

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019111.D
 Acq On : 03 Jun 2021 16:58
 Operator : SY/VA
 Sample : M2596-11
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5Q7

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\SFAMWLM060221SMA.M
 Title : SFAM01.0

Signal : TIC: VW019111.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	65	74	87	rVB	191736	394340	15.78%	1.822%
2	2.501	96	98	105	rVB	3533	5861	0.23%	0.027%
3	2.891	154	162	178	rBV	132856	332594	13.31%	1.537%
4	3.397	234	245	251	rBV5	2346	6615	0.26%	0.031%
5	3.855	311	320	336	rBV5	4892	14848	0.59%	0.069%
6	4.025	336	348	360	rBV	289633	891642	35.67%	4.121%
7	4.141	361	367	377	rVB2	16065	46951	1.88%	0.217%
8	4.385	397	407	408	rBV2	4051	7062	0.28%	0.033%
9	4.922	481	495	513	rBV2	48056	182946	7.32%	0.846%
10	5.434	567	579	590	rBV4	12269	44835	1.79%	0.207%
11	5.799	628	639	645	rBV6	2685	8831	0.35%	0.041%
12	5.952	649	664	674	rBV3	5531	18055	0.72%	0.083%
13	6.994	828	835	842	rBV6	2136	4468	0.18%	0.021%
14	7.086	842	850	855	rBV	46342	127032	5.08%	0.587%
15	7.458	909	911	915	rVV4	2149	3154	0.13%	0.015%
16	7.653	932	943	955	rBV	417315	1022341	40.90%	4.725%
