

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021841.D
 Acq On : 11 Jan 2022 18:56
 Operator : SY/VA
 Sample : N1084-11
 Misc : 6.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN4

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\SFAMWLM011122SMA.M
 Title : SFAM01.0

Signal : TIC: VW021841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	82	rVB	48474	81860	13.02%	1.410%
2	2.501	94	98	106	rVB2	2792	5510	0.88%	0.095%
3	2.885	155	161	172	rVB3	31220	65820	10.47%	1.134%
4	3.257	221	222	224	rVB	424	246	0.04%	0.004%
5	3.373	240	241	244	rBV3	449	570	0.09%	0.010%
6	3.544	267	269	272	rVB	319	270	0.04%	0.005%
7	3.824	310	315	316	rBV	260	456	0.07%	0.008%
8	3.885	323	325	328	rVB	319	301	0.05%	0.005%
9	3.910	328	329	333	rBV	209	270	0.04%	0.005%
10	4.019	337	347	360	rVV	71301	198622	31.60%	3.422%
11	4.135	361	366	378	rVB	2853	8561	1.36%	0.147%
12	4.385	398	407	416	rBV	6558	18585	2.96%	0.320%
13	4.489	421	424	425	rBV	278	250	0.04%	0.004%
14	4.574	437	438	441	rBV	177	189	0.03%	0.003%
15	4.714	458	461	462	rBV	311	319	0.05%	0.005%
16	4.733	462	464	466	rVV	221	179	0.03%	0.003%
17	4.922	485	495	500	rBV5	1470	3741	0.60%	0.064%
18	5.044	511	515	517	rBV	283	372	0.06%	0.006%
19	5.172	534	536	537	rVV	285	179	0.03%	0.003%
