

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022058.D
 Acq On : 03 Feb 2022 03:25
 Operator : SY/VA
 Sample : N1363-06
 Misc : 6.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLZ2

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\SFAMWLM020122SMA.M
 Title : SFAM01.0

Signal : TIC: VW022058.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	65	73	82	rBV	47200	76642	1.86%	0.381%
2	2.489	87	96	104	rBV	7133	14781	0.36%	0.073%
3	2.642	113	121	126	rBV5	2887	6905	0.17%	0.034%
4	2.812	143	149	154	rBV	2846	5274	0.13%	0.026%
5	2.885	154	161	169	rVB	26748	57266	1.39%	0.285%
6	4.013	334	346	356	rBV	55524	155564	3.78%	0.773%
7	4.123	358	364	375	rVV	9077	25575	0.62%	0.127%
8	4.385	398	407	415	rVV	3490	10129	0.25%	0.050%
9	5.787	630	637	647	rVB5	1858	5894	0.14%	0.029%
10	5.946	652	663	673	rBV6	1838	6263	0.15%	0.031%
11	7.080	840	849	858	rBV	11001	31483	0.76%	0.156%
12	7.171	859	864	873	rVB3	3842	10376	0.25%	0.052%
13	7.525	913	922	929	rBV4	4195	10632	0.26%	0.053%
14	7.647	930	942	955	rVB2	86027	227355	5.52%	1.130%
15	7.927	981	988	993	rBV2	6032	15064	0.37%	0.075%
16	8.031	999	1005	1015	rVB3	9137	24551	0.60%	0.122%
17	8.159	1018	1026	1035	rBV	7919	18217	0.44%	0.091%
18	8.275	1035	1045	1063	rBV2	143164	467210	11.34%	2.321%
19	8.513	1073	1084	1092	rVB5	12944	45818	1.11%	0.228%
20	8.695	1104	1114	1120	rBV6	3886	9112	0.22%	0.045%
21	8.842	1128	1138	1149	rBV	180436	363783	8.83%	1.807%
22	8.994	1158	1163	1168	rVB3	3732	7195	0.17%	0.036%
23	9.073	1168	1176	1185	rBV3	13898	30285	0.74%	0.150%
24	9.275	1200	1209	1215	rBV	94799	199405	4.84%	0.991%
25	9.384	1223	1227	1236	rVB5	6444	11710	0.28%	0.058%
26	9.756	1279	1288	1297	rBV2	9790	19965	0.48%	0.099%
27	9.896	1300	1311	1316	rBV3	10613	22953	0.56%	0.114%
28	9.957	1316	1321	1324	rBV	8879	15262	0.37%	0.076%
29	10.037	1329	1334	1339	rVV	40968	72186	1.75%	0.359%
30	10.098	1339	1344	1356	rVB3	13129	31937	0.78%	0.159%
31	10.207	1356	1362	1366	rBV	7963	16128	0.39%	0.080%
32	10.323	1373	1381	1388	rBV	224698	403267	9.79%	2.004%
33	10.390	1388	1392	1398	rVB2	13095	23497	0.57%	0.117%
34	10.579	1416	1423	1432	rBV	28145	51096	1.24%	0.254%
35	10.756	1446	1452	1457	rBV7	2589	5835	0.14%	0.029%
36	10.841	1462	1466	1473	rVB3	4326	8024	0.19%	0.040%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022058.D
 Acq On : 03 Feb 2022 03:25
 Operator : SY/VA
 Sample : N1363-06
 Misc : 6.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLZ2

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\SFAMWLM020122SMA.M
 Title : SFAM01.0

37	10.921	1473	1479	1487	rBV2	51835	96142	2.33%	0.478%
38	11.030	1494	1497	1501	rVB2	4598	6670	0.16%	0.033%
39	11.110	1506	1510	1513	rBV5	3106	4773	0.12%	0.024%
40	11.177	1517	1521	1525	rBV3	4751	8356	0.20%	0.042%
41	11.225	1525	1529	1534	rBV4	8596	14569	0.35%	0.072%
42	11.335	1542	1547	1551	rBV3	9111	15048	0.37%	0.075%
43	11.402	1551	1558	1562	rBV2	12632	26042	0.63%	0.129%
44	11.512	1570	1576	1586	rBV	23984	42336	1.03%	0.210%
45	11.628	1588	1595	1605	rVV2	230714	539713	13.10%	2.682%
46	11.731	1605	1612	1620	rVV	441777	736942	17.89%	3.662%
47	11.835	1621	1629	1632	rVV5	18366	52867	1.28%	0.263%
48	11.872	1632	1635	1639	rVV	27013	45087	1.09%	0.224%
49	11.914	1639	1642	1647	rVB2	16254	25844	0.63%	0.128%
50	11.969	1647	1651	1655	rBV5	3037	5993	0.15%	0.030%
51	12.061	1661	1666	1671	rVB4	8891	15743	0.38%	0.078%
52	12.134	1671	1678	1681	rBV4	36338	77286	1.88%	0.384%
53	12.250	1693	1697	1701	rVB	32395	49072	1.19%	0.244%
54	12.335	1701	1711	1712	rBV6	26178	61322	1.49%	0.305%
55	12.463	1725	1732	1741	rBV	790319	1266416	30.74%	6.292%
56	12.689	1764	1769	1775	rBV	84615	138942	3.37%	0.690%
57	12.786	1780	1785	1791	rVB3	39161	102750	2.49%	0.511%
58	12.859	1792	1797	1800	rBV6	19400	39741	0.96%	0.197%
59	12.939	1805	1810	1815	rVV3	69954	145655	3.54%	0.724%
60	12.987	1815	1818	1824	rVB3	25092	38888	0.94%	0.193%
61	13.103	1829	1837	1844	rBV2	134772	283991	6.89%	1.411%
62	13.164	1844	1847	1850	rVV4	15613	18741	0.45%	0.093%
63	13.249	1856	1861	1866	rBV	60166	96553	2.34%	0.480%
64	13.378	1879	1882	1885	rBV3	12362	16465	0.40%	0.082%
65	13.445	1890	1893	1897	rVB2	37100	53936	1.31%	0.268%
66	13.554	1905	1911	1920	rVB3	219655	432346	10.49%	2.148%
67	13.755	1938	1944	1953	rBV	466193	758754	18.42%	3.770%
68	13.859	1954	1961	1968	rVB2	269788	636213	15.44%	3.161%
69	13.932	1968	1973	1979	rBV	113066	178405	4.33%	0.886%
70	14.005	1982	1985	1987	rBV2	15884	20546	0.50%	0.102%
71	14.036	1987	1990	1995	rVB	32435	44918	1.09%	0.223%
72	14.152	2006	2009	2012	rBV	9169	13670	0.33%	0.068%
73	14.201	2012	2017	2022	rVV	130206	212033	5.15%	1.054%
74	14.243	2022	2024	2028	rVV	12540	17651	0.43%	0.088%
75	14.335	2035	2039	2042	rVB2	16318	24285	0.59%	0.121%
76	14.414	2042	2052	2056	rBV2	498464	990900	24.05%	4.923%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022058.D
 Acq On : 03 Feb 2022 03:25
 Operator : SY/VA
 Sample : N1363-06
 Misc : 6.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLZ2

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\SFAMWLM020122SMA.M
 Title : SFAM01.0

77	14.450	2056	2058	2061	rVV	159063	228698	5.55%	1.136%
78	14.487	2061	2064	2070	rVV3	152668	264070	6.41%	1.312%
79	14.542	2070	2073	2080	rVB2	50961	80210	1.95%	0.399%
80	14.633	2083	2088	2092	rVB2	71331	114366	2.78%	0.568%
81	14.688	2092	2097	2100	rBV4	43866	83207	2.02%	0.413%
82	14.725	2100	2103	2108	rVB	68740	98608	2.39%	0.490%
83	14.804	2108	2116	2122	rBV3	322728	587071	14.25%	2.917%
84	14.865	2122	2126	2135	rBV4	61214	120675	2.93%	0.600%
85	14.950	2135	2140	2143	rBV	122024	187336	4.55%	0.931%
86	15.060	2153	2158	2170	rBV2	231789	516341	12.53%	2.565%
87	15.176	2171	2177	2183	rVB3	104037	231164	5.61%	1.149%
88	15.267	2188	2192	2196	rBV3	15839	29522	0.72%	0.147%
89	15.359	2201	2207	2214	rVV	685748	1199029	29.10%	5.958%
90	15.456	2217	2223	2229	rVV	192162	378328	9.18%	1.880%
91	15.517	2230	2233	2247	rVB3	58263	155265	3.77%	0.771%
92	15.651	2247	2255	2262	rBV	192830	368486	8.94%	1.831%
93	15.816	2273	2282	2292	rVB	129679	291296	7.07%	1.447%
94	15.944	2297	2303	2309	rBV	136012	263622	6.40%	1.310%
95	16.023	2310	2316	2321	rVB3	61735	129736	3.15%	0.645%
96	16.164	2333	2339	2350	rBV4	31081	79538	1.93%	0.395%
97	16.371	2363	2373	2377	rBV2	75283	184799	4.49%	0.918%
98	16.432	2377	2383	2397	rVB	235030	543235	13.19%	2.699%
99	16.566	2400	2405	2407	rBV5	5974	9762	0.24%	0.049%
100	16.639	2407	2417	2430	rVB	1862499	4119743	100.00%	20.469%

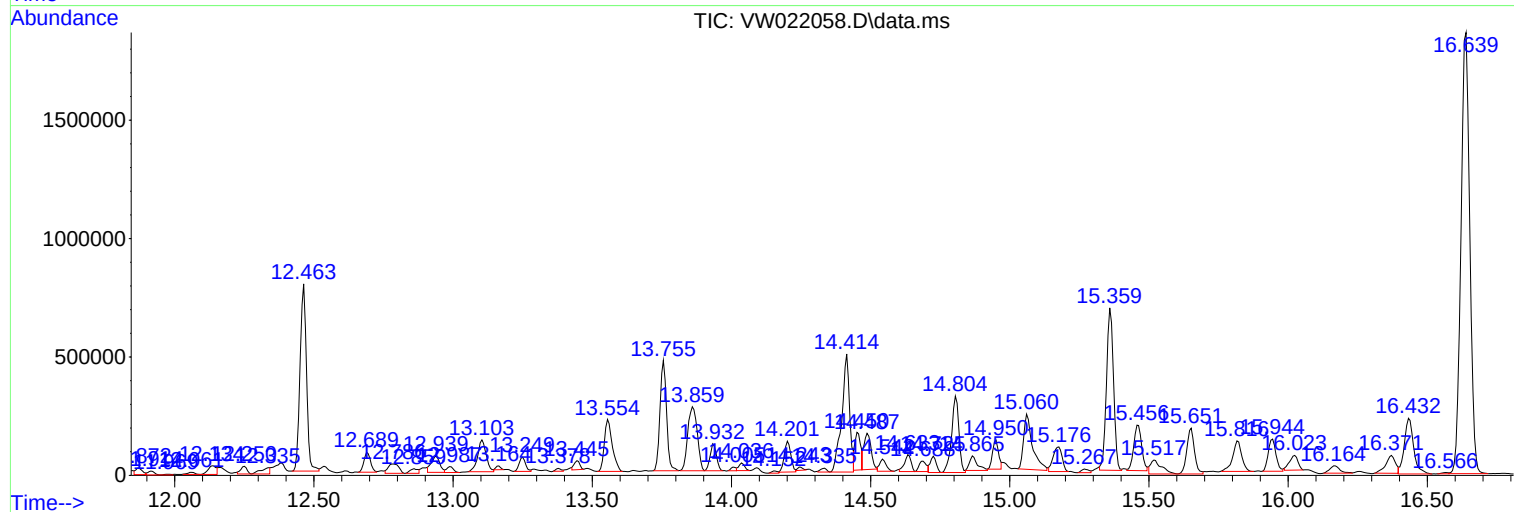
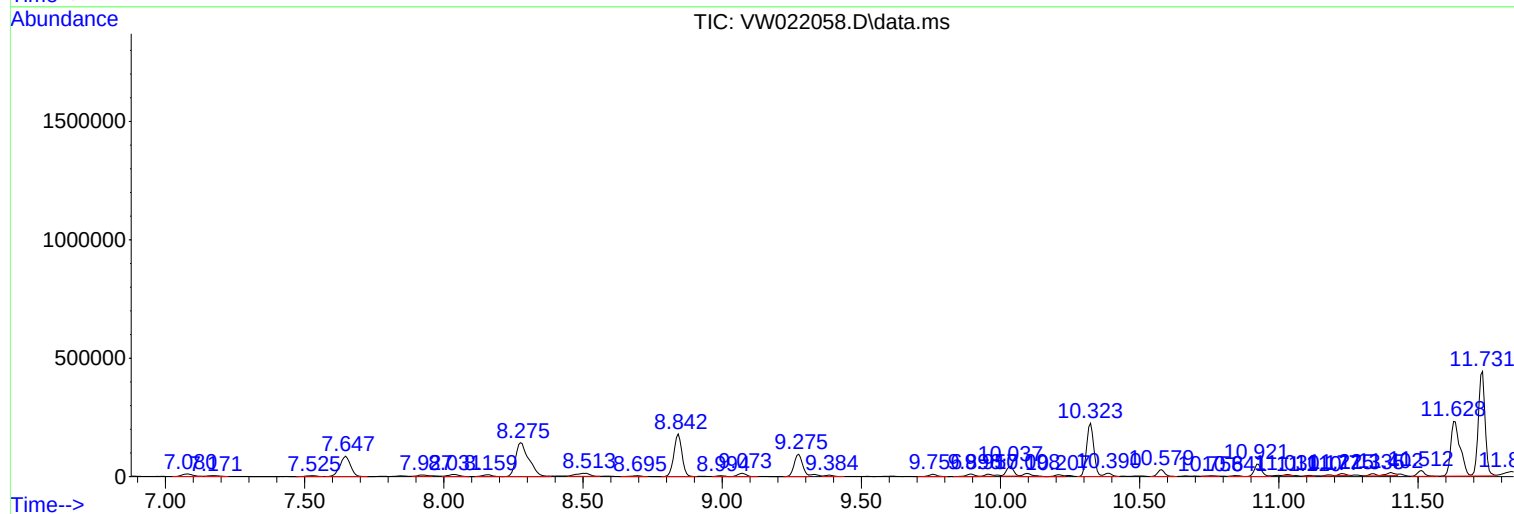
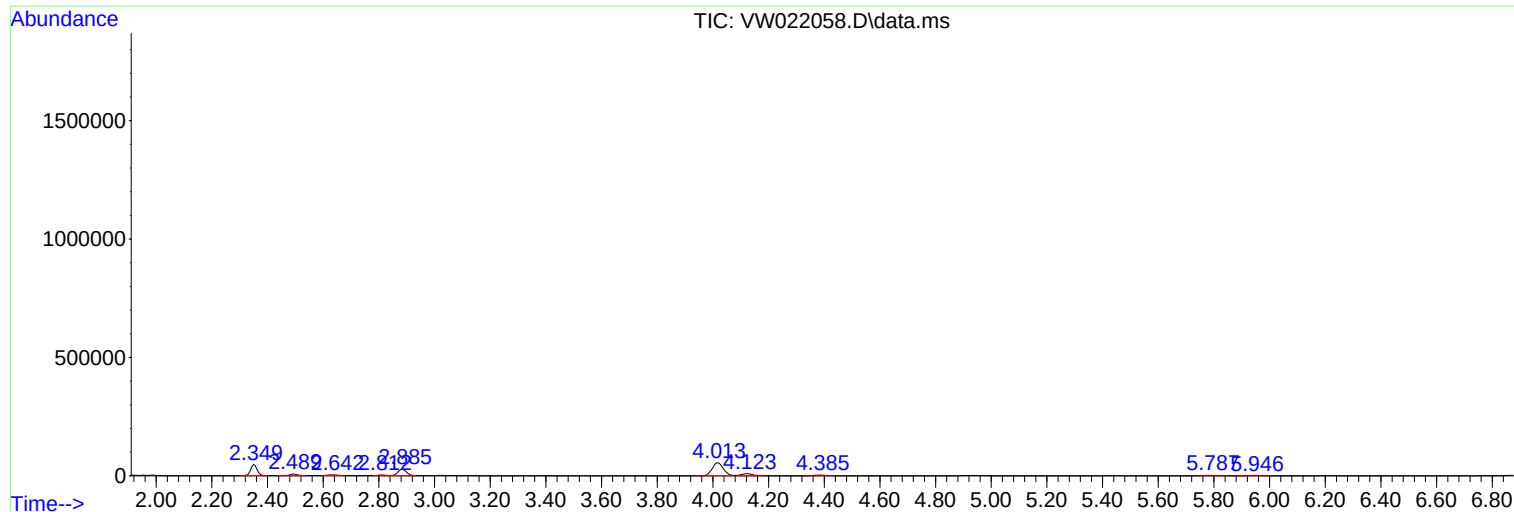
Sum of corrected areas: 20126350

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

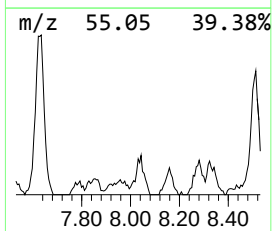
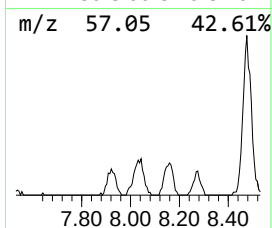
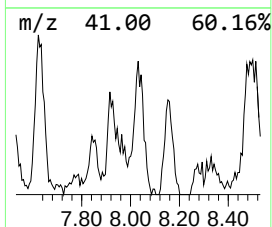
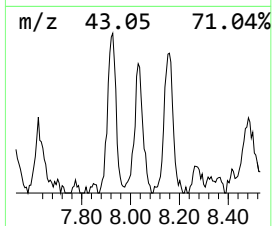
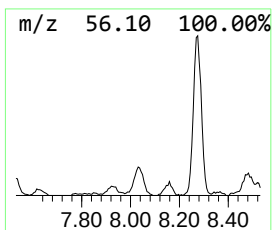
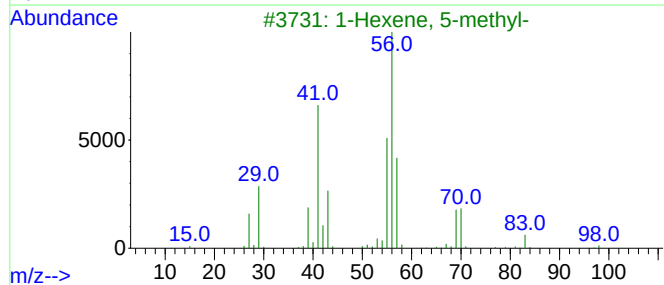
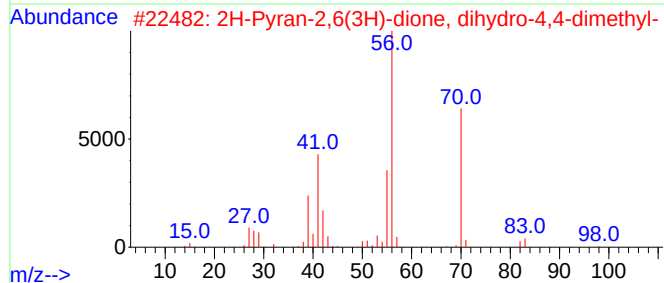
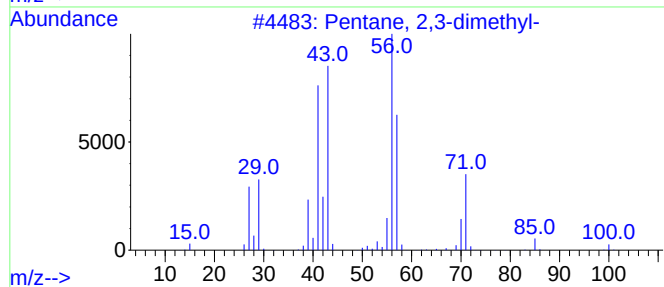
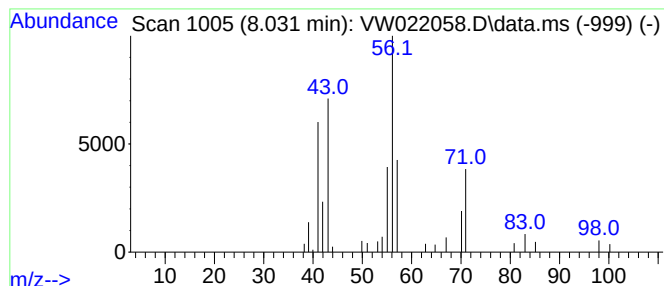
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	1.69 ug/L	24551	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2		2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50
3		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50
4		Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
5		Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