17	7.945	987	991	999	rVB7	2891	8136	0.33%	0.038%
18	8.043	1000	1007	1011	rVB4	2114	4553	0.18%	0.021%
19	8.159	1016	1026	1030	rBV6	2702	8866	0.35%	0.041%
20	8.275	1034	1045	1065	rBV2	845766	2499392	100.00%	11.551%
21	8.500	1076	1082	1089	rVB4	9338	22008	0.88%	0.102%
22	8.695	1109	1114	1123	rVB8	5847	15224	0.61%	0.070%
23	8.848	1129	1139	1149	rBV	796517	1613695	64.56%	7.458%
24	8.921	1149	1151	1155	rBV4	1837	3264	0.13%	0.015%
25	9.073	1170	1176	1182	rVB10	3348	7452	0.30%	0.034%
26	9.274	1200	1209	1218	rBV	555180	1143880	45.77%	5.287%
27	9.598	1261	1262	1270	rVB5	1659	3066	0.12%	0.014%
28	9.677	1270	1275	1278	rBV4	2713	4955	0.20%	0.023%
29	9.768	1284	1290	1295	rBV7	6165	14070	0.56%	0.065%
30	9.854	1299	1304	1307	rBV3	7081	12862	0.51%	0.059%
31	10.037	1326	1334	1345	rVB	288526	526658	21.07%	2.434%
32	10.171	1352	1356	1357	rBV2	3150	3515	0.14%	0.016%
33	10.207	1357	1362	1373	rVV7	11471	29609	1.18%	0.137%
34	10.323	1373	1381	1389	rVV	1193385	2087782	83.53%	9.649%
35	10.390	1389	1392	1401	rVB	12449	20703	0.83%	0.096%
36	10.512	1404	1412	1417	rBV9	3989	11868	0.47%	0.055%

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 Title : SFAM01.0

37	10.579	1417	1423	1435	rVB	181382	312729	12.51%	1.445%