20	5.190	537	539	541	rVB	344	210	0.03%	0.004%
21	5.294	551	556	559	rBV2	226	535	0.09%	0.009%
22	5.446	579	581	584	rVB2	252	224	0.04%	0.004%
23	5.483	584	587	590	rBV2	198	247	0.04%	0.004%
24	5.580	601	603	605	rBV2	199	162	0.03%	0.003%
25	5.635	611	612	615	rVB	303	232	0.04%	0.004%
26	5.684	618	620	624	rVV2	164	225	0.04%	0.004%
27	5.885	651	653	654	rBV	178	160	0.03%	0.003%
28	5.946	659	663	664	rBV2	438	493	0.08%	0.008%
29	6.117	685	691	692	rBV4	513	854	0.14%	0.015%
30	6.263	714	715	717	rBV	236	180	0.03%	0.003%
31	6.495	750	753	754	rBV2	222	200	0.03%	0.003%
32	6.525	756	758	760	rVB	281	249	0.04%	0.004%
33	6.556	760	763	767	rBV2	293	330	0.05%	0.006%
34	6.598	767	770	773	rBV	309	476	0.08%	0.008%
35	6.738	788	793	794	rBV	203	262	0.04%	0.005%
36	6.848	807	811	812	rBV2	225	255	0.04%	0.004%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Title : SFAM01.0

37	6.909	816	821	822	rBV2	437	565	0.09%	0.010%
38	7.086	840	850	861	rBV	12285	37442	5.96%	0.645%
39	7.257	873	878	888	rVB3	3244	8484	1.35%	0.146%
40	7.427	904	906	909	rBV	128	164	0.03%	0.003%
41	7.653	933	943	961	rVB	106229	261892	41.67%	4.512%
42	7.854	975	976	978	rVB	299	165	0.03%	0.003%
43	7.915	983	986	987	rBV	225	260	0.04%	0.004%
44	7.970	994	995	996	rBV	290	182	0.03%	0.003%
45	8.019	1000	1003	1004	rBV2	147	188	0.03%	0.003%
