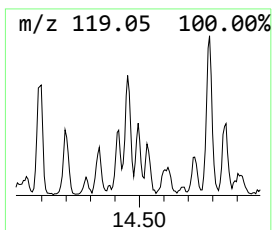
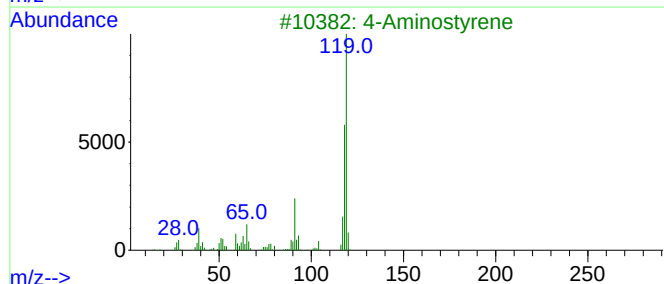
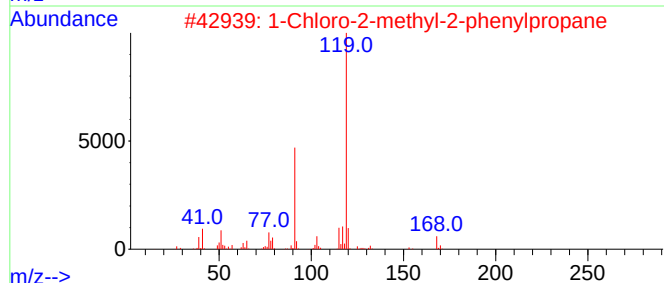
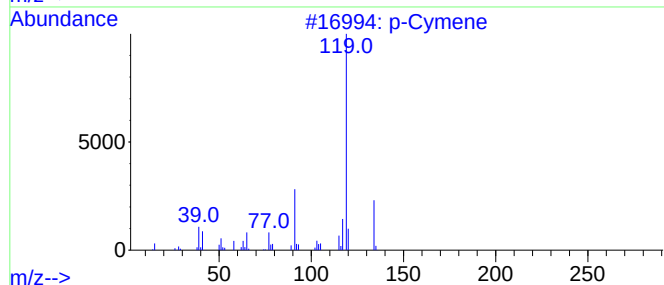
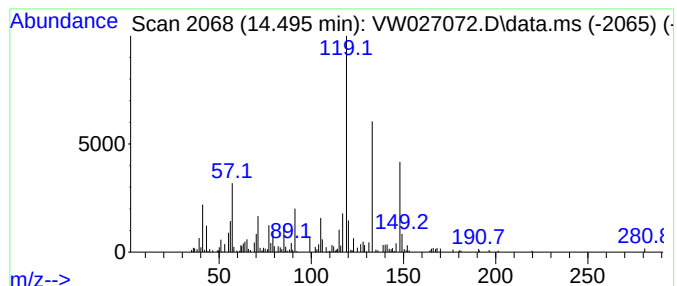
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	2.39 ug/L	53663	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	38
2			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	38
3			4-Aminostyrene	119	C8H9N	001520-21-4	38
4			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	38
5			3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

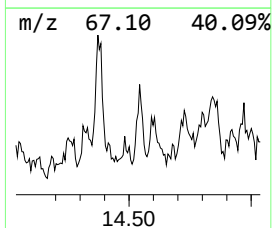
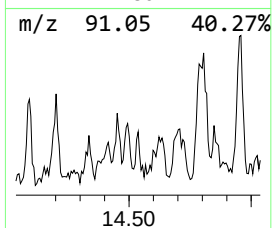
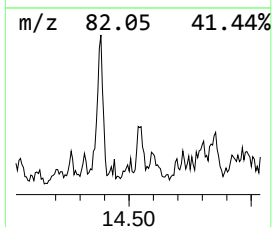
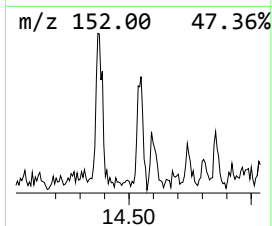
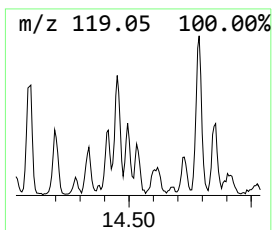
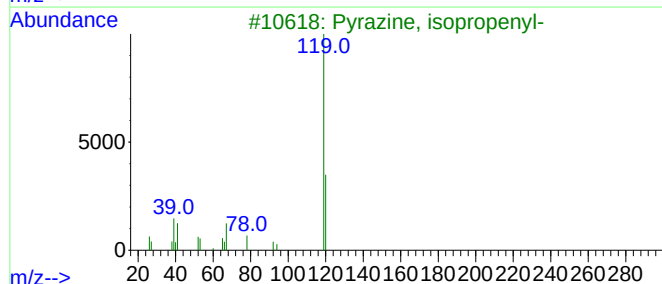