38	10.701	1438	1443	1450	rBV	15649	31459	1.26%	0.145%
39	10.829	1459	1464	1474	rVB7	4313	10026	0.40%	0.046%
40	10.927	1474	1480	1490	rVV	196747	330949	13.24%	1.530%
41	11.018	1492	1495	1498	rVV4	4010	5918	0.24%	0.027%
42	11.067	1498	1503	1512	rVV	20123	39523	1.58%	0.183%
43	11.134	1512	1514	1519	rVV4	1966	3044	0.12%	0.014%
44	11.286	1534	1539	1543	rBV5	1585	2929	0.12%	0.014%
45	11.439	1555	1564	1574	rVB4	8579	20487	0.82%	0.095%
46	11.542	1574	1581	1587	rBV8	2119	4812	0.19%	0.022%
47	11.634	1587	1596	1605	rBV	1022910	1720878	68.85%	7.953%
48	11.731	1605	1612	1619	rVV	166628	267884	10.72%	1.238%
49	11.847	1621	1631	1642	rBV	343802	594122	23.77%	2.746%
50	12.164	1674	1683	1692	rVB	63478	107407	4.30%	0.496%
51	12.243	1692	1696	1703	rVB6	1500	2455	0.10%	0.011%
52	12.365	1709	1716	1721	rVB3	8172	17513	0.70%	0.081%
53	12.463	1726	1732	1738	rBV	45739	75422	3.02%	0.349%
54	12.518	1738	1741	1747	rVB6	2435	3972	0.16%	0.018%
55	12.603	1747	1755	1760	rBV2	22594	46491	1.86%	0.215%
56	12.695	1763	1770	1783	rVB	304883	557421	22.30%	2.576%
57	12.804	1783	1788	1793	rBV	17020	24685	0.99%	0.114%
58	12.865	1793	1798	1801	rBV	88092	143245	5.73%	0.662%