46	8.110	1014	1018	1020	rVB2	213	283	0.05%	0.005%
47	8.147	1020	1024	1025	rBV2	276	280	0.04%	0.005%
48	8.159	1025	1026	1027	rBV	346	208	0.03%	0.004%
49	8.275	1035	1045	1061	rBV2	206110	602185	95.80%	10.374%
50	8.689	1110	1113	1115	rBV3	907	1375	0.22%	0.024%
51	8.842	1129	1138	1148	rVV	205362	396314	63.05%	6.827%
52	9.043	1167	1171	1173	rBV3	703	981	0.16%	0.017%
53	9.134	1182	1186	1188	rBV	164	164	0.03%	0.003%
54	9.275	1197	1209	1217	rBV	133452	272200	43.31%	4.689%
55	9.409	1227	1231	1236	rBV4	836	1579	0.25%	0.027%
56	9.470	1240	1241	1243	rBV4	201	213	0.03%	0.004%
57	9.543	1251	1253	1255	rVB2	337	214	0.03%	0.004%
58	9.634	1264	1268	1270	rBV	188	214	0.03%	0.004%
59	9.665	1270	1273	1277	rVB	580	825	0.13%	0.014%
60	9.805	1295	1296	1299	rVB	287	272	0.04%	0.005%
61	9.835	1299	1301	1305	rBV	439	502	0.08%	0.009%
62	9.884	1307	1309	1314	rVB3	843	1190	0.19%	0.021%
63	9.957	1319	1321	1322	rVV2	292	159	0.03%	0.003%
64	10.037	1326	1334	1343	rBV	70880	127702	20.32%	2.200%
65	10.323	1373	1381	1388	rBV	331202	578344	92.01%	9.963%
66	10.384	1388	1391	1396	rVV	10816	17204	2.74%	0.296%
67	10.506	1409	1411	1416	rVB2	884	847	0.13%	0.015%
68	10.579	1416	1423	1430	rBV	42588	75067	11.94%	1.293%
69	10.701	1437	1443	1449	rBV	1363	2461	0.39%	0.042%
