

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021607.D
 Acq On : 23 Dec 2021 12:27
 Operator : SY/VA
 Sample : M5174-03
 Misc : 5.98g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC14

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	68	73	84	rVB	27841	46588	16.20%	2.268%
2	2.495	92	97	105	rBV	3566	7159	2.49%	0.348%
3	2.879	154	160	170	rVB	16421	32443	11.28%	1.579%
4	3.025	178	184	190	rBV3	2955	6342	2.20%	0.309%
5	3.385	237	243	251	rVB4	1010	2206	0.77%	0.107%
6	3.739	299	301	304	rVB4	145	143	0.05%	0.007%
7	3.775	304	307	309	rBV	96	143	0.05%	0.007%
8	4.019	336	347	358	rVV	31912	86360	30.02%	4.204%
9	4.123	359	364	375	rVB2	1855	5030	1.75%	0.245%
10	4.391	398	408	417	rBB2	1100	3345	1.16%	0.163%
11	4.915	483	494	508	rBB3	4546	14328	4.98%	0.697%
12	5.391	571	572	576	rBV	127	163	0.06%	0.008%
13	5.434	576	579	584	rVB2	333	617	0.21%	0.030%
14	5.787	632	637	638	rBV2	526	869	0.30%	0.042%
15	5.952	656	664	671	rBB5	1410	4130	1.44%	0.201%
16	6.110	688	690	695	rBB	133	223	0.08%	0.011%
17	6.470	744	749	751	rBB	113	175	0.06%	0.009%
18	6.757	794	796	800	rBB	115	164	0.06%	0.008%
19	6.909	820	821	824	rBV	232	185	0.06%	0.009%
20	6.982	827	833	840	rVB2	866	1845	0.64%	0.090%
21	7.080	840	849	861	rBV	11764	32488	11.29%	1.581%