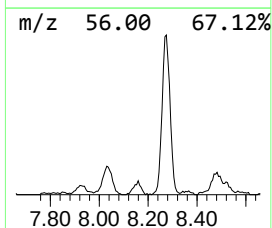
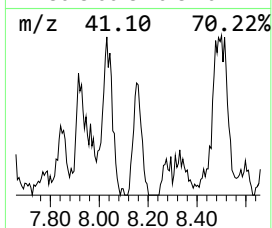
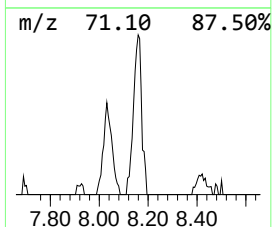
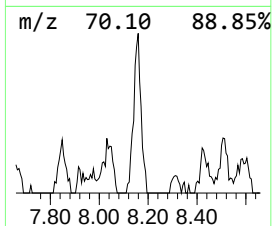
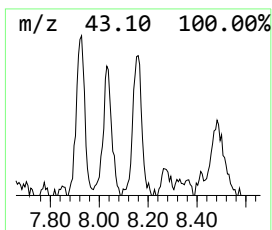
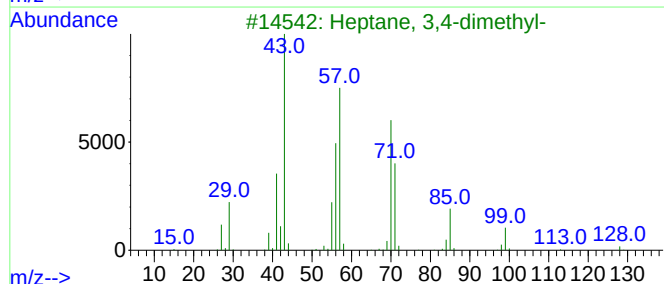
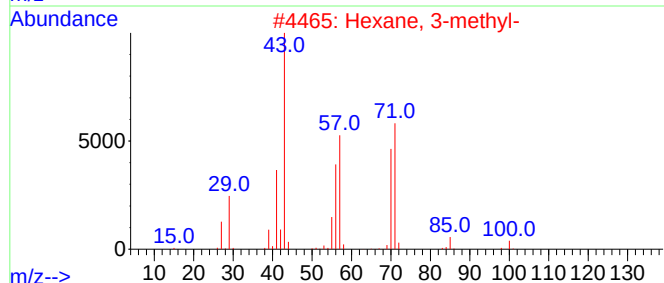
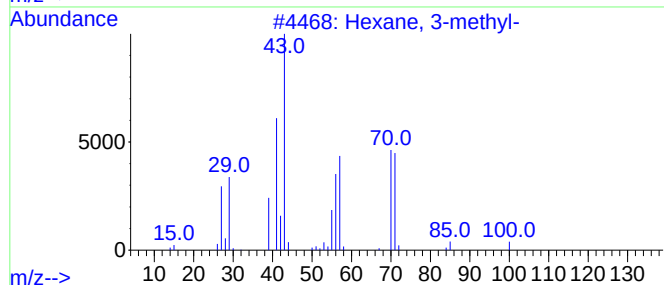
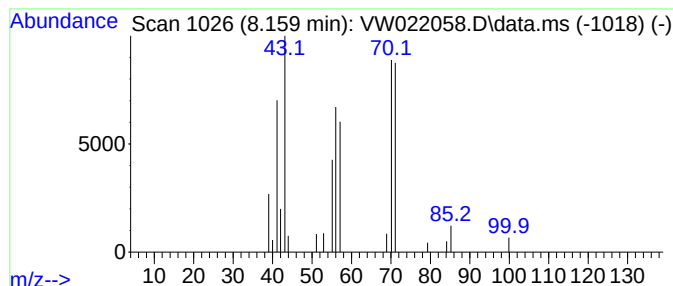
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	1.25 ug/L	18217	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-			100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-			100	C7H16	000589-34-4	78
3	Heptane, 3,4-dimethyl-			128	C9H20	000922-28-1	72
4	Octane, 4,5-dimethyl-			142	C10H22	015869-96-2	64
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

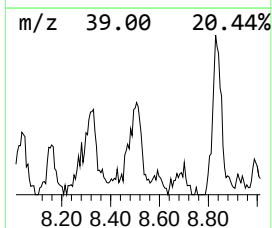
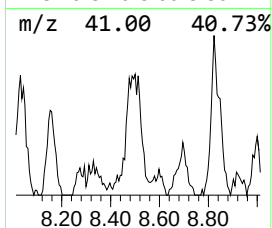
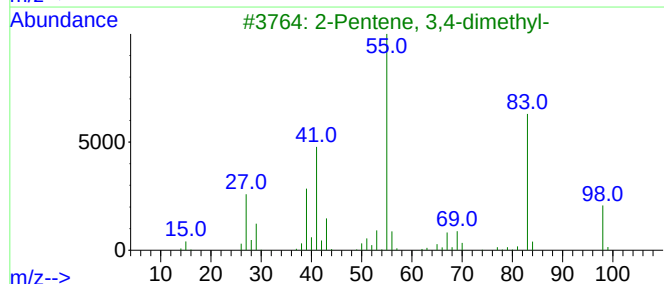
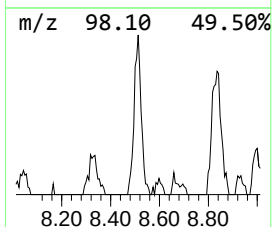
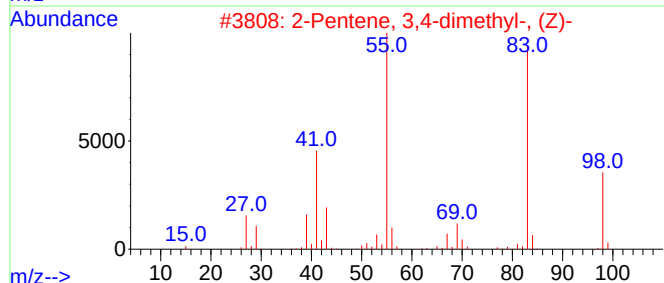
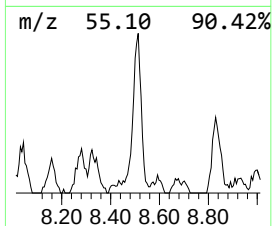
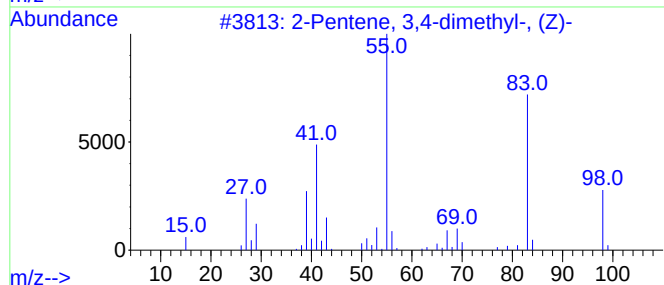
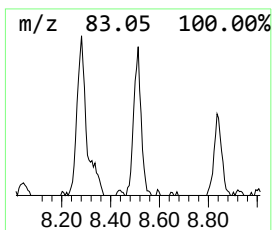
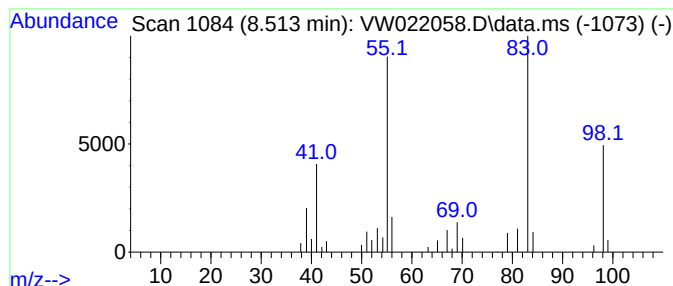
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.513	3.15 ug/L	45818	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	91	
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	91	
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	91	
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	91	
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

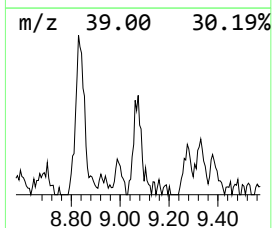
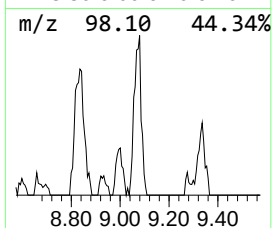
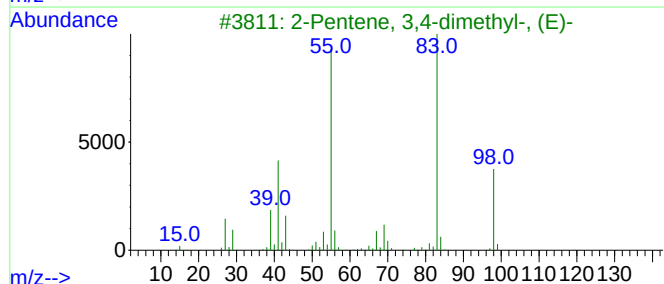
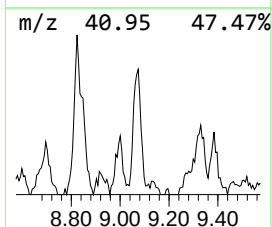
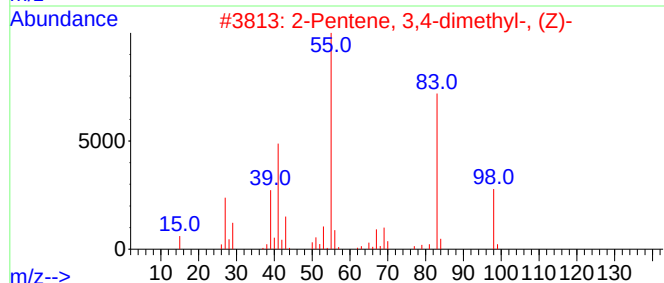
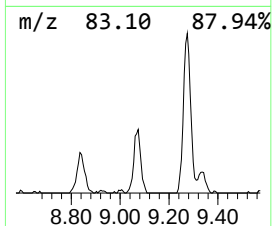
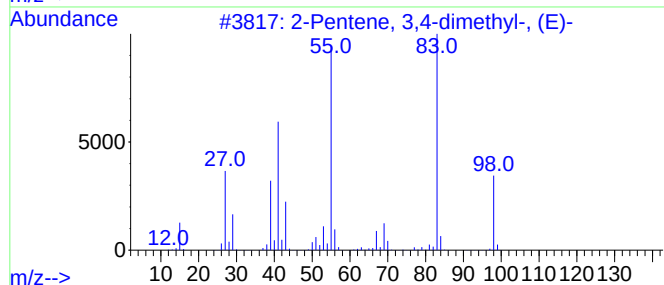
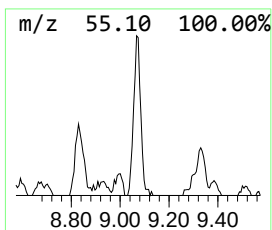
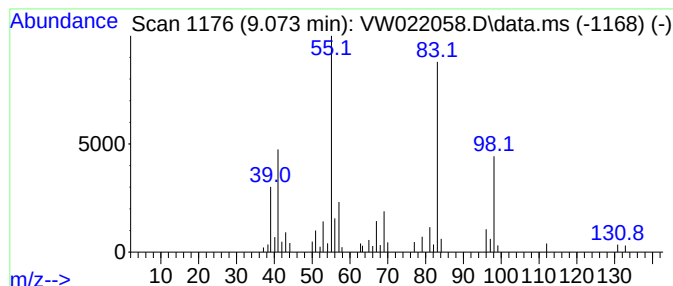
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	2.08 ug/L	30285	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	81
2			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	81
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	81
4			2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	74
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

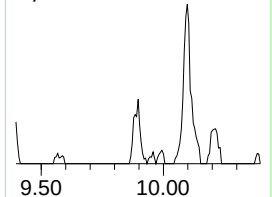
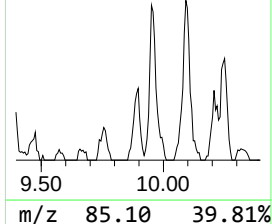
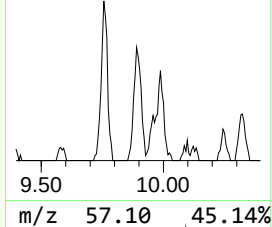
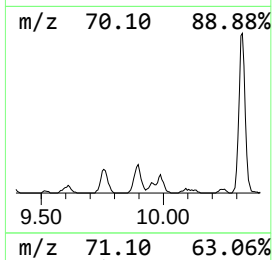
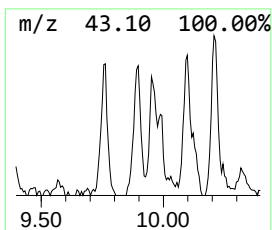
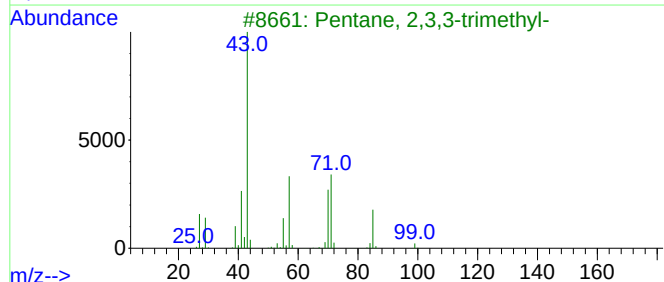
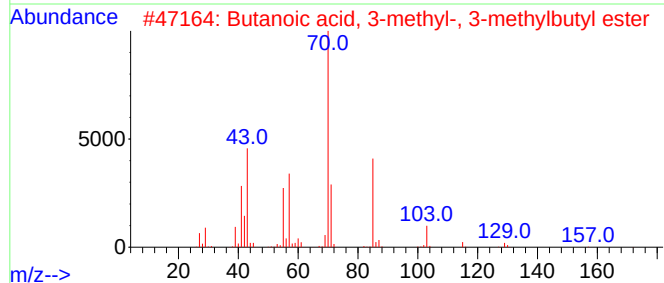
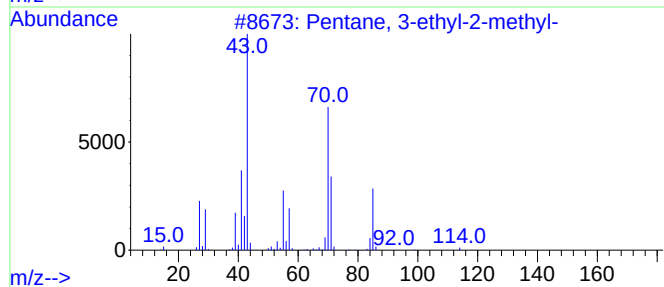
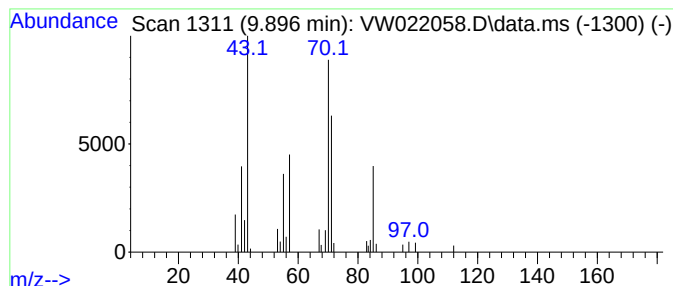
Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.896	1.58 ug/L	22953	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	78
2	Butanoic acid, 3-methyl-, 3-meth...	172	C10H20O2	000659-70-1	59
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
4	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	52
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

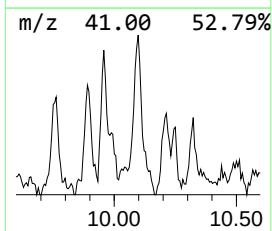
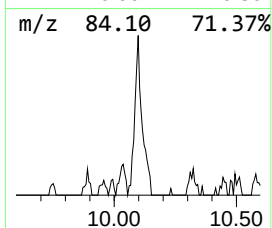
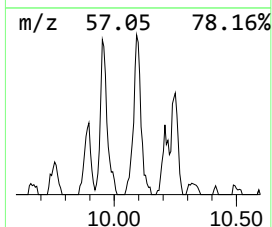
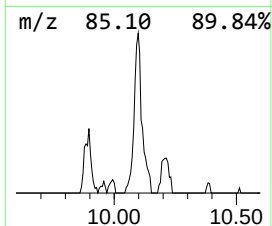
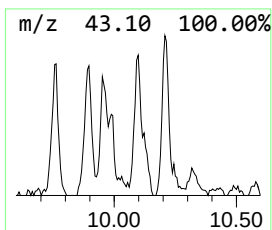
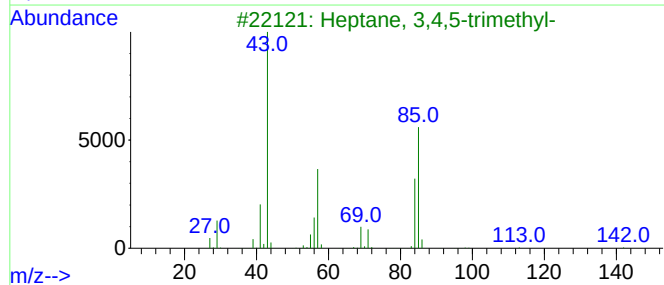
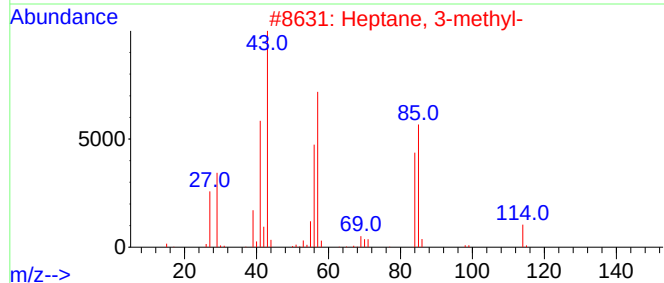
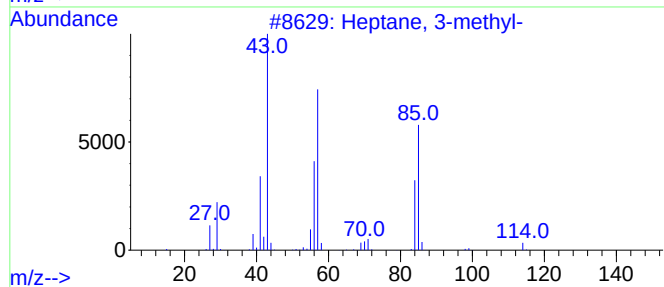
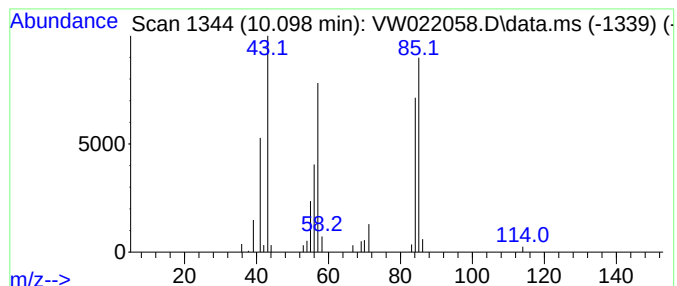
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	2.19 ug/L	31937	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

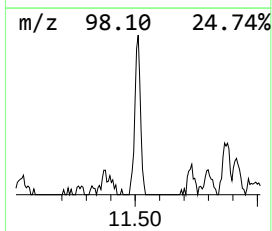
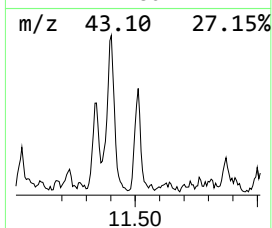
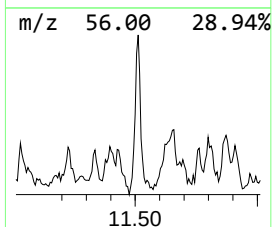
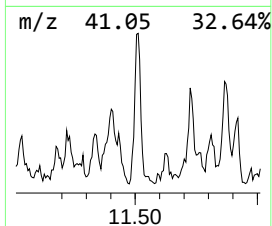
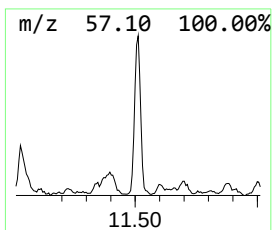
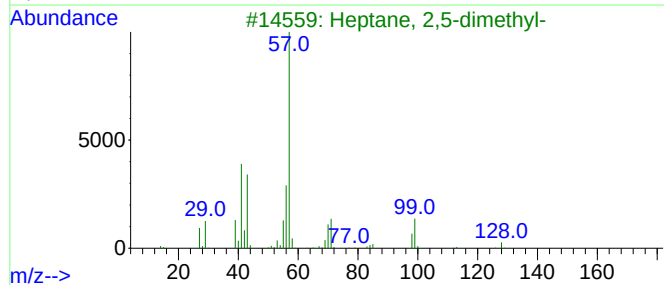
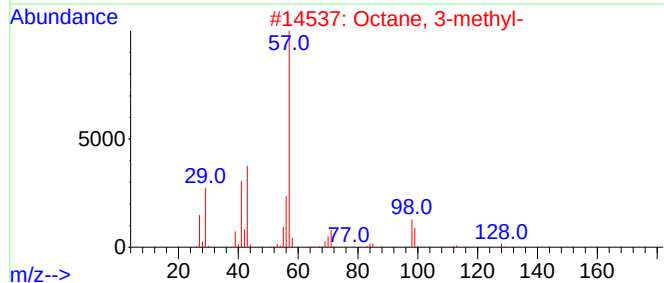
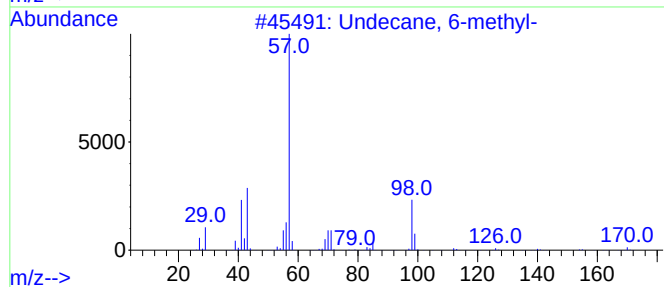
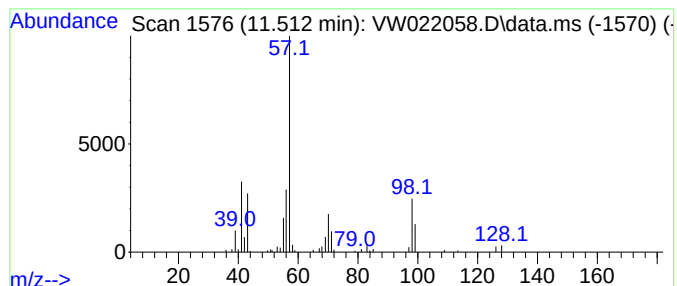
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	1.96 ug/L	42336	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2		Octane, 3-methyl-	128	C9H20	002216-33-3	59
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
4		Octane, 3-methyl-	128	C9H20	002216-33-3	53
5		Octane, 3-methyl-	128	C9H20	002216-33-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