70	10.744	1449	1450	1452	rBV	261	191	0.03%	0.003%
71	10.860	1465	1469	1473	rBV3	566	771	0.12%	0.013%
72	10.927	1473	1480	1488	rBV	53650	93281	14.84%	1.607%
73	11.073	1499	1504	1514	rVB7	1559	3490	0.56%	0.060%
74	11.225	1527	1529	1535	rBV3	640	816	0.13%	0.014%
75	11.311	1540	1543	1544	rBV2	216	255	0.04%	0.004%
76	11.402	1554	1558	1559	rBV3	1298	1407	0.22%	0.024%

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 Title : SFAM01.0

77	11.512	1571	1576	1582	rVB4	1327	2531	0.40%	0.044%
78	11.561	1582	1584	1587	rBV2	273	221	0.04%	0.004%
79	11.628	1587	1595	1605	rBV	305594	512772	81.58%	8.833%
80	11.731	1606	1612	1621	rVB	25014	42849	6.82%	0.738%
81	11.835	1621	1629	1639	rBV	95641	173284	27.57%	2.985%
82	11.963	1648	1650	1653	rBV3	399	392	0.06%	0.007%
83	12.164	1673	1683	1690	rBV2	24243	46525	7.40%	0.801%
84	12.250	1693	1697	1702	rVB2	4826	7705	1.23%	0.133%
85	12.359	1704	1715	1718	rBV7	3737	12626	2.01%	0.218%
86	12.689	1764	1769	1776	rVB	104111	176895	28.14%	3.047%
87	12.865	1792	1798	1801	rBV2	18689	32578	5.18%	0.561%
88	12.926	1804	1808	1815	rVB3	55682	102468	16.30%	1.765%
89	13.164	1843	1847	1855	rVB3	10210	17912	2.85%	0.309%
90	13.249	1856	1861	1866	rBV	47059	72774	11.58%	1.254%
91	13.554	1905	1911	1920	rBV	378237	628563	100.00%	10.828%
