

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018909.D
 Acq On : 03 May 2021 19:21
 Operator : SY/VA
 Sample : M2209-20
 Misc : 4.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7F6

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\SFAMWLM042921SMA.M
 Title : SFAM01.0

Signal : TIC: VW018909.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	10	15	25	rVB	16597	38177	0.04%	0.019%
2	2.154	36	41	44	rBV	10927	20032	0.02%	0.010%
3	2.209	44	50	52	rBV4	7157	15743	0.02%	0.008%
4	2.318	63	68	70	rBV	29667	45013	0.04%	0.022%
5	2.355	70	74	93	rVB	122194	279860	0.28%	0.140%
6	2.495	94	97	102	rVV3	7191	13400	0.01%	0.007%
7	2.891	155	162	179	rVB	92685	239519	0.24%	0.120%
8	3.379	239	242	251	rVB4	2112	3988	0.00%	0.002%
9	4.031	336	349	362	rBV3	217372	817423	0.80%	0.408%
10	4.214	375	379	388	rVB5	3005	8080	0.01%	0.004%
11	4.391	397	408	428	rBV2	99051	339814	0.33%	0.170%
12	4.922	482	495	516	rBV2	33477	133340	0.13%	0.067%
13	5.428	564	578	593	rBV2	31554	111746	0.11%	0.056%
14	5.787	628	637	649	rVB5	4902	16628	0.02%	0.008%
15	5.940	651	662	674	rVB4	7215	21661	0.02%	0.011%
16	6.903	810	820	822	rBV6	2411	5383	0.01%	0.003%
17	7.086	840	850	855	rBV	40919	111480	0.11%	0.056%
18	7.165	855	863	874	rVV2	84162	272915	0.27%	0.136%
19	7.537	920	924	929	rBV6	1292	2748	0.00%	0.001%
20	7.647	932	942	955	rBV	312783	763553	0.75%	0.381%
21	8.275	1032	1045	1049	rBV	630898	1534219	1.51%	0.766%
22	8.561	1085	1092	1100	rVB4	9708	23745	0.02%	0.012%
23	8.707	1108	1116	1124	rBV7	5137	14251	0.01%	0.007%
24	8.842	1129	1138	1153	rVB	673034	1342143	1.32%	0.670%
25	9.092	1168	1179	1199	rBV	18085694	35122482	34.56%	17.541%
26	9.274	1201	1209	1218	rBV	384035	758770	0.75%	0.379%
27	9.409	1228	1231	1242	rVB7	3172	7733	0.01%	0.004%
28	9.756	1284	1288	1293	rBV3	2848	5437	0.01%	0.003%
29	9.890	1304	1310	1318	rVB6	5102	10931	0.01%	0.005%
30	10.036	1327	1334	1351	rVB	195249	360880	0.36%	0.180%
31	10.219	1357	1364	1367	rBV4	4409	9996	0.01%	0.005%
32	10.323	1373	1381	1388	rBV	784556	1433463	1.41%	0.716%
33	10.390	1388	1392	1399	rVB	26216	49223	0.05%	0.025%
34	10.579	1417	1423	1431	rBV	113331	197307	0.19%	0.099%
35	10.719	1441	1446	1452	rBV2	23914	38590	0.04%	0.019%
36	10.786	1452	1457	1458	rBV4	5347	8211	0.01%	0.004%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Title : SFAM01.0

37	10.860	1460	1469	1477	rBV	45556673	101637491	100.00%	50.760%
38	10.951	1480	1484	1488	rVB	38429267	47508268	46.74%	23.726%
39	11.067	1500	1503	1511	rVB7	21616	41893	0.04%	0.021%
40	11.439	1559	1564	1572	rVB	21841	41484	0.04%	0.021%
41	11.634	1589	1596	1607	rVB	720897	1189646	1.17%	0.594%
42	11.731	1607	1612	1617	rBV2	8763	14576	0.01%	0.007%
43	11.835	1623	1629	1634	rBV2	37627	71309	0.07%	0.036%
44	12.042	1658	1663	1668	rVB3	4784	8959	0.01%	0.004%
45	12.164	1672	1683	1692	rBV4	25917	72362	0.07%	0.036%
46	12.310	1701	1707	1708	rBV5	4733	8879	0.01%	0.004%
47	12.341	1708	1712	1716	rVV2	21374	33380	0.03%	0.017%
48	12.384	1716	1719	1723	rVV2	9583	12534	0.01%	0.006%
49	12.469	1728	1733	1739	rVB3	10943	21254	0.02%	0.011%
50	12.560	1745	1748	1750	rBV4	3622	5257	0.01%	0.003%
51	12.609	1750	1756	1763	rVB2	33544	57459	0.06%	0.029%
52	12.695	1763	1770	1776	rBV	220949	366811	0.36%	0.183%
53	12.804	1778	1788	1793	rVV	29099	66773	0.07%	0.033%
54	12.865	1793	1798	1802	rVV	80848	140337	0.14%	0.070%
55	12.902	1802	1804	1806	rVV	40150	46409	0.05%	0.023%
56	12.945	1806	1811	1820	rVV	95243	174603	0.17%	0.087%
57	13.030	1823	1825	1830	rVV6	3770	5713	0.01%	0.003%
58	13.103	1830	1837	1843	rVV	37656	64644	0.06%	0.032%
59	13.182	1844	1850	1855	rVV8	11749	27189	0.03%	0.014%
60	13.249	1855	1861	1866	rVV	240696	381632	0.38%	0.191%
61	13.298	1866	1869	1874	rVV2	14636	23141	0.02%	0.012%
62	13.377	1876	1882	1889	rVV4	21256	62005	0.06%	0.031%
63	13.438	1889	1892	1898	rVV	32695	66586	0.07%	0.033%
64	13.499	1898	1902	1906	rVV	26435	45634	0.04%	0.023%
65	13.560	1906	1912	1924	rVV2	528846	1090664	1.07%	0.545%
66	13.646	1924	1926	1931	rVV4	6304	10327	0.01%	0.005%
67	13.719	1931	1938	1939	rVV3	26925	37939	0.04%	0.019%
68	13.749	1939	1943	1946	rVV2	91236	154315	0.15%	0.077%
69	13.792	1946	1950	1954	rVV2	104128	197455	0.19%	0.099%
70	13.853	1954	1960	1970	rVV2	409547	824108	0.81%	0.412%
71	13.950	1971	1976	1981	rVV	45029	73727	0.07%	0.037%
72	14.011	1981	1986	1988	rVV	68089	113583	0.11%	0.057%
73	14.042	1988	1991	1995	rVV	73629	124012	0.12%	0.062%
74	14.097	1995	2000	2005	rVV	120217	198067	0.19%	0.099%
75	14.158	2005	2010	2012	rVV2	17021	26781	0.03%	0.013%
76	14.200	2012	2017	2022	rVV3	81172	142250	0.14%	0.071%

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Integrator: RTE

Smoother: OFF

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 Title : SFAM01.0

77	14.267	2022	2028	2034	rVV6	15598	48426	0.05%	0.024%
78	14.335	2034	2039	2044	rVV2	54345	93528	0.09%	0.047%
79	14.420	2044	2053	2055	rVV	69235	126968	0.12%	0.063%
80	14.456	2055	2059	2063	rVV	100412	159151	0.16%	0.079%
81	14.499	2063	2066	2070	rVV2	19495	31128	0.03%	0.016%
82	14.536	2070	2072	2076	rVV	11755	17043	0.02%	0.009%
83	14.572	2076	2078	2081	rVV	4444	4716	0.00%	0.002%
84	14.639	2081	2089	2092	rVV5	9253	19794	0.02%	0.010%
85	14.688	2092	2097	2101	rVV	30529	52964	0.05%	0.026%
86	14.725	2101	2103	2108	rVB3	12865	17003	0.02%	0.008%
87	14.792	2108	2114	2122	rBV2	66278	150223	0.15%	0.075%
88	14.853	2122	2124	2130	rVB3	4771	8199	0.01%	0.004%
89	14.956	2136	2141	2146	rBV3	9587	14936	0.01%	0.007%
90	15.005	2146	2149	2152	rVV4	2220	2899	0.00%	0.001%
91	15.066	2153	2159	2168	rVV5	8741	22325	0.02%	0.011%
92	15.170	2170	2176	2184	rVB8	6435	14980	0.01%	0.007%
93	15.304	2195	2198	2201	rBV4	1809	2761	0.00%	0.001%
94	15.365	2201	2208	2213	rBV	18261	32780	0.03%	0.016%
95	15.432	2214	2219	2224	rVB	18376	27434	0.03%	0.014%
96	15.682	2257	2260	2265	rVB6	2364	4391	0.00%	0.002%
97	15.767	2269	2274	2276	rBV5	2648	4878	0.00%	0.002%
98	15.840	2283	2286	2290	rBV5	2053	3029	0.00%	0.002%
99	15.877	2290	2292	2299	rVB6	1599	2656	0.00%	0.001%
100	15.950	2299	2304	2307	rBV5	1810	3403	0.00%	0.002%