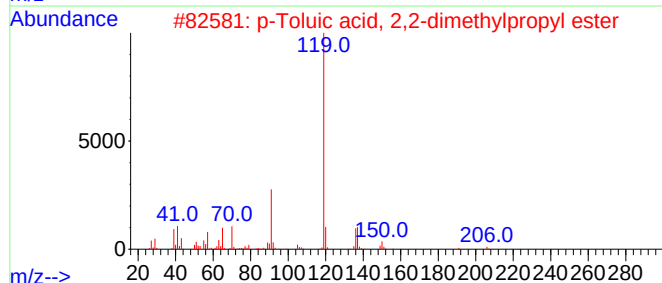
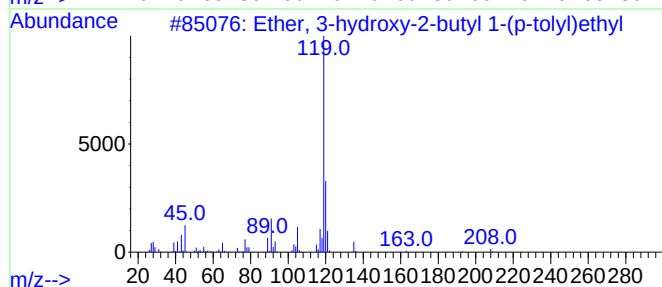
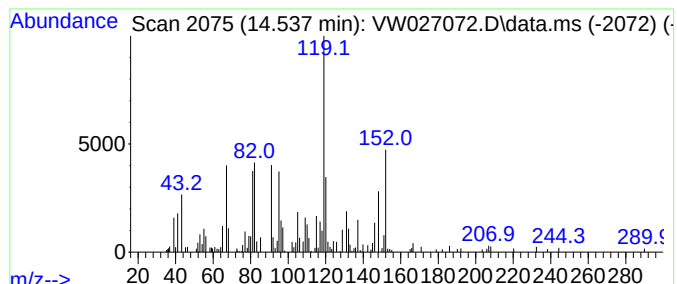
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.537	2.85 ug/L	63813	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	25
2			p-Toluic acid, 2,2-dimethylpropy...	206	C13H18O2	069912-01-2	25
3			Pyrazine, isopropenyl-	120	C7H8N2	034413-32-6	25
4			p-Toluic acid, 2-ethylcyclohexyl...	246	C16H22O2	1000293-34-1	22
5			4'-Methylpropiophenone	148	C10H12O	005337-93-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

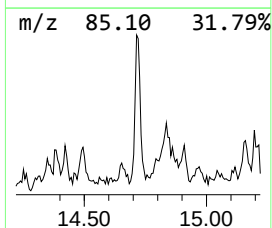
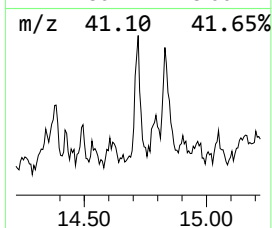
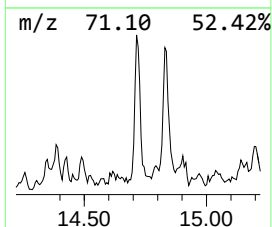
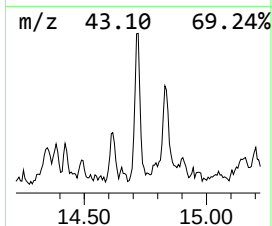
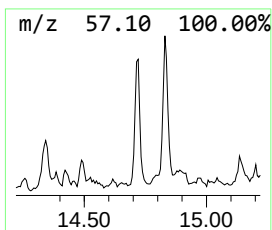
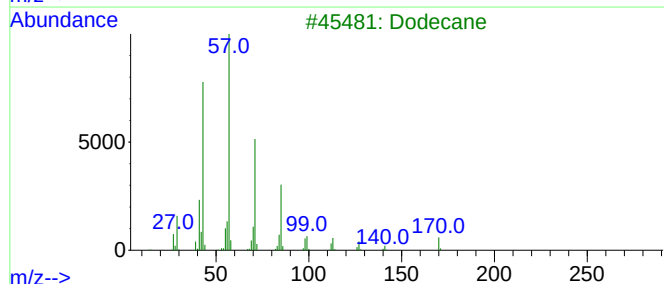