92	13.755	1940	1944	1947	rBV3	18714	31895	5.07%	0.549%
93	13.853	1954	1960	1968	rVB	321929	589277	93.75%	10.151%
94	14.682	2093	2096	2099	rBV2	6084	9734	1.55%	0.168%
95	14.792	2108	2114	2120	rBV5	15581	39519	6.29%	0.681%
96	15.359	2202	2207	2215	rVB	40433	73456	11.69%	1.265%
97	16.261	2350	2355	2356	rBV3	1057	1404	0.22%	0.024%
98	16.432	2376	2383	2396	rVB	123414	262218	41.72%	4.517%
99	16.633	2409	2416	2426	rVB	37876	84901	13.51%	1.463%
100	16.731	2430	2432	2435	rBV2	568	440	0.07%	0.008%

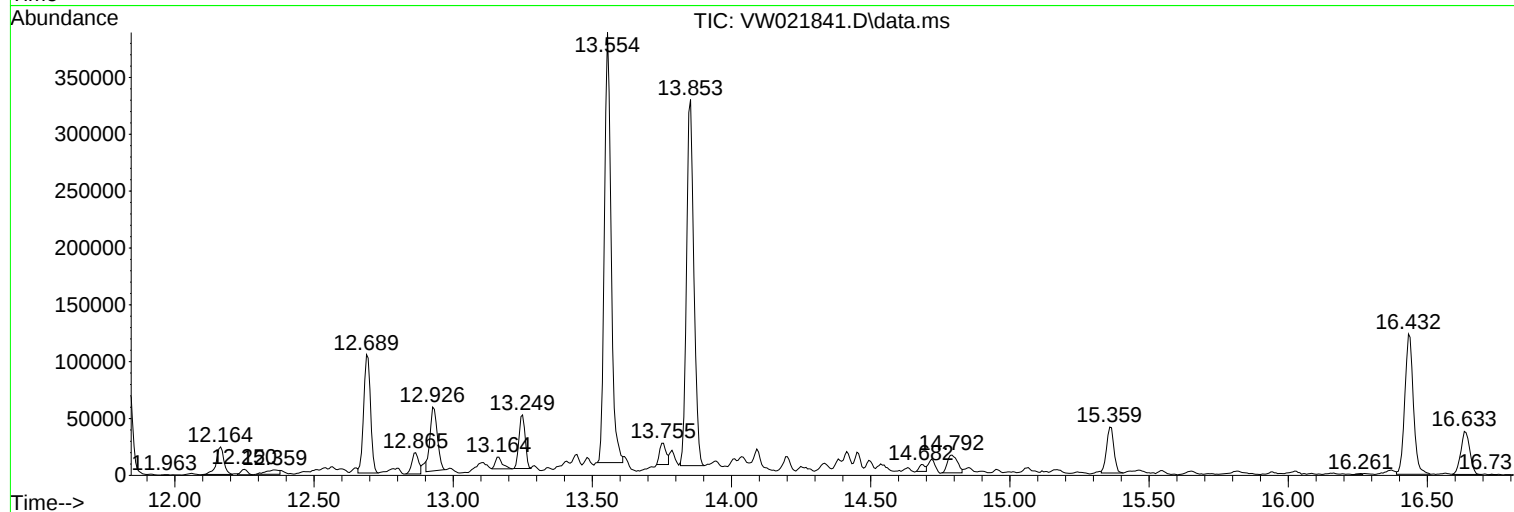
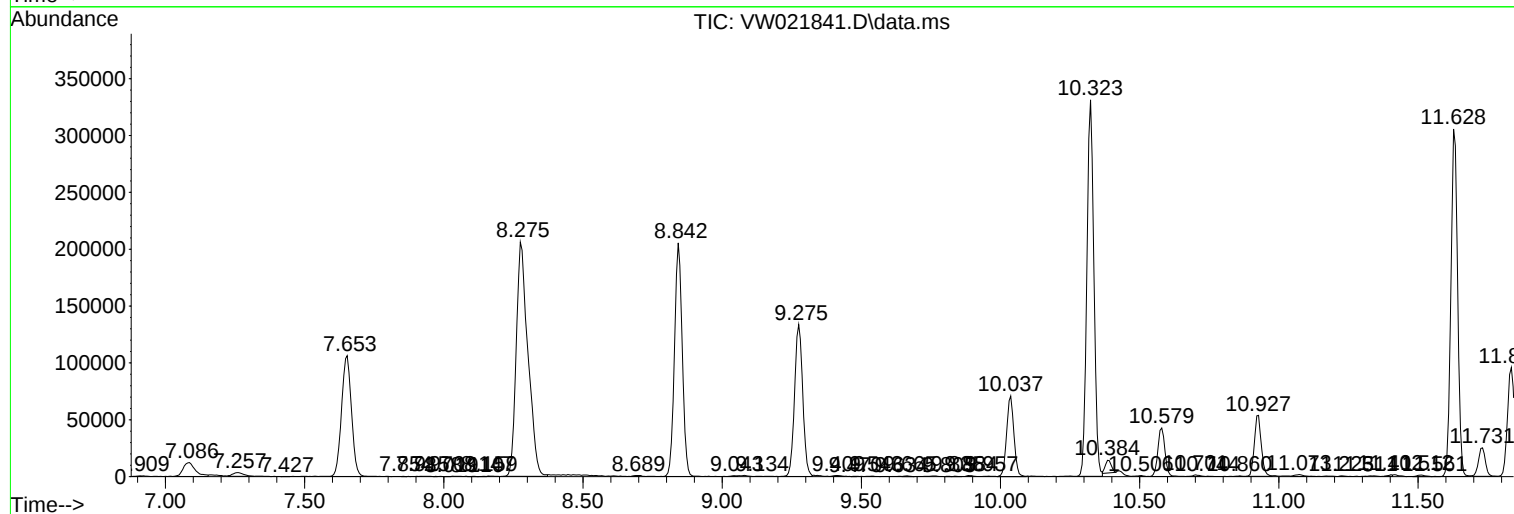
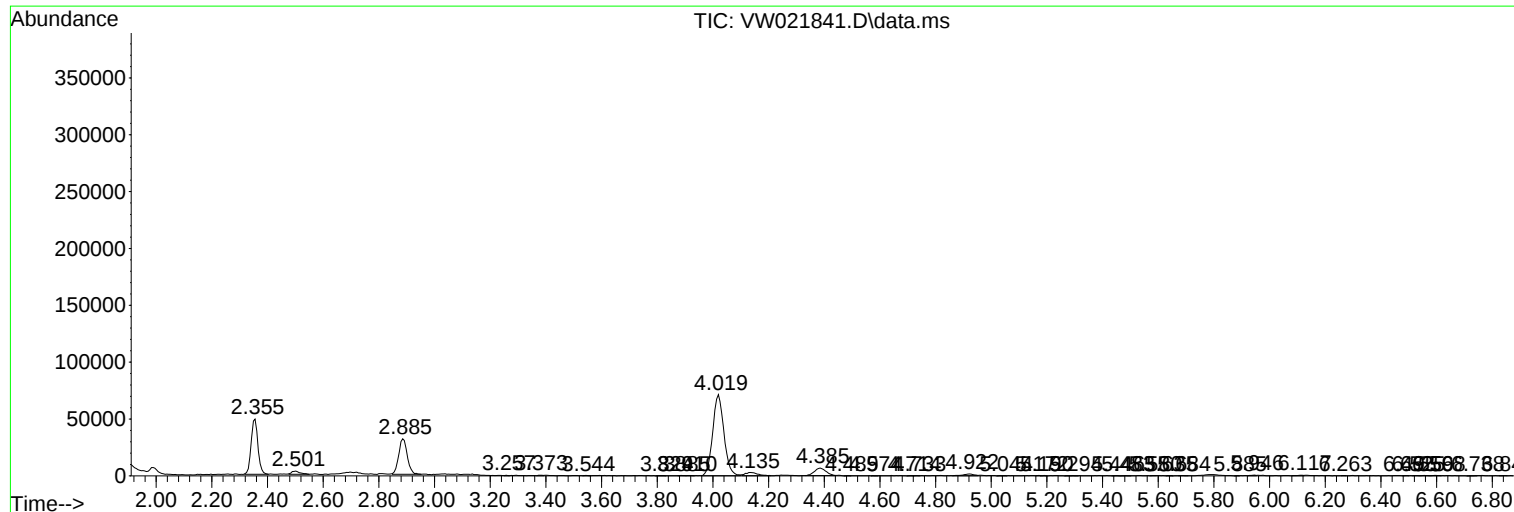
Sum of corrected areas: 5804869

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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



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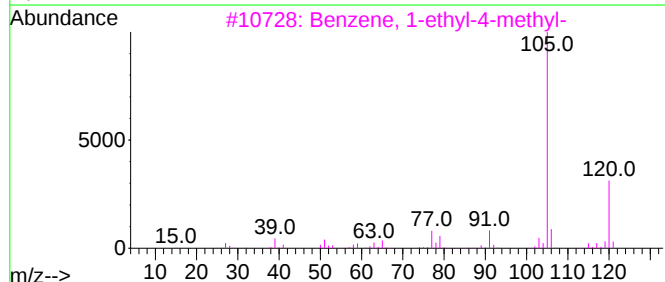
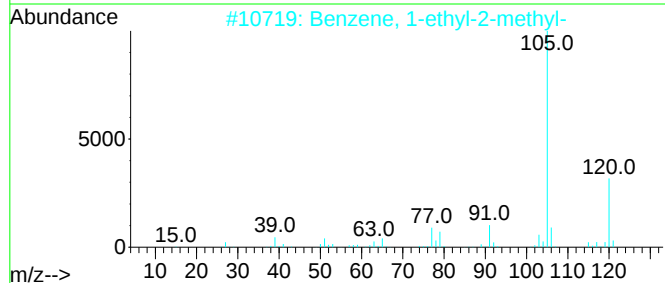
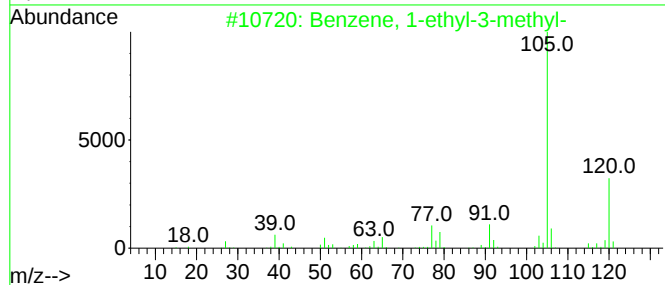
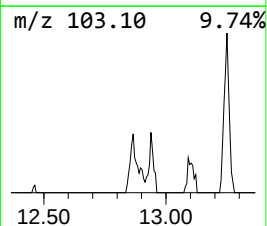
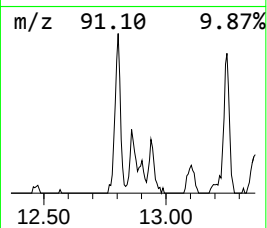
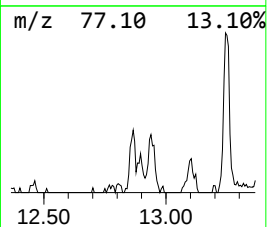
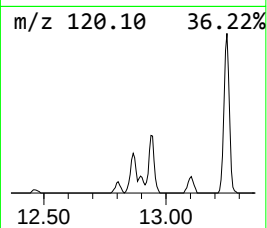
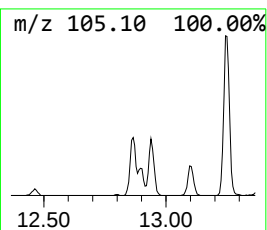
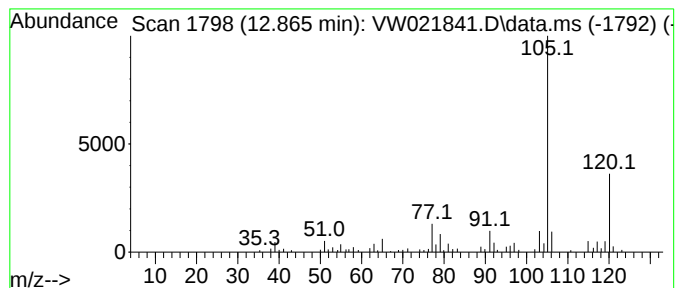
