

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022020.D
 Acq On : 01 Feb 2022 22:44
 Operator : SY/VA
 Sample : N1353-10
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0VF3

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: VW022020.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	85	rVB	44532	74144	1.43%	0.506%
2	2.885	155	161	169	rVB	28204	56230	1.08%	0.384%
3	3.379	240	242	243	rBV2	415	201	0.00%	0.001%
4	3.483	257	259	264	rVB	207	273	0.01%	0.002%
5	3.910	326	329	330	rBV	200	177	0.00%	0.001%
6	4.019	336	347	359	rBV	58948	165145	3.18%	1.127%
7	4.141	361	367	376	rVB	4403	11642	0.22%	0.079%
8	4.263	385	387	393	rVB2	793	1017	0.02%	0.007%
9	4.422	407	413	414	rBV2	940	1346	0.03%	0.009%
10	4.580	438	439	441	rBV2	194	163	0.00%	0.001%
11	4.635	444	448	449	rBV2	295	397	0.01%	0.003%
12	4.678	453	455	457	rVB	302	203	0.00%	0.001%
13	4.708	457	460	461	rBV2	283	290	0.01%	0.002%
14	4.763	467	469	473	rVB	199	219	0.00%	0.001%
15	4.916	487	494	504	rBV6	2192	7136	0.14%	0.049%
16	5.007	508	509	512	rBV2	231	164	0.00%	0.001%
17	5.092	515	523	524	rBV2	586	897	0.02%	0.006%
18	5.415	572	576	577	rBV3	478	737	0.01%	0.005%
19	5.501	587	590	592	rBV2	285	226	0.00%	0.002%
20	5.751	630	631	635	rBV2	318	377	0.01%	0.003%
21	5.842	643	646	647	rBV2	182	164	0.00%	0.001%
22	5.934	657	661	662	rBV2	586	685	0.01%	0.005%
23	6.245	711	712	717	rVB	255	323	0.01%	0.002%
24	6.287	717	719	722	rBV	209	234	0.00%	0.002%
25	6.330	722	726	727	rBV2	175	177	0.00%	0.001%
26	6.434	740	743	744	rBV2	158	183	0.00%	0.001%
27	6.470	747	749	751	rVB2	230	159	0.00%	0.001%
28	6.531	757	759	763	rBV2	139	188	0.00%	0.001%
29	6.580	765	767	769	rBV	383	354	0.01%	0.002%
30	7.086	840	850	854	rBV	9258	25554	0.49%	0.174%
31	7.647	932	942	956	rVB	75571	190762	3.67%	1.302%
32	7.848	974	975	977	rBV	248	217	0.00%	0.001%
33	7.952	986	992	993	rBV2	438	546	0.01%	0.004%
34	8.013	1000	1002	1005	rVB2	347	339	0.01%	0.002%
35	8.061	1008	1010	1016	rVV	223	394	0.01%	0.003%
36	8.135	1020	1022	1025	rVB	167	188	0.00%	0.001%