22	7.256	873	878	879	rBV2	1784	2644	0.92%	0.129%
23	7.647	930	942	953	rBV	52985	127712	44.40%	6.217%
24	7.951	985	992	999	rVB6	1753	4702	1.63%	0.229%
25	8.159	1022	1026	1030	rBB3	752	1055	0.37%	0.051%
26	8.275	1035	1045	1062	rBV2	87843	287651	100.00%	14.002%
27	8.701	1110	1115	1116	rBV2	771	1228	0.43%	0.060%
28	8.842	1130	1138	1148	rVV	91761	177266	61.63%	8.629%
29	9.274	1201	1209	1216	rBV	69754	139617	48.54%	6.796%
30	9.421	1230	1233	1236	rVB	313	367	0.13%	0.018%
31	9.524	1245	1250	1251	rBB	336	383	0.13%	0.019%
32	9.610	1260	1264	1268	rBB3	322	543	0.19%	0.026%
33	9.665	1268	1273	1277	rBB	314	429	0.15%	0.021%
34	9.750	1283	1287	1292	rBB2	615	777	0.27%	0.038%
35	9.902	1310	1312	1315	rBB	221	185	0.06%	0.009%
36	9.957	1315	1321	1325	rBV2	667	1220	0.42%	0.059%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	10.036	1327	1334	1341	rBV	33555	58960	20.50%	2.870%
38	10.225	1361	1365	1366	rBB	204	170	0.06%	0.008%
39	10.323	1374	1381	1388	rBV	111692	195625	68.01%	9.523%
40	10.390	1388	1392	1399	rVV	6524	11191	3.89%	0.545%
41	10.445	1399	1401	1404	rVB	202	213	0.07%	0.010%
42	10.500	1404	1410	1416	rBB5	2205	4313	1.50%	0.210%
43	10.579	1417	1423	1431	rBV	21216	36043	12.53%	1.755%
44	10.664	1431	1437	1440	rVV3	2037	3709	1.29%	0.181%
45	10.701	1441	1443	1448	rVV2	2129	2561	0.89%	0.125%