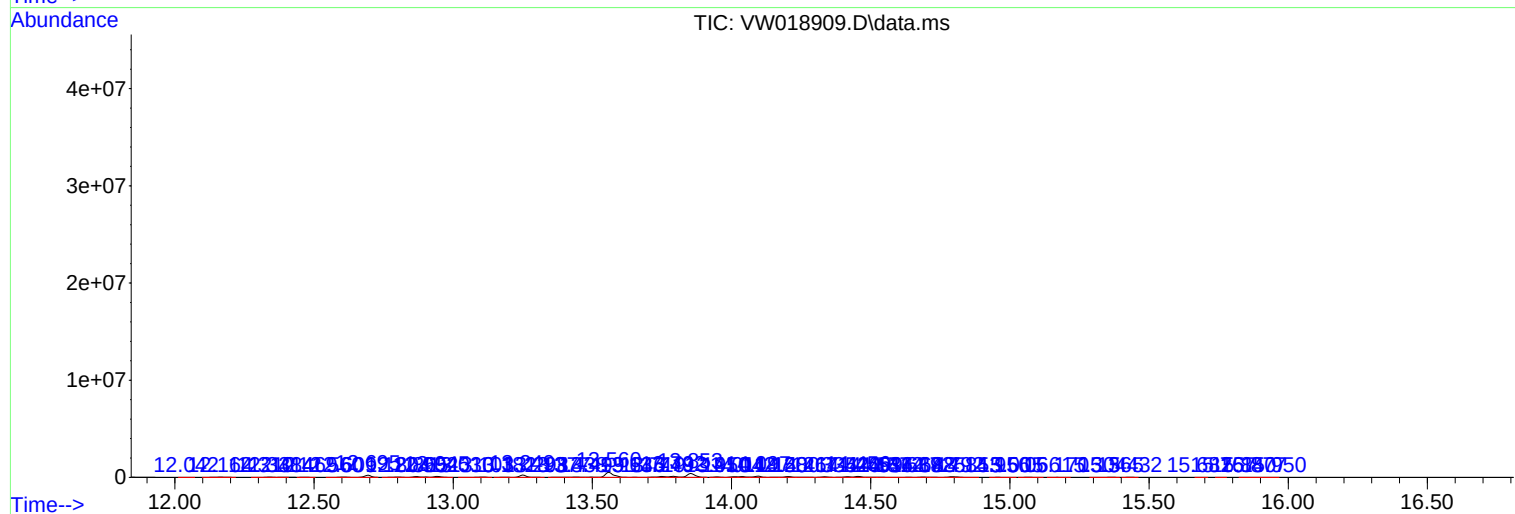
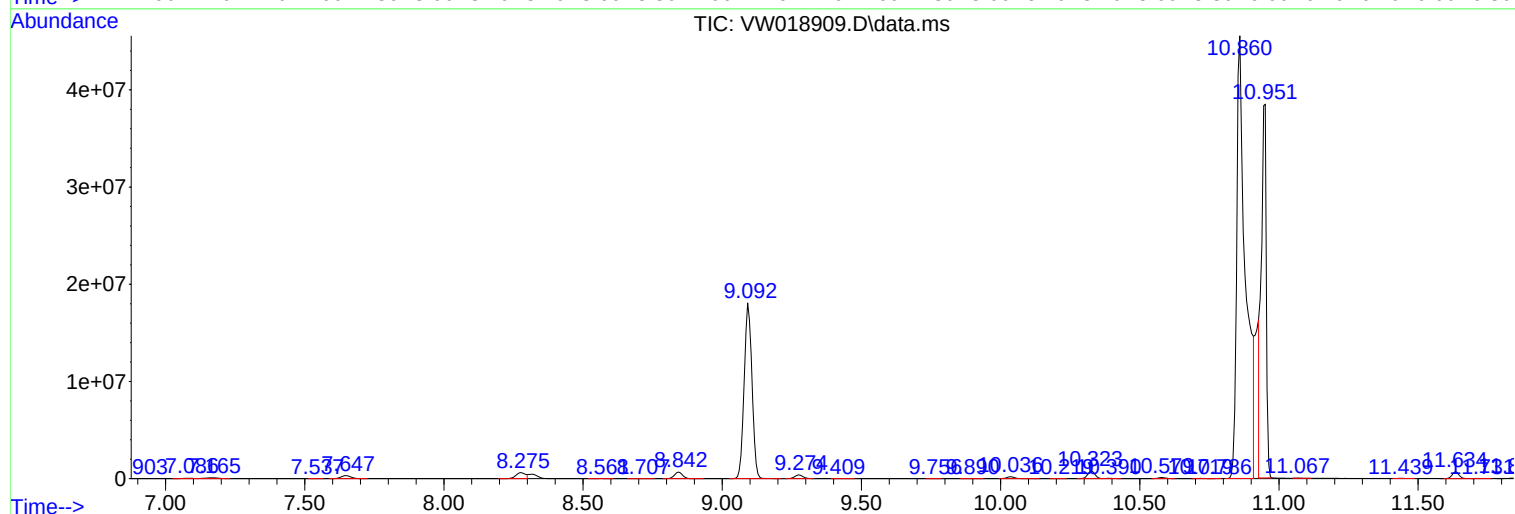
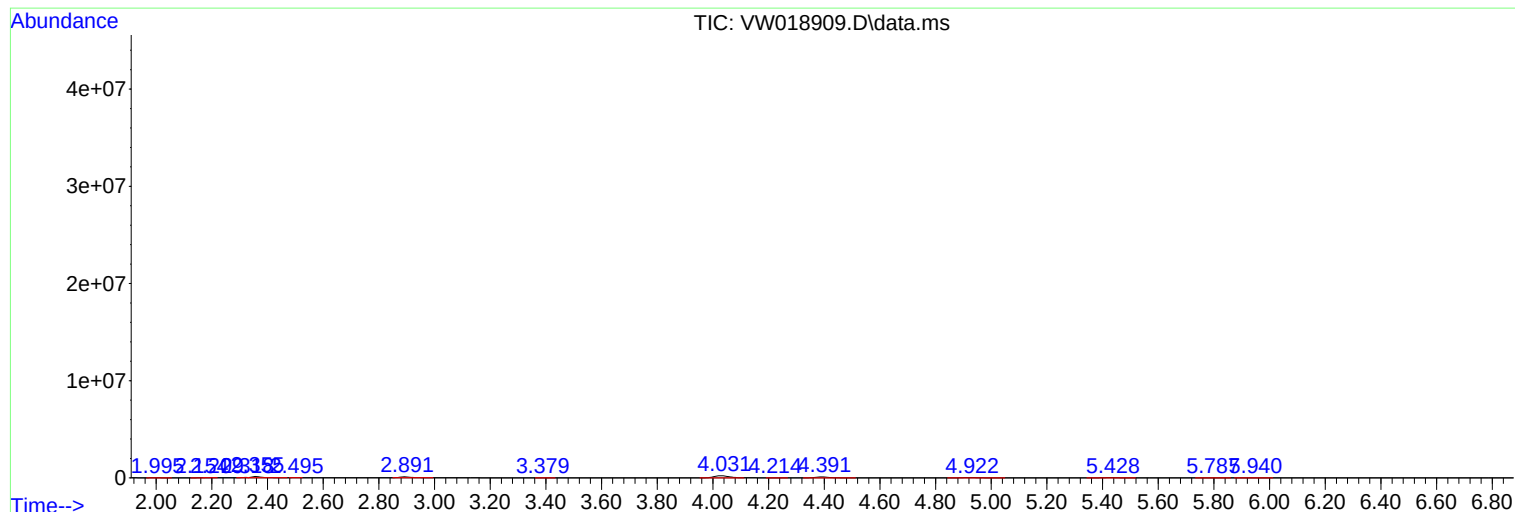
Sum of corrected areas: 200232955

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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



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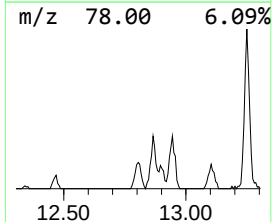
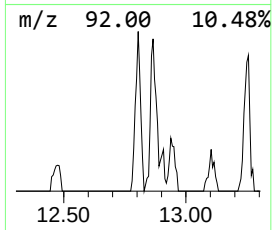
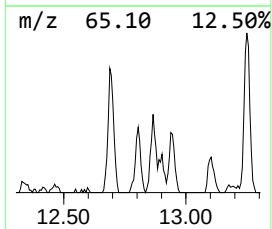
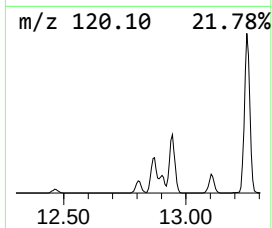
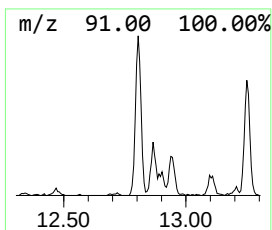
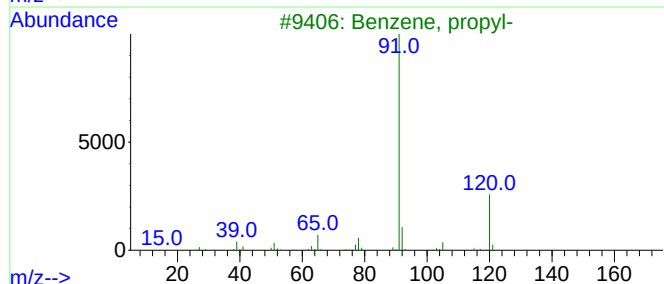
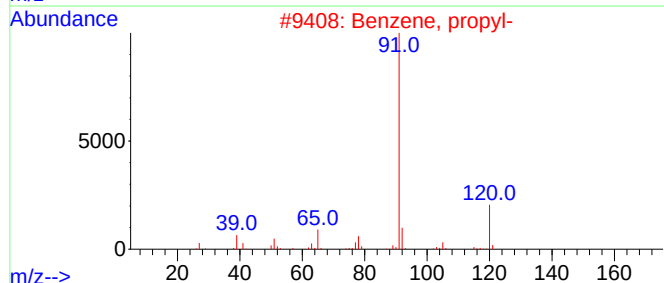
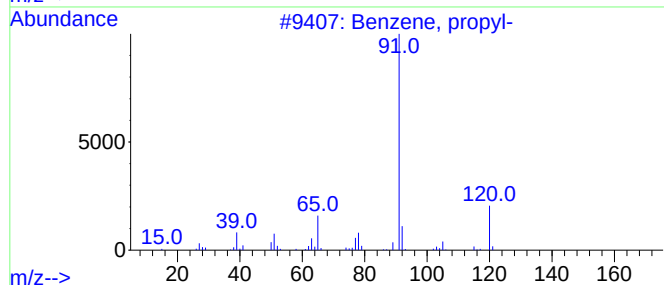
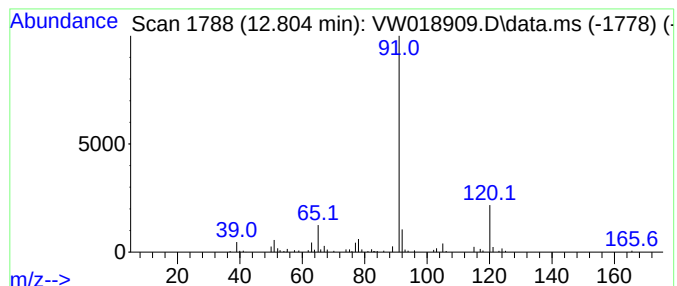
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	1.53 ug/L	66773	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	90
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	83
4			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
5			2,3,5-Trioxabicyclo[2.1.0]pentan...	254	C16H14O3	056247-48-4	64