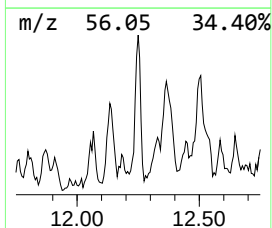
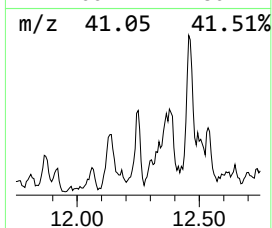
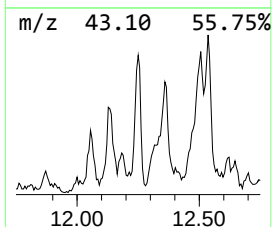
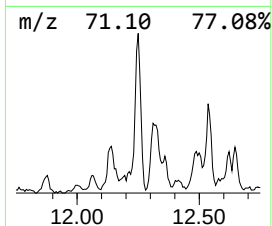
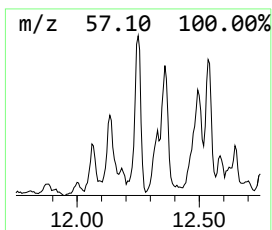
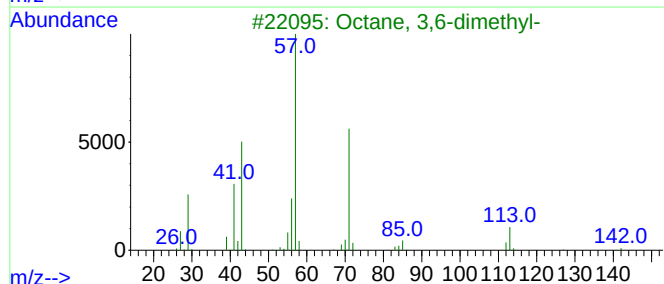
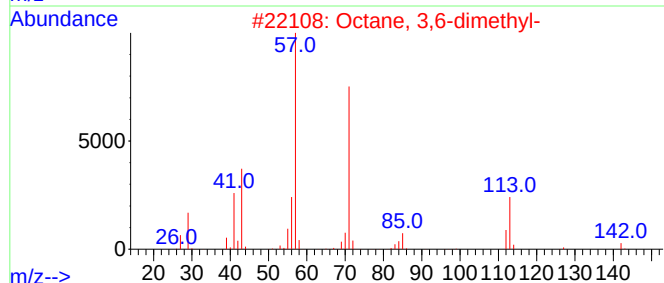
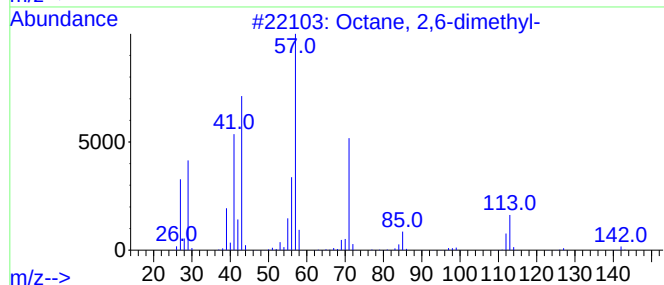
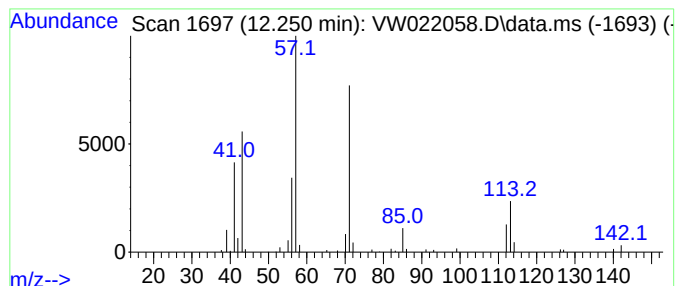
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	2.27 ug/L	49072	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	91
3	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	90
4	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
5	Nonane, 3-methyl-			142	C10H22	005911-04-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

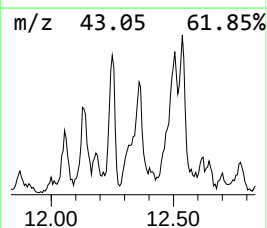
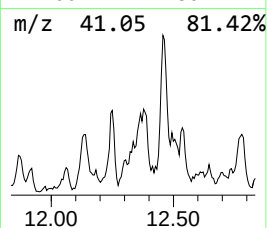
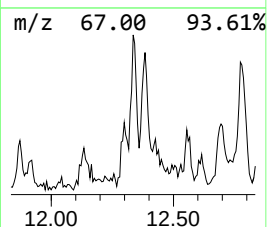
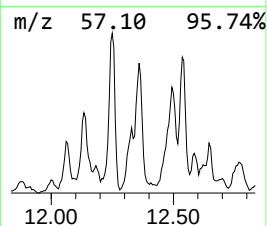
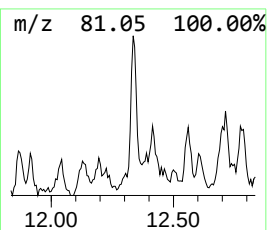
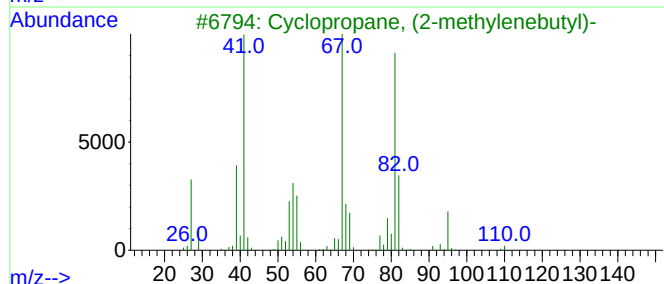
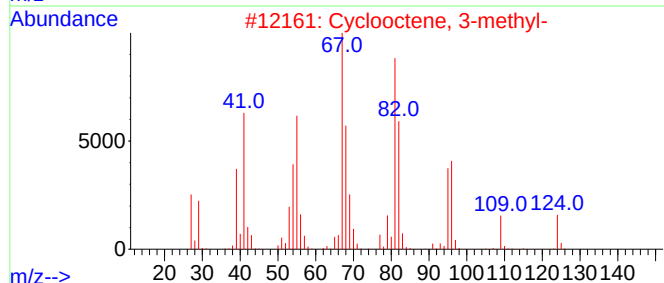
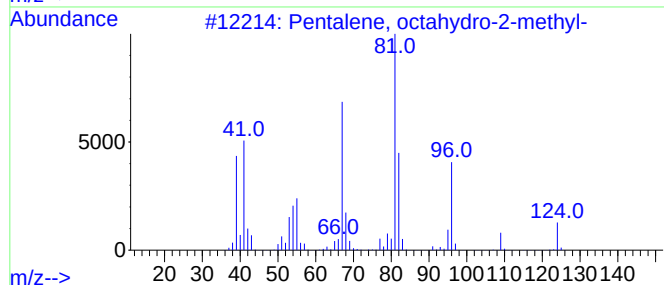
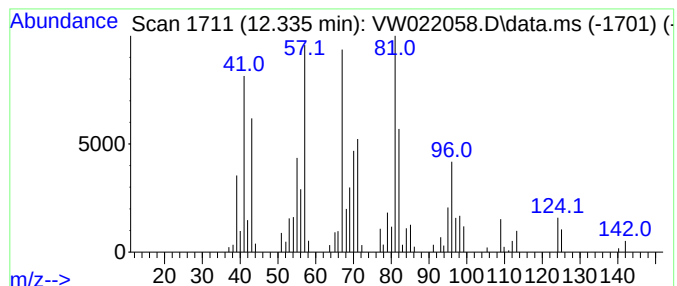
Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 Pentalene, octahydro-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.335	2.84 ug/L	61322	Chlorobenzene-d5			11.628
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-		124	C9H16	003868-64-2	70
2	Cyclooctene, 3-methyl-		124	C9H16	013152-05-1	52
3	Cyclopropane, (2-methylenebutyl)-		110	C8H14	074685-56-6	49
4	Cyclohexene, 4-propyl-		124	C9H16	013487-64-4	46
5	Cyclohexene,3-propyl-		124	C9H16	003983-06-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

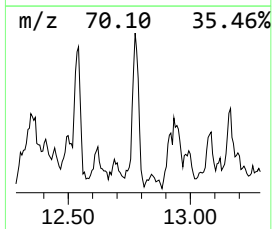
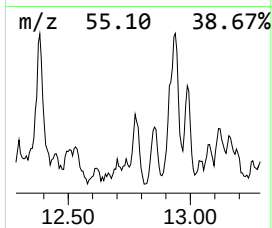
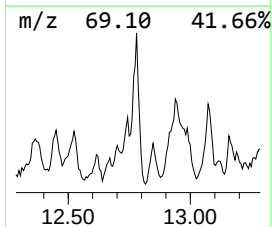
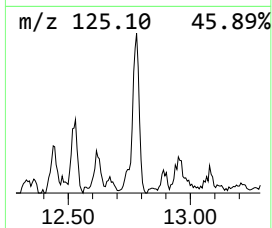
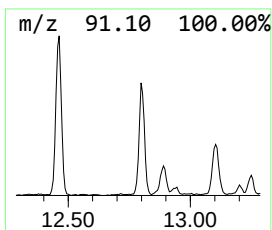
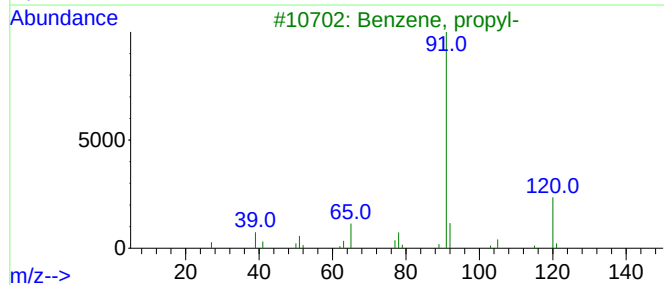
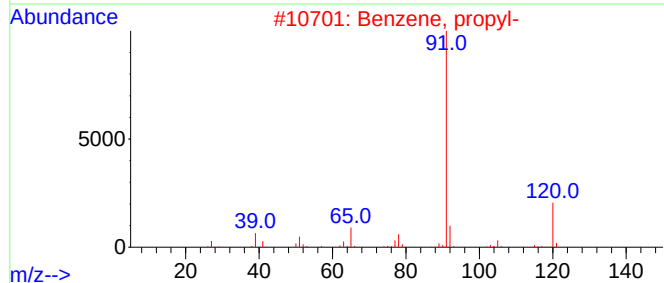
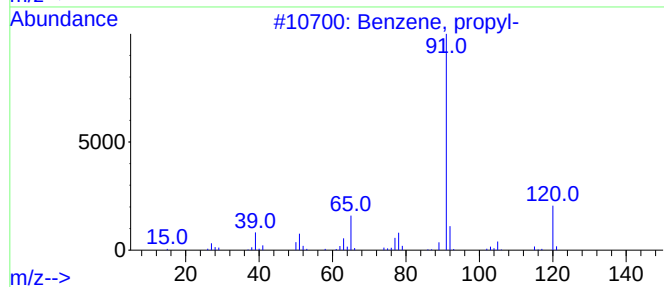
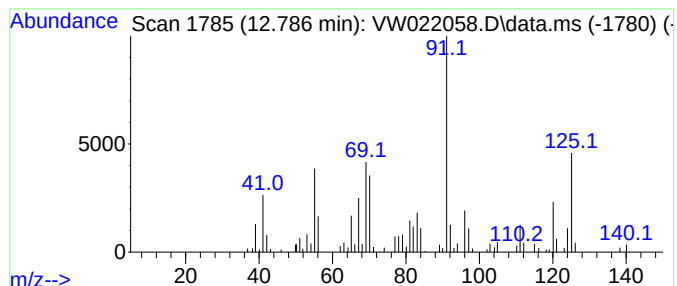
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	5.94 ug/L	102750	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	35
2			Benzene, propyl-	120	C9H12	000103-65-1	18
3			Benzene, propyl-	120	C9H12	000103-65-1	18
4			Benzene, propyl-	120	C9H12	000103-65-1	18
5			1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

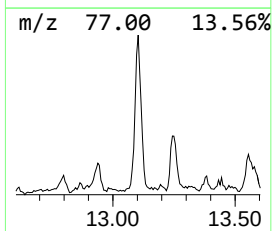
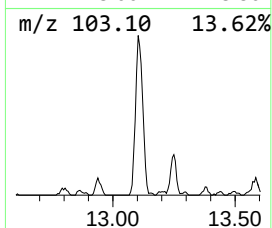
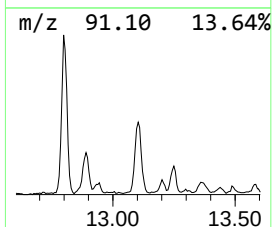
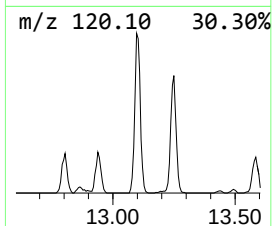
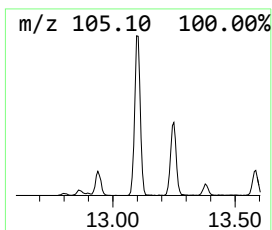
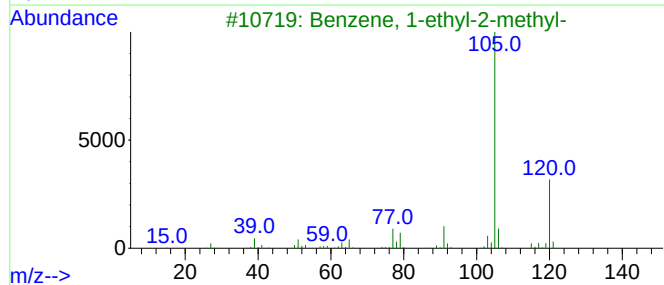
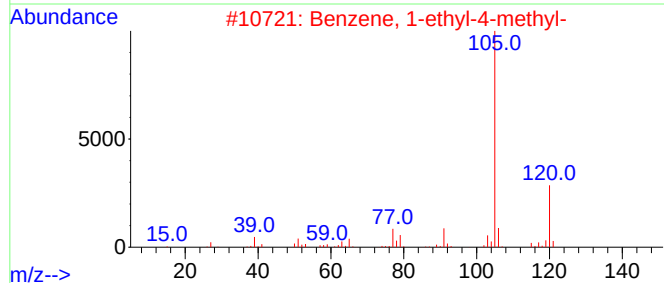
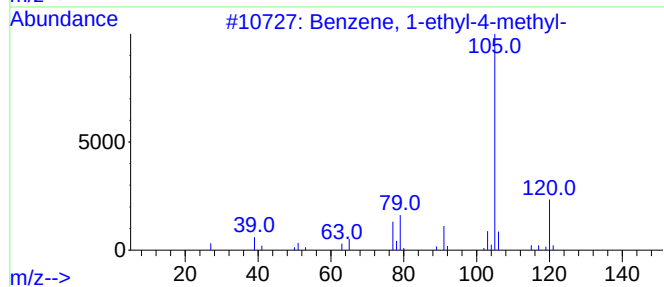
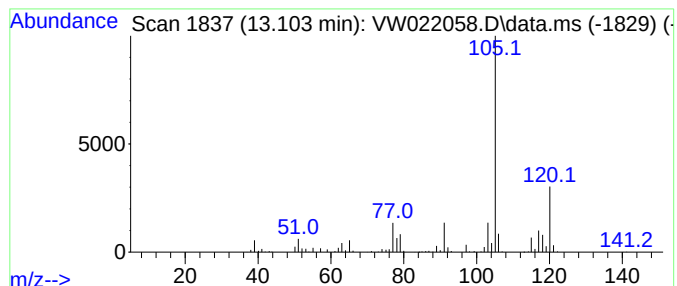
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	16.42 ug/L	283991	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

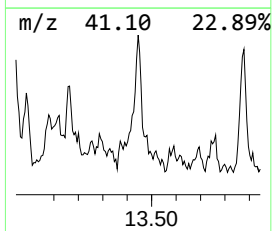
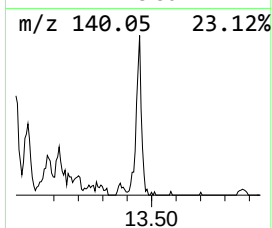
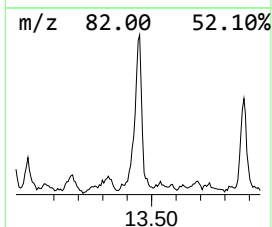
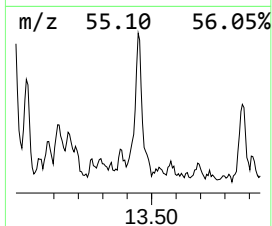
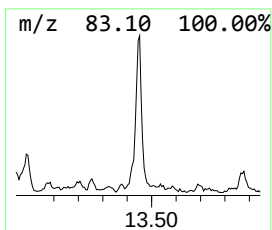
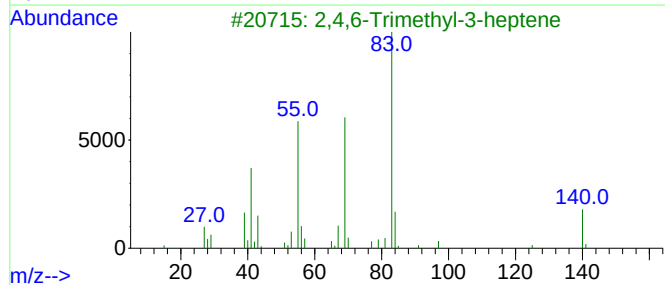
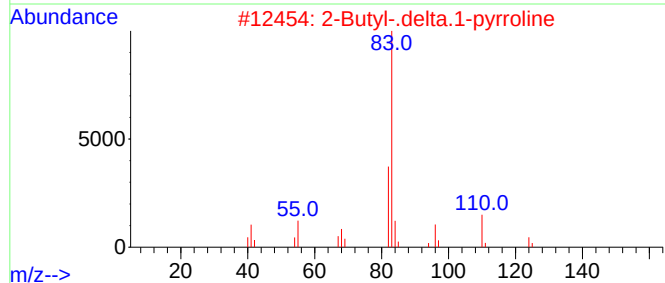
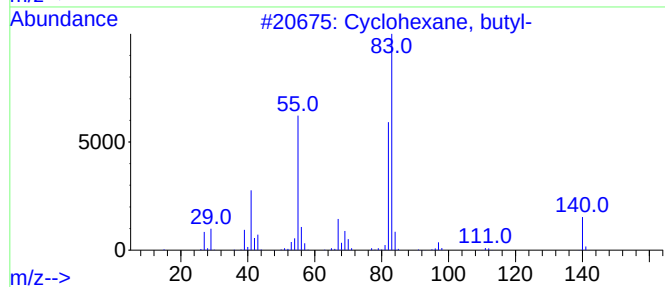
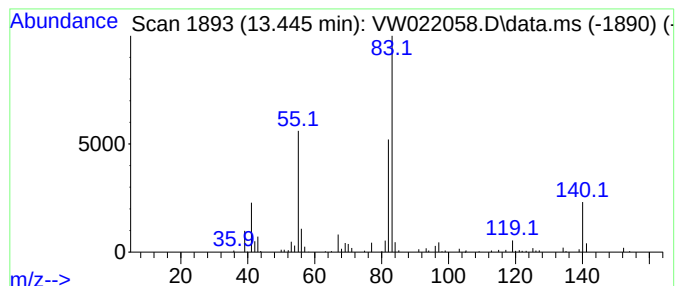
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic13.445 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	3.12 ug/L	53936	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	86
2			2-Butyl-.delta.1-pyrroline	125	C8H15N	064319-86-4	50
3			2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	50
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	45
5			1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