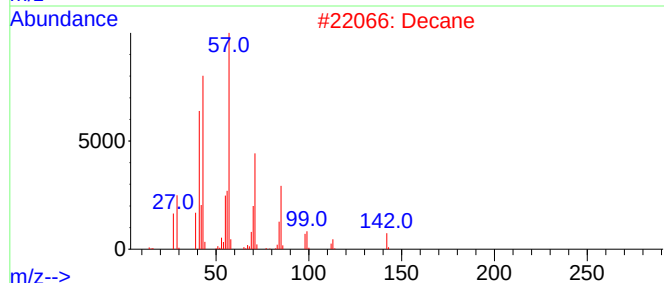
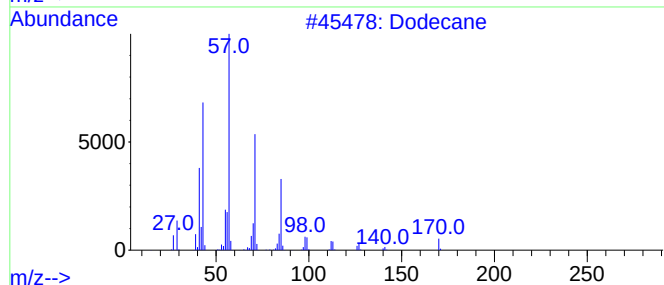
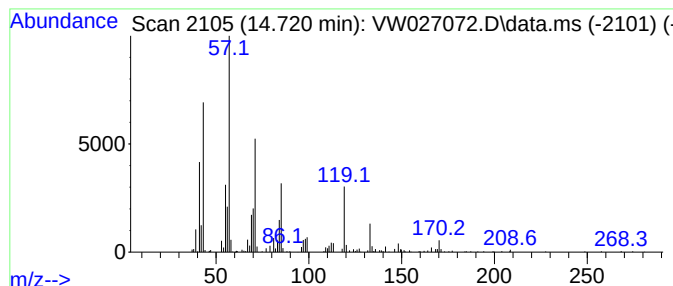
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	7.25 ug/L	162567	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	89
2			Decane	142	C10H22	000124-18-5	64
3			Dodecane	170	C12H26	000112-40-3	60
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	59
5			Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

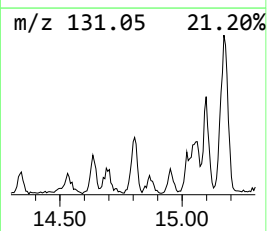
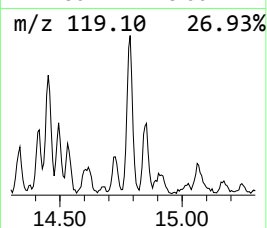
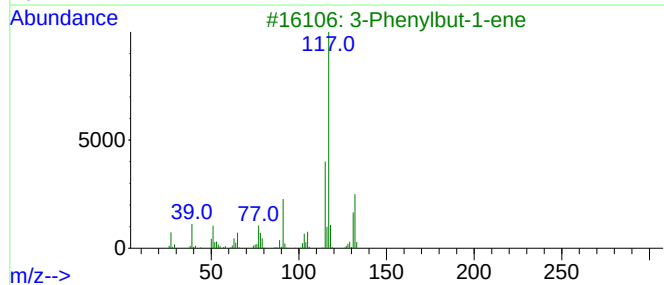
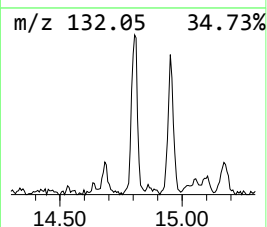
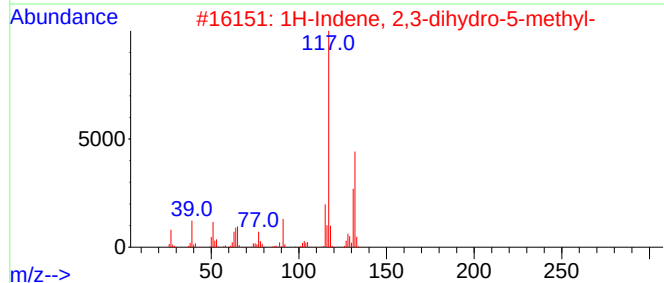
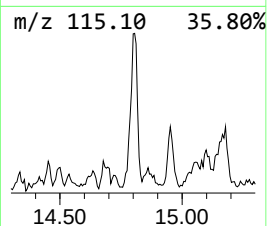
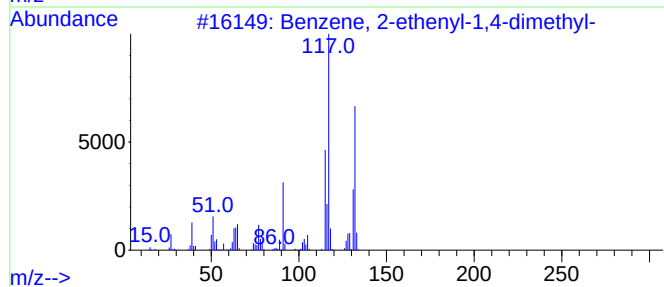
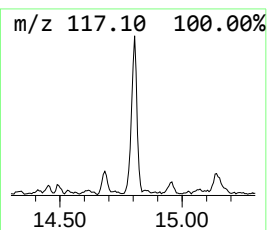
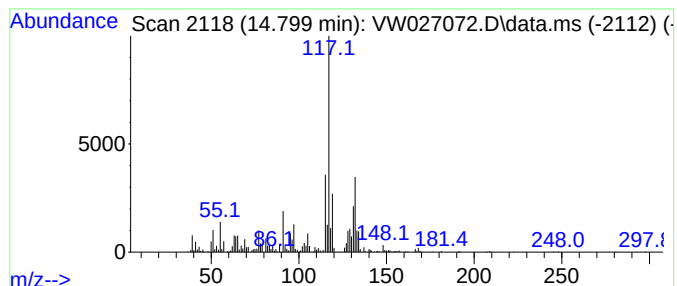