46	10.762	1448	1453	1458	rVB2	797	1143	0.40%	0.056%
47	10.866	1464	1470	1474	rBV	4554	7692	2.67%	0.374%
48	10.927	1474	1480	1489	rVV	46707	76928	26.74%	3.745%
49	11.036	1495	1498	1500	rBV3	299	401	0.14%	0.020%
50	11.073	1500	1504	1508	rVV4	697	1227	0.43%	0.060%
51	11.176	1513	1521	1525	rBV3	3226	5965	2.07%	0.290%
52	11.231	1525	1530	1536	rVB2	3093	4832	1.68%	0.235%
53	11.286	1536	1539	1542	rVB3	373	434	0.15%	0.021%
54	11.341	1542	1548	1552	rVB3	1152	1813	0.63%	0.088%
55	11.433	1552	1563	1571	rVB6	1446	4211	1.46%	0.205%
56	11.512	1571	1576	1581	rBV2	1159	1509	0.52%	0.073%
57	11.628	1589	1595	1605	rBV	92708	160274	55.72%	7.802%
58	11.731	1605	1612	1616	rBV2	4083	6912	2.40%	0.336%
59	11.841	1621	1630	1633	rBV2	9763	19250	6.69%	0.937%
60	12.048	1658	1664	1666	rBV3	650	1169	0.41%	0.057%
61	12.164	1670	1683	1690	rBV3	8248	19821	6.89%	0.965%
62	12.298	1701	1705	1706	rBV	969	1179	0.41%	0.057%
63	12.603	1751	1755	1760	rVB2	2881	4357	1.51%	0.212%
64	12.688	1763	1769	1776	rVB	56390	94616	32.89%	4.606%
65	12.780	1779	1784	1791	rVB6	3588	8176	2.84%	0.398%
66	12.865	1791	1798	1802	rBV	6356	11597	4.03%	0.565%
67	12.938	1805	1810	1816	rVB2	14587	25496	8.86%	1.241%
68	13.097	1829	1836	1843	rBV	3708	8446	2.94%	0.411%
69	13.164	1843	1847	1851	rBV5	2295	4538	1.58%	0.221%