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

37	8.165	1025	1027	1029	rBV	241	214	0.00%	0.001%
38	8.275	1035	1045	1060	rBV2	151491	453022	8.72%	3.093%
39	8.683	1110	1112	1115	rBV2	505	501	0.01%	0.003%
40	8.842	1129	1138	1153	rBV	198297	391205	7.53%	2.671%
41	8.970	1157	1159	1162	rVB2	265	234	0.00%	0.002%
42	8.994	1162	1163	1164	rBV2	295	182	0.00%	0.001%
43	9.043	1167	1171	1175	rBV4	614	1052	0.02%	0.007%
44	9.275	1200	1209	1223	rBV	100335	203142	3.91%	1.387%
45	9.525	1248	1250	1254	rVB2	327	401	0.01%	0.003%
46	9.567	1254	1257	1259	rBV	443	509	0.01%	0.003%
47	9.683	1269	1276	1282	rBV4	921	1993	0.04%	0.014%
48	9.756	1285	1288	1291	rBV2	545	808	0.02%	0.006%
49	9.951	1316	1320	1327	rBV3	2504	6461	0.12%	0.044%
50	10.037	1328	1334	1340	rVV	52041	89977	1.73%	0.614%
51	10.207	1354	1362	1373	rBV	213840	378774	7.29%	2.586%
52	10.323	1374	1381	1386	rVV	243868	431968	8.32%	2.949%
53	10.390	1386	1392	1405	rVB	831332	1477262	28.44%	10.085%
54	10.506	1405	1411	1416	rVB2	10154	17406	0.34%	0.119%
55	10.579	1416	1423	1432	rBV	33999	59889	1.15%	0.409%
56	10.665	1432	1437	1439	rBV3	4053	7244	0.14%	0.049%
57	10.701	1440	1443	1449	rVB2	13111	19601	0.38%	0.134%
58	10.762	1449	1453	1462	rVB5	4452	8431	0.16%	0.058%
59	10.841	1462	1466	1472	rVB4	1683	2801	0.05%	0.019%
60	10.927	1473	1480	1491	rBV	40999	73278	1.41%	0.500%
61	11.061	1494	1502	1506	rBV4	6528	12353	0.24%	0.084%
62	11.110	1507	1510	1513	rBV2	3172	3766	0.07%	0.026%
63	11.232	1526	1530	1535	rVB3	5375	9042	0.17%	0.062%
64	11.280	1535	1538	1542	rBV4	845	1310	0.03%	0.009%
65	11.335	1544	1547	1552	rVV3	3546	6020	0.12%	0.041%
66	11.433	1556	1563	1571	rVV6	18770	44466	0.86%	0.304%
67	11.512	1571	1576	1581	rVB	6054	9586	0.18%	0.065%
68	11.628	1588	1595	1601	rBV	268469	465195	8.96%	3.176%
69	11.731	1606	1612	1621	rVV	728533	1208140	23.26%	8.248%
70	11.835	1621	1629	1639	rVV	2854413	5194303	100.00%	35.462%
71	12.164	1672	1683	1691	rBV	1186805	1906798	36.71%	13.018%
72	12.463	1727	1732	1737	rBV	14919	23955	0.46%	0.164%
73	12.603	1749	1755	1761	rBV	80443	125515	2.42%	0.857%
74	12.689	1763	1769	1777	rVB	75599	123562	2.38%	0.844%
75	12.804	1784	1788	1792	rVB	13220	20121	0.39%	0.137%
76	12.865	1792	1798	1801	rBV	66723	107816	2.08%	0.736%

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 Title : SFAM01.0

77	12.939	1806	1810	1817	rVB	49602	82874	1.60%	0.566%
78	13.103	1830	1837	1843	rBV	31310	53169	1.02%	0.363%
79	13.249	1855	1861	1865	rBV	96205	148581	2.86%	1.014%
80	13.554	1905	1911	1924	rBV2	282261	488048	9.40%	3.332%
81	13.719	1934	1938	1939	rBV3	2528	3628	0.07%	0.025%
82	13.749	1939	1943	1947	rBV4	8135	14582	0.28%	0.100%
83	13.847	1953	1959	1972	rVB	187685	330108	6.36%	2.254%
84	14.012	1982	1986	1988	rBV4	3661	5969	0.11%	0.041%
85	14.066	1991	1995	2004	rVB3	26870	58111	1.12%	0.397%
86	14.194	2013	2016	2021	rBV4	1586	2408	0.05%	0.016%
87	14.670	2092	2094	2095	rBV2	329	175	0.00%	0.001%
88	14.719	2098	2102	2109	rVB3	3314	4748	0.09%	0.032%
89	15.066	2155	2159	2160	rBV2	516	601	0.01%	0.004%
90	15.084	2160	2162	2164	rBV2	367	313	0.01%	0.002%
91	15.182	2176	2178	2180	rBV	311	282	0.01%	0.002%
92	15.365	2203	2208	2210	rBV3	691	1216	0.02%	0.008%
93	15.432	2214	2219	2224	rVV	11380	18835	0.36%	0.129%
94	15.493	2224	2229	2235	rVB4	1084	2172	0.04%	0.015%
95	15.651	2253	2255	2257	rBV	370	496	0.01%	0.003%
96	15.731	2266	2268	2270	rBV	248	220	0.00%	0.002%
97	16.292	2358	2360	2364	rVB2	329	358	0.01%	0.002%
98	16.340	2364	2368	2369	rBV2	362	382	0.01%	0.003%
99	16.407	2377	2379	2381	rBV	253	210	0.00%	0.001%
100	16.572	2404	2406	2407	rBV	201	165	0.00%	0.001%