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	13.55 ug/L	303586	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

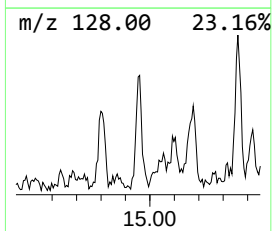
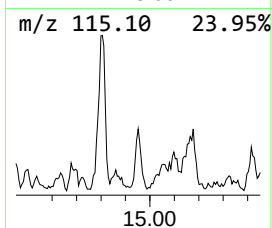
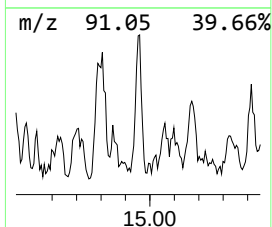
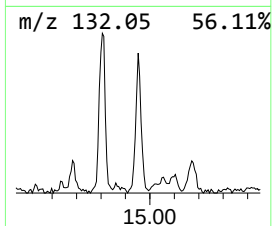
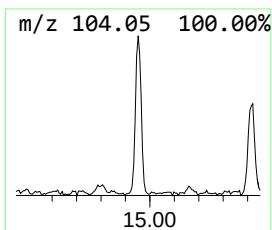
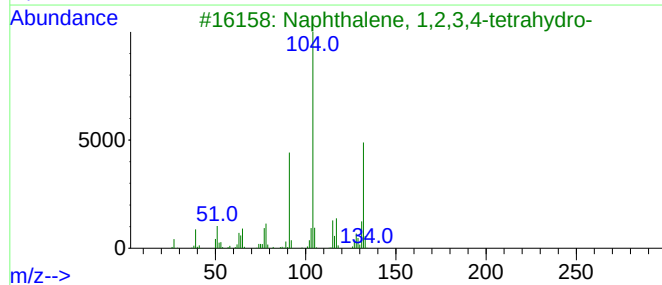
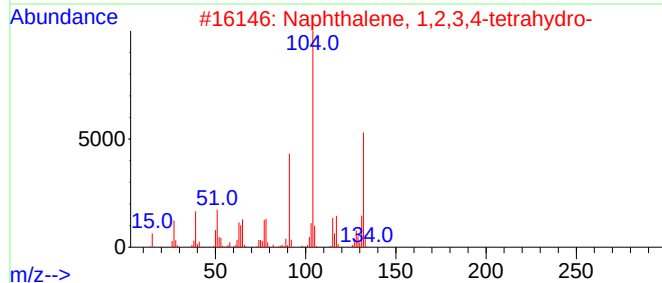
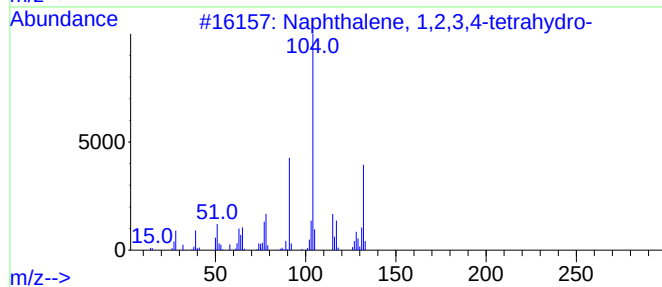
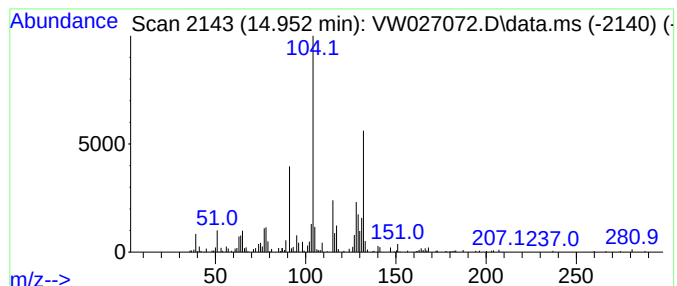
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	5.11 ug/L	114446	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

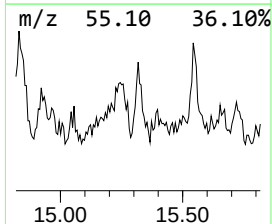
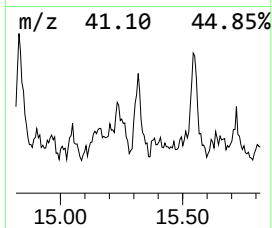
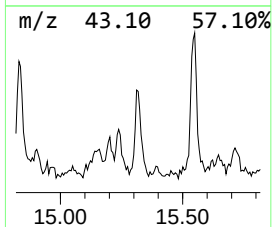
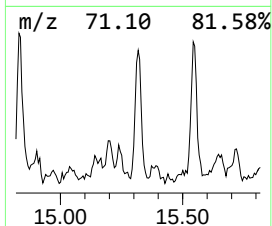