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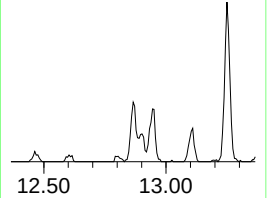
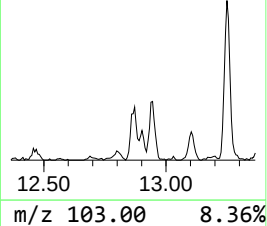
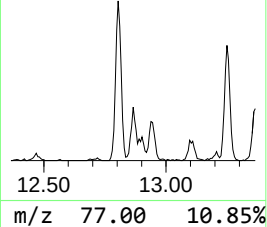
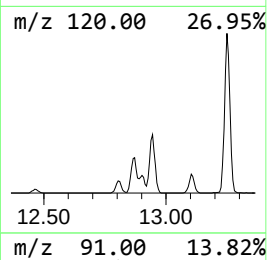
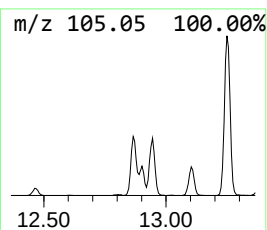
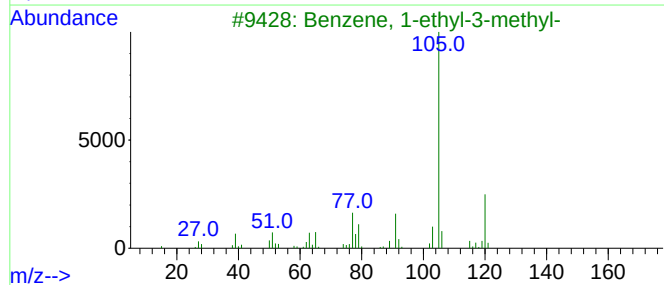
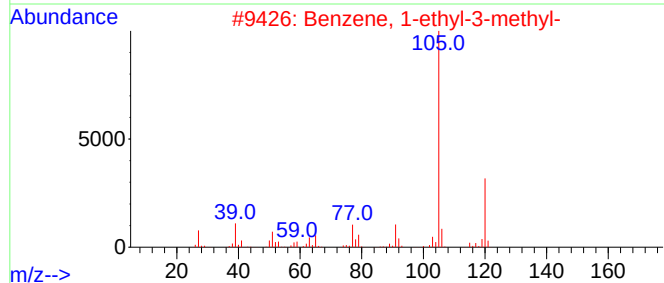
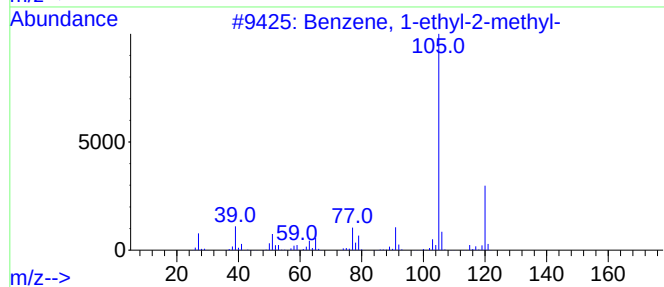
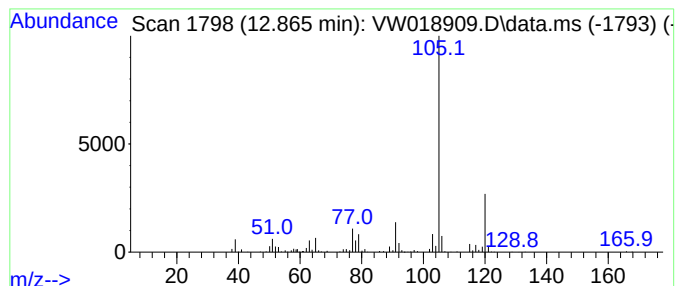
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	3.22 ug/L	140337	1,4-Dichlorobenzene-d4	13.554

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-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



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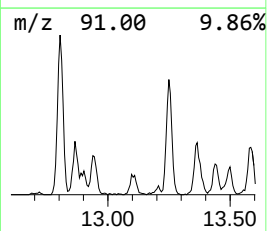
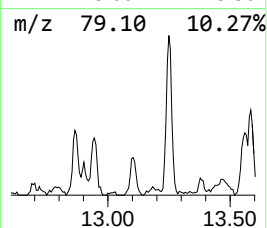
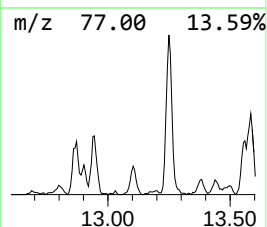
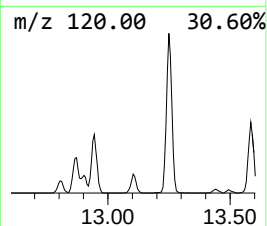
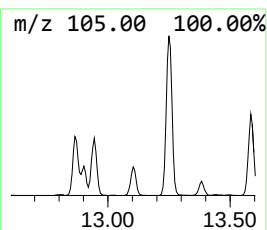
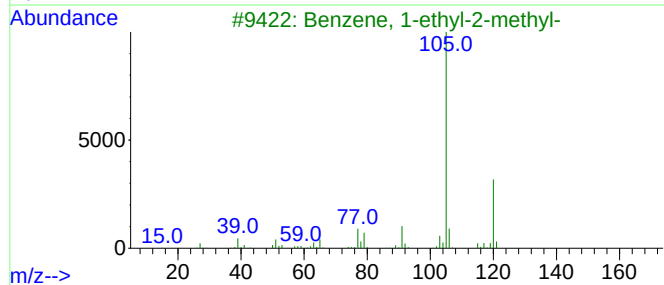
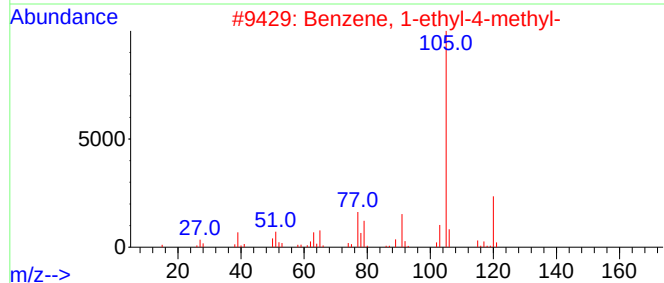
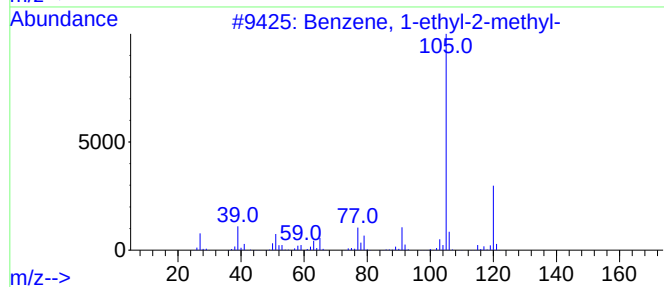
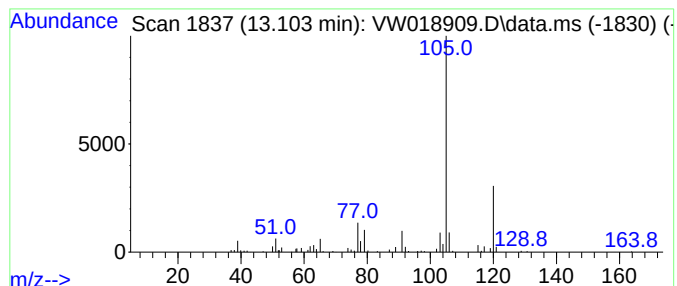
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	1.48 ug/L	64644	1,4-Dichlorobenzene-d4	13.554

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-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