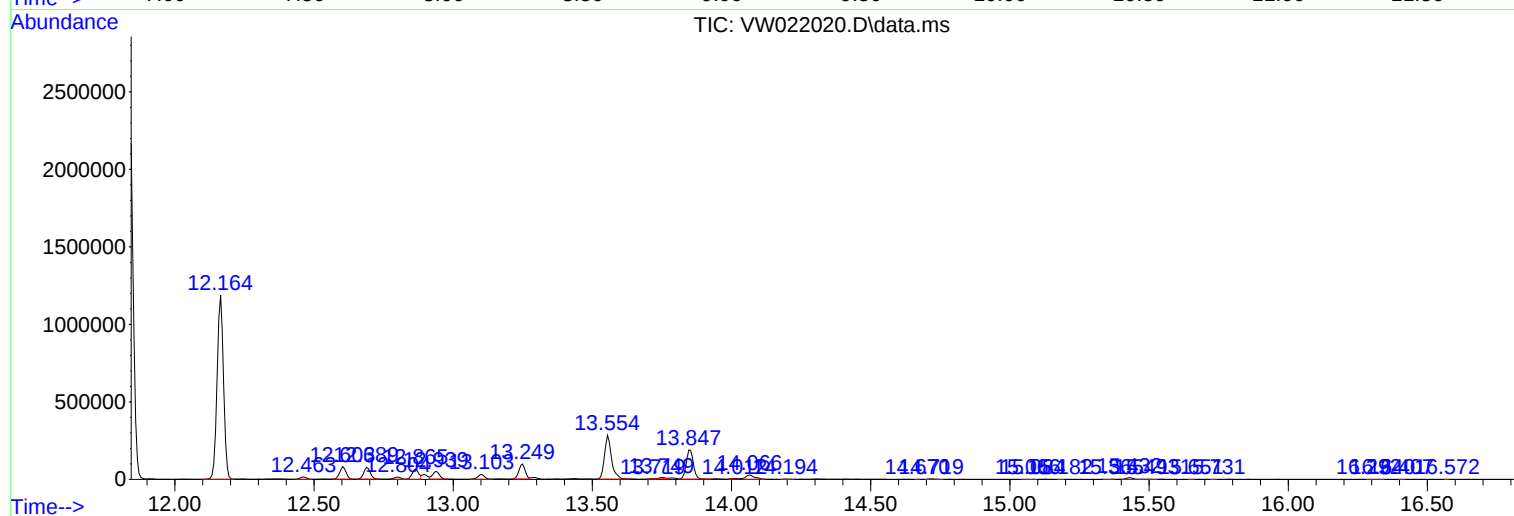
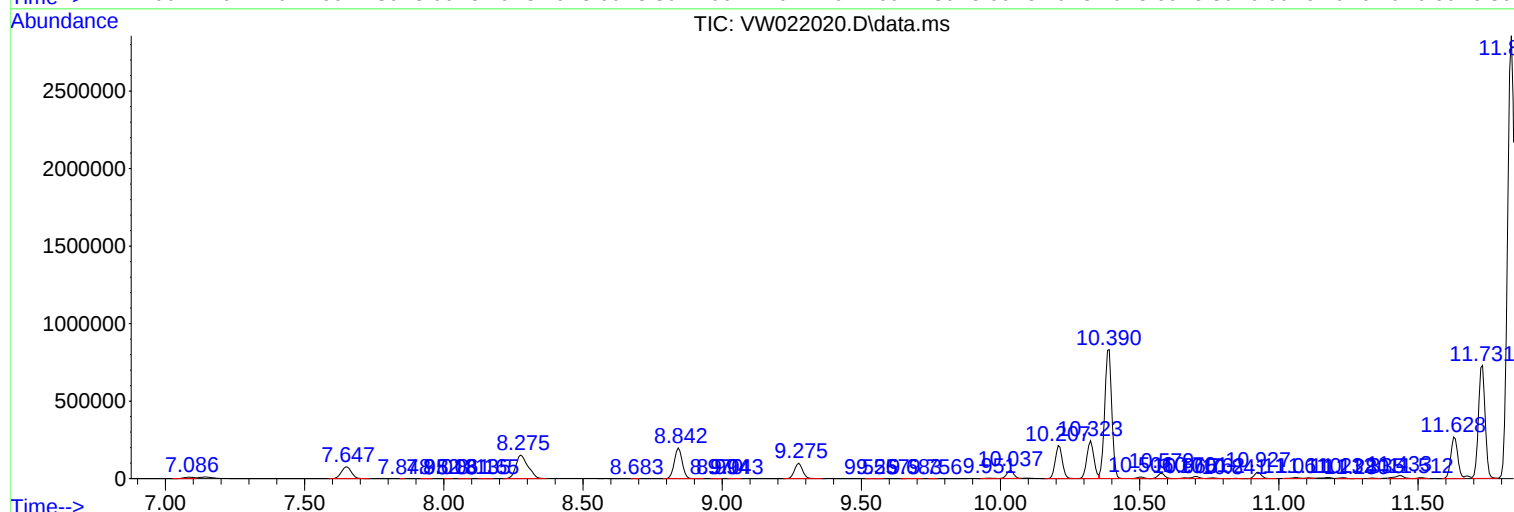