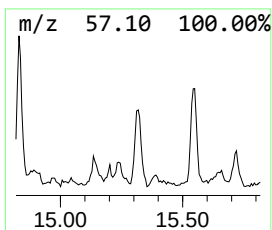
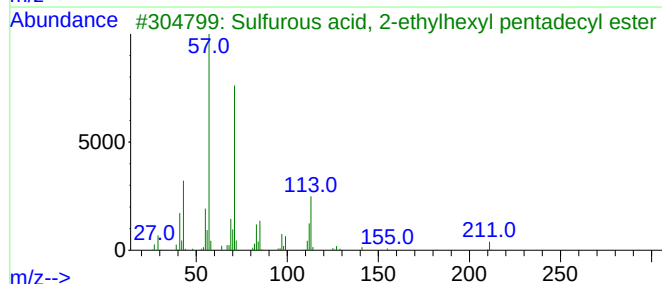
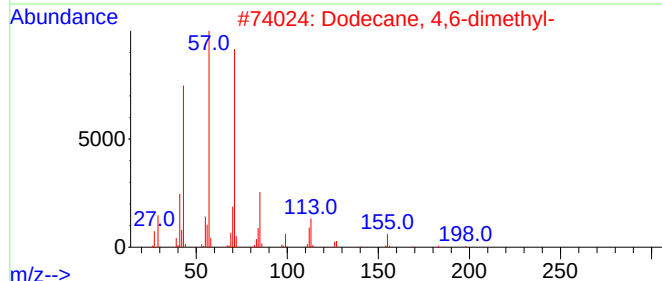
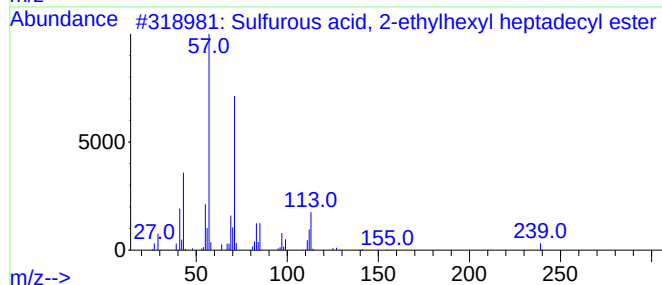
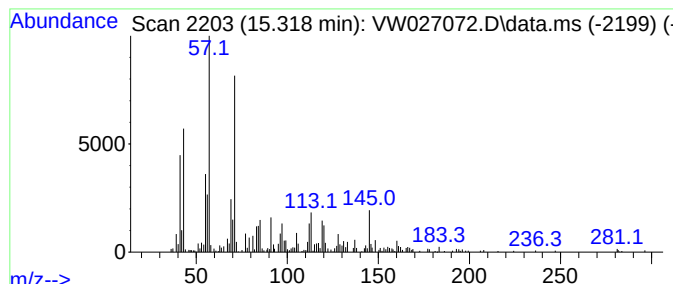
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	6.39 ug/L	143209	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	58
4			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	58
5			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027072.D
Acq On : 12 Sep 2023 16:42
Operator : SY/MD
Sample : 04330-12
Misc : 5.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYF8

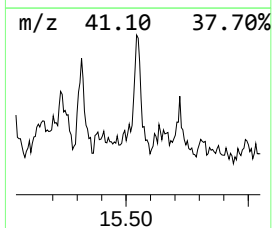
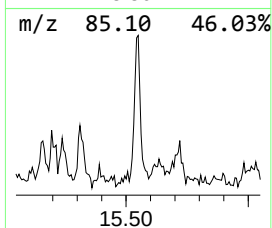
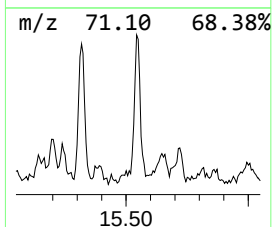
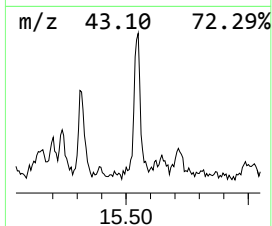
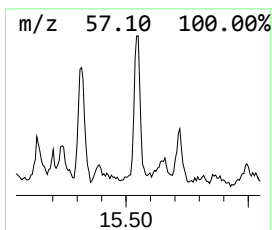