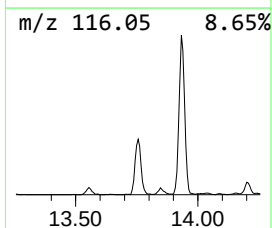
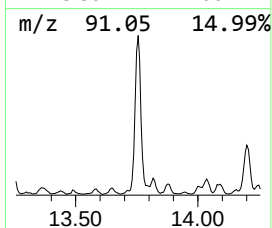
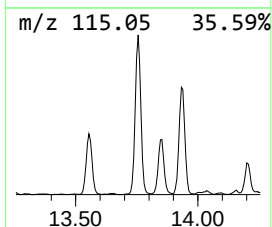
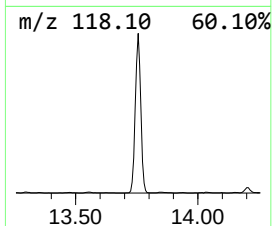
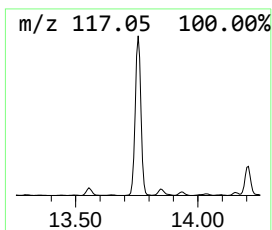
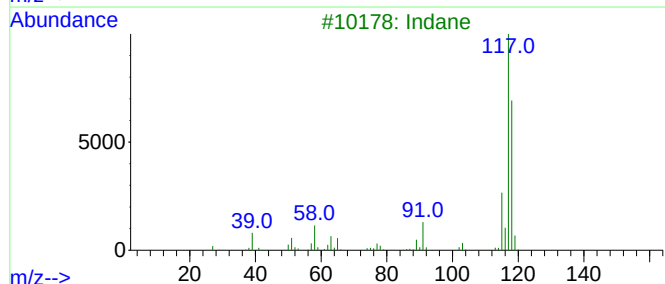
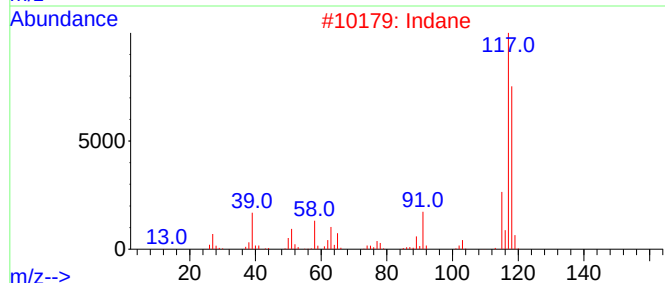
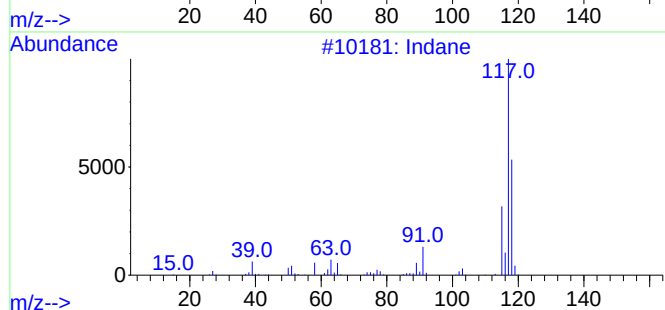
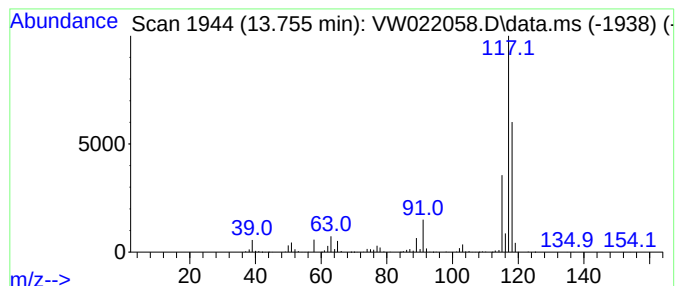
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	43.87 ug/L	758754	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Indane	118	C9H10	000496-11-7	91
3			Indane	118	C9H10	000496-11-7	87
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

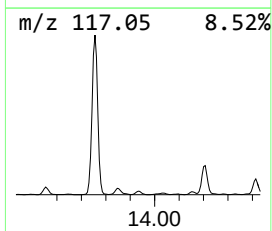
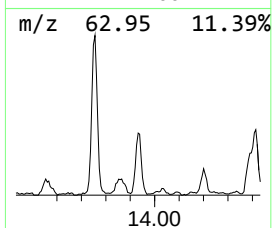
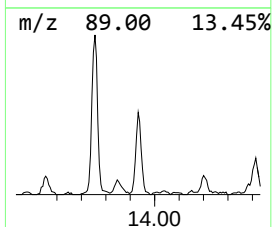
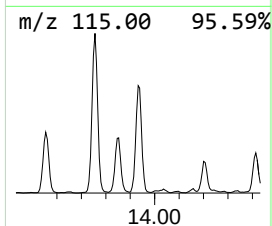
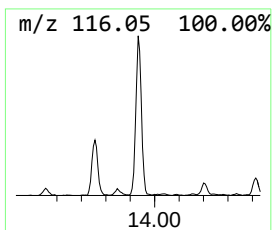
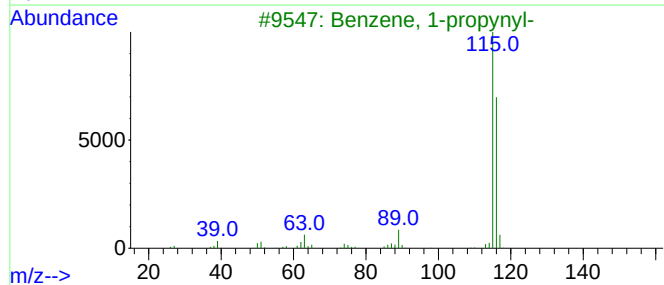
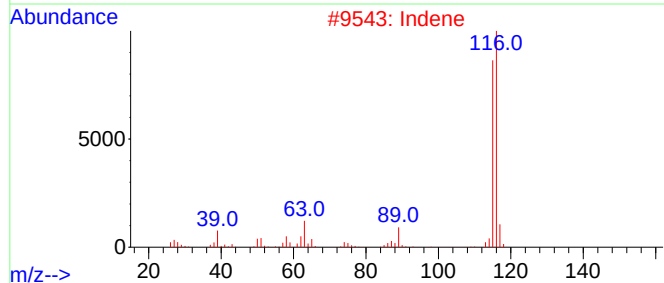
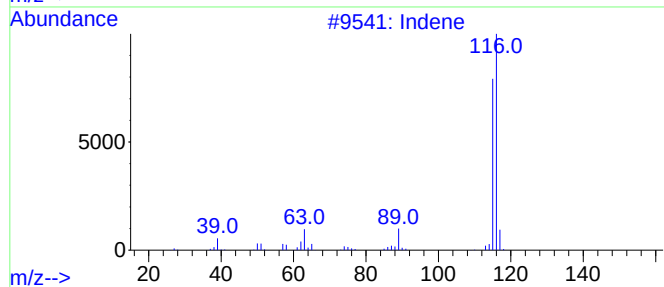
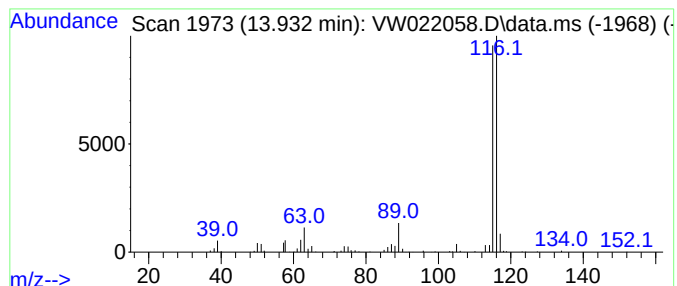
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.932	10.32 ug/L	178405	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Indene	116	C9H8	000095-13-6	96
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5			Indene	116	C9H8	000095-13-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

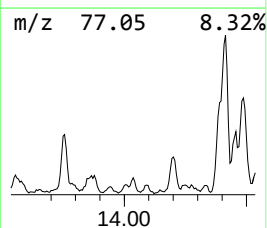
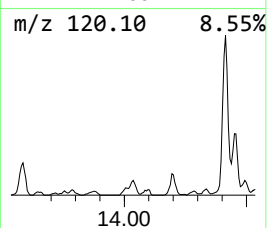
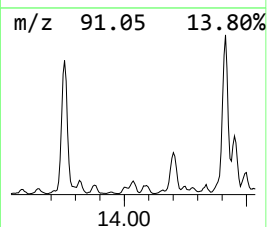
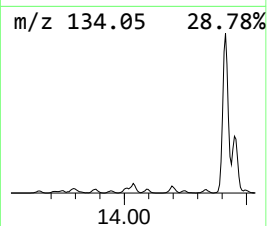
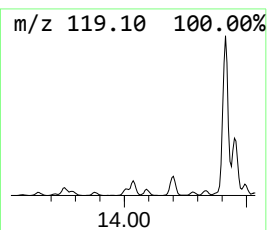
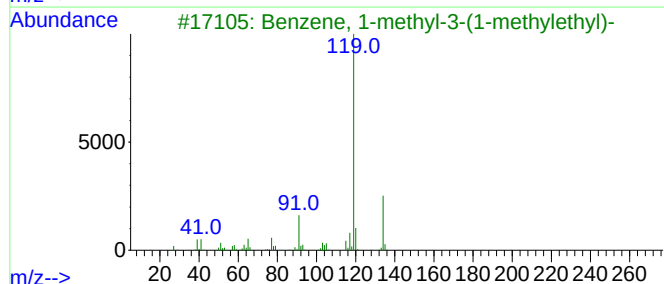
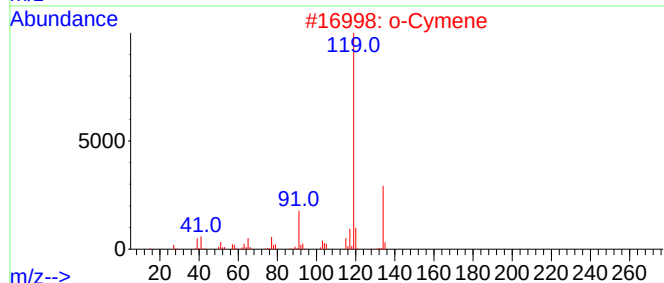
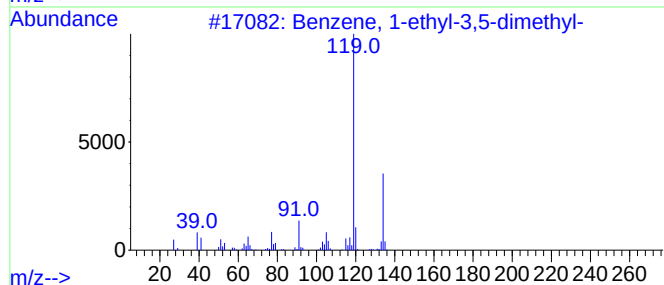
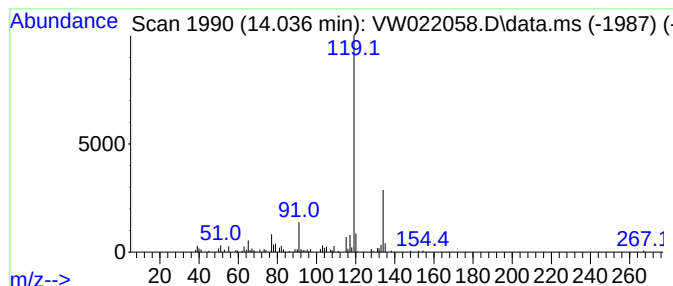
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	2.60 ug/L	44918	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

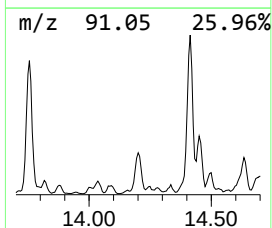
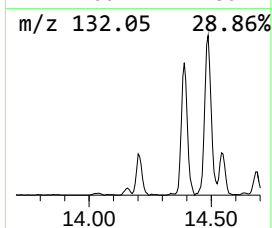
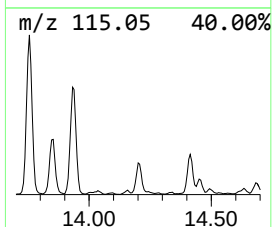
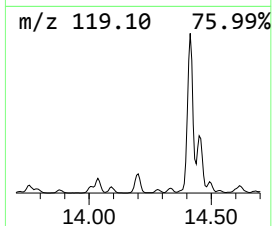
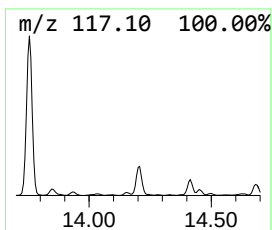
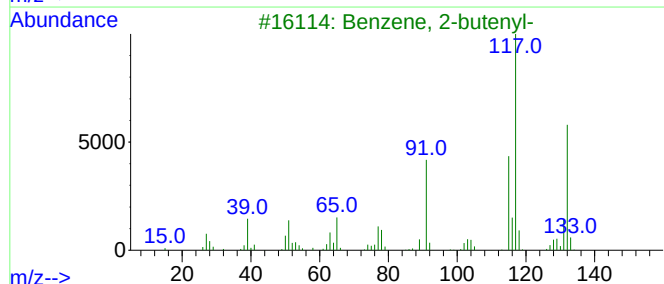
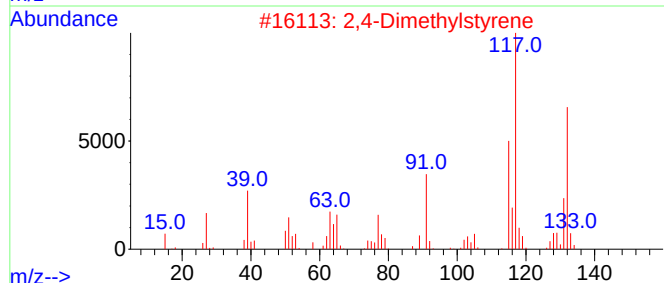
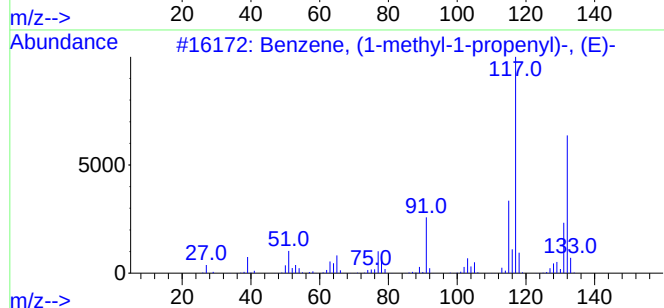
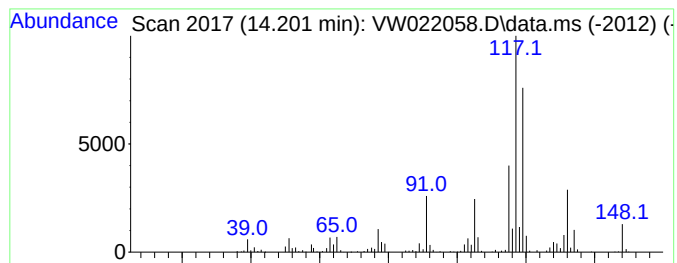
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 Benzene, (1-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	12.26 ug/L	212033	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	53
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

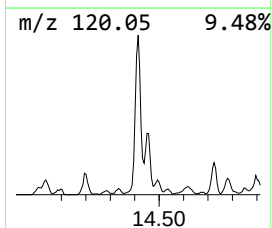
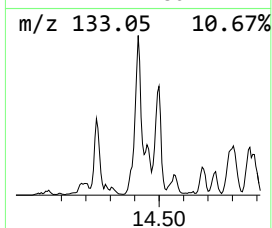
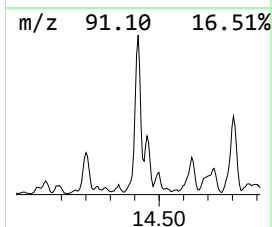
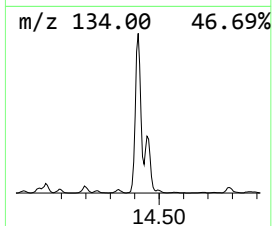
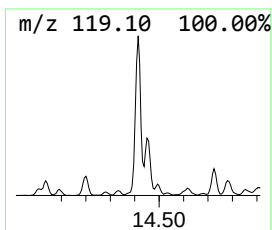
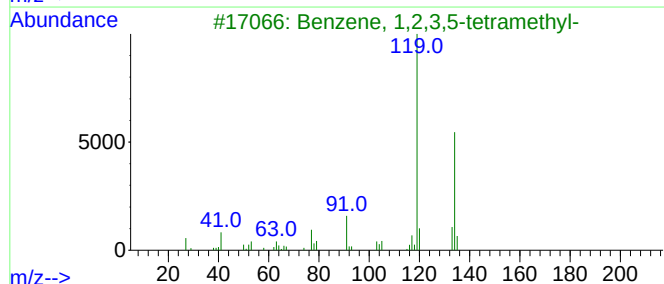
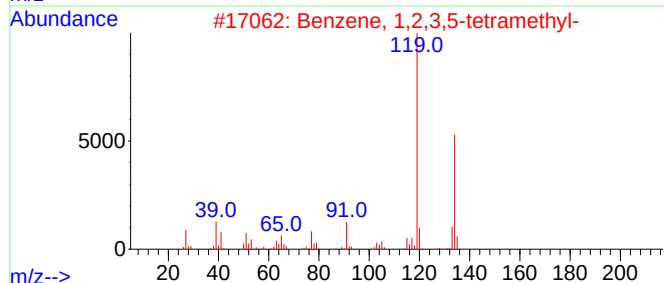
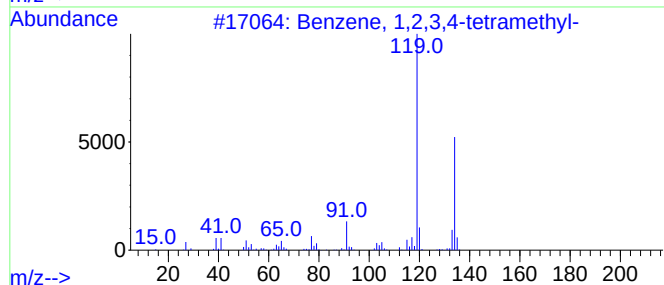
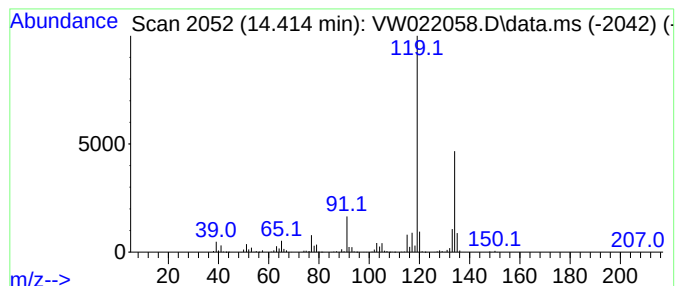
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	57.30 ug/L	990900	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

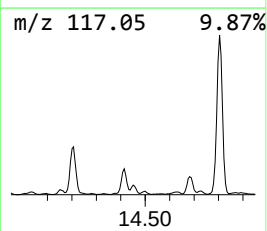
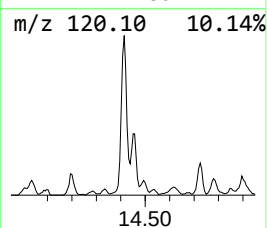
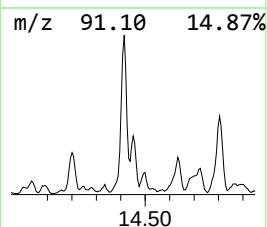
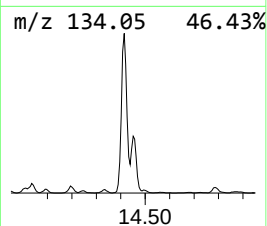
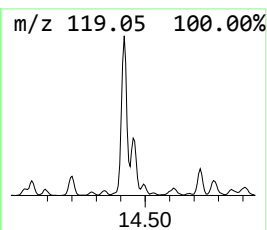
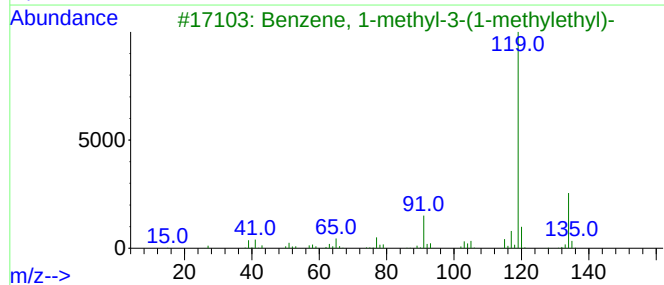
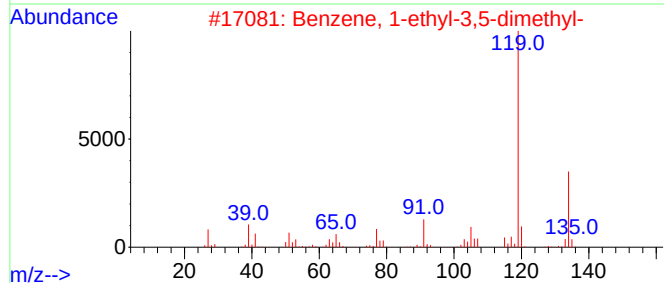
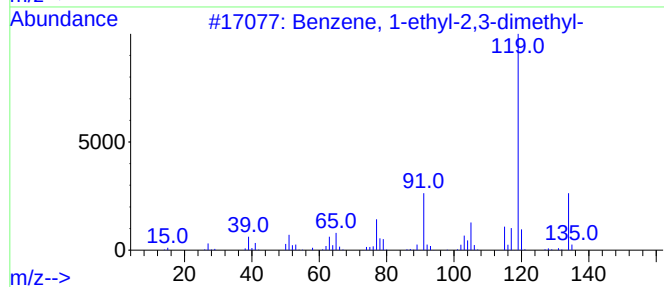
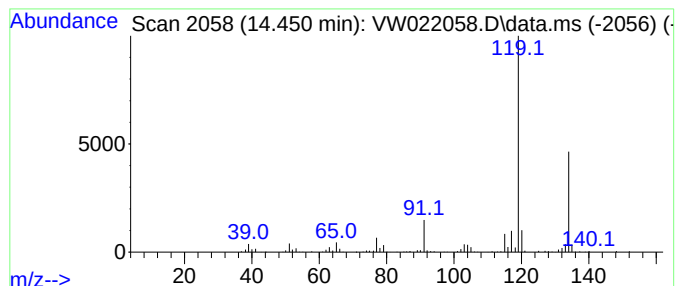
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	13.22 ug/L	228698	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