70	13.249	1856	1861	1866	rBV	19104	29133	10.13%	1.418%
71	13.554	1906	1911	1921	rBV2	52586	105041	36.52%	5.113%
72	13.749	1940	1943	1946	rBV2	2153	3140	1.09%	0.153%
73	13.780	1946	1948	1954	rVB2	4295	6464	2.25%	0.315%
74	13.853	1954	1960	1967	rBV	45892	81500	28.33%	3.967%
75	14.005	1982	1985	1988	rBV3	2143	2972	1.03%	0.145%
76	14.200	2012	2017	2023	rBV3	4231	7341	2.55%	0.357%

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 Title : SFAM01.0

77	14.261	2023	2027	2033	rVB6	1825	3261	1.13%	0.159%
78	14.334	2033	2039	2043	rBV5	2558	4917	1.71%	0.239%
79	14.450	2055	2058	2062	rVB	3061	4289	1.49%	0.209%
80	14.499	2062	2066	2067	rBV2	1273	1513	0.53%	0.074%
81	14.682	2094	2096	2098	rBV2	488	493	0.17%	0.024%
82	14.719	2098	2102	2107	rVB3	2064	3710	1.29%	0.181%
83	14.792	2109	2114	2120	rBV3	4224	8288	2.88%	0.403%
84	14.895	2130	2131	2133	rBV	373	299	0.10%	0.015%
85	14.956	2140	2141	2145	rVB3	406	229	0.08%	0.011%
86	15.060	2154	2158	2161	rBV3	631	1006	0.35%	0.049%
87	15.310	2196	2199	2203	rBV3	585	974	0.34%	0.047%
88	15.365	2203	2208	2211	rBV2	1222	2053	0.71%	0.100%
89	15.481	2224	2227	2234	rVB	1788	2885	1.00%	0.140%
90	15.639	2251	2253	2256	rVB3	219	232	0.08%	0.011%
91	15.670	2256	2258	2260	rBV	229	194	0.07%	0.009%