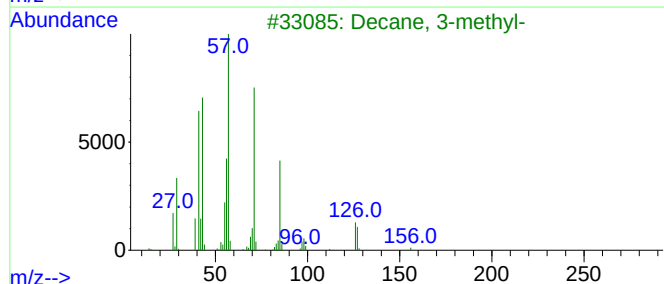
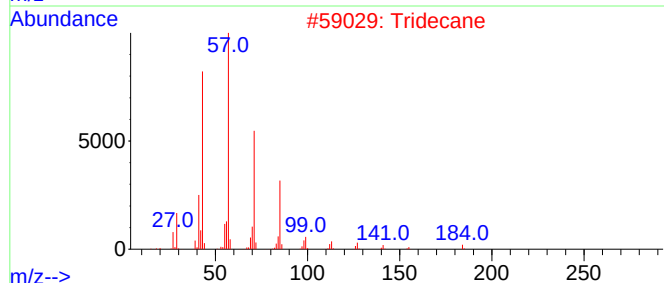
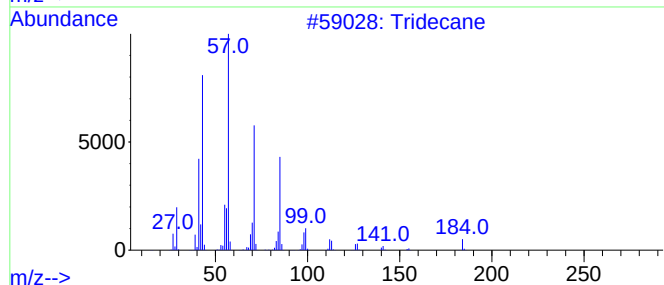
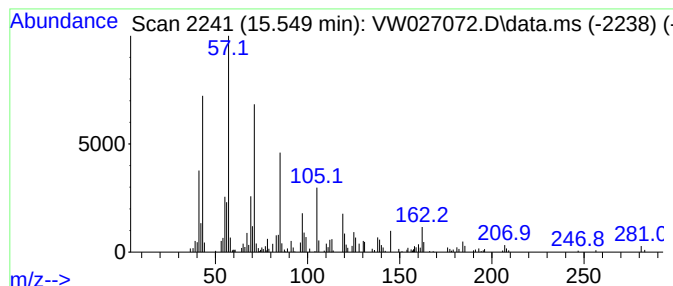
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.549	7.40 ug/L	165848	1,4-Dichlorobenzene-d4	13.562

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	70
2		Tridecane	184	C13H28	000629-50-5	53
3		Decane, 3-methyl-	156	C11H24	013151-34-3	46
4		Dodecane	170	C12H26	000112-40-3	46
5		Tetradecane	198	C14H30	000629-59-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027072.D
 Acq On : 12 Sep 2023 16:42
 Operator : SY/MD
 Sample : 04330-12
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYF8

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

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanoic acid,...	9.081	2.3	ug/L	125810	1	8.843	1350220	25.0