59	12.902	1801	1804	1806	rVB	48176	52048	2.08%	0.241%
60	12.945	1806	1811	1820	rVB	288165	471810	18.88%	2.181%
61	13.042	1820	1827	1831	rBV4	17482	33531	1.34%	0.155%
62	13.103	1831	1837	1845	rVB	258853	409529	16.39%	1.893%
63	13.188	1848	1851	1855	rBV	5295	7554	0.30%	0.035%
64	13.249	1855	1861	1867	rBV	743066	1145261	45.82%	5.293%
65	13.298	1867	1869	1875	rVB3	17066	23503	0.94%	0.109%
66	13.402	1875	1886	1890	rBV6	14094	34153	1.37%	0.158%
67	13.444	1890	1893	1897	rBV3	7521	9532	0.38%	0.044%
68	13.493	1897	1901	1905	rVB	12240	17510	0.70%	0.081%
69	13.560	1905	1912	1915	rBV	851709	1610452	64.43%	7.443%
70	13.646	1924	1926	1932	rVB5	6641	10087	0.40%	0.047%
71	13.755	1938	1944	1953	rVB	329974	575653	23.03%	2.660%
72	13.853	1953	1960	1971	rVB	734253	1178524	47.15%	5.447%
73	13.944	1971	1975	1981	rVB3	9444	15733	0.63%	0.073%
74	14.011	1981	1986	1988	rBV2	16034	27037	1.08%	0.125%
75	14.066	1993	1995	1997	rVV2	14994	19628	0.79%	0.091%
76	14.097	1997	2000	2006	rVB	22685	33903	1.36%	0.157%

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77	14.158	2006	2010	2013	rBV2	5937	8567	0.34%	0.040%
78	14.207	2013	2018	2027	rVB3	35446	60073	2.40%	0.278%