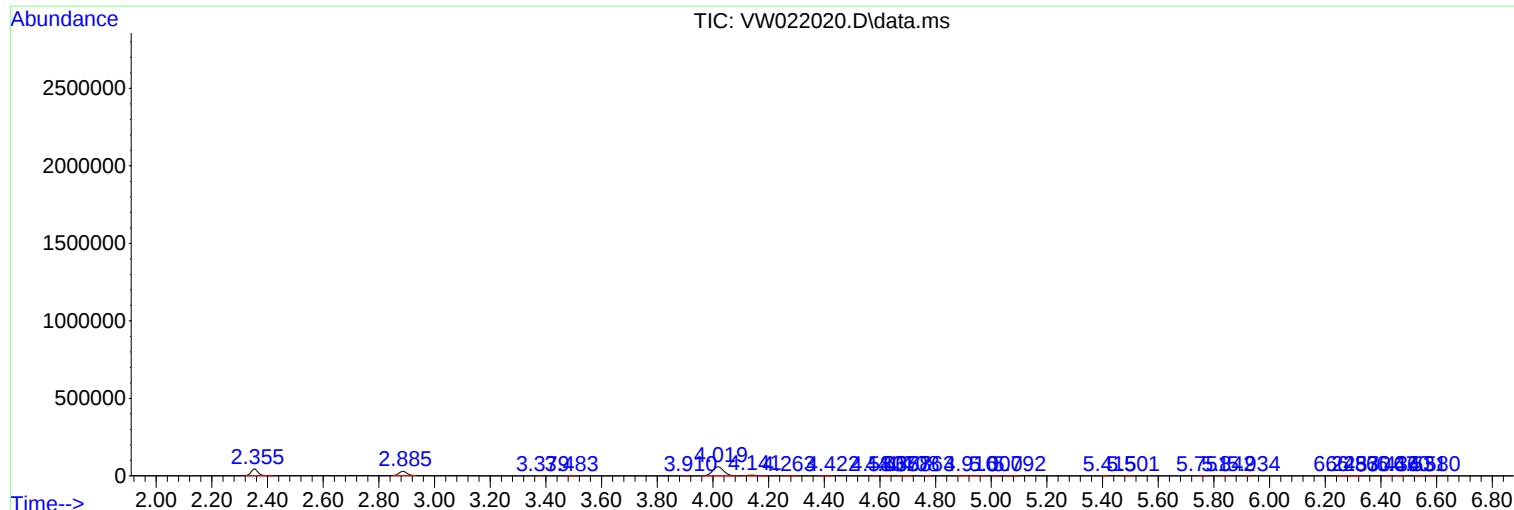
Sum of corrected areas: 14647405