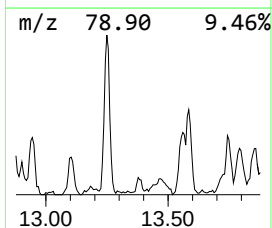
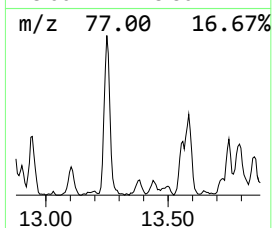
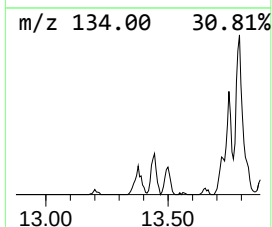
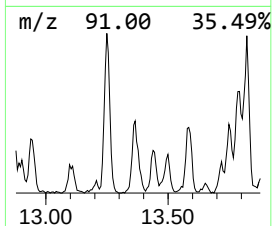
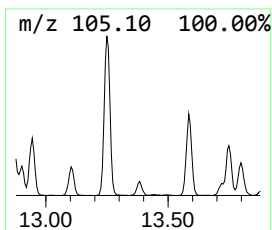
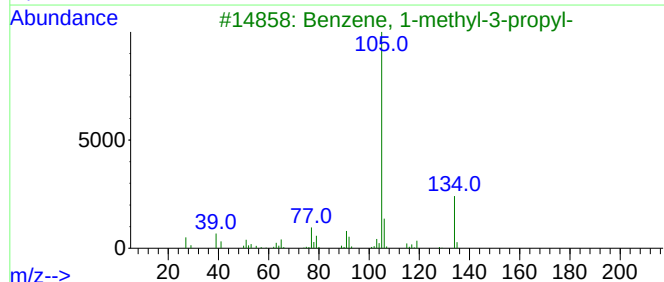
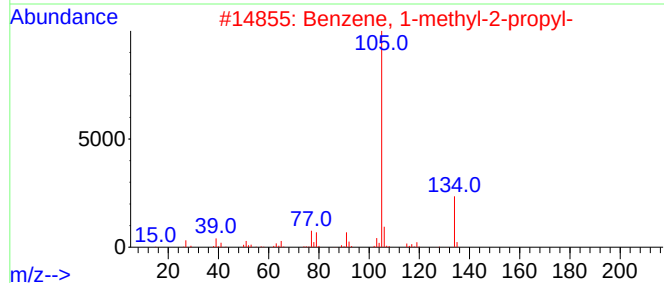
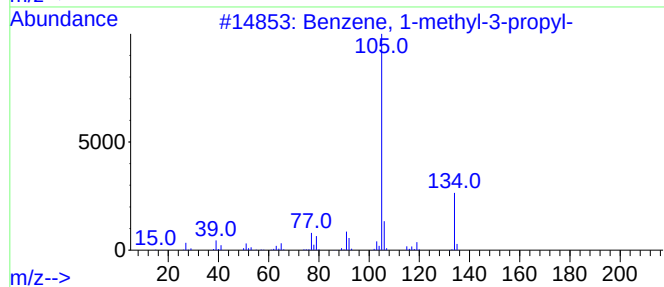
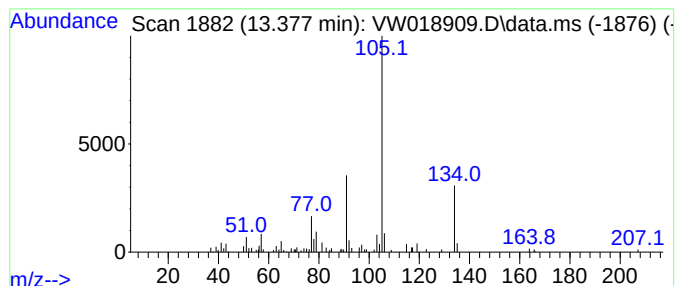
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	1.42 ug/L	62005	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

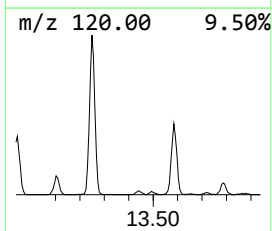
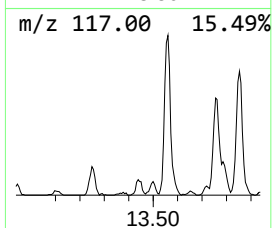
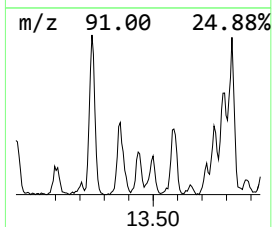
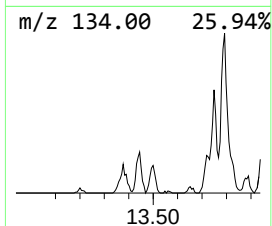
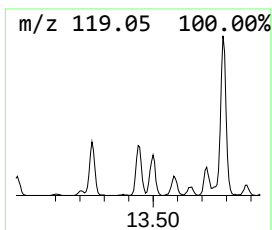
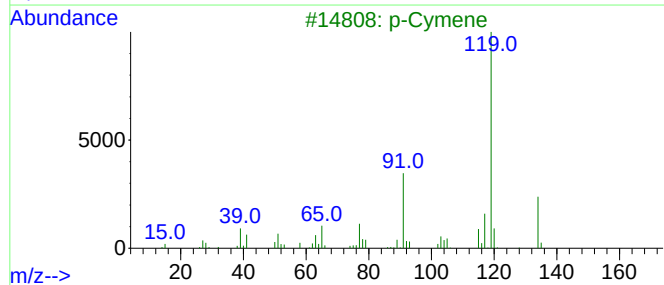
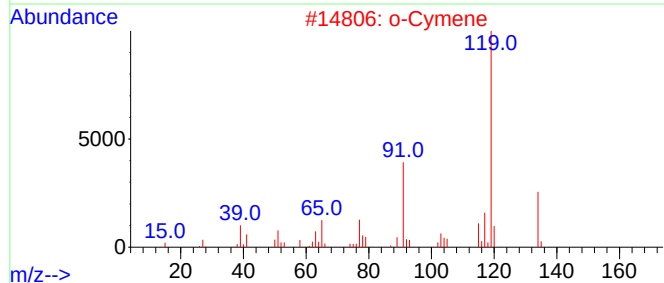
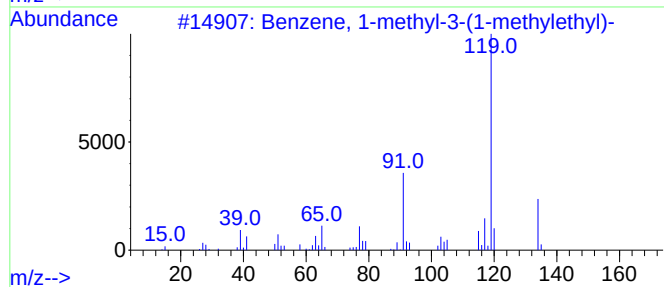
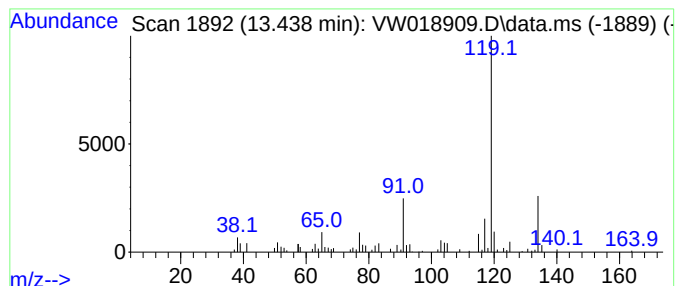
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	1.53 ug/L	66586	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2			o-Cymene	134	C10H14	000527-84-4	94
3			p-Cymene	134	C10H14	000099-87-6	94
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

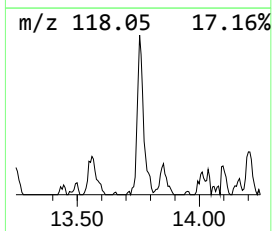
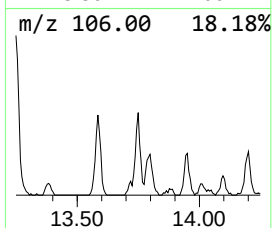
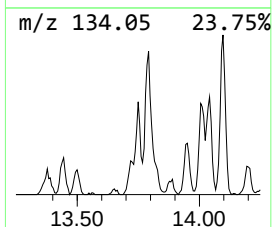
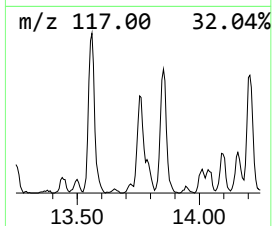
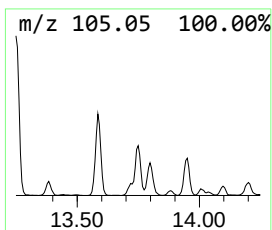
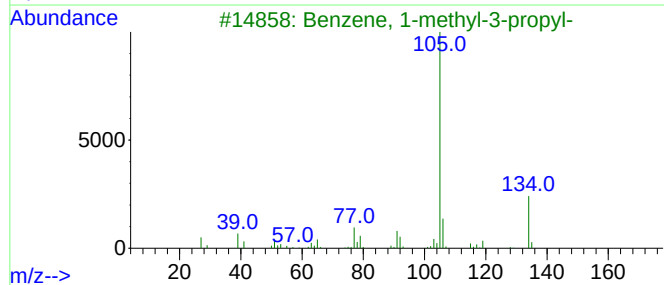
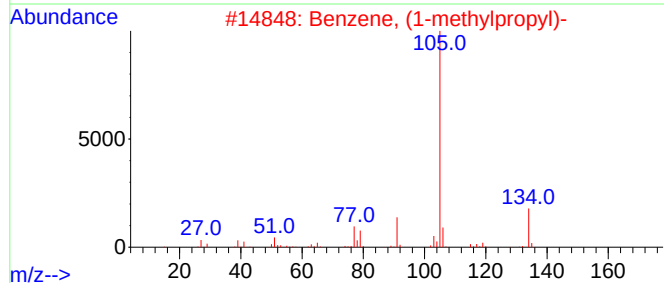
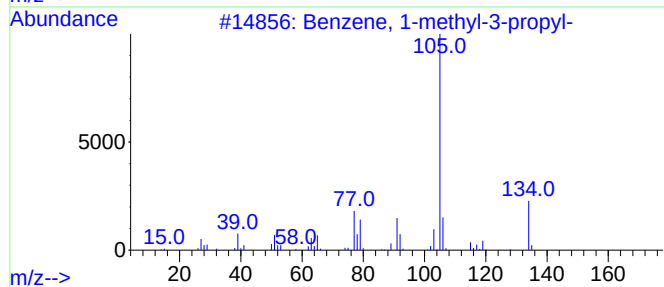
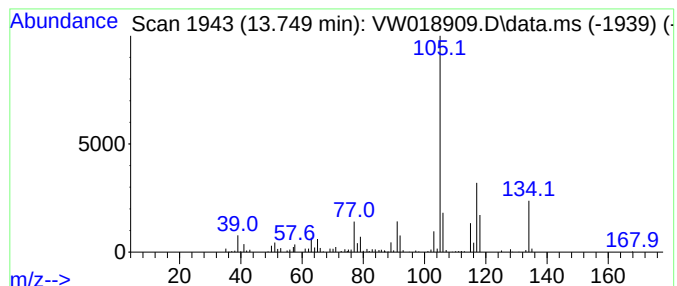
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	3.54 ug/L	154315	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	49
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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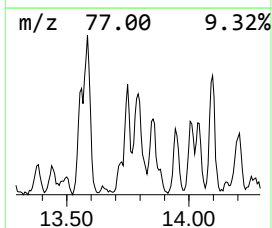
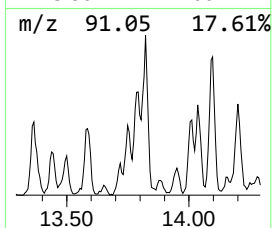
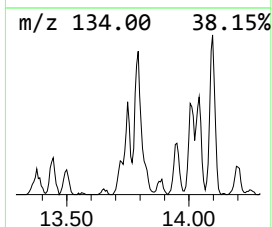
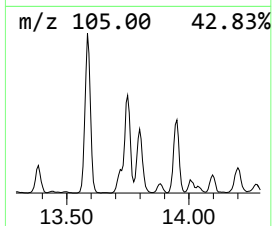
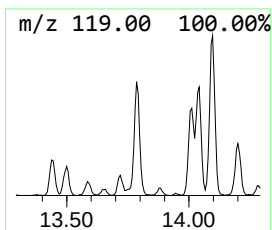
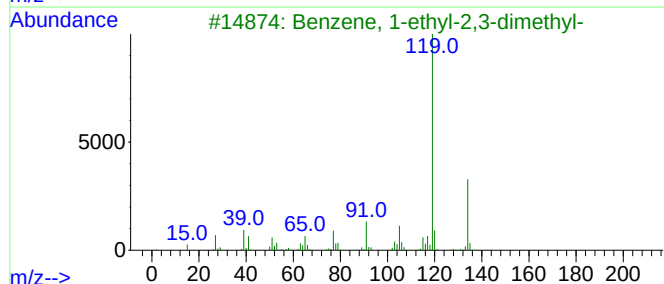
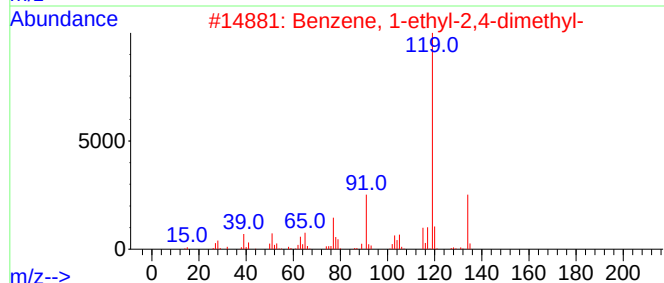
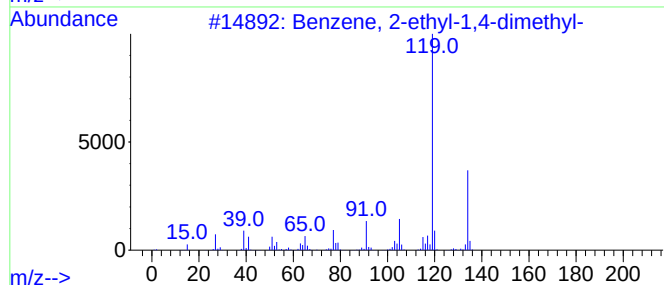
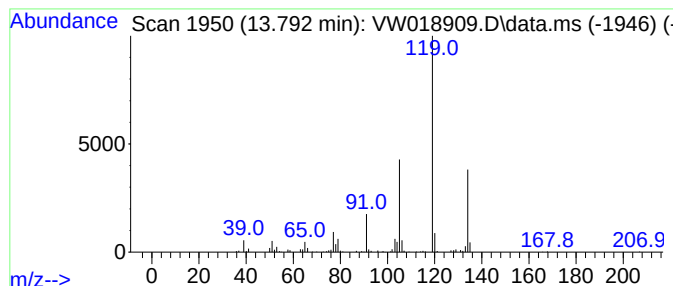
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	4.53 ug/L	197455	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	91
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