79	14.335	2033	2039	2046	rVB2	13860	27016	1.08%	0.125%
80	14.420	2048	2053	2055	rBV2	9684	15899	0.64%	0.073%
81	14.456	2055	2059	2063	rVB	15075	23718	0.95%	0.110%
82	14.584	2076	2080	2084	rBV7	2497	3344	0.13%	0.015%
83	14.621	2084	2086	2091	rVB5	1923	2816	0.11%	0.013%
84	14.688	2091	2097	2100	rBV2	9541	15198	0.61%	0.070%
85	14.725	2100	2103	2108	rVB3	5057	7129	0.29%	0.033%
86	14.804	2108	2116	2122	rBV3	28908	56332	2.25%	0.260%
87	14.950	2137	2140	2149	rVB8	3845	7164	0.29%	0.033%
88	15.066	2153	2159	2164	rBV8	8393	16523	0.66%	0.076%
89	15.176	2171	2177	2183	rVB6	5596	10734	0.43%	0.050%
90	15.365	2199	2208	2214	rBV	15454	29661	1.19%	0.137%
91	15.432	2214	2219	2224	rVV	12196	20579	0.82%	0.095%
92	15.481	2224	2227	2232	rVB4	2333	4235	0.17%	0.020%
93	15.688	2257	2261	2267	rVB6	1750	3178	0.13%	0.015%
94	15.761	2270	2273	2275	rVV3	1911	2511	0.10%	0.012%
95	15.792	2275	2278	2284	rVV7	2017	4197	0.17%	0.019%
96	15.834	2284	2285	2290	rVV5	1748	2429	0.10%	0.011%
97	16.249	2345	2353	2360	rVV4	39693	82533	3.30%	0.381%
98	16.377	2372	2374	2379	rVV4	1673	2790	0.11%	0.013%
99	16.511	2391	2396	2401	rBV8	4193	7098	0.28%	0.033%
100	16.584	2401	2408	2415	rBV3	33642	71810	2.87%	0.332%