92	15.737	2267	2269	2273	rVB2	182	150	0.05%	0.007%
93	15.791	2273	2278	2283	rBV4	1422	2802	0.97%	0.136%
94	15.956	2300	2305	2311	rVB5	1040	2146	0.75%	0.104%
95	16.035	2313	2318	2325	rVB3	639	1171	0.41%	0.057%
96	16.194	2343	2344	2347	rBV	211	238	0.08%	0.012%
97	16.224	2347	2349	2350	rBV	230	157	0.05%	0.008%
98	16.444	2379	2385	2388	rVB2	760	1433	0.50%	0.070%
99	16.493	2388	2393	2397	rVB3	303	615	0.21%	0.030%
100	16.767	2436	2438	2439	rBV	297	158	0.05%	0.008%

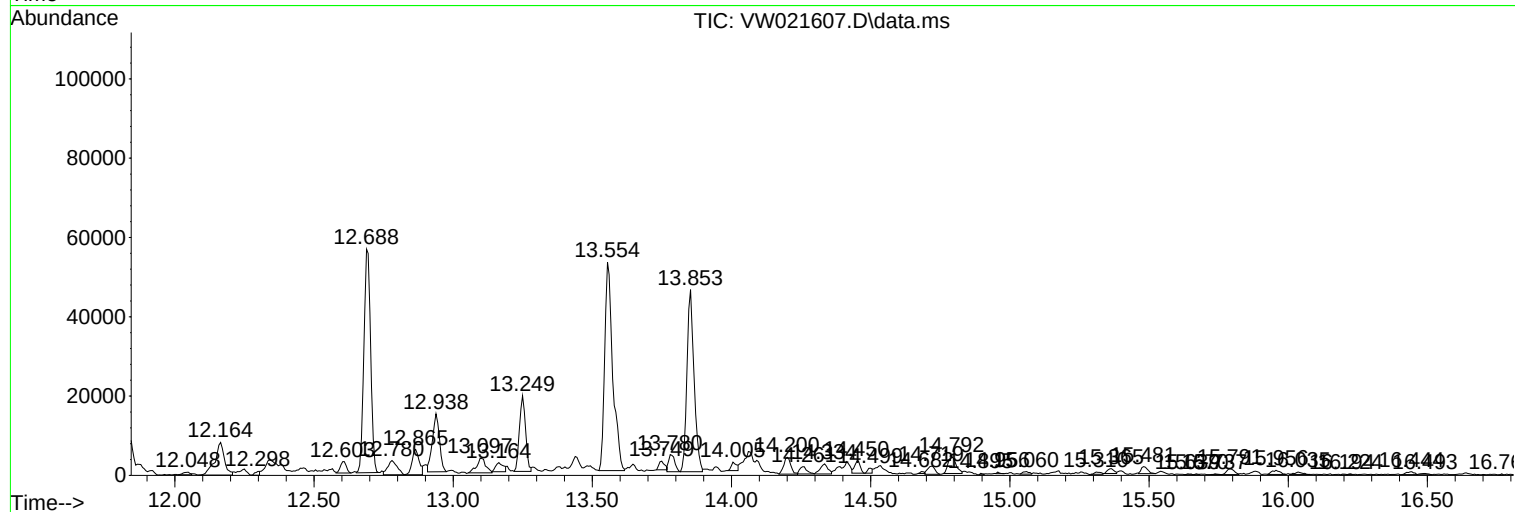
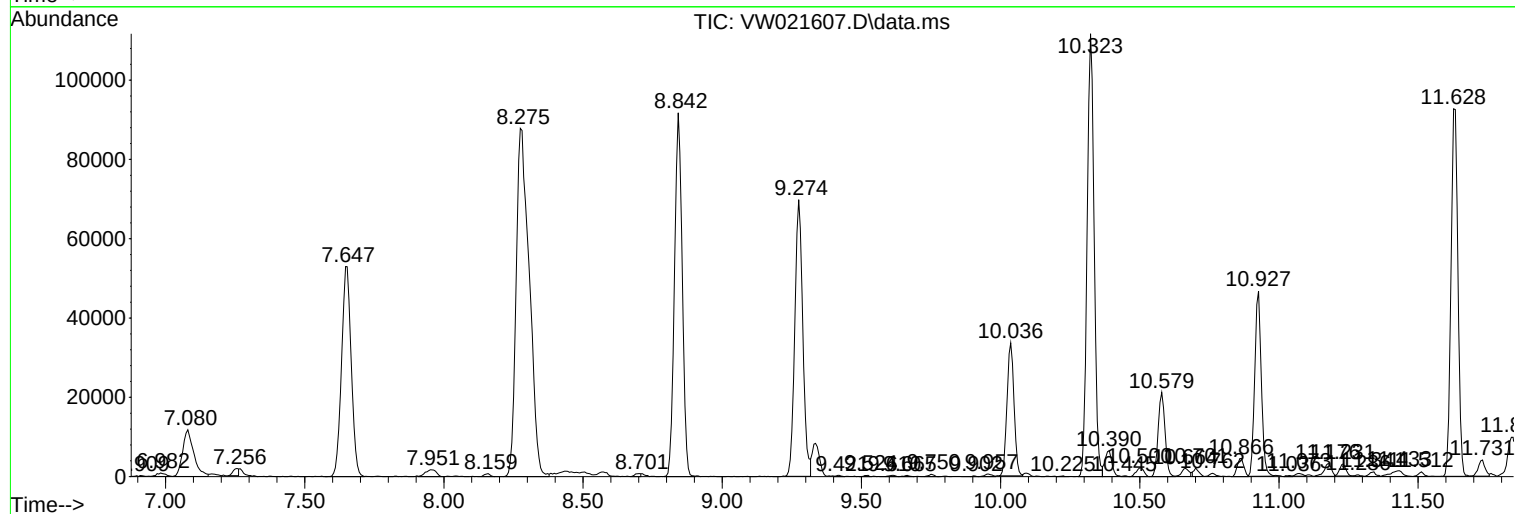
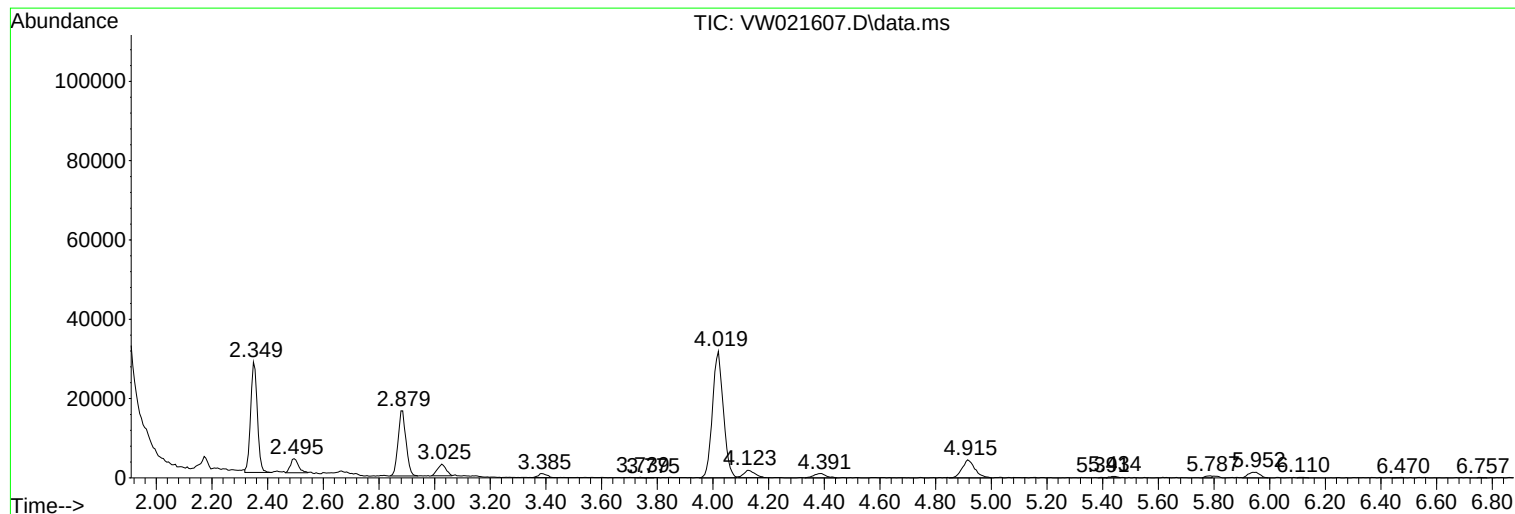
Sum of corrected areas: 2054300

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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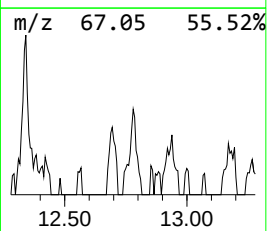
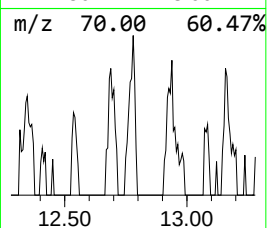
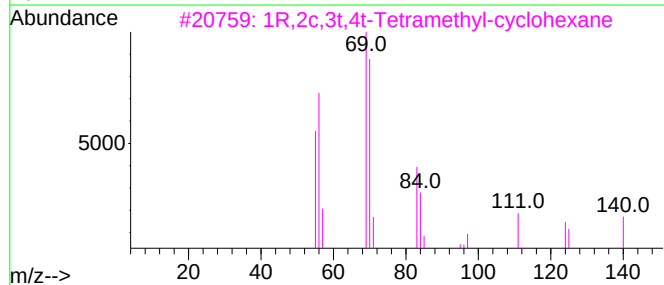
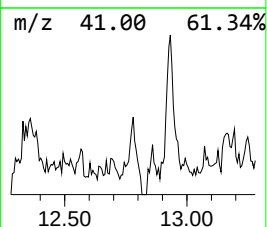
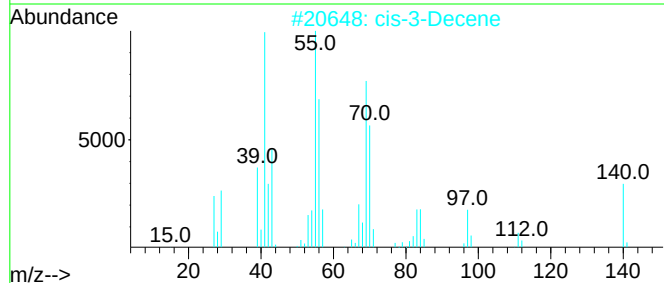
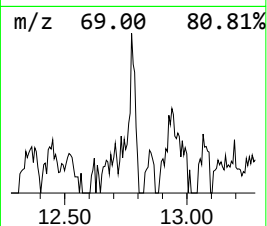
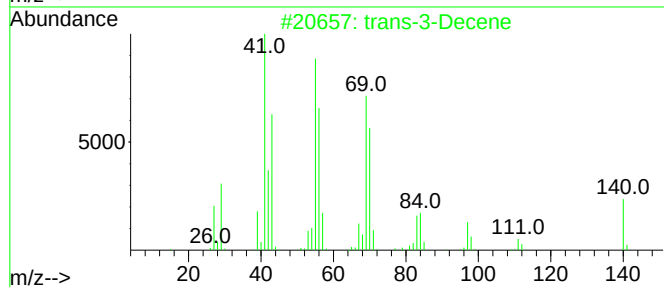
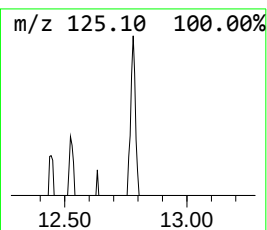
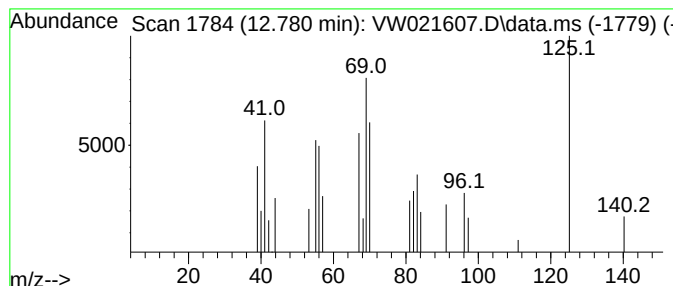
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	1.95 ug/L	8176	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-3-Decene	140	C10H20	019150-21-1	55
2			cis-3-Decene	140	C10H20	019398-86-8	53