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.30 ug/L	32578	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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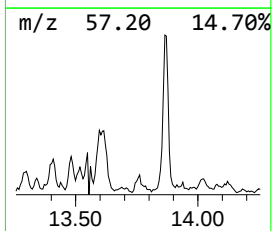
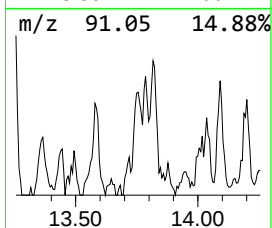
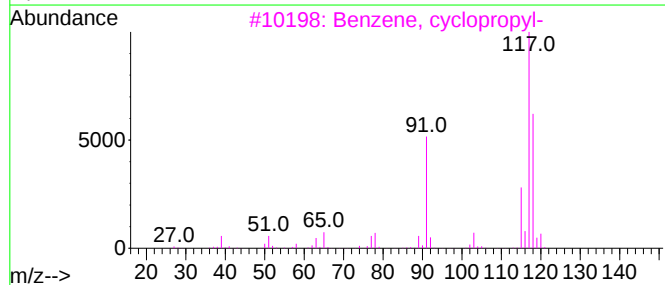
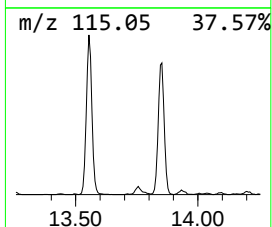
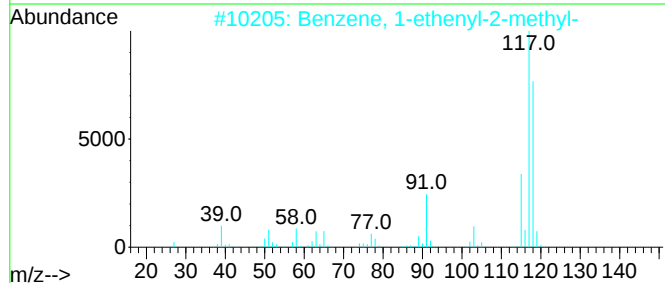
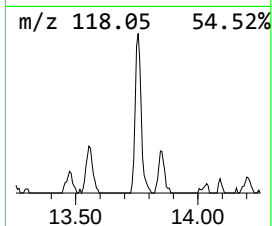
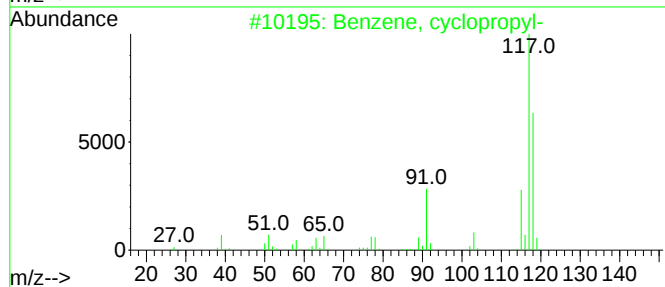
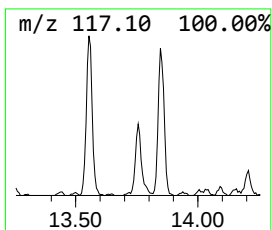
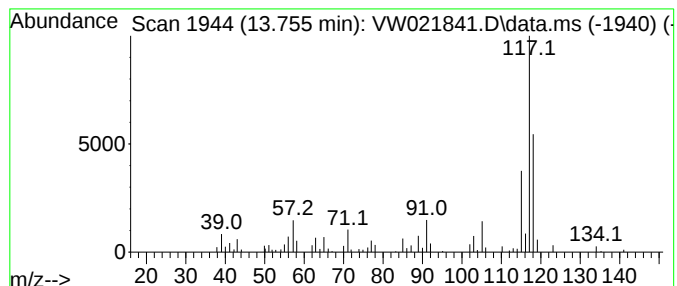
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Benzene, cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	1.27 ug/L	31895	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	76



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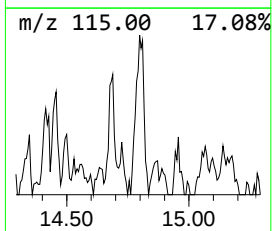
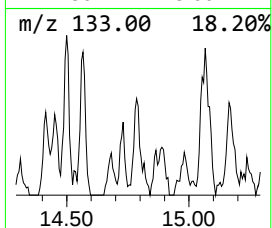
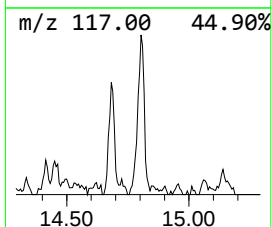
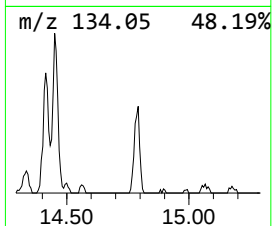
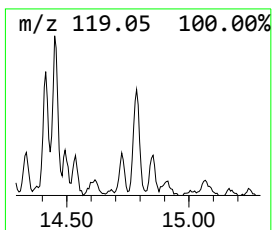
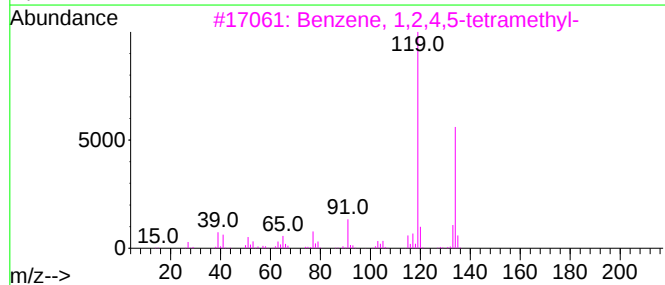
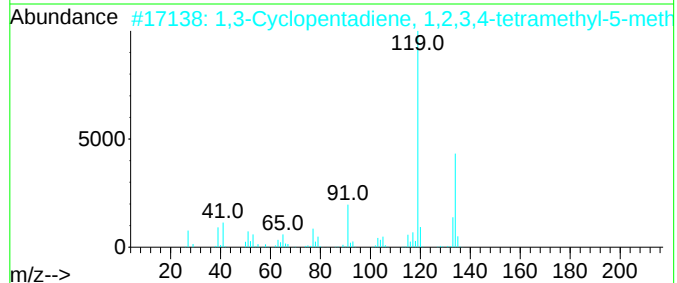
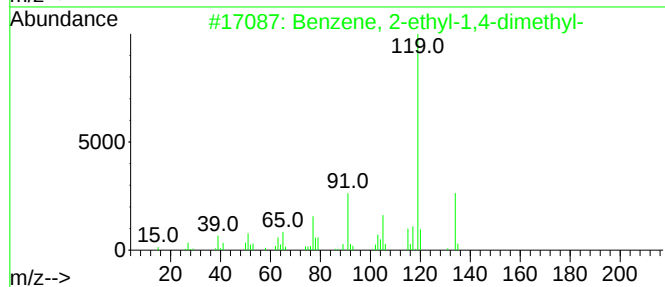
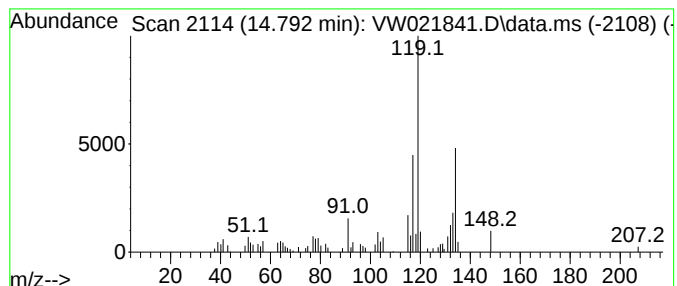
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	1.57 ug/L	39519	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021841.D
Acq On : 11 Jan 2022 18:56
Operator : SY/VA