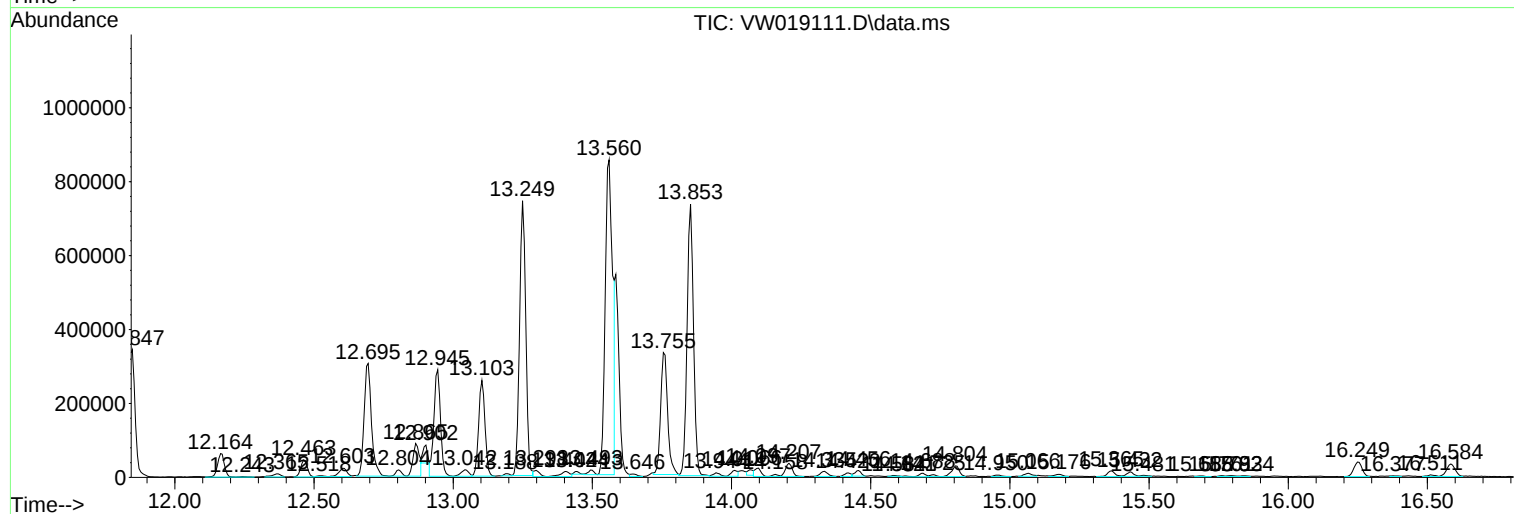
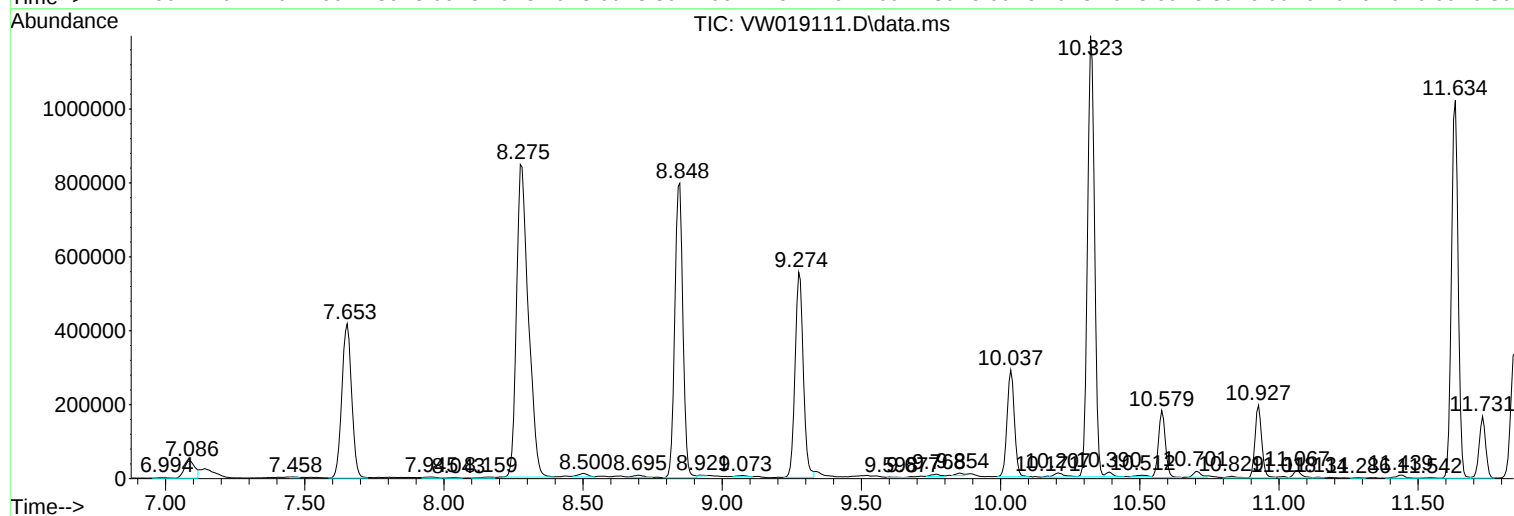
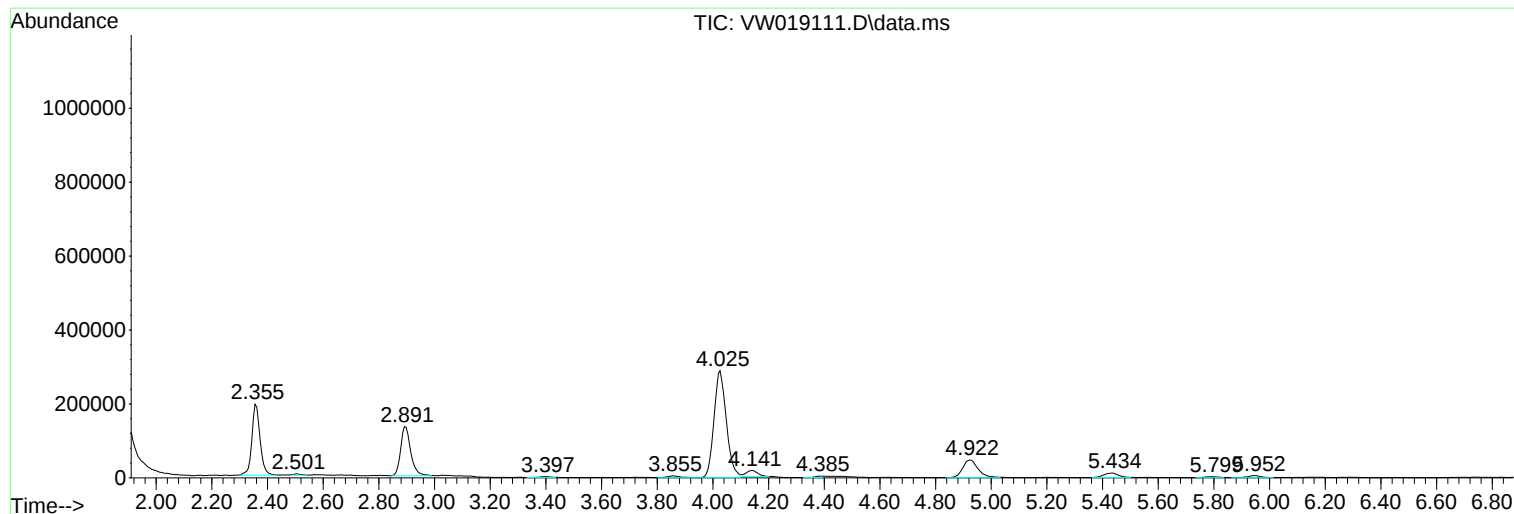
Sum of corrected areas: 21637486

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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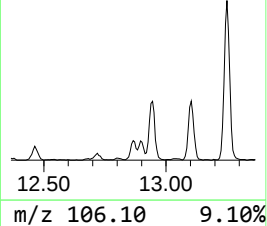
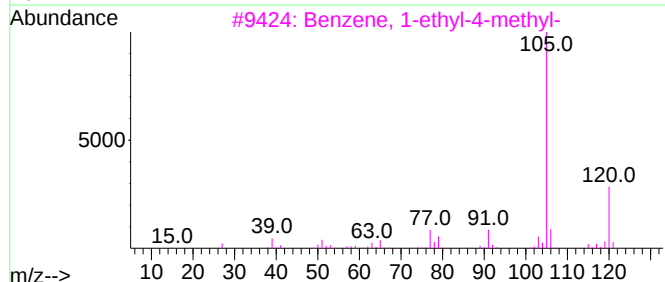
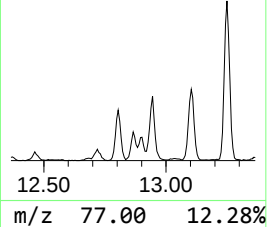
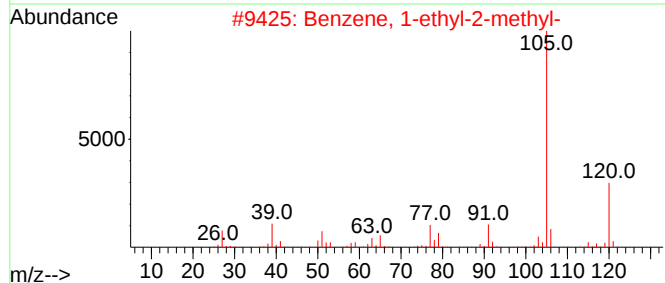
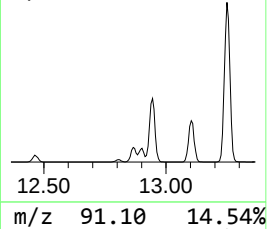
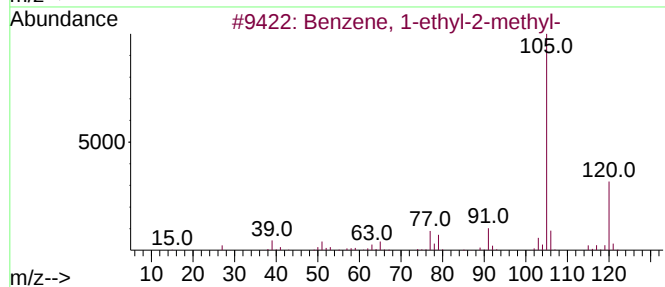
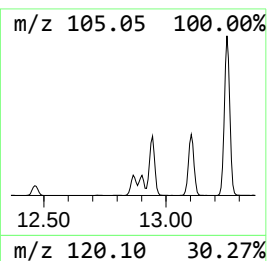
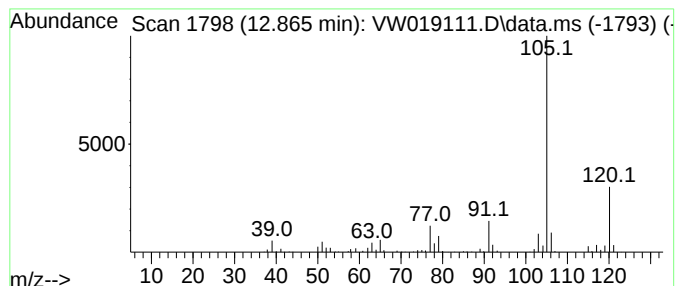
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	2.22 ug/L	143245	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Mesitylene	120	C9H12	000108-67-8	91



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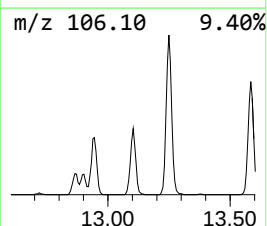
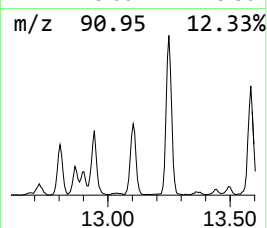
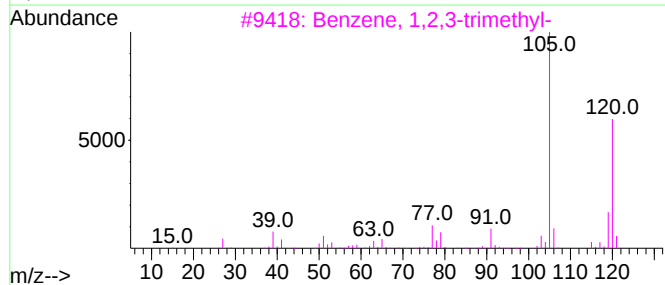
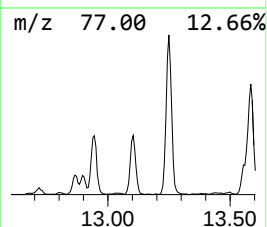
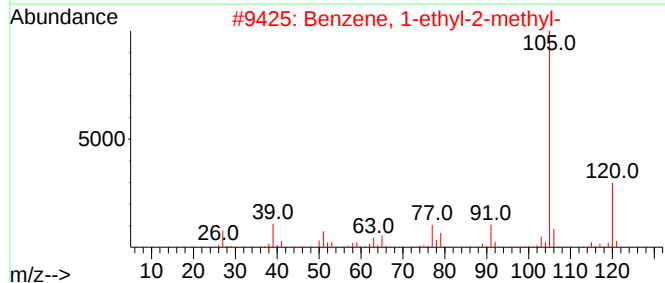
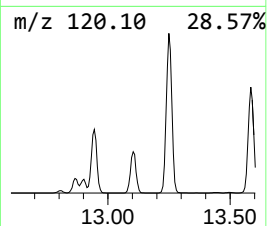
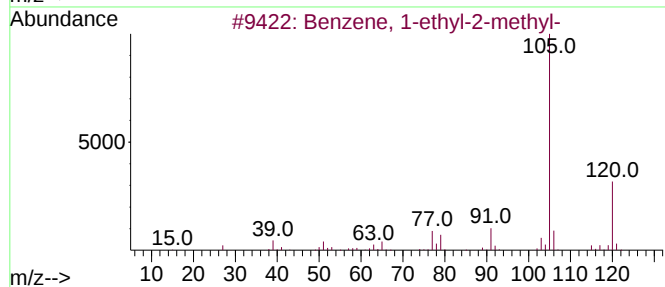
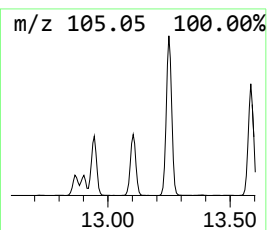