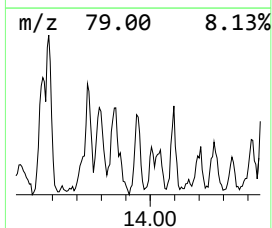
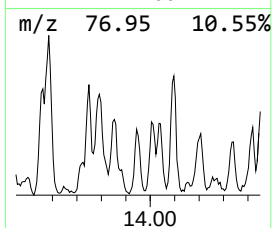
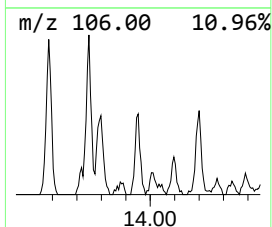
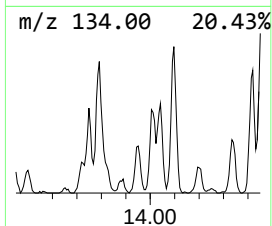
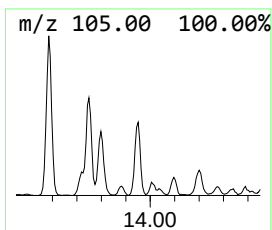
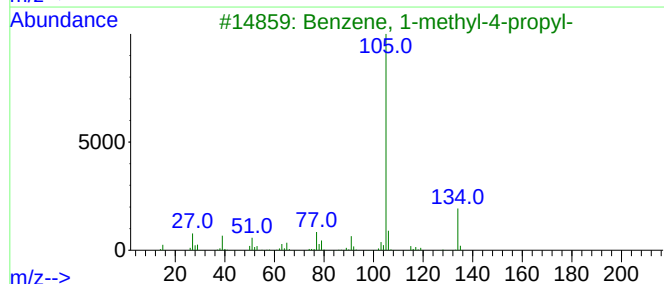
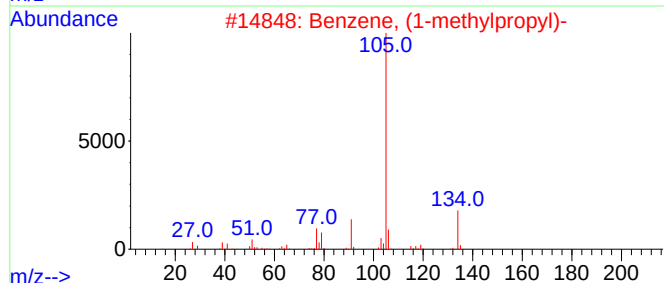
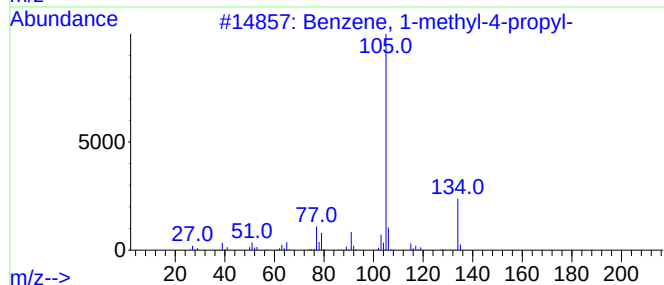
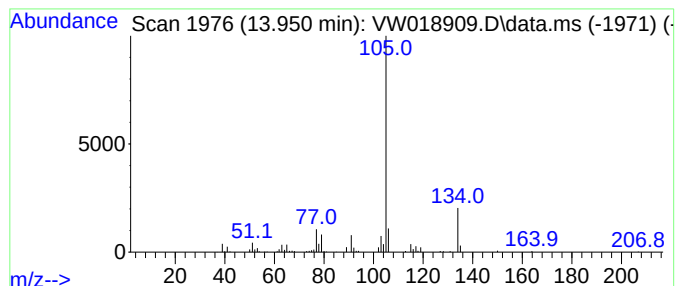
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	1.69 ug/L	73727	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

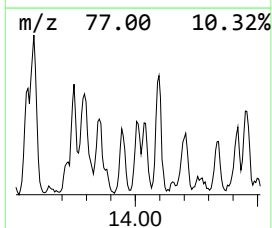
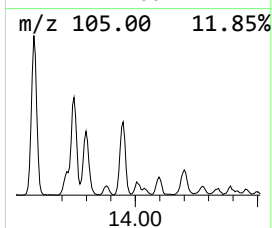
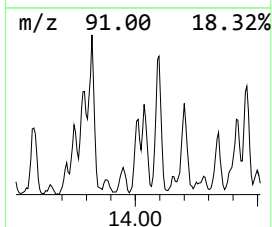
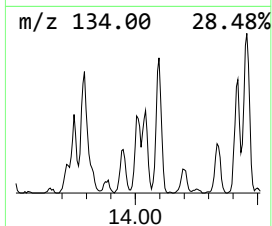
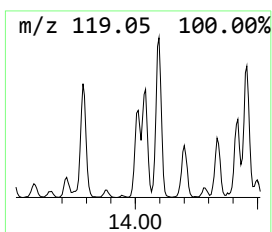
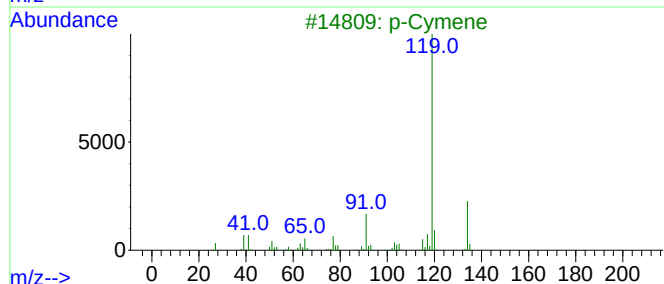
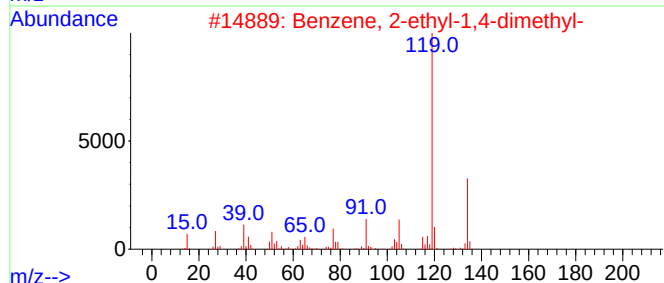
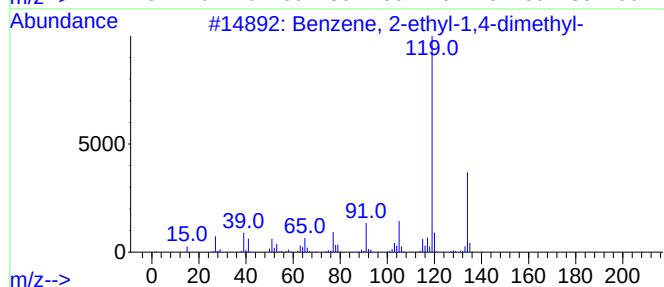
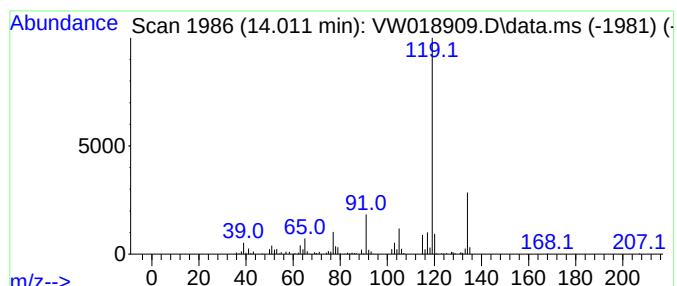
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Quant Title : SFAM01.0