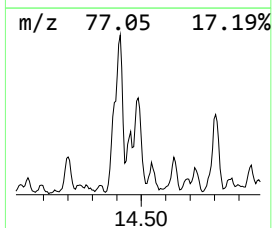
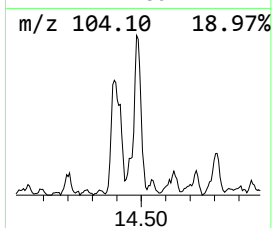
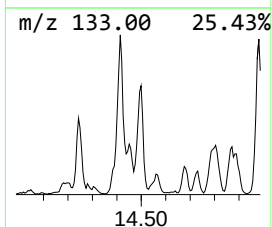
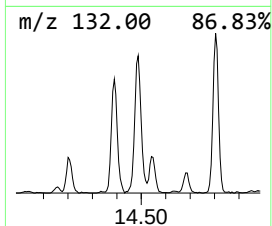
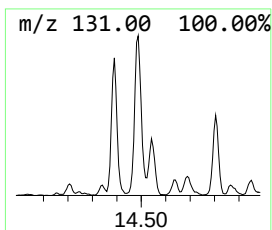
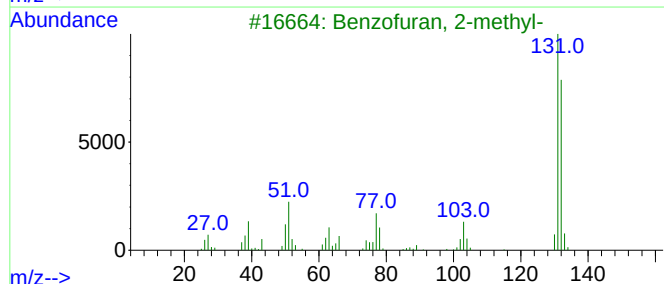
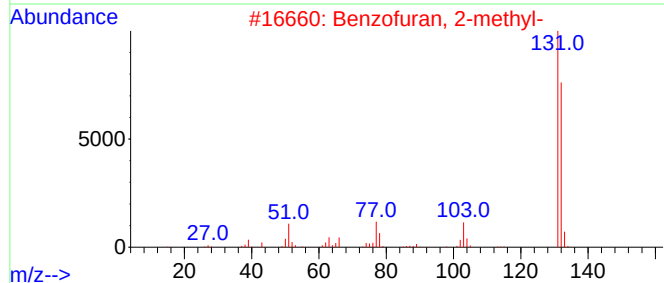
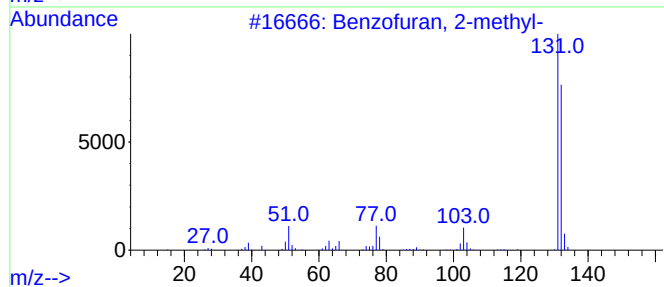
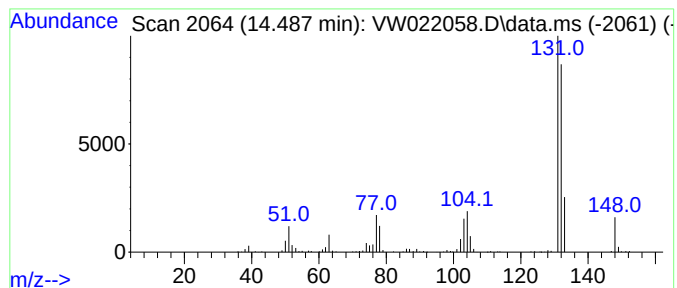
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 23 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.487	15.27 ug/L	264070	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
5			4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

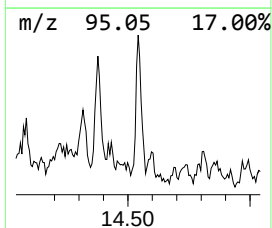
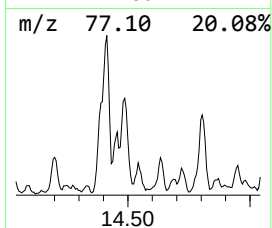
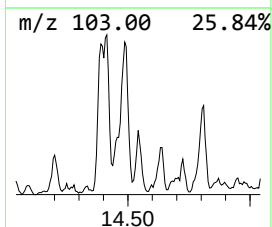
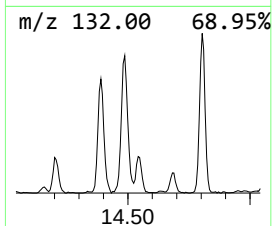
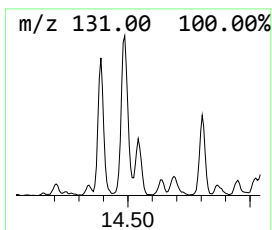
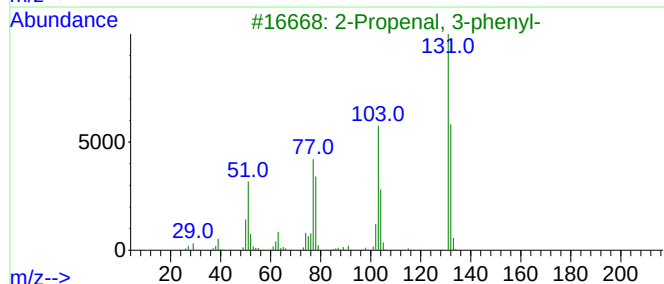
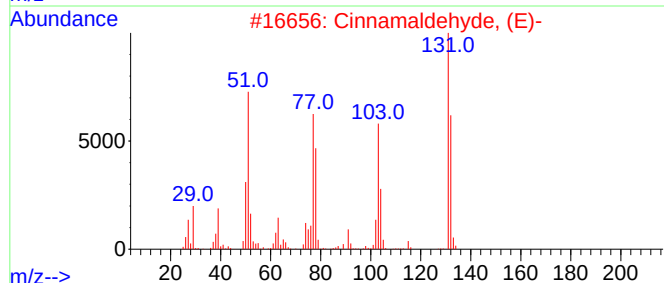
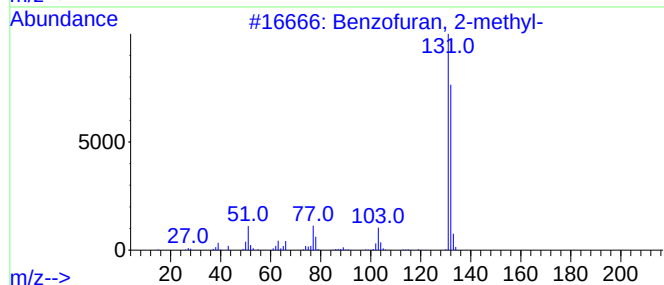
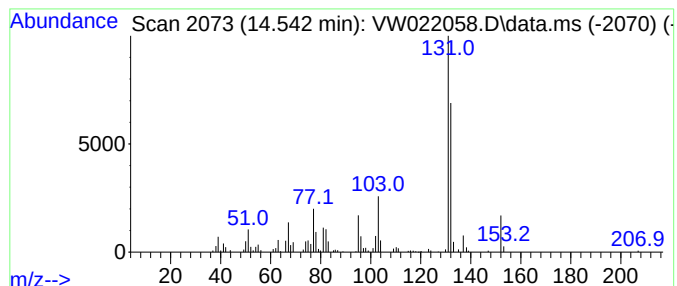
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 Cinnamaldehyde, (E)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	4.64 ug/L	80210	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
2			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	74
3			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	72
5			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

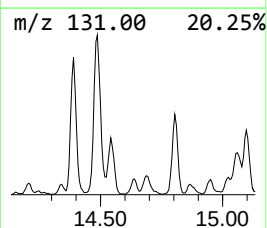
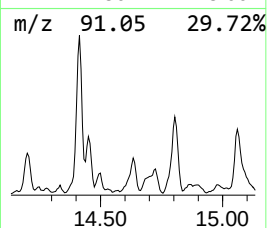
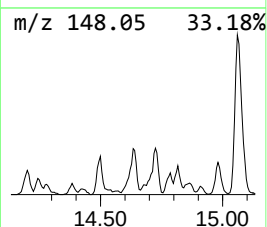
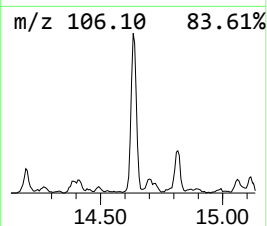
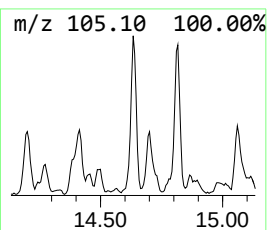
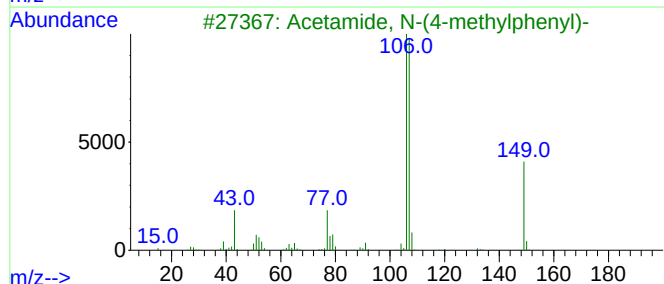
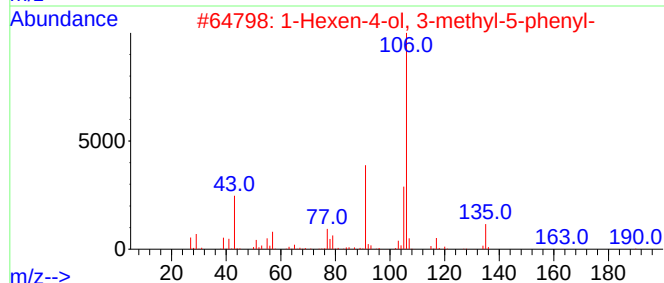
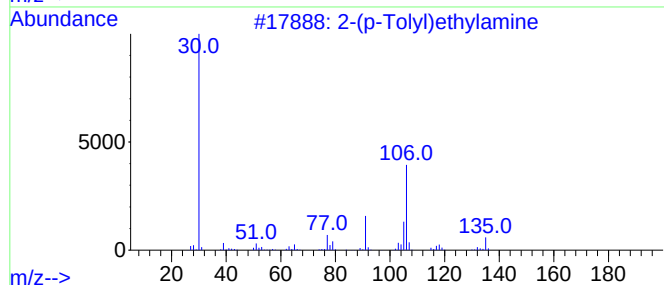
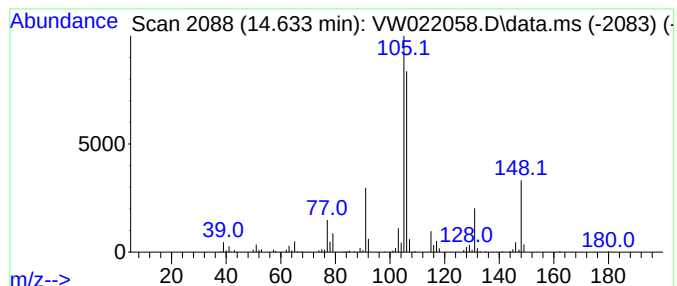
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 2-(p-Tolyl)ethylamine Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	6.61 ug/L	114366	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	50
2			1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	47
3			Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	35
4			N-Benzyl-p-toluenesulfonamide	261	C14H15NO2S	001576-37-0	35
5			Benzenamine, N-butyl-	149	C10H15N	001126-78-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

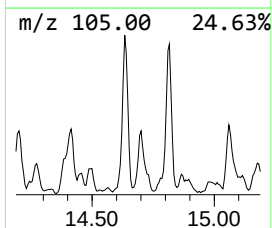
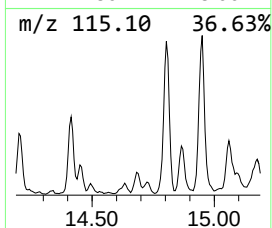
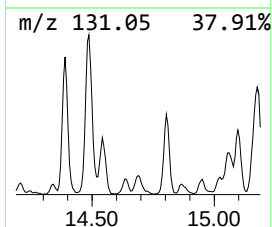
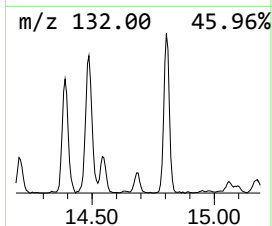
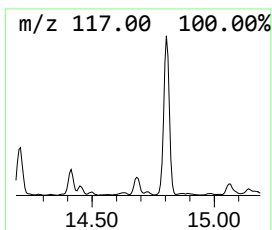
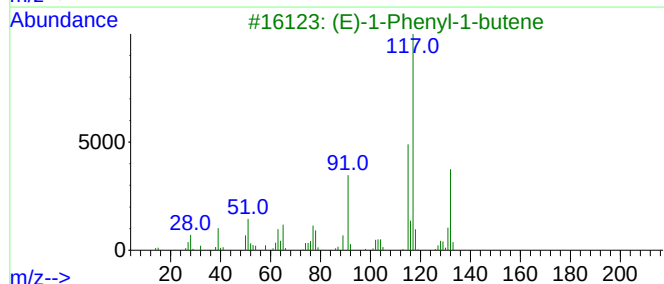
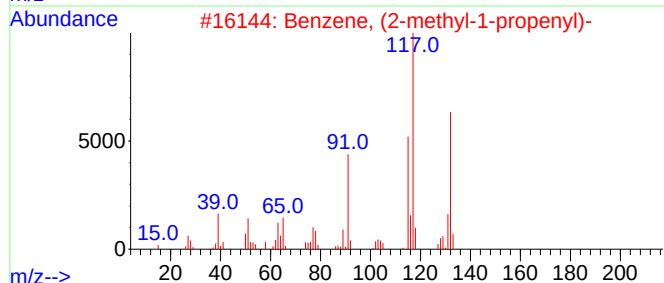
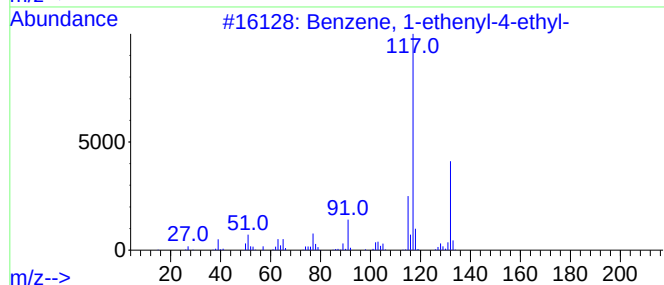
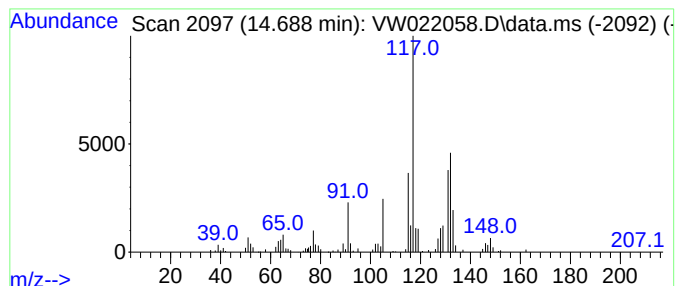
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	4.81 ug/L	83207	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
3			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	76
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	68
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

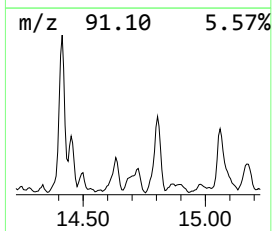
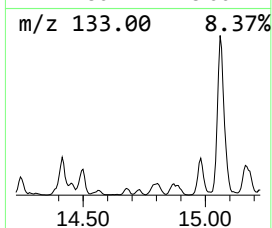
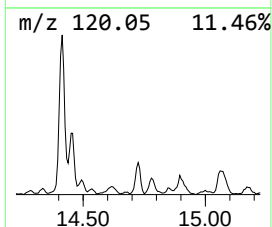
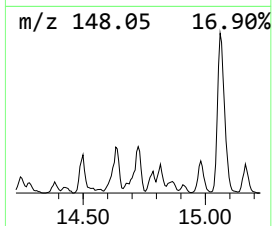
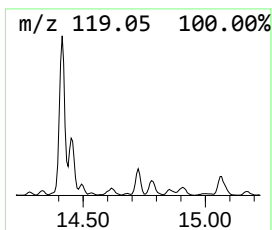
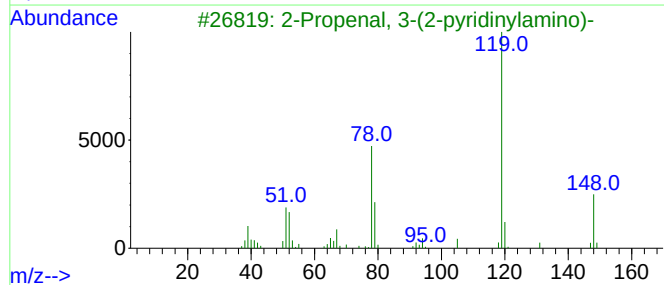
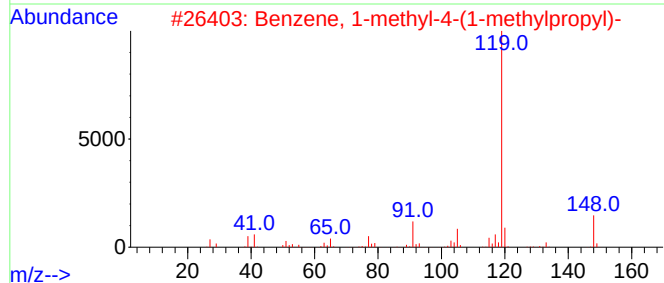
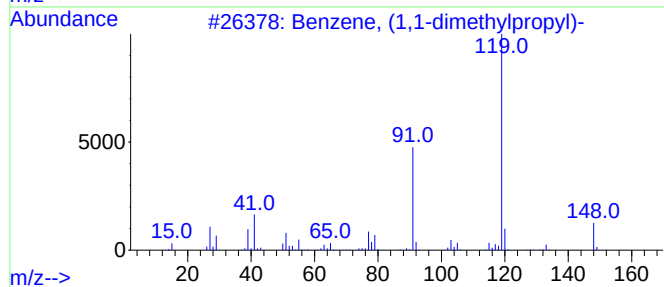
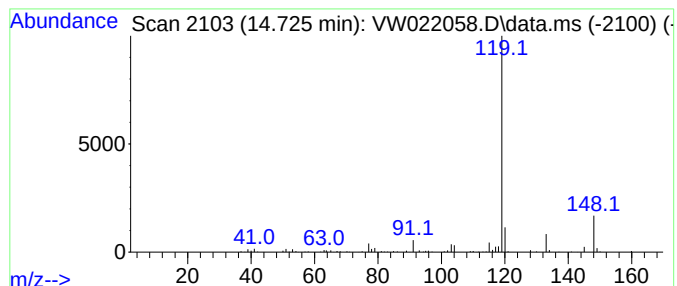
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 Benzene, (1,1-dimethylpropyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	5.70 ug/L	98608	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
3			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	72
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