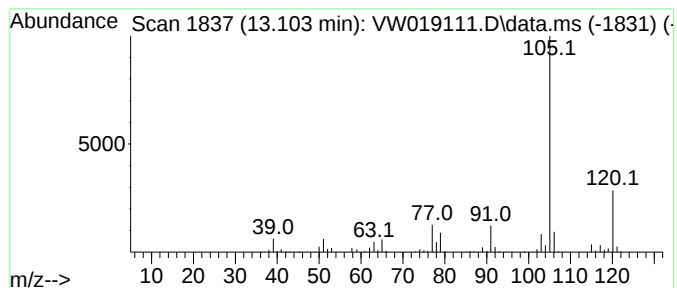
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	6.36 ug/L	409529	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



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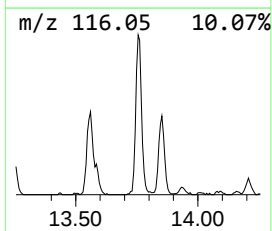
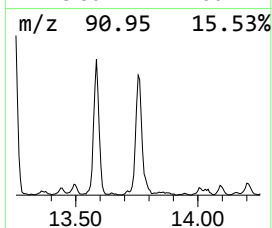
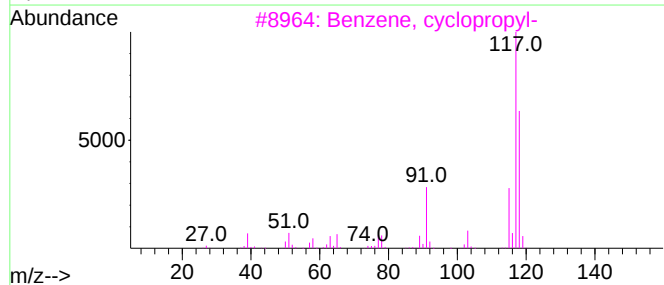
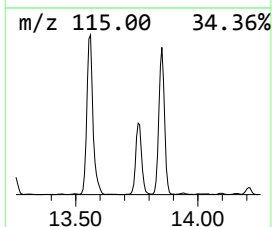
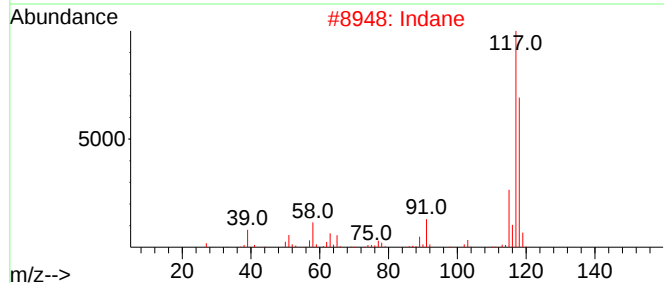
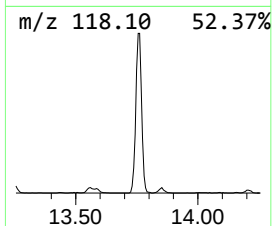
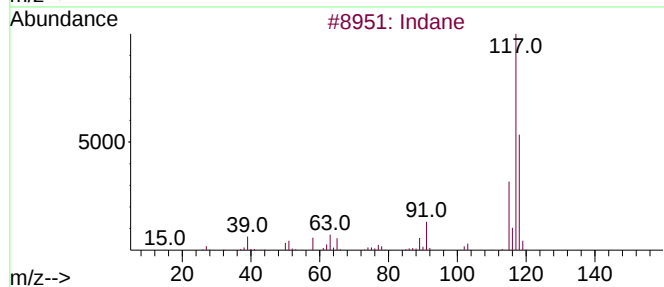
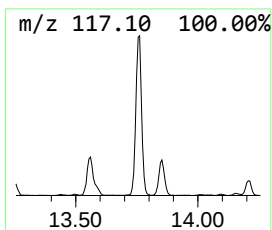
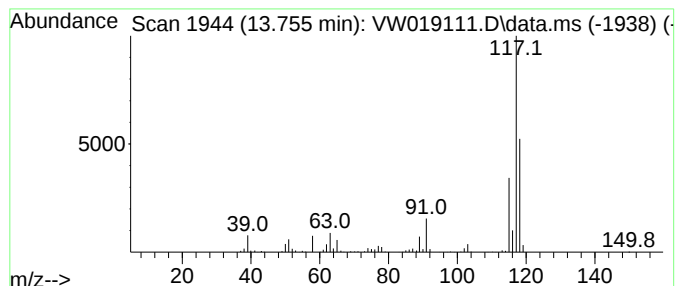
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	8.94 ug/L	575653	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Indane			118	C9H10	000496-11-7	72
3	Benzene, cyclopropyl-			118	C9H10	000873-49-4	64
4	Indane			118	C9H10	000496-11-7	60
5	Benzene, 1,1'-(1,5-hexadiene-1,6...			234	C18H18	004439-45-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019111.D
Acq On : 03 Jun 2021 16:58
Operator : SY/VA
Sample : M2596-11
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q7

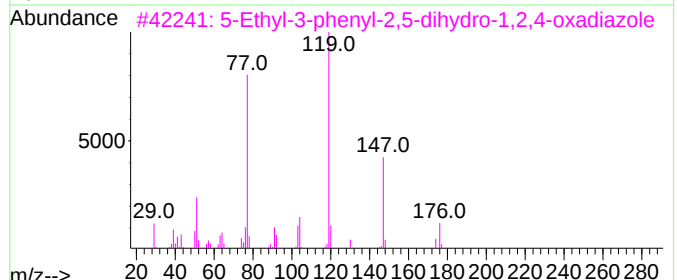
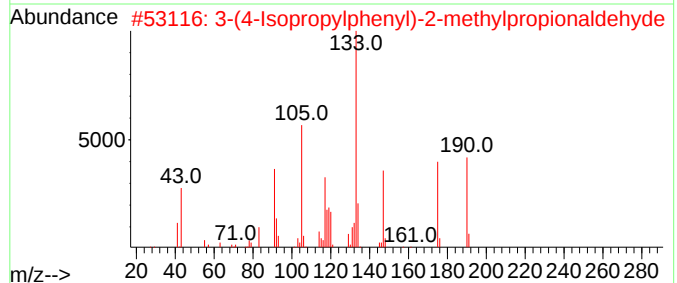