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

Peak Number 11 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	2.60 ug/L	113583	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	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			p-Cymene	134	C10H14	000099-87-6	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

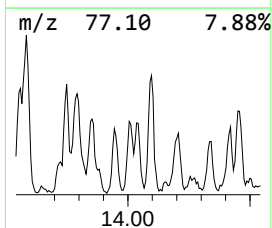
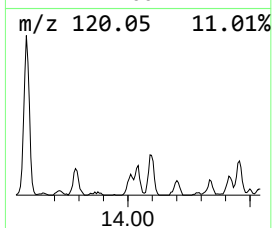
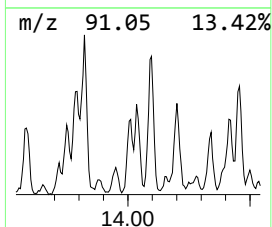
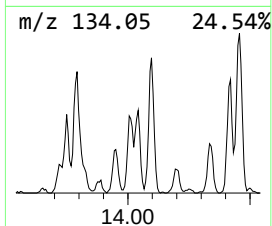
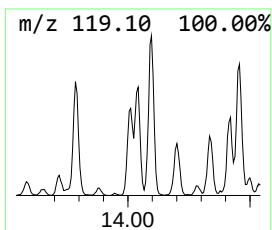
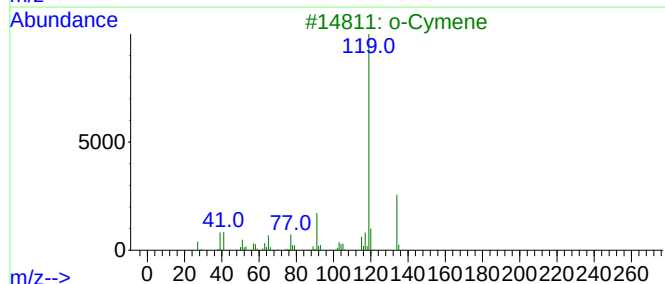
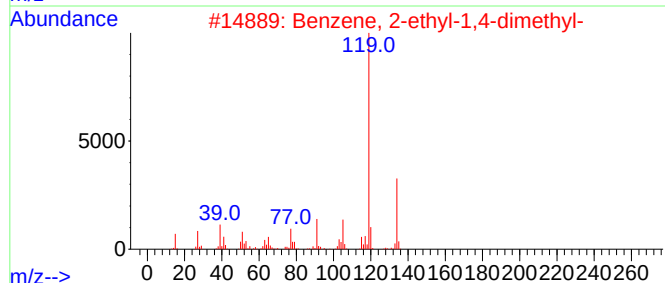
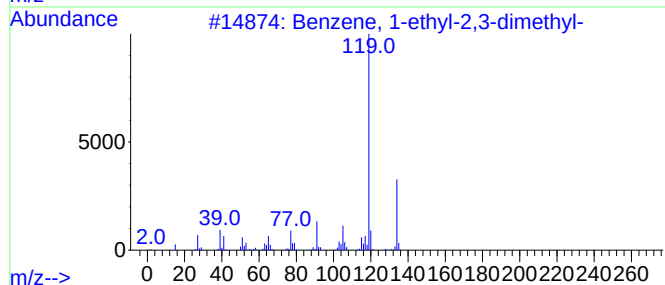
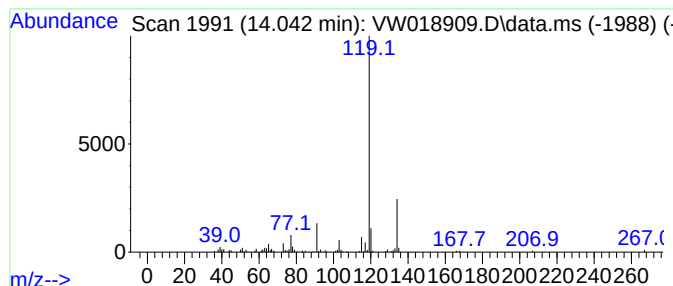
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	2.84 ug/L	124012	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	90
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3			o-Cymene	134	C10H14	000527-84-4	86
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

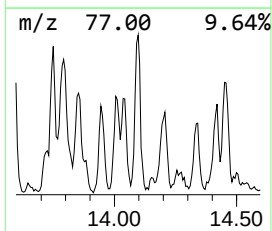
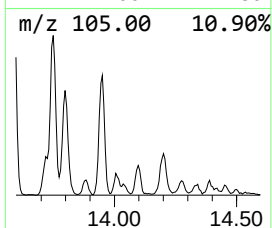
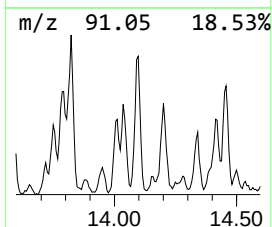
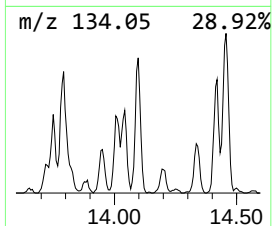
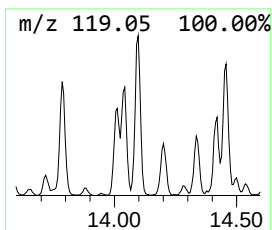
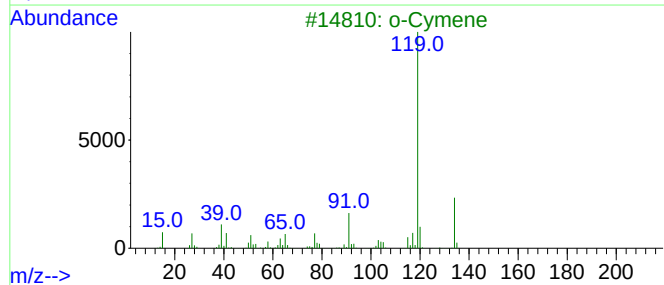
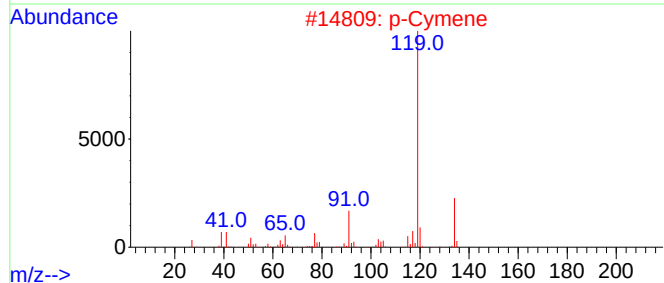
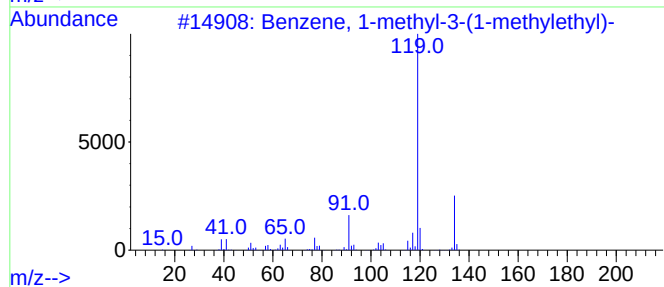
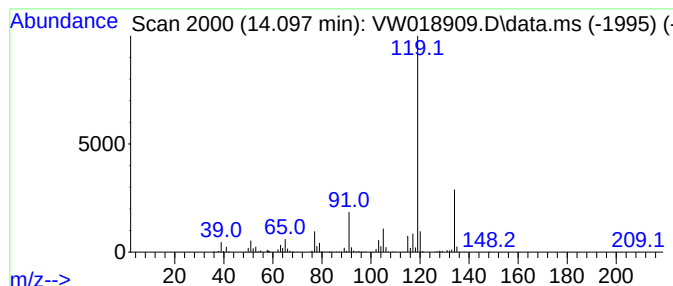
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Quant Title : SFAM01.0

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

Peak Number 13 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	4.54 ug/L	198067	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