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Quant Title : SFAM01.0

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



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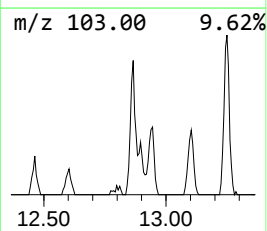
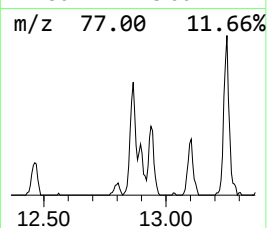
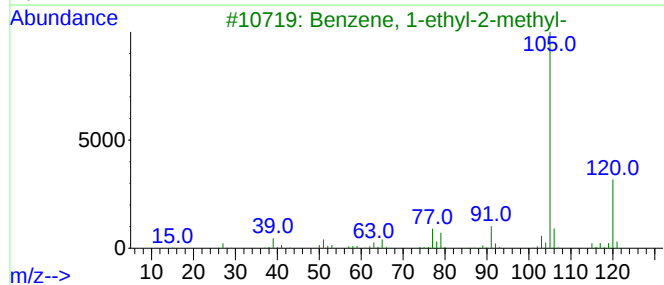
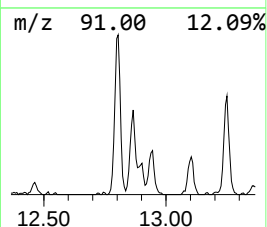
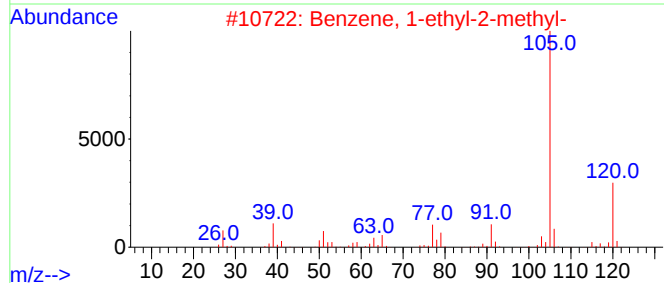
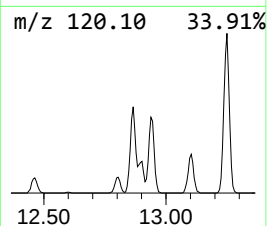
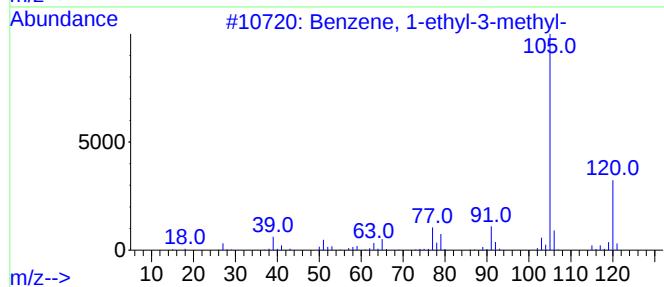
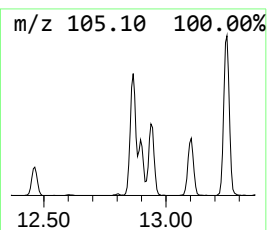
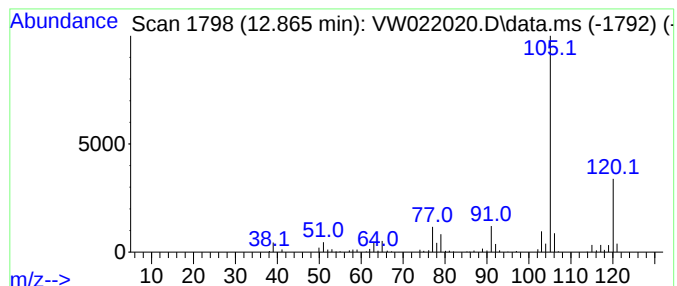
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	5.52 ug/L	107816	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	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Mesitylene	120	C9H12	000108-67-8	91