3			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	53
4			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	43
5			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38



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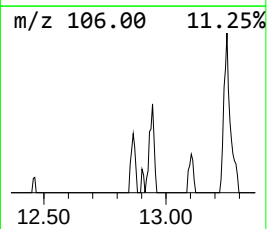
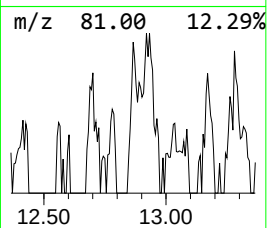
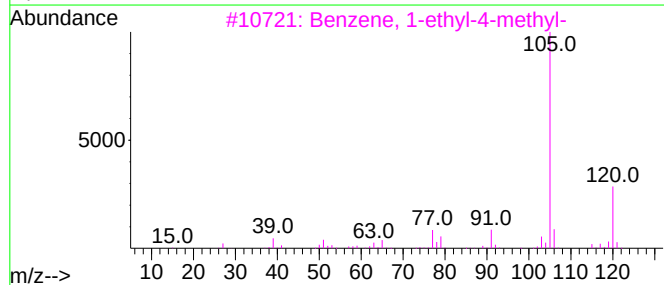
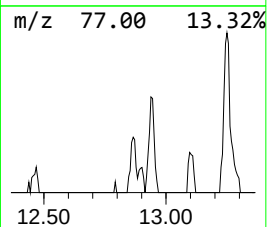
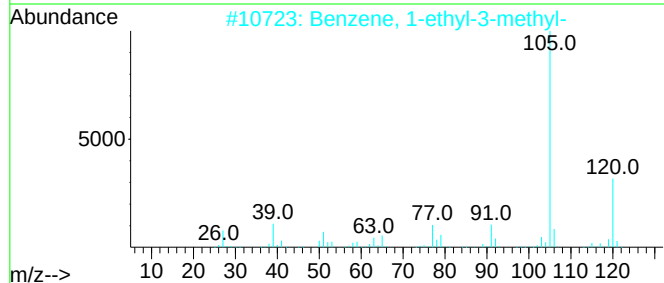
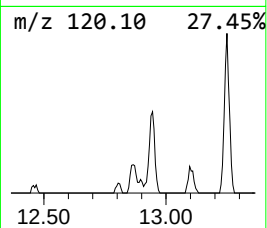
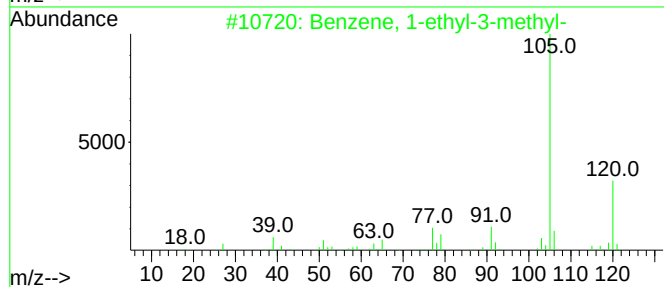
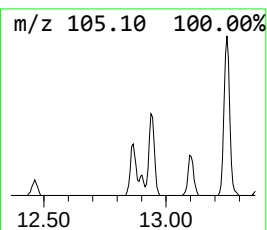
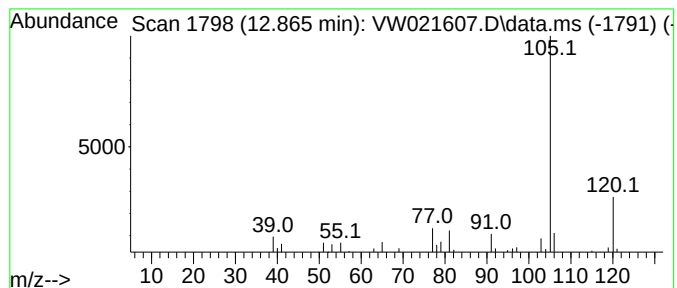
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	2.76 ug/L	11597	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	93
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81



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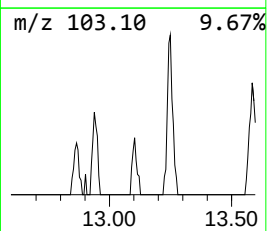
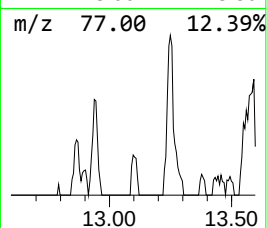
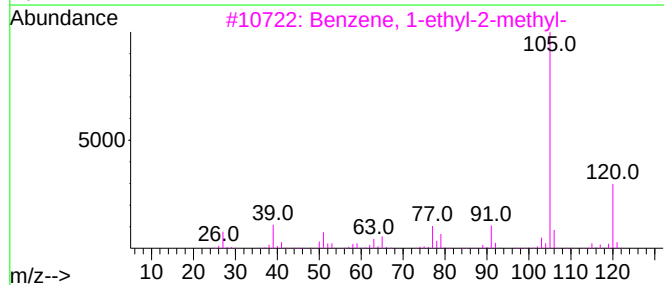
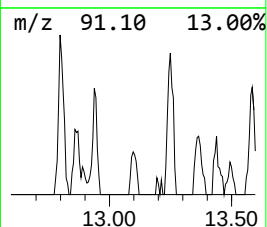
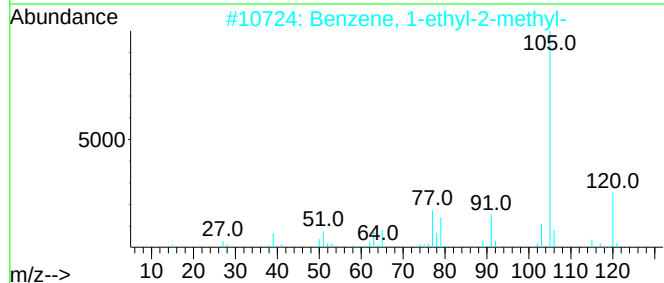
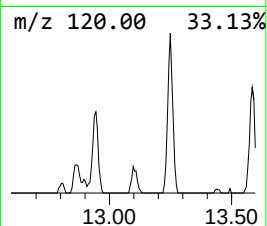
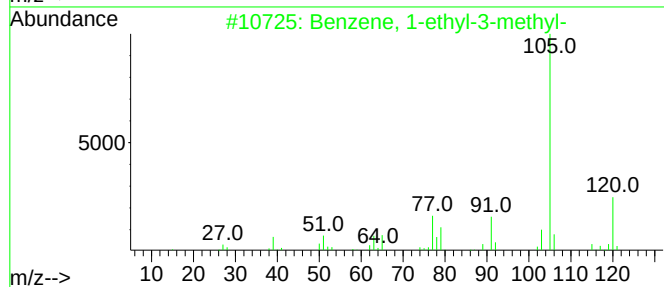
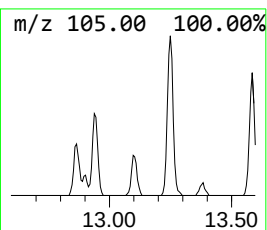
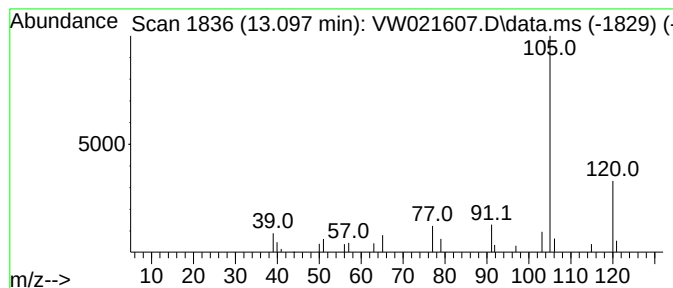