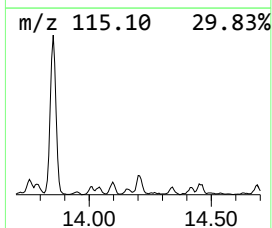
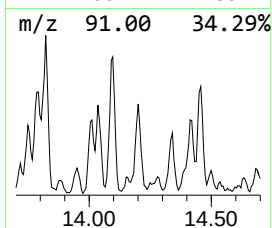
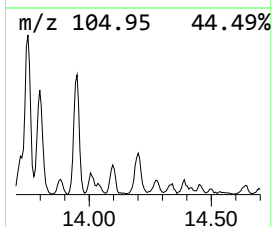
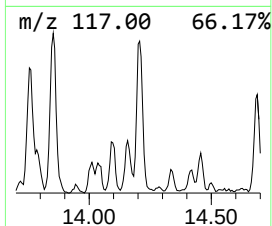
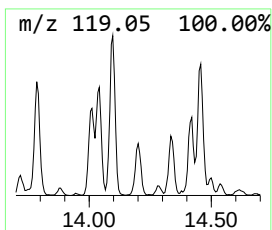
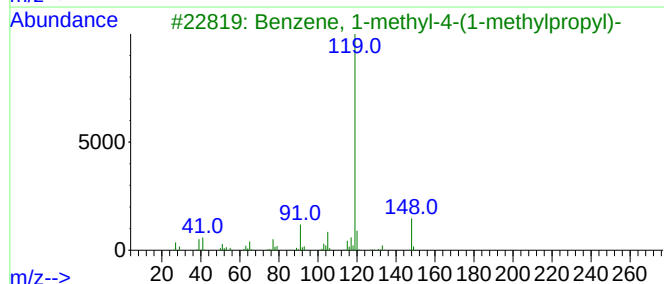
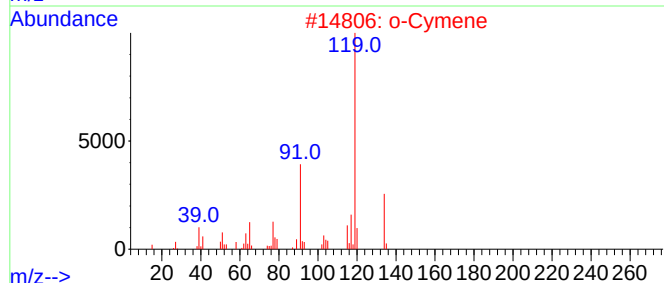
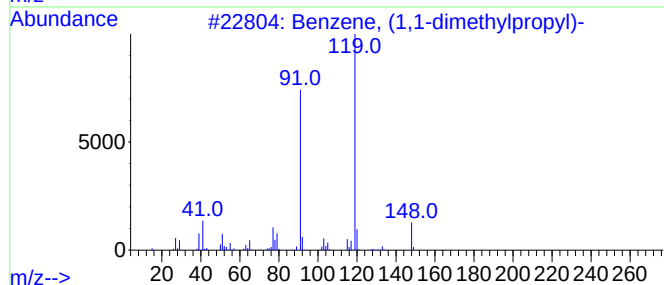
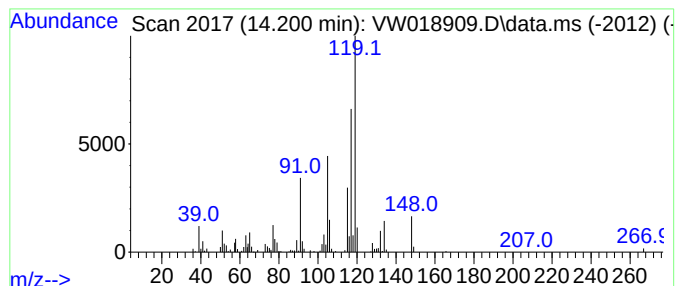
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	3.26 ug/L	142250	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	46
2			o-Cymene	134	C10H14	000527-84-4	46
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
4			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
5			4'-Methylpropiophenone	148	C10H12O	005337-93-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

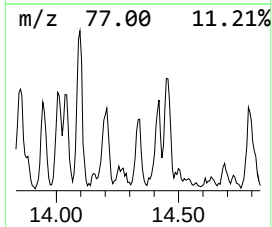
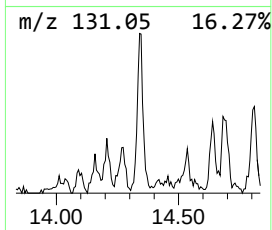
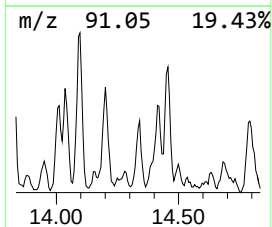
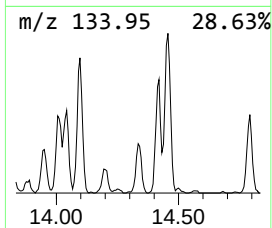
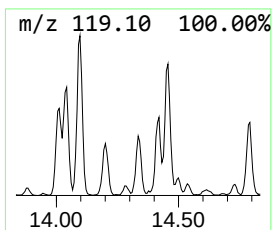
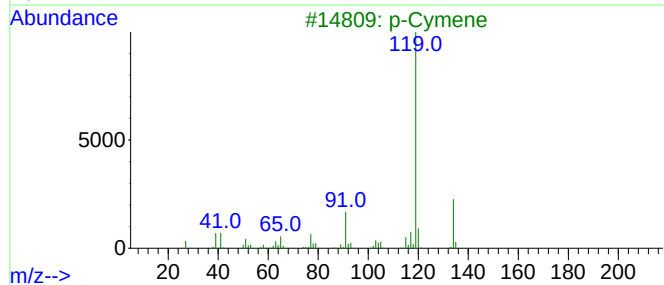
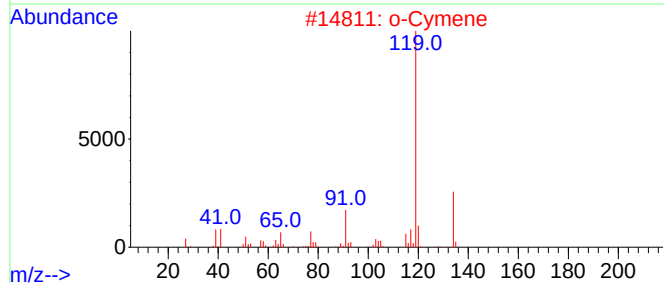
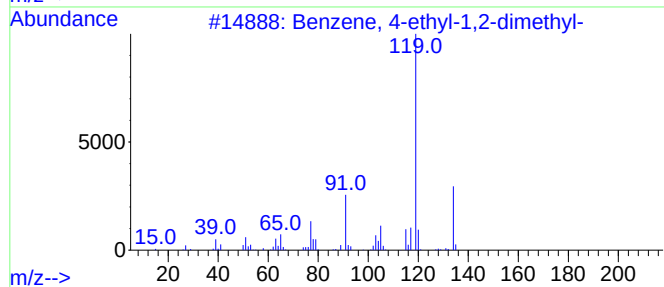
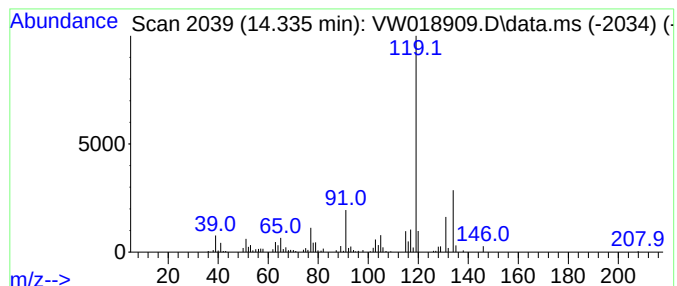
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	2.14 ug/L	93528	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			p-Cymene	134	C10H14	000099-87-6	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

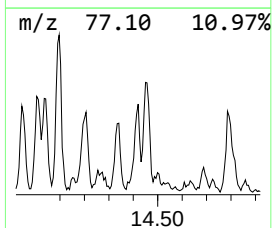
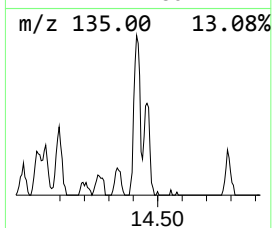
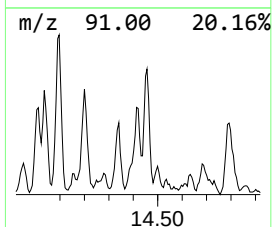
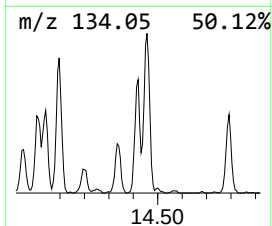
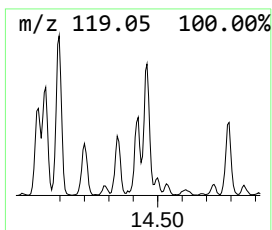
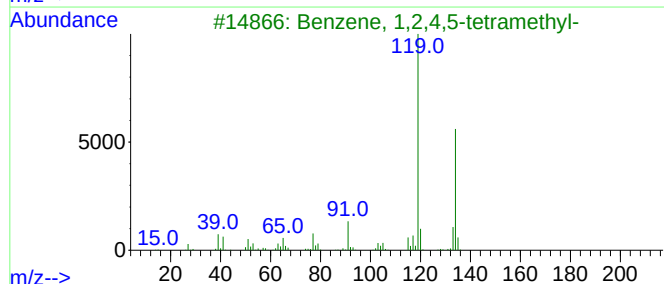
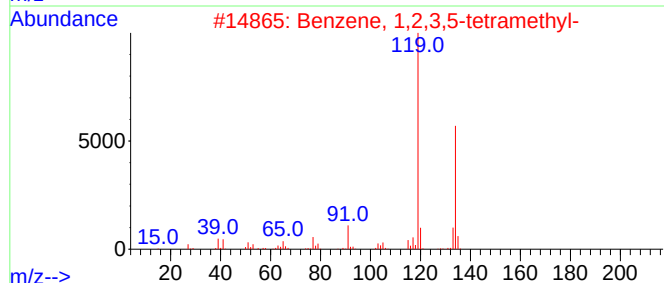
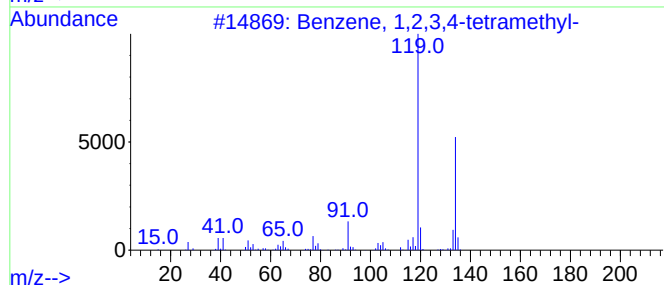
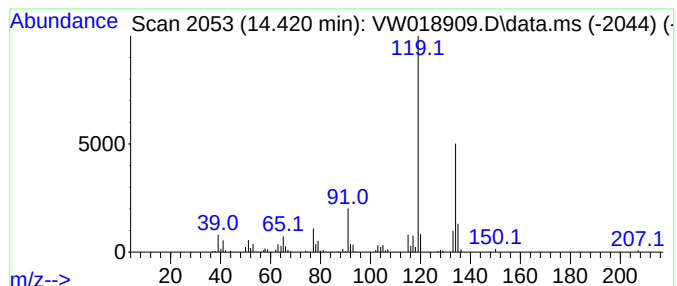
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	2.91 ug/L	126968	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	90
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