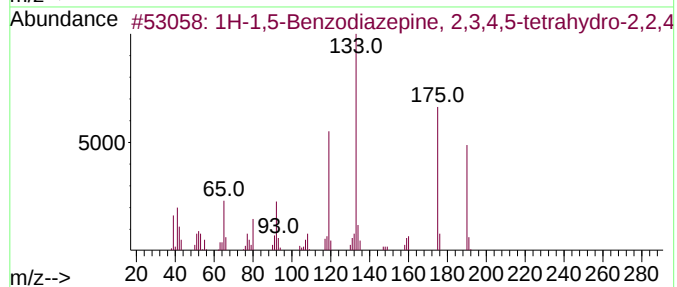
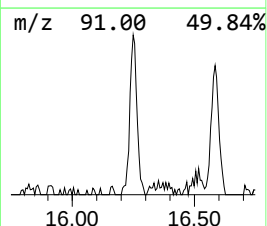
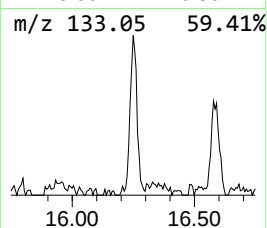
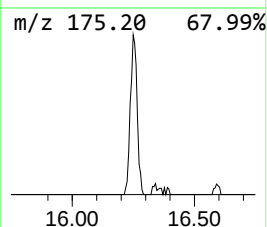
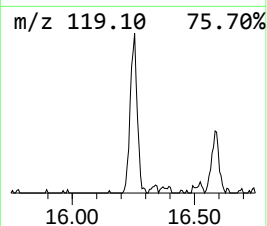
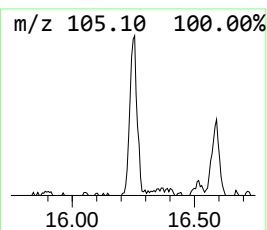
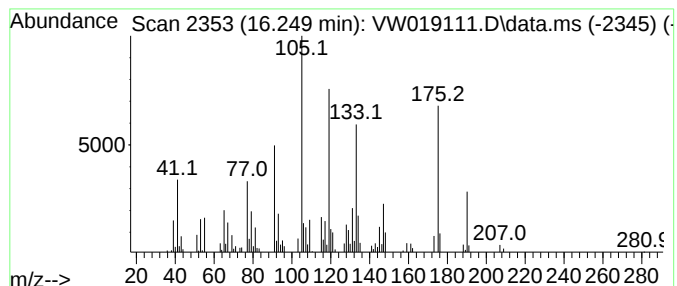
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.249	1.28 ug/L	82533	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-1,5-Benzodiazepine, 2,3,4,5-t...	190	C12H18N2	040358-38-1	43
2			3-(4-Isopropylphenyl)-2-methylpr...	190	C13H18O	000103-95-7	41
3			5-Ethyl-3-phenyl-2,5-dihydro-1,2...	176	C10H12N2O	037467-27-9	35
4			Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	35
5			2,3,3,4,7-Pentamethyl-2,3-dihydr...	190	C13H18O	1000189-42-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019111.D
Acq On : 03 Jun 2021 16:58
Operator : SY/VA
Sample : M2596-11
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5Q7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.865	2.2	ug/L	143245	3	13.560	1610450	25.0
Benzene, 1,2,3-...	13.103	6.4	ug/L	409529	3	13.560	1610450	25.0
Indane	13.755	8.9	ug/L	575653	3	13.560	1610450	25.0
unknown-01	16.249	1.3	ug/L	82533	3	13.560	1610450	25.0