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	2.01 ug/L	8446	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	86
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021607.D
Acq On : 23 Dec 2021 12:27
Operator : SY/VA
Sample : M5174-03
Misc : 5.98g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC14

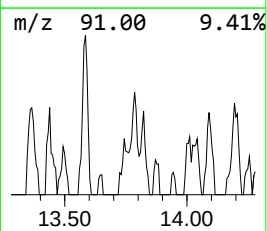
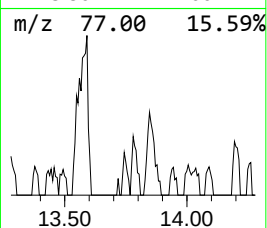
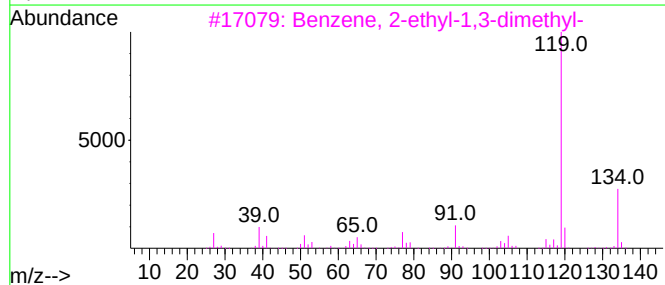
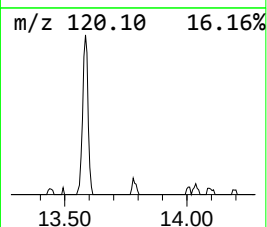
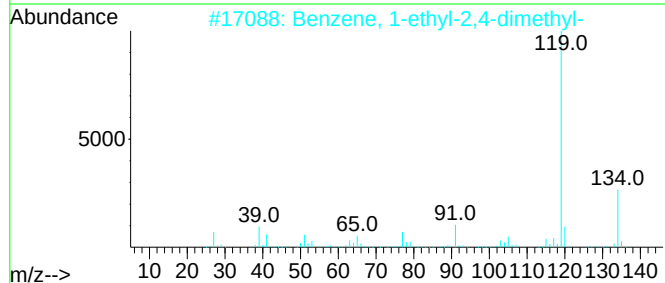
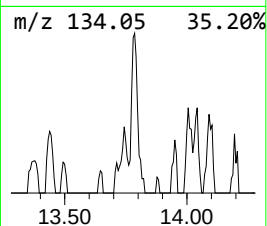
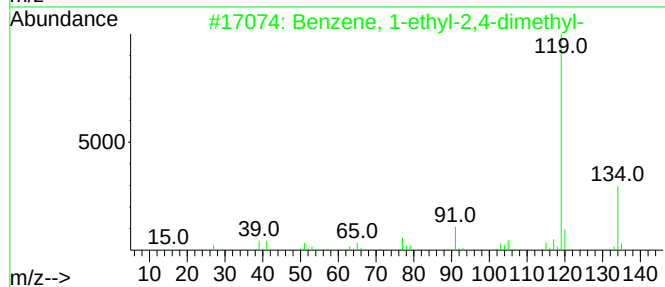
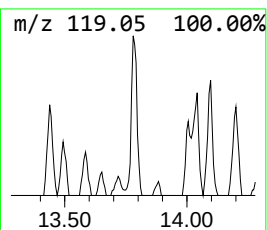
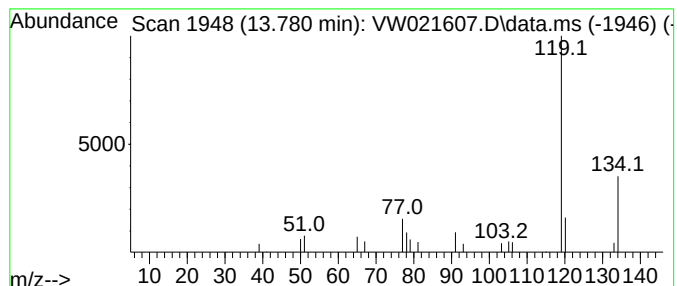
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	1.54 ug/L	6464	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021607.D
Acq On : 23 Dec 2021 12:27
Operator : SY/VA
Sample : M5174-03
Misc : 5.98g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC14

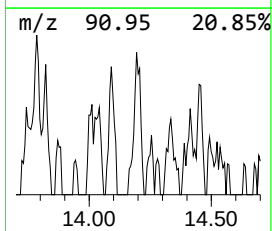
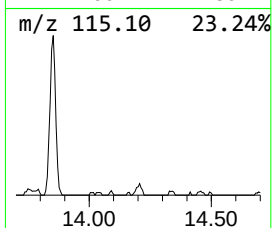
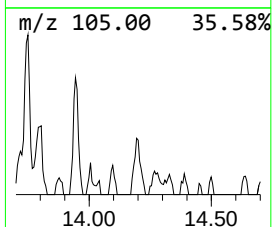
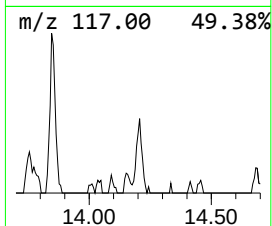
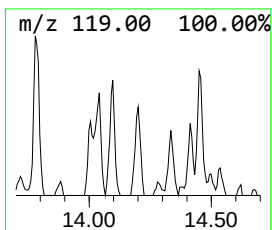
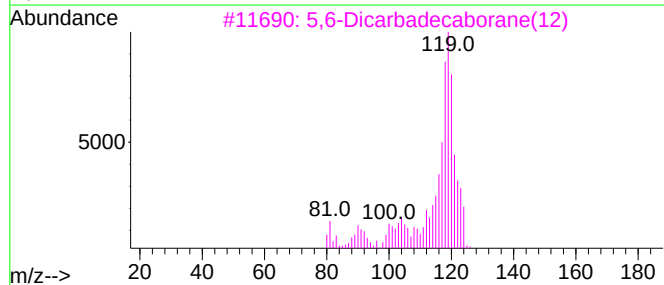
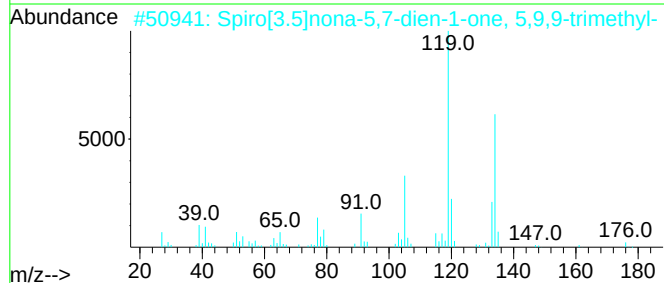
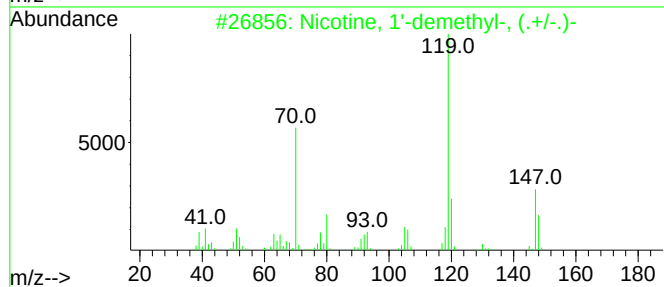