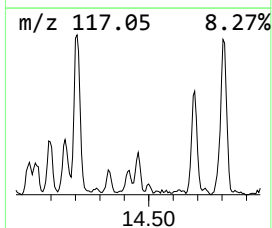
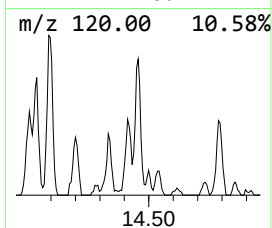
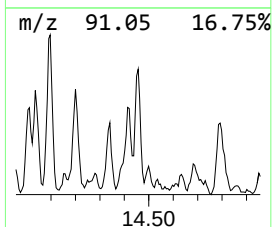
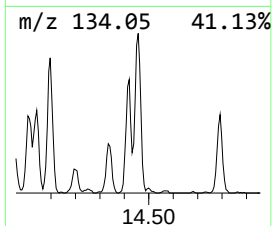
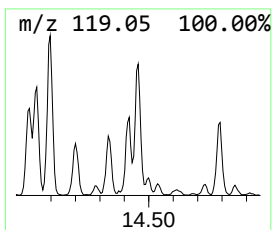
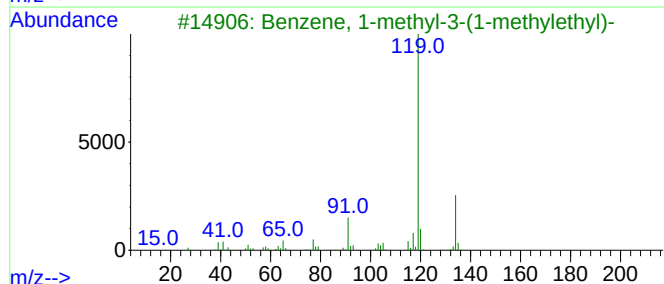
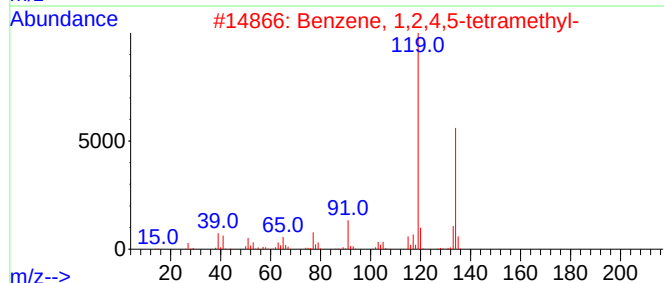
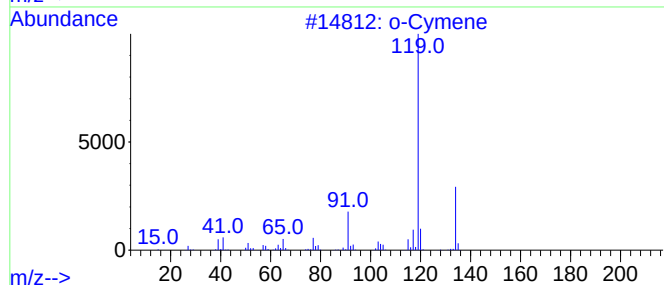
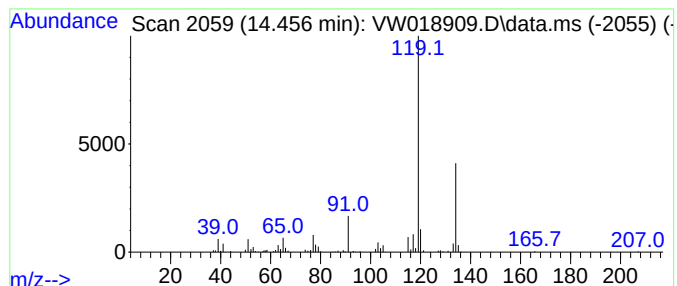
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Quant Title : SFAM01.0

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

Peak Number 17 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	3.65 ug/L	159151	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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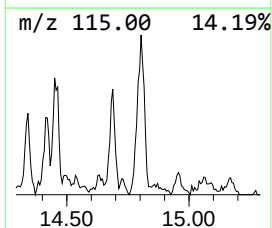
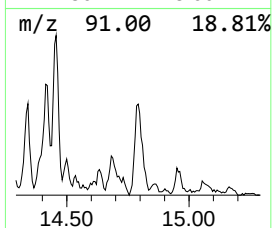
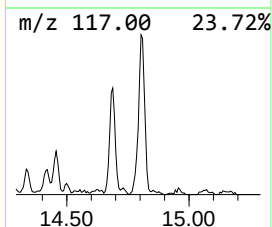
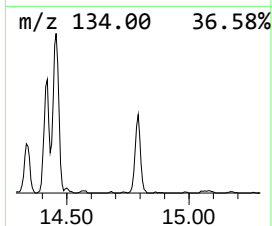
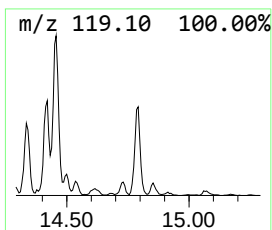
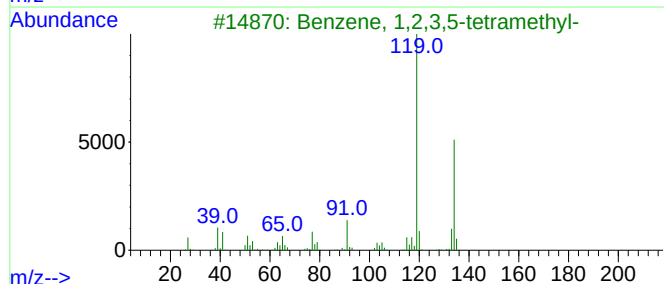
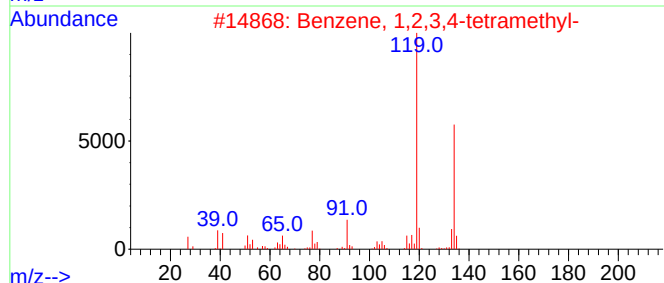
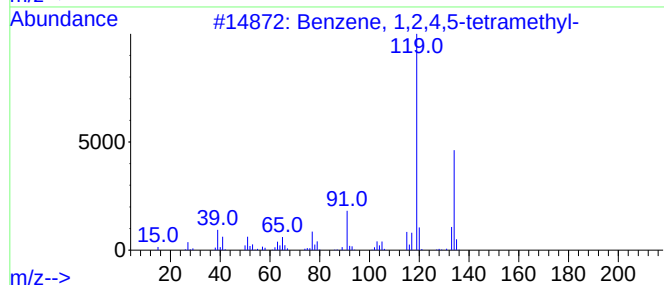
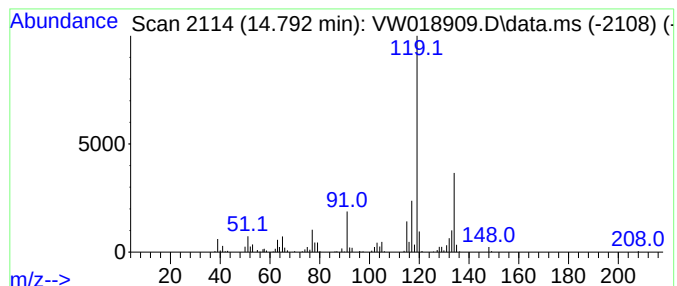
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	3.44 ug/L	150223	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018909.D
Acq On : 03 May 2021 19:21
Operator : SY/VA
Sample : M2209-20
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.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, propyl-	12.804	1.5	ug/L	66773	3	13.554	1090660	25.0
Benzene, 1-ethy...	12.865	3.2	ug/L	140337	3	13.554	1090660	25.0
Benzene, 1-ethy...	13.103	1.5	ug/L	64644	3	13.554	1090660	25.0
Benzene, 1-meth...	13.377	1.4	ug/L	62005	3	13.554	1090660	25.0
Benzene, 1-meth...	13.438	1.5	ug/L	66586	3	13.554	1090660	25.0
unknown-01	13.749	3.5	ug/L	154315	3	13.554	1090660	25.0
Benzene, 2-ethy...	13.792	4.5	ug/L	197455	3	13.554	1090660	25.0
Benzene, 1-meth...	13.950	1.7	ug/L	73727	3	13.554	1090660	25.0
p-Cymene	14.011	2.6	ug/L	113583	3	13.554	1090660	25.0
Benzene, 1-ethy...	14.042	2.8	ug/L	124012	3	13.554	1090660	25.0
unknown-02	14.097	4.5	ug/L	198067	3	13.554	1090660	25.0
unknown-03	14.200	3.3	ug/L	142250	3	13.554	1090660	25.0
Benzene, 4-ethy...	14.335	2.1	ug/L	93528	3	13.554	1090660	25.0
Benzene, 1,2,3,...	14.420	2.9	ug/L	126968	3	13.554	1090660	25.0
o-Cymene	14.456	3.6	ug/L	159151	3	13.554	1090660	25.0
Benzene, 1,2,3,...	14.792	3.4	ug/L	150223	3	13.554	1090660	25.0