Sample : N1084-11
Misc : 6.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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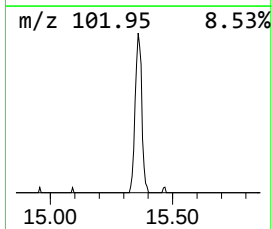
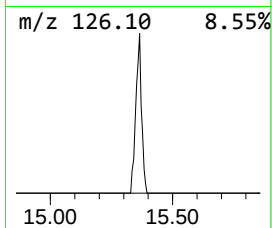
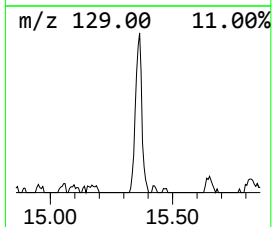
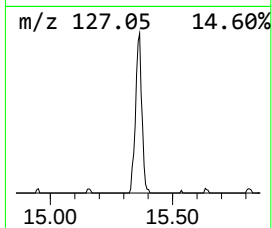
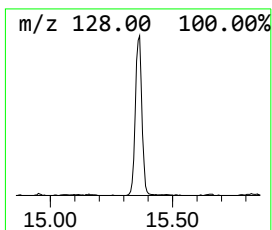
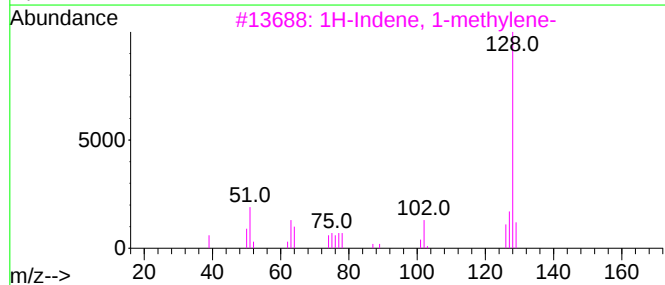
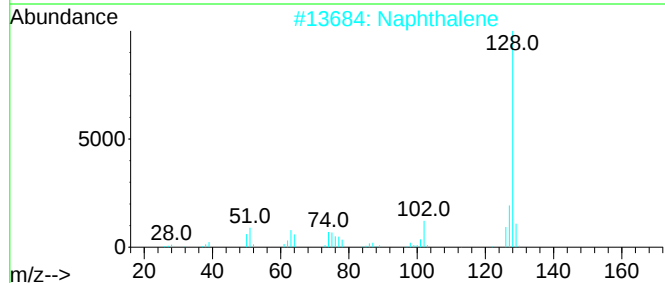
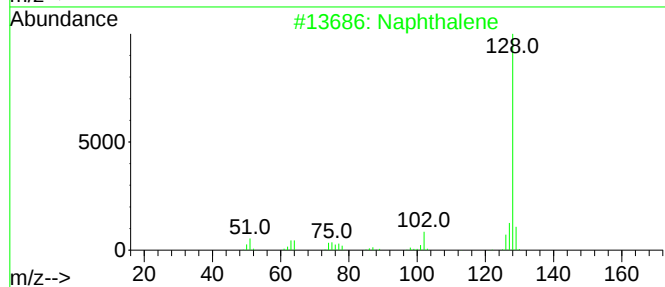
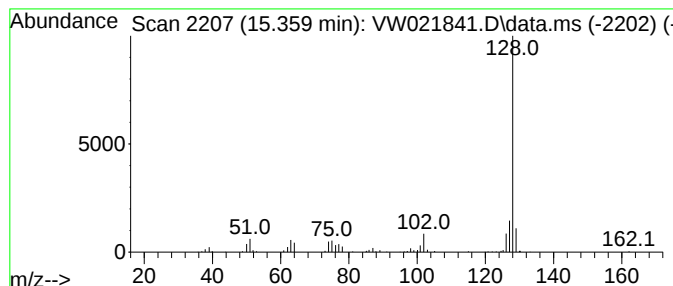
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Quant Title : SFAM01.0

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

Peak Number 5 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	2.92 ug/L	73456	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021841.D
Acq On : 11 Jan 2022 18:56
Operator : SY/VA
Sample : N1084-11
Misc : 6.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN4

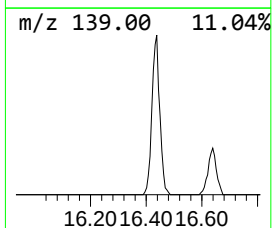
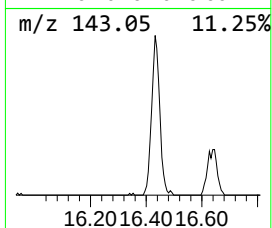
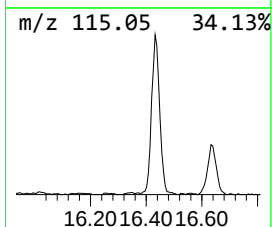
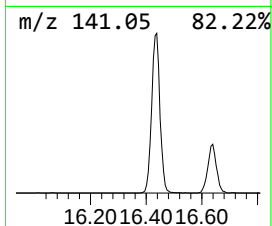
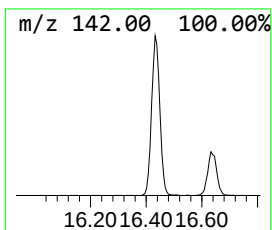
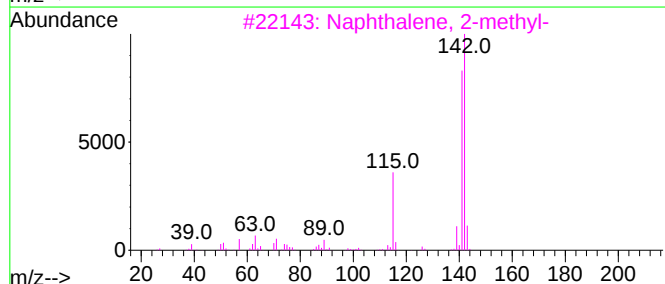
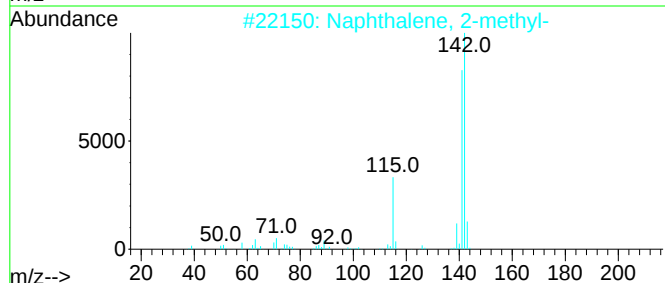
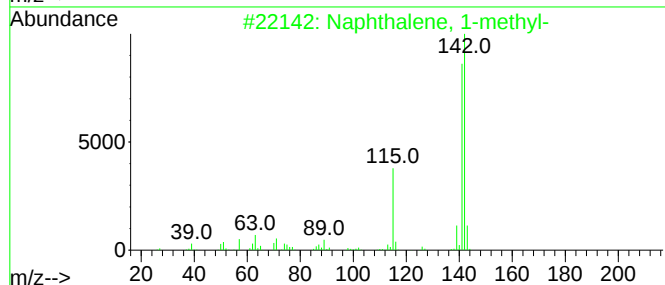