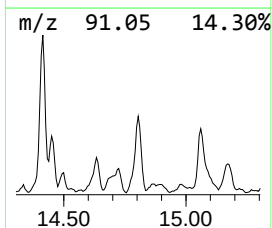
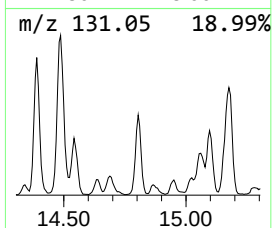
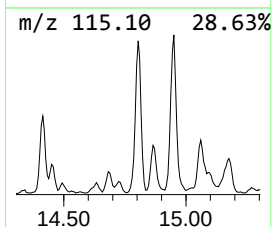
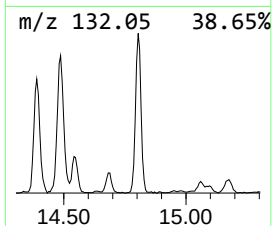
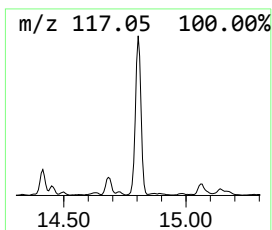
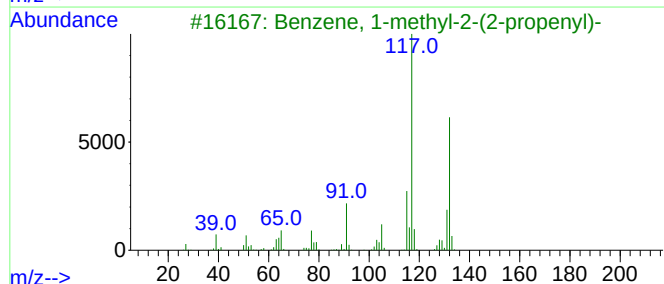
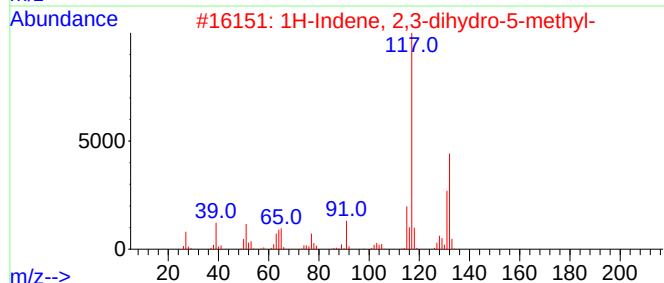
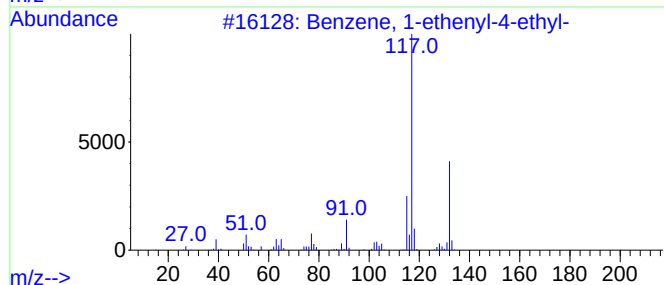
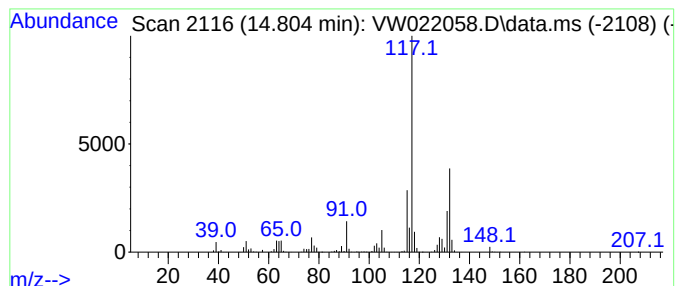
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	33.95 ug/L	587071	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

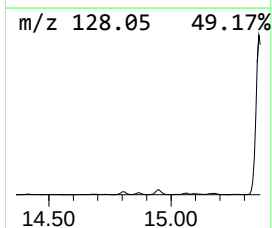
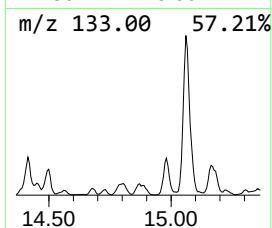
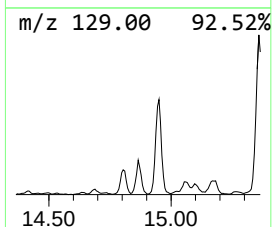
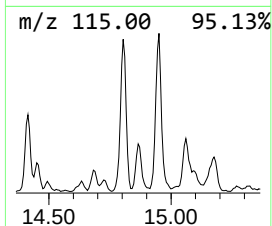
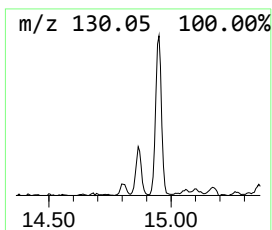
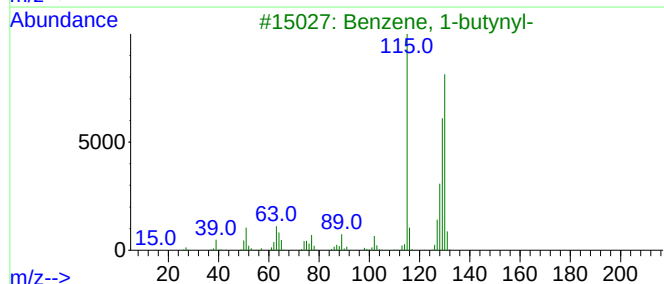
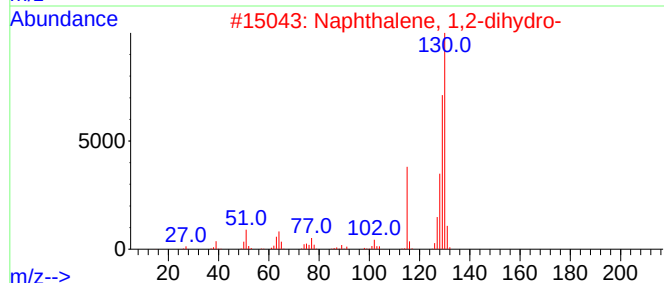
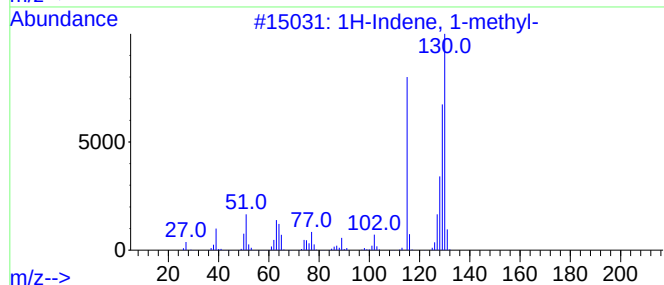
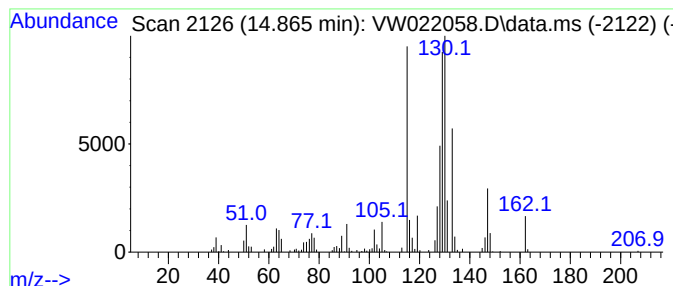
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 1H-Indene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.865	6.98 ug/L	120675	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	64
2			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	64
3			Benzene, 1-butynyl-	130	C10H10	000622-76-4	64
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	60
5			2-Methylindene	130	C10H10	002177-47-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

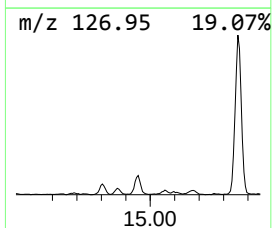
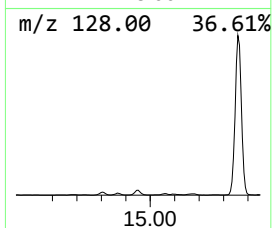
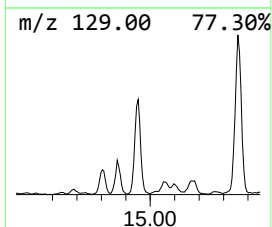
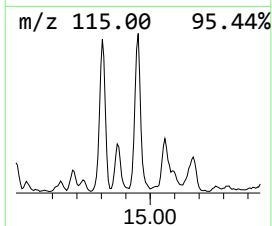
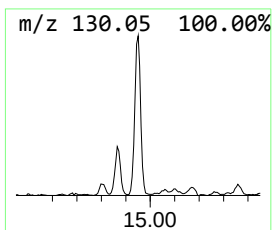
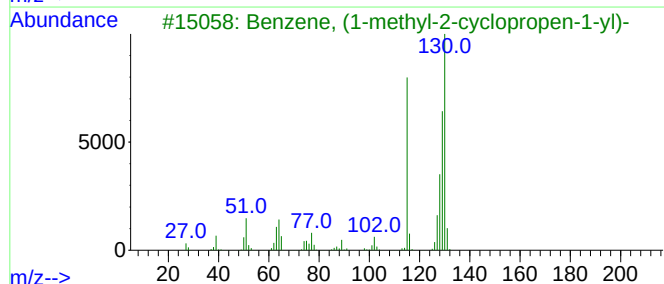
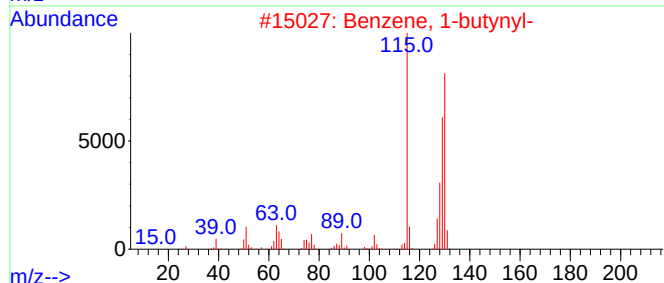
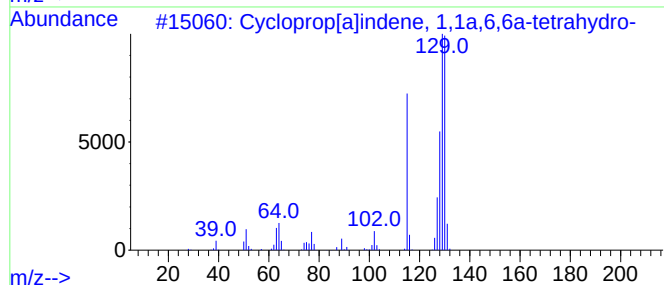
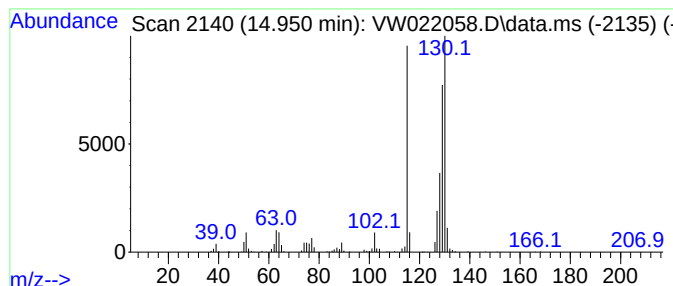
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	10.83 ug/L	187336	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2			Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5			2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

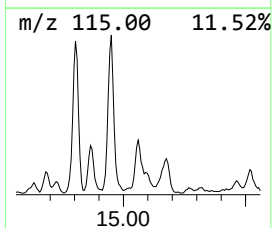
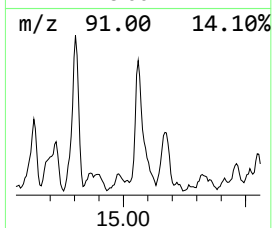
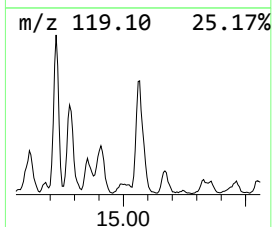
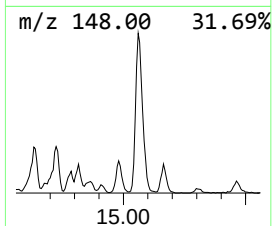
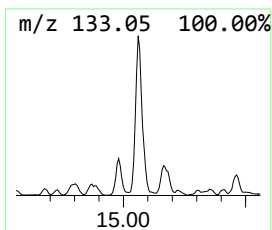
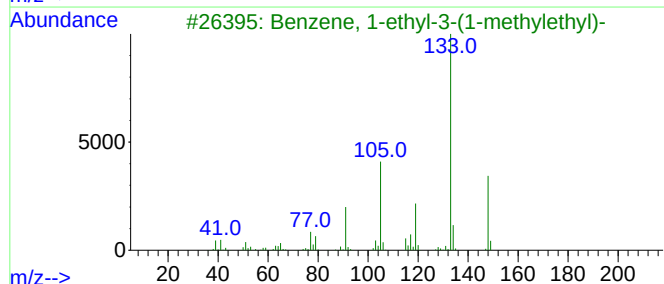
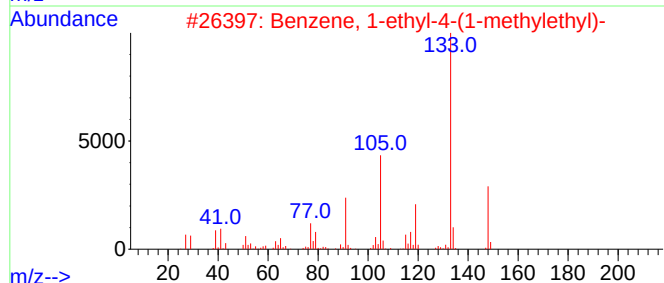
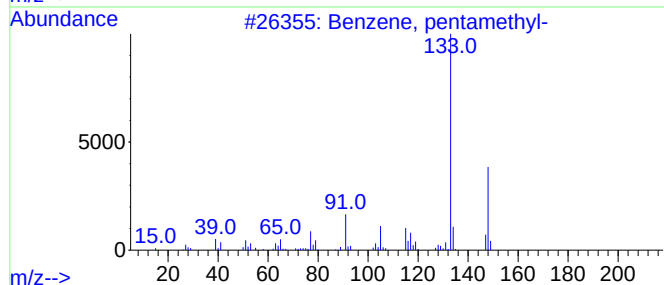
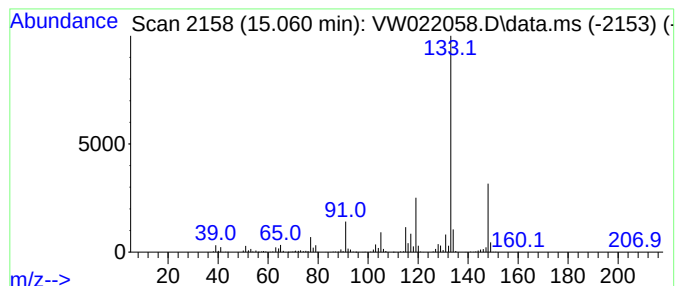
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 Benzene, pentamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	29.86 ug/L	516341	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

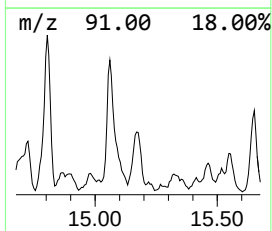
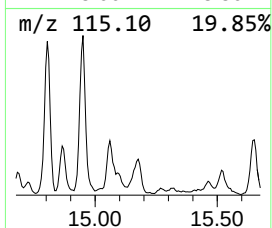
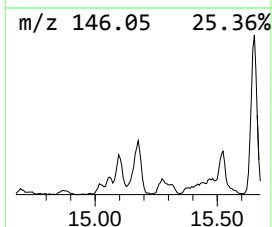
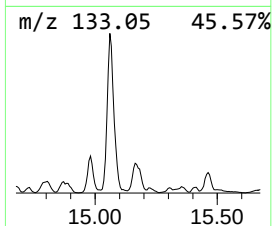
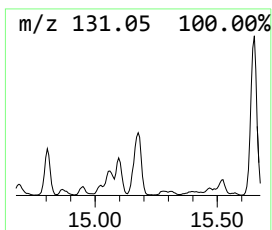
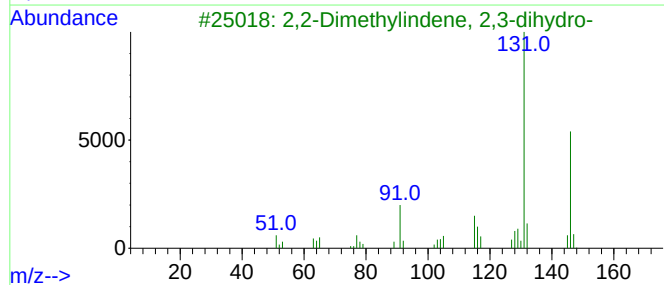
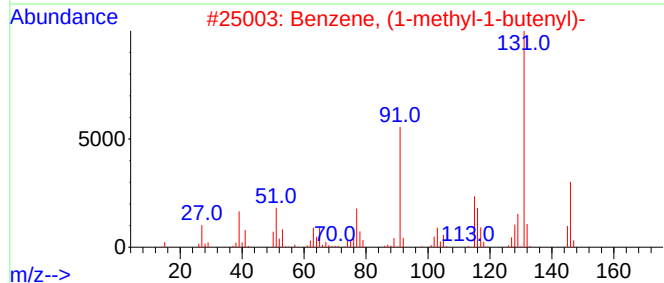
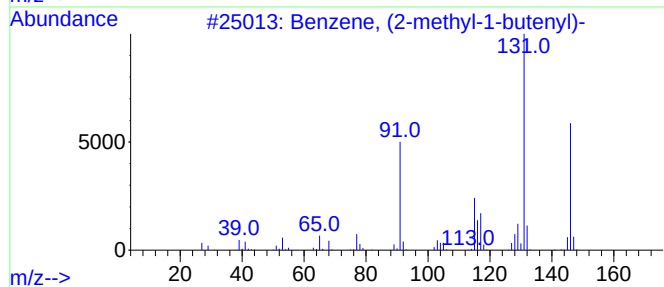
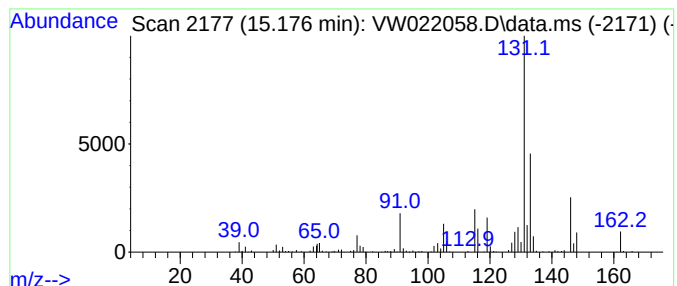
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	13.37 ug/L	231164	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

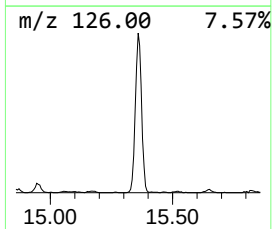
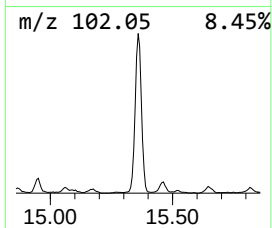
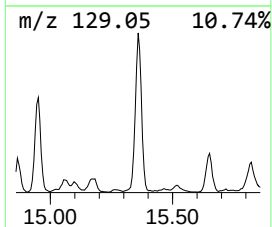
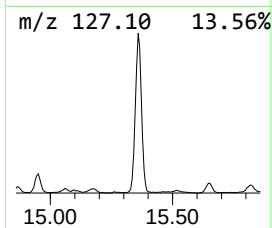
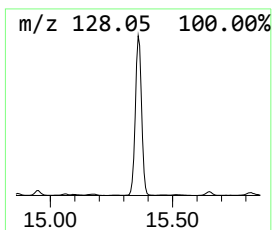
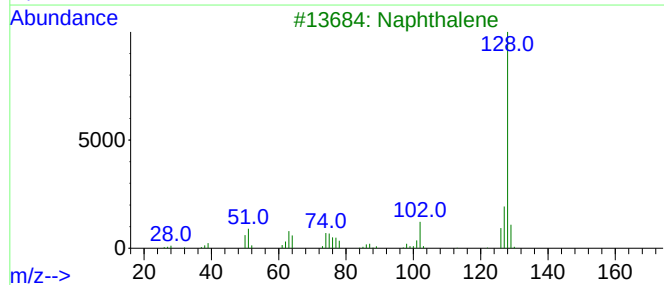
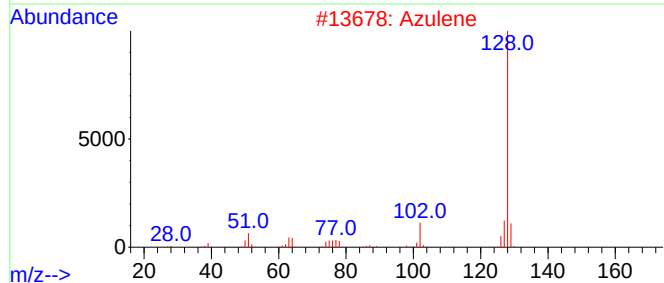
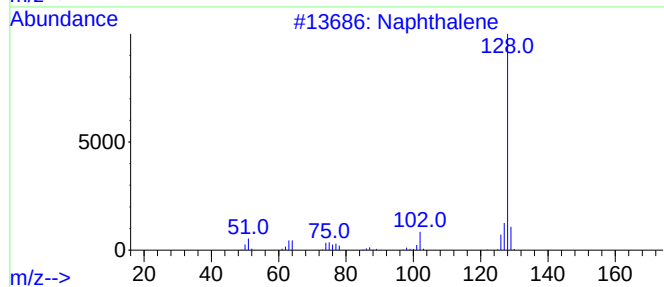
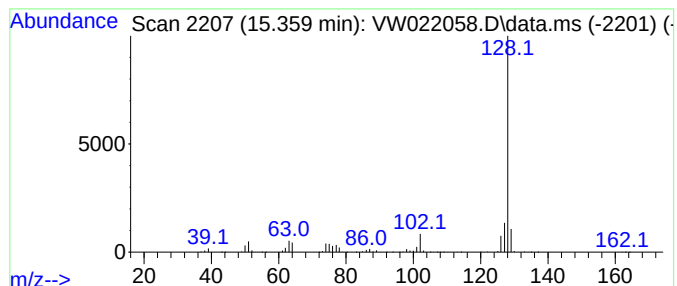
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 34 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	69.33 ug/L	1199030	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			Naphthalene	128	C10H8	000091-20-3	94
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