(DEL) Alkane: S...	13.160	1.5	ug/L	32972	3	13.562	560243	25.0
D-Limonene	13.464	7.9	ug/L	176105	3	13.562	560243	25.0
Benzene, 1,2,4,...	13.781	2.1	ug/L	46174	3	13.562	560243	25.0
Benzene, 1-ethy...	14.092	2.8	ug/L	61892	3	13.562	560243	25.0
Benzene, 1-ethe...	14.202	4.1	ug/L	92197	3	13.562	560243	25.0
unknown-01	14.385	2.9	ug/L	65666	3	13.562	560243	25.0
unknown-02	14.495	2.4	ug/L	53663	3	13.562	560243	25.0
unknown-03	14.537	2.9	ug/L	63813	3	13.562	560243	25.0
(DEL) Alkane: S...	14.720	7.3	ug/L	162567	3	13.562	560243	25.0
Benzene, 2-ethe...	14.799	13.6	ug/L	303586	3	13.562	560243	25.0
Naphthalene, 1,...	14.952	5.1	ug/L	114446	3	13.562	560243	25.0
Sulfurous acid,...	15.318	6.4	ug/L	143209	3	13.562	560243	25.0
(DEL) Alkane: S...	15.549	7.4	ug/L	165848	3	13.562	560243	25.0