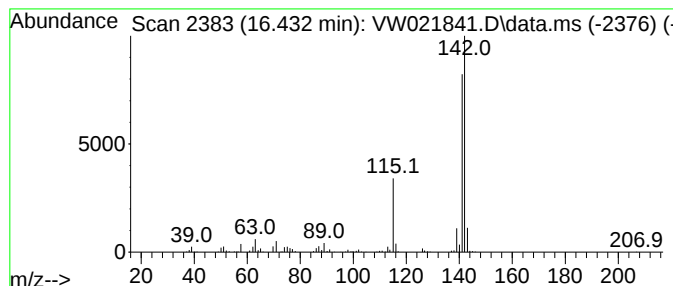
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	10.43 ug/L	262218	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021841.D
Acq On : 11 Jan 2022 18:56
Operator : SY/VA
Sample : N1084-11
Misc : 6.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN4

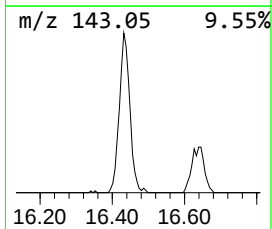
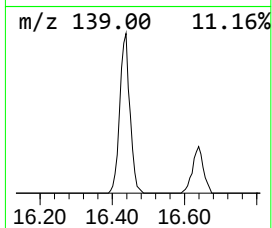
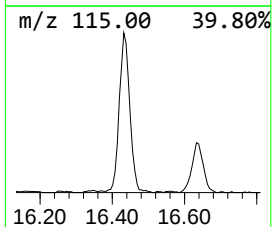
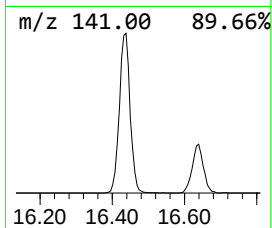
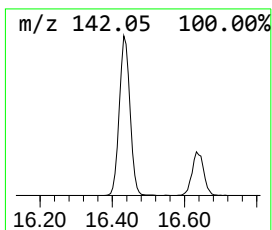
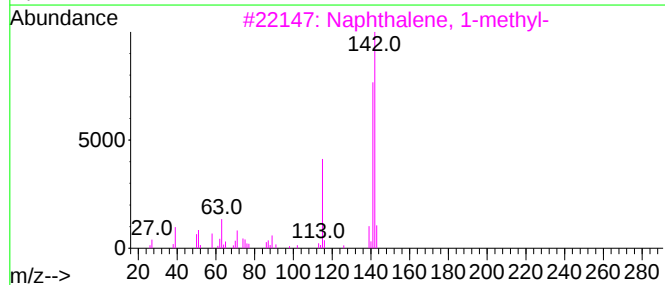
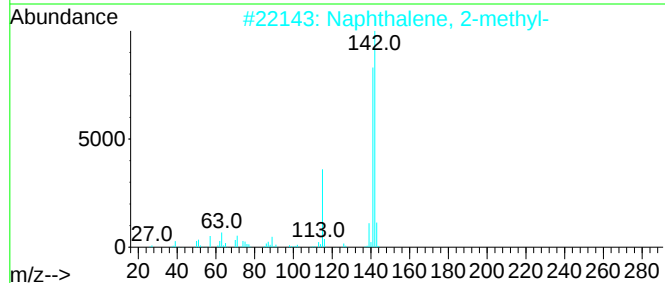
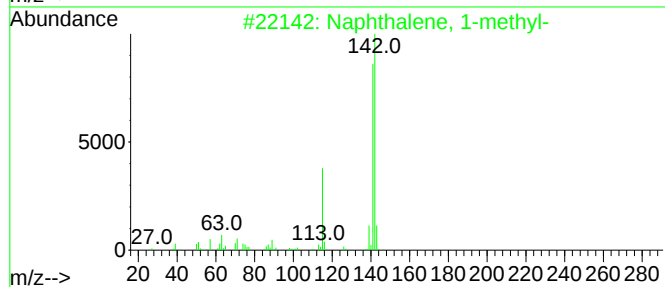
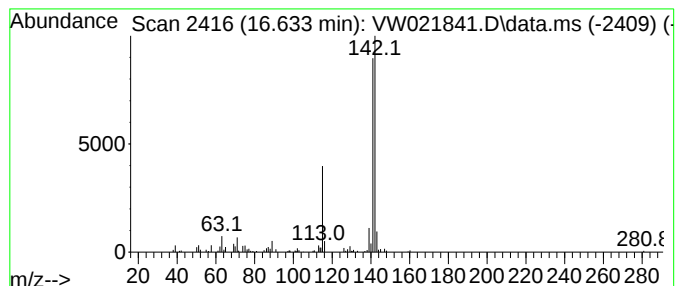
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Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	3.38 ug/L	84901	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021841.D
Acq On : 11 Jan 2022 18:56
Operator : SY/VA
Sample : N1084-11
Misc : 6.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, cyclop...	13.756	1.3	ug/L	31895	3	13.554	628563	25.0
Benzene, 2-ethy...	14.792	1.6	ug/L	39519	3	13.554	628563	25.0
Azulene	15.359	2.9	ug/L	73456	3	13.554	628563	25.0
Naphthalene, 1-...	16.432	10.4	ug/L	262218	3	13.554	628563	25.0
Naphthalene, 2-...	16.633	3.4	ug/L	84901	3	13.554	628563	25.0