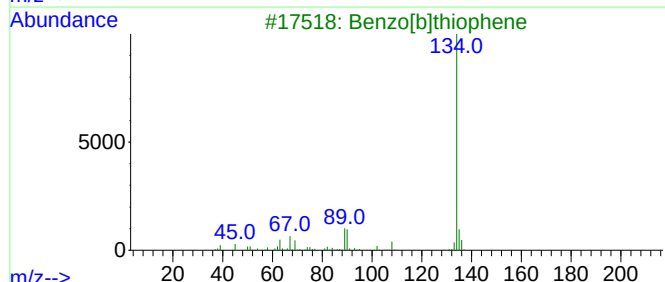
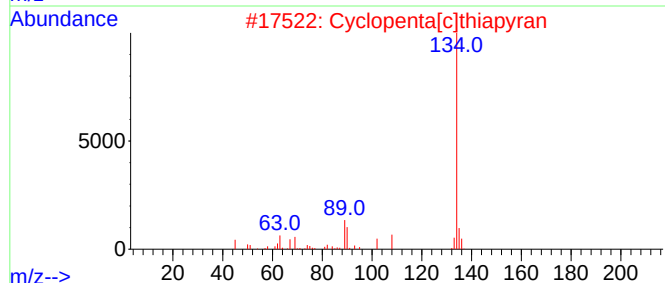
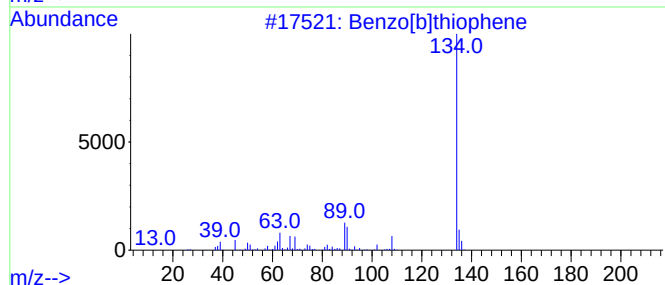
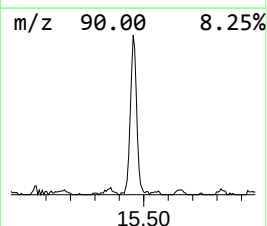
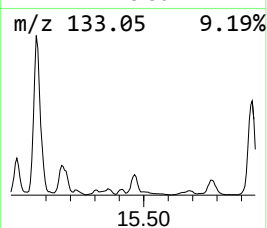
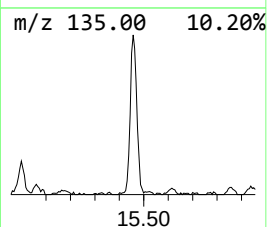
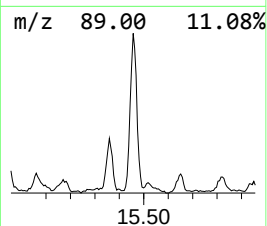
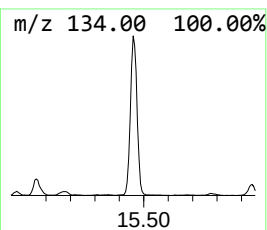
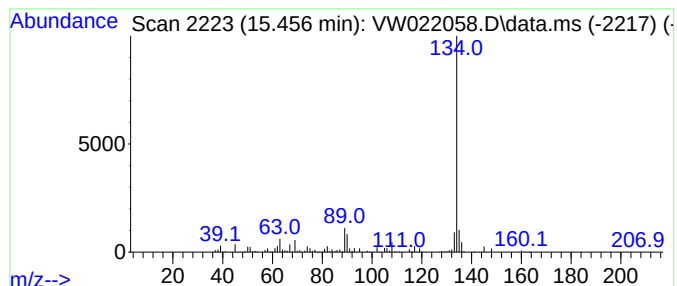
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 35 Benzo[b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.456	21.88 ug/L	378328	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4			Benzo[c]thiophene	134	C8H6S	000270-82-6	87
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

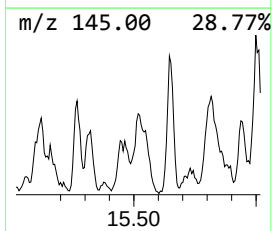
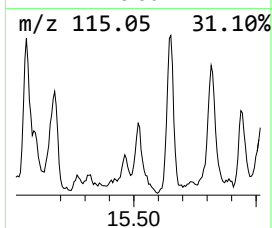
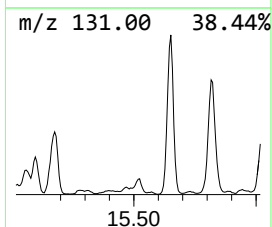
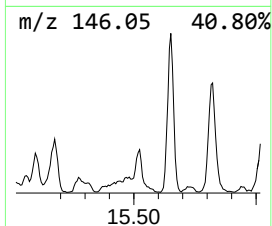
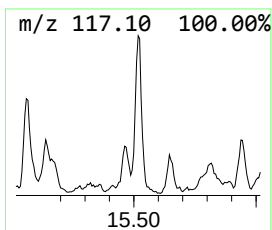
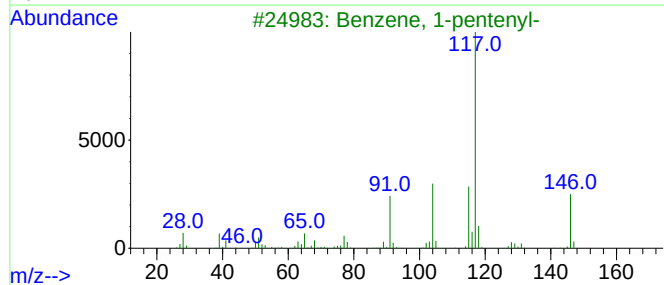
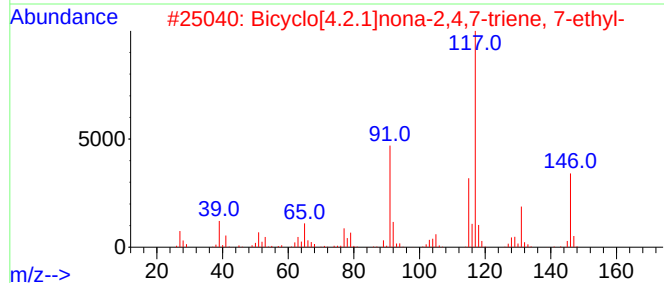
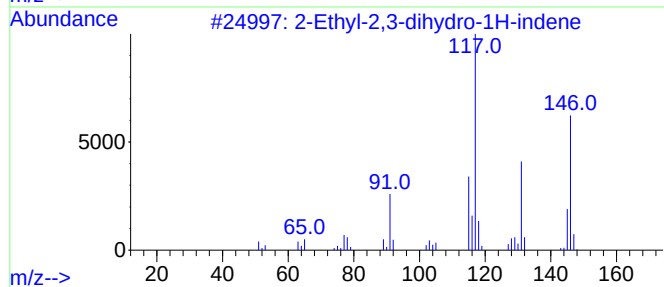
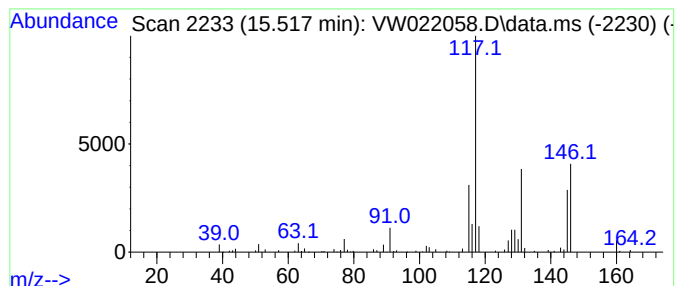
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 36 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.517	8.98 ug/L	155265	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	78
2			Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	53
3			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
4			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	47
5			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

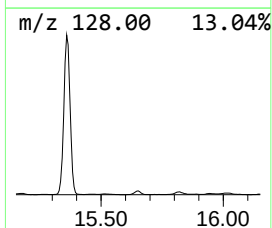
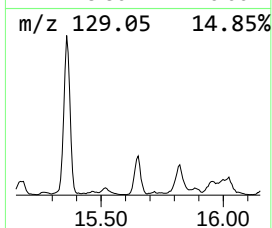
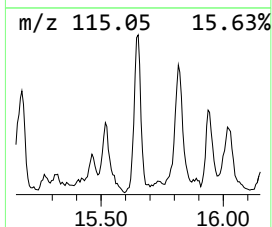
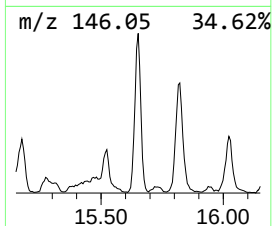
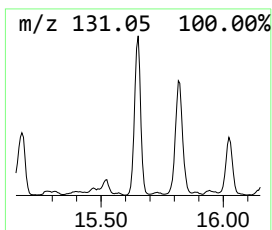
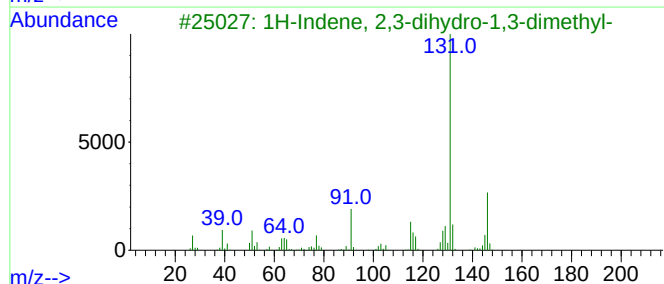
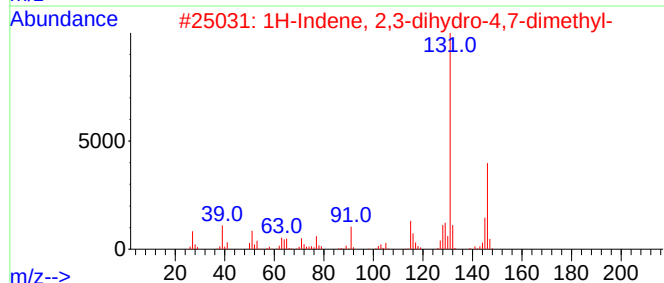
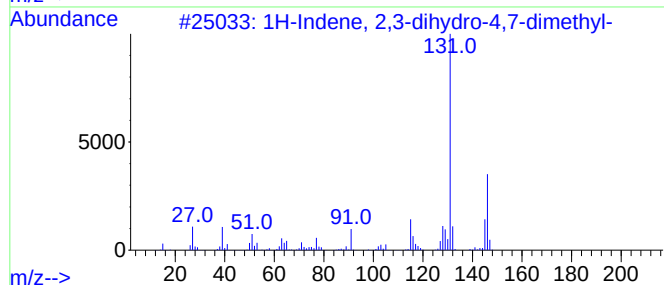
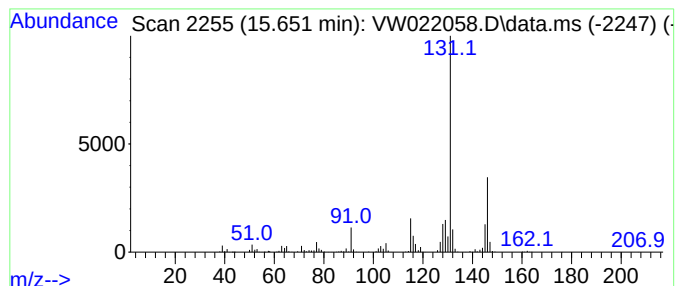
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 37 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.652	21.31 ug/L	368486	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

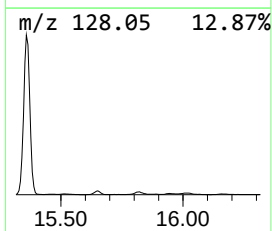
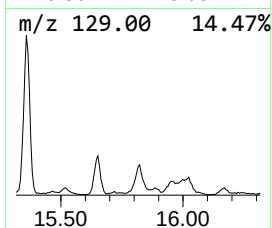
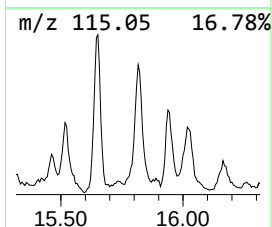
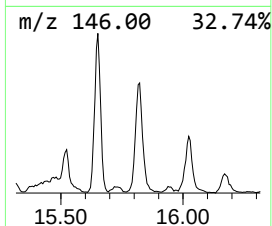
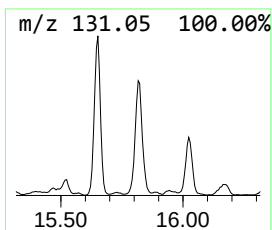
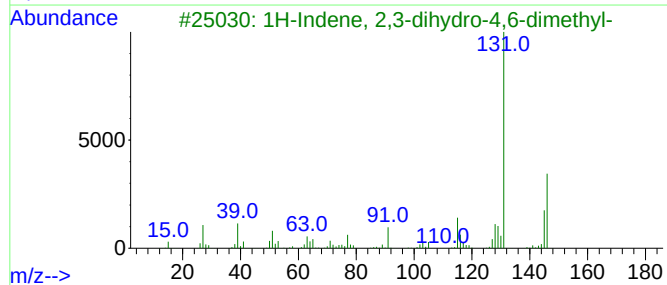
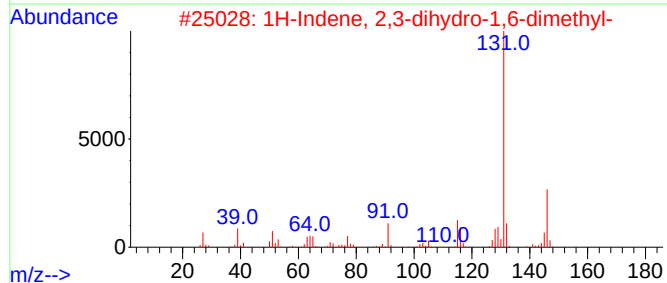
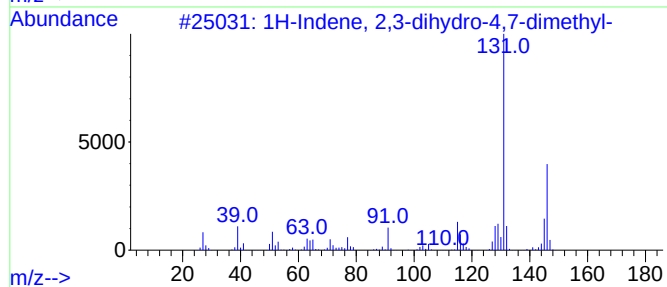
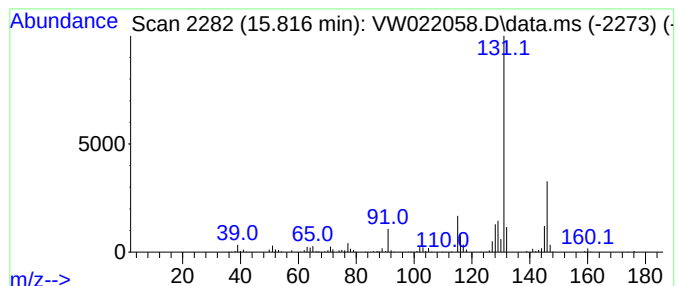
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 38 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	16.84 ug/L	291296	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94		
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94		
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93		
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93		
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

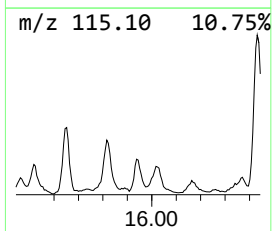
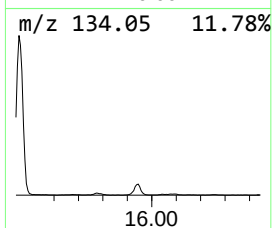
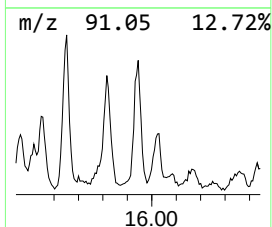
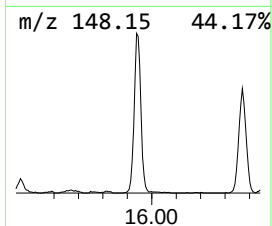
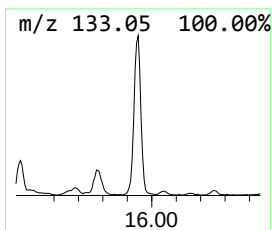
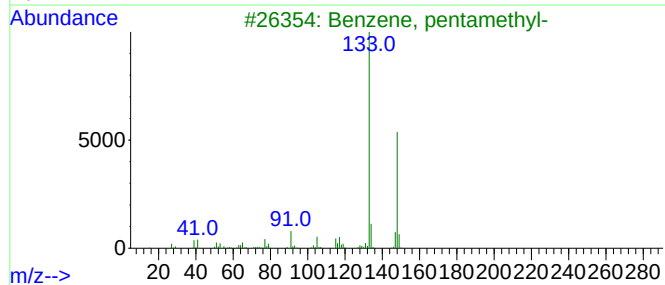
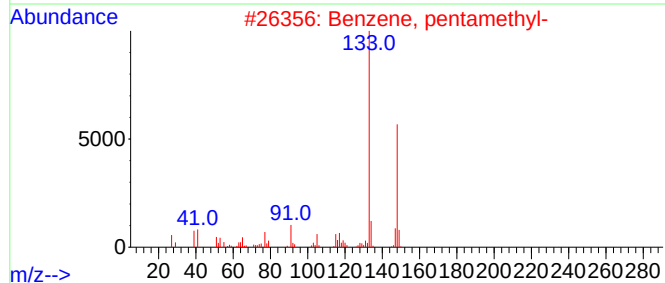
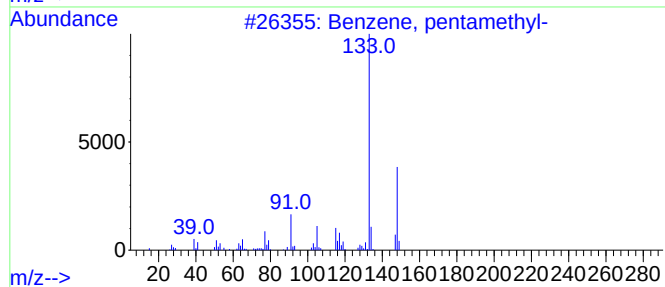
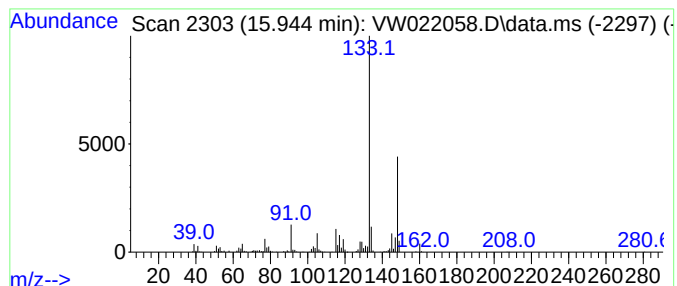
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	15.24 ug/L	263622	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

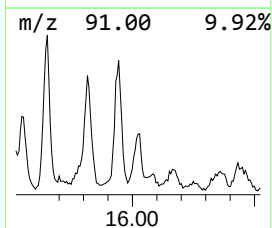
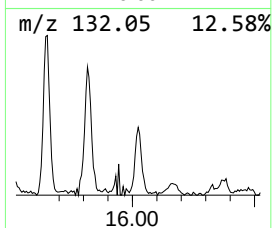
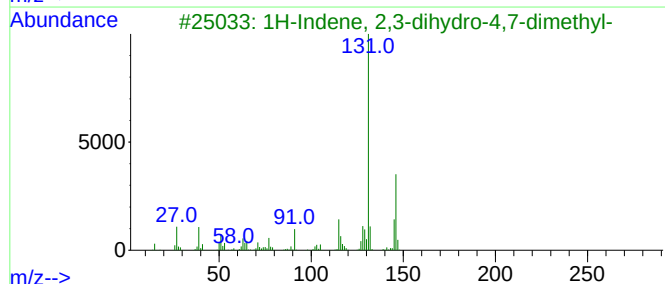
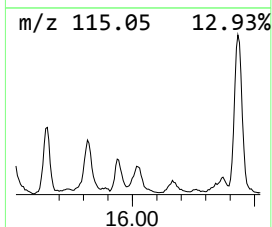
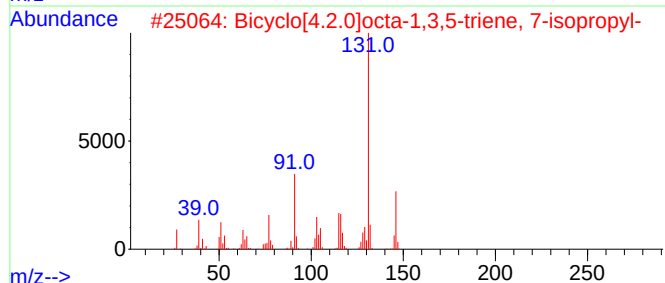
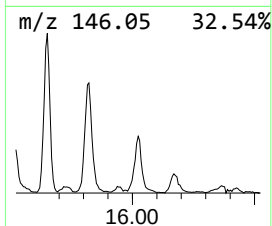
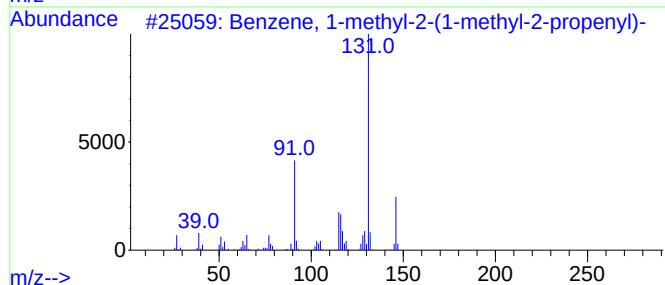
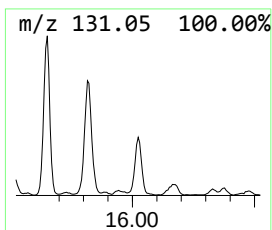
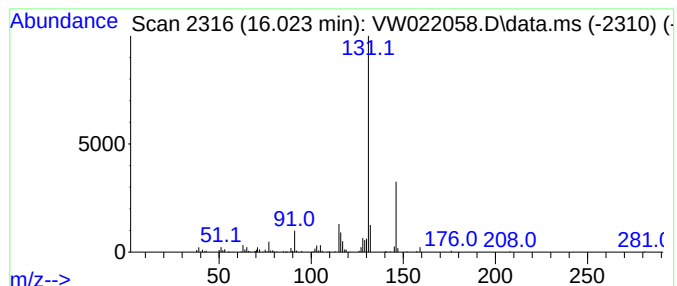
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 40 Benzene, 1-methyl-2-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.023	7.50 ug/L	129736	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	80
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