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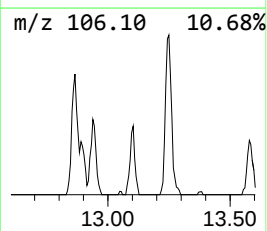
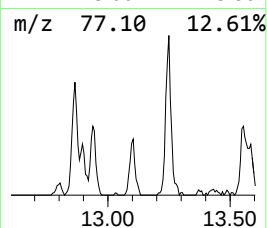
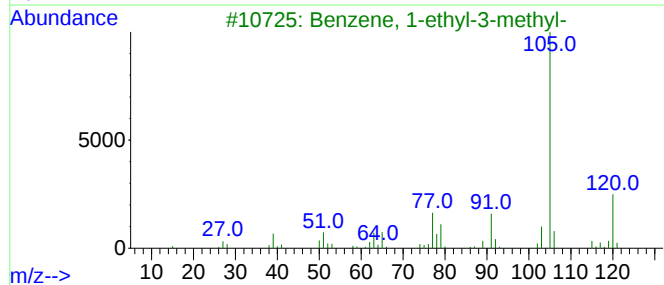
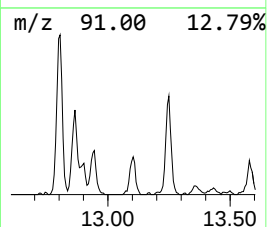
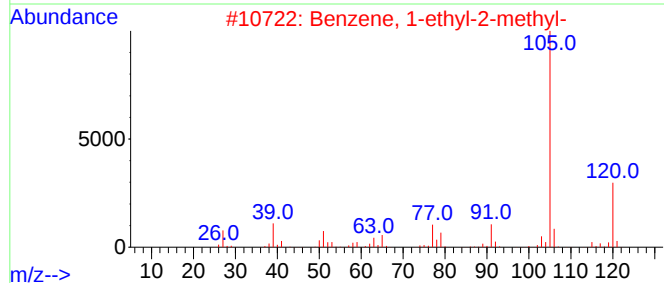
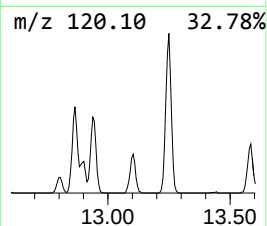
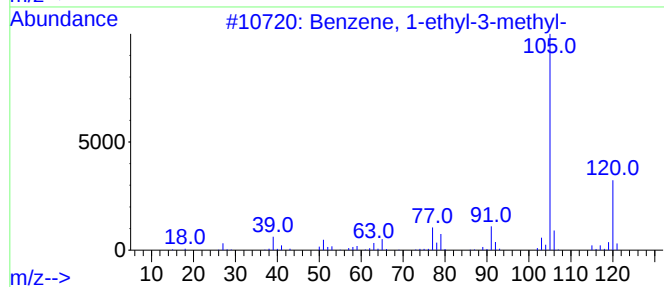
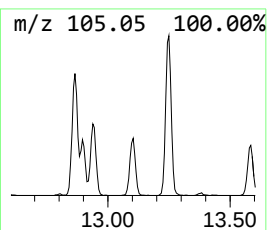
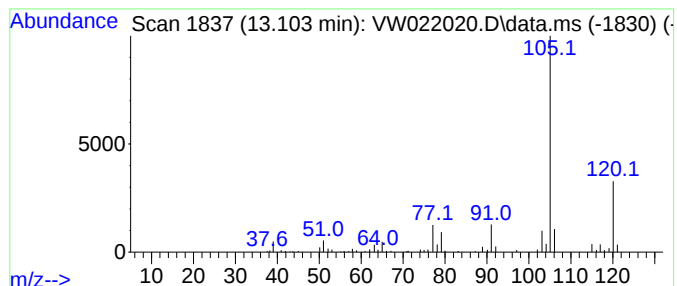
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	2.72 ug/L	53169	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	91
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



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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
Benzene, 1-ethy...	12.865	5.5	ug/L	107816	3	13.554	488048	25.0
Benzene, 1-ethy...	13.103	2.7	ug/L	53169	3	13.554	488048	25.0