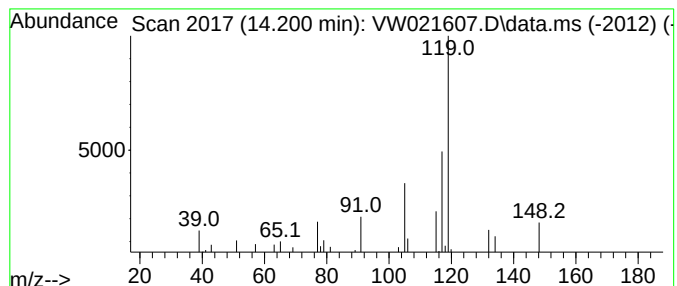
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	1.75 ug/L	7341	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nicotine, 1'-demethyl-, (+/-)-	148	C9H12N2	005746-86-1	38
2			Spiro[3.5]nona-5,7-dien-1-one, 5...	176	C12H16O	091531-36-1	37
3			5,6-Dicarbadeborane(12)	124	C2H12B8	041655-26-9	36
4			1,1-Difluoro-tetramethylcyclopro...	134	C7H12F2	000823-25-6	35
5			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021607.D
Acq On : 23 Dec 2021 12:27
Operator : SY/VA
Sample : M5174-03
Misc : 5.98g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC14

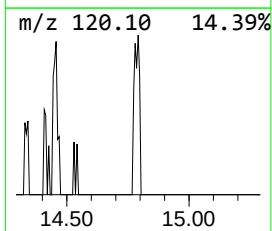
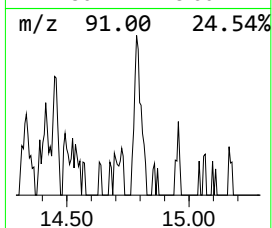
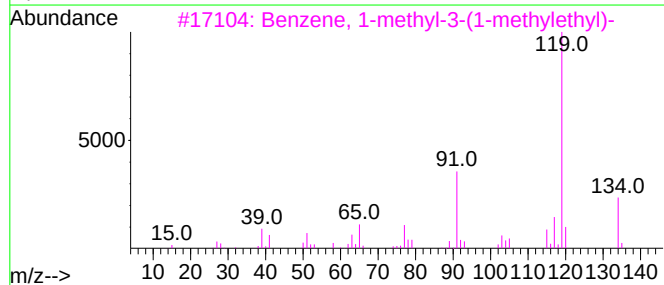
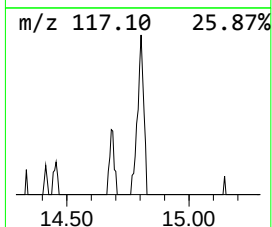
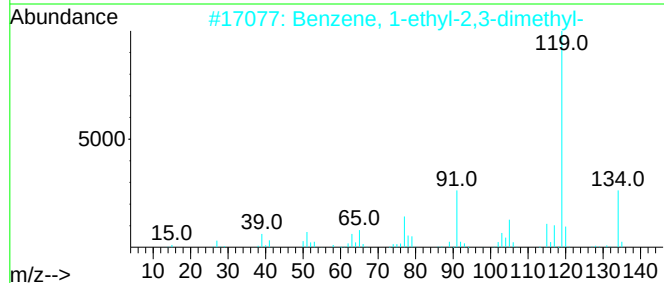
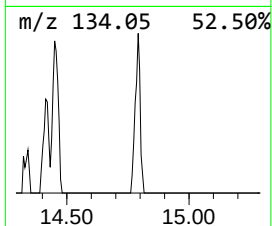
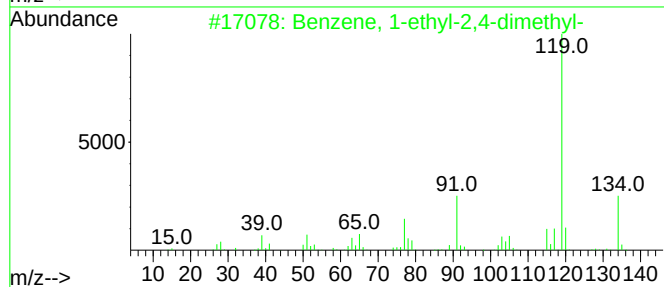
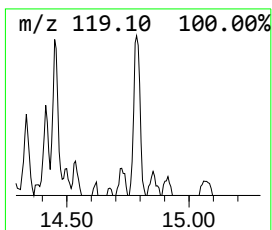
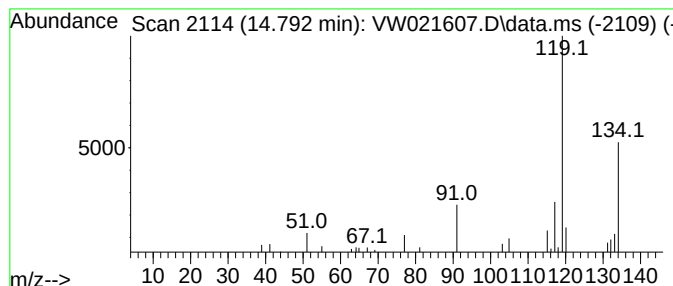
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	1.97 ug/L	8288	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021607.D
Acq On : 23 Dec 2021 12:27
Operator : SY/VA
Sample : M5174-03
Misc : 5.98g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.780	2.0	ug/L	8176	3	13.554	105041	25.0
Benzene, 1