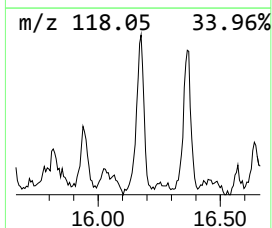
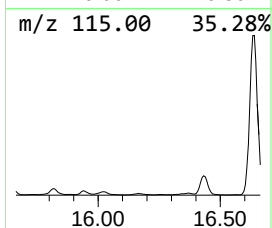
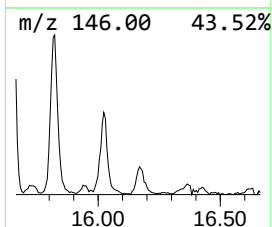
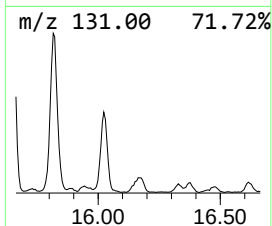
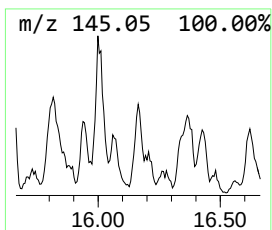
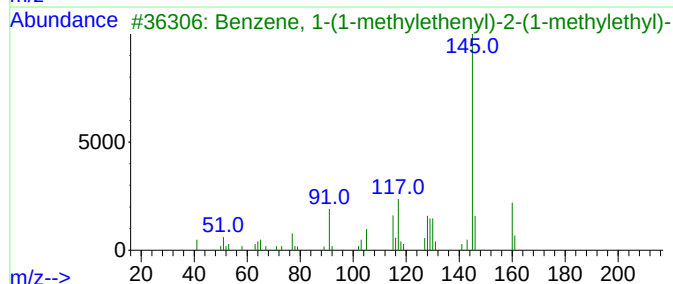
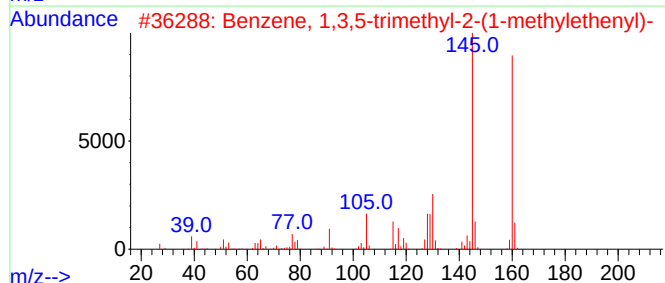
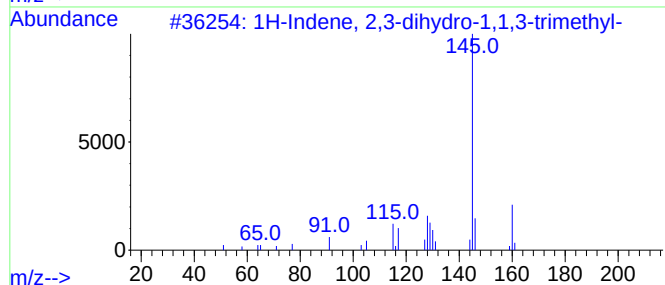
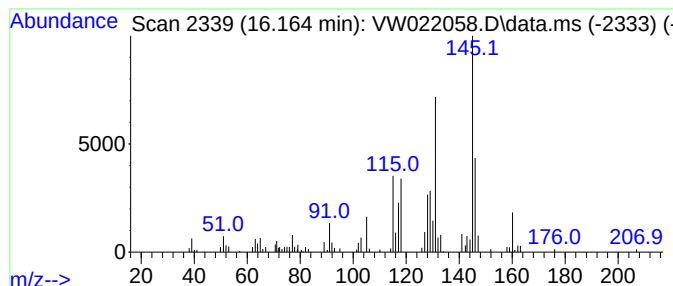
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 41 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.164	4.60 ug/L	79538	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
3			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	53
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
5			Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

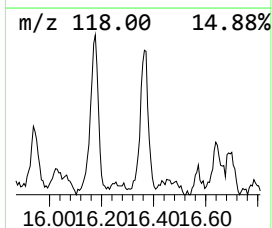
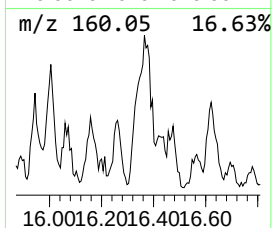
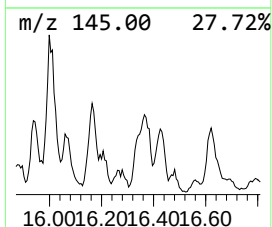
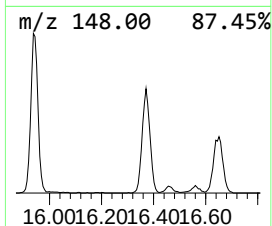
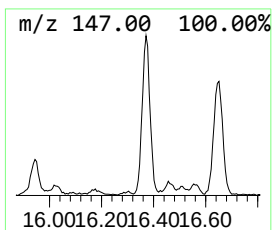
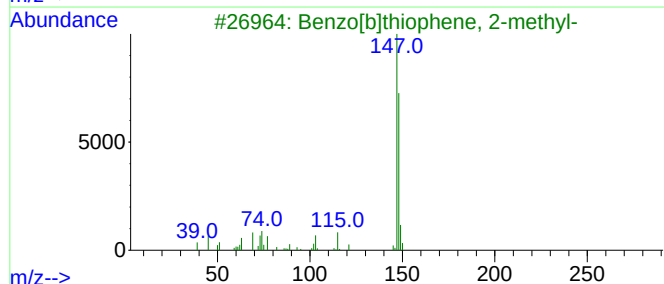
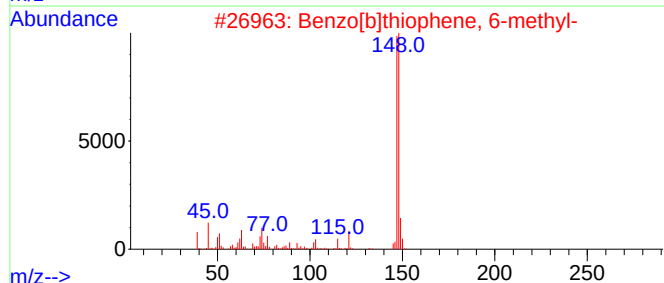
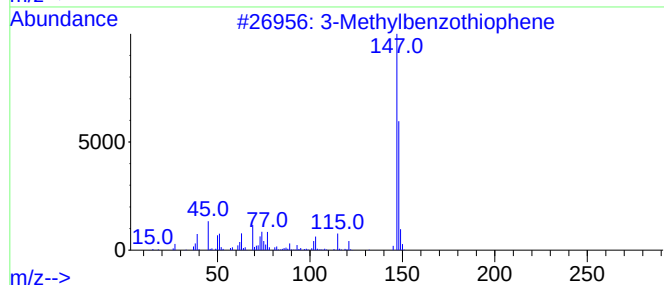
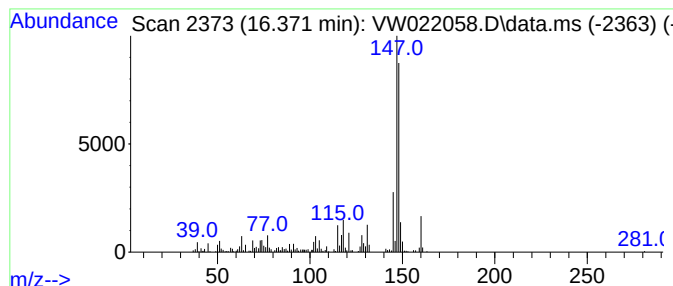
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 3-Methylbenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	10.69 ug/L	184799	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methylbenzothiophene	148	C9H8S	001455-18-1	76
2			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	68
3			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	68
4			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	68
5			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

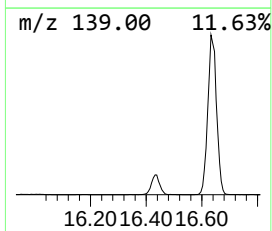
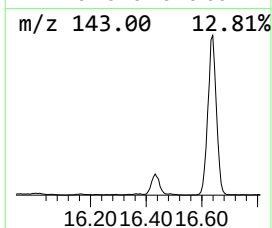
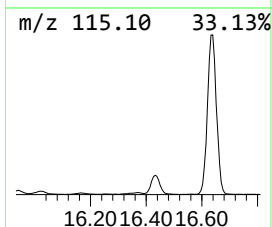
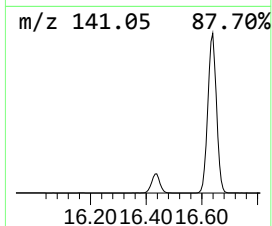
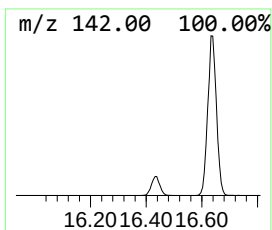
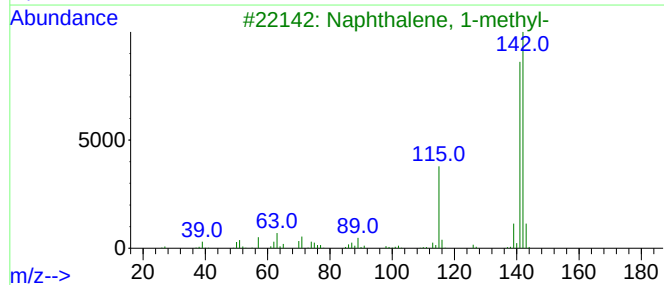
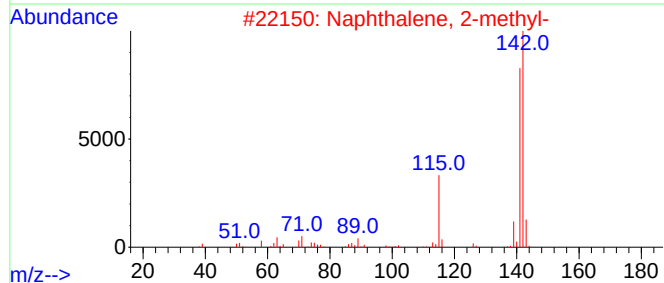
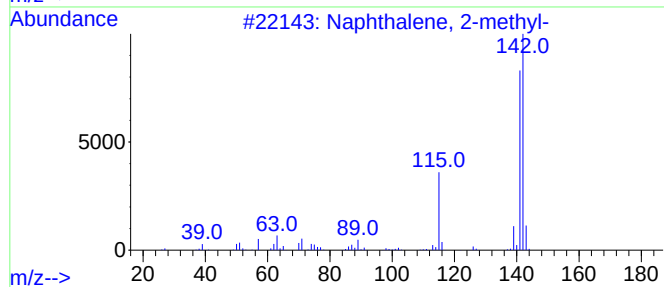
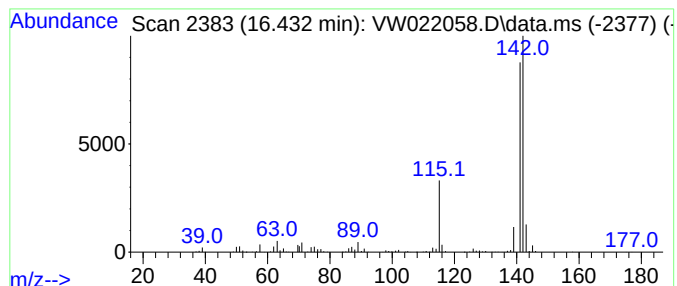
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 43 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	31.41 ug/L	543235	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
Data File : VW022058.D
Acq On : 03 Feb 2022 03:25
Operator : SY/VA
Sample : N1363-06
Misc : 6.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLZ2

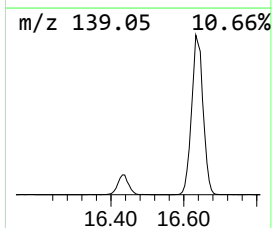
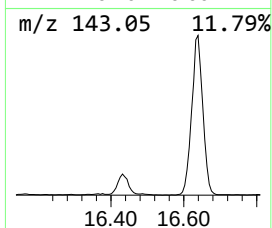
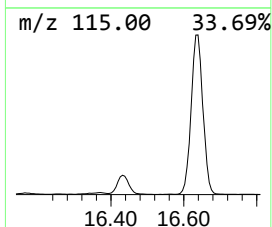
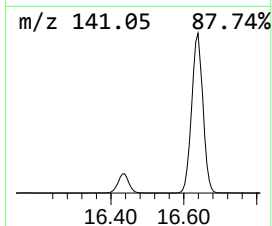
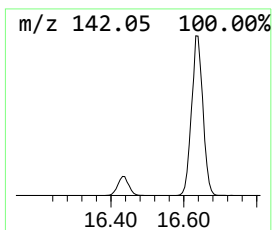
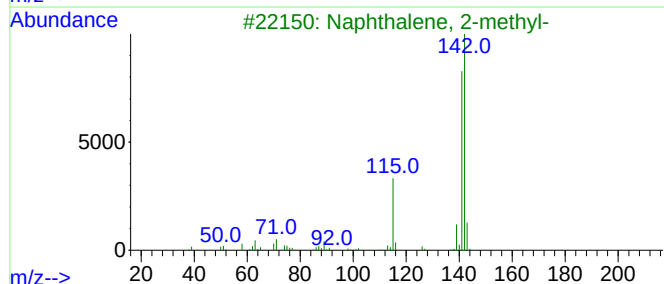
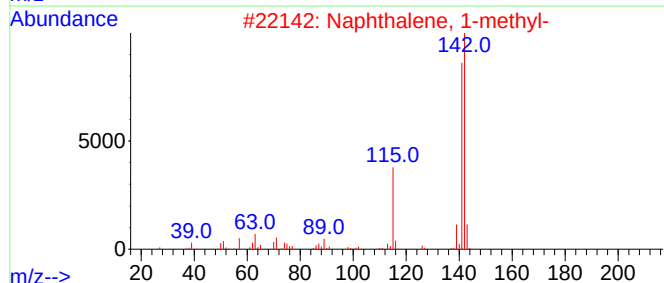
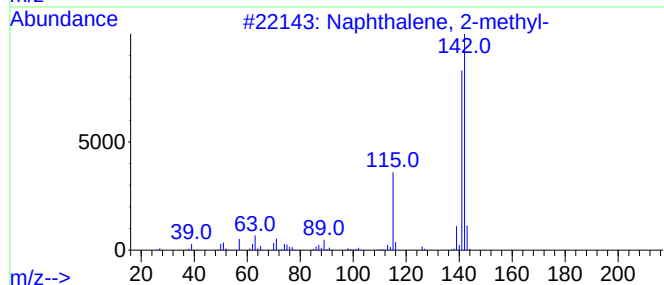
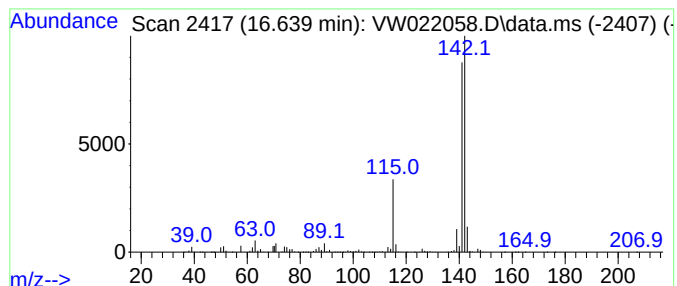
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	238.22 ug/L	4119740	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW0220222\
 Data File : VW022058.D
 Acq On : 03 Feb 2022 03:25
 Operator : SY/VA
 Sample : N1363-06
 Misc : 6.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.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
(DEL) Alkane: S...	8.031	1.7	ug/L	24551	1	8.842	363783	25.0
(DEL) Alkane: S...	8.159	1.3	ug/L	18217	1	8.842	363783	25.0
(DEL) Alkane: S...	8.513	3.1	ug/L	45818	1	8.842	363783	25.0
(DEL) Alkane: S...	9.073	2.1	ug/L	30285	1	8.842	363783	25.0
(DEL) Alkane: S...	9.896	1.6	ug/L	22953	1	8.842	363783	25.0
(DEL) Alkane: S...	10.098	2.2	ug/L	31937	1	8.842	363783	25.0
(DEL) Alkane: S...	11.512	2.0	ug/L	42336	2	11.628	539713	25.0
(DEL) Alkane: S...	12.250	2.3	ug/L	49072	2	11.628	539713	25.0
Pentalene, octa...	12.335	2.8	ug/L	61322	2	11.628	539713	25.0
unknown-01	12.786	5.9	ug/L	102750	3	13.554	432346	25.0
Benzene, 1-ethy...	13.103	16.4	ug/L	283991	3	13.554	432346	25.0
(DEL) Alkane: C...	13.445	3.1	ug/L	53936	3	13.554	432346	25.0
Indane	13.756	43.9	ug/L	758754	3	13.554	432346	25.0
Indene	13.932	10.3	ug/L	178405	3	13.554	432346	25.0
Benzene, 1-ethy...	14.036	2.6	ug/L	44918	3	13.554	432346	25.0
Benzene, (1-met...	14.201	12.3	ug/L	212033	3	13.554	432346	25.0
Benzene, 1,2,3,...	14.414	57.3	ug/L	990900	3	13.554	432346	25.0
Benzene, 1-ethy...	14.451	13.2	ug/L	228698	3	13.554	432346	25.0
Benzofuran, 2-m...	14.487	15.3	ug/L	264070	3	13.554	432346	25.0
Cinnamaldehyde,...	14.542	4.6	ug/L	80210	3	13.554	432346	25.0
2-(p-Tolyl)ethy...	14.633	6.6	ug/L	114366	3	13.554	432346	25.0
Benzene, 1-ethe...	14.688	4.8	ug/L	83207	3	13.554	432346	25.0
Benzene, (1,1-d...	14.725	5.7	ug/L	98608	3	13.554	432346	25.0
1H-Indene, 2,3-...	14.804	34.0	ug/L	587071	3	13.554	432346	25.0
1H-Indene, 1-me...	14.865	7.0	ug/L	120675	3	13.554	432346	25.0
Cycloprop[a]ind...	14.950	10.8	ug/L	187336	3	13.554	432346	25.0
Benzene, pentam...	15.060	29.9	ug/L	516341	3	13.554	432346	25.0
Benzene, (2-met...	15.176	13.4	ug/L	231164	3	13.554	432346	25.0
Azulene	15.359	69.3	ug/L	1199030	3	13.554	432346	25.0
Benzo[b]thiophene	15.456	21.9	ug/L	378328	3	13.554	432346	25.0
2-Ethyl-2,3-dih...	15.517	9.0	ug/L	155265	3	13.554	432346	25.0
1H-Indene, 2,3-...	15.652	21.3	ug/L	368486	3	13.554	432346	25.0
1H-Indene, 2,3-...	15.816	16.8	ug/L	291296	3	13.554	432346	25.0
Benzene, 1-ethy...	15.944	15.2	ug/L	263622	3	13.554	432346	25.0
Benzene, 1-meth...	16.023	7.5	ug/L	129736	3	13.554	432346	25.0
1H-Indene, 2,3-...	16.164	4.6	ug/L	79538	3	13.554	432346	25.0
3-Methylbenzoth...	16.371	10.7	ug/L	184799	3	13.554	432346	25.0
Naphthalene, 2-...	16.432	31.4	ug/L	543235	3	13.554	432346	25.0
Naphthalene, 1-...	16.639	238.2	ug/L	4119740	3	13.554	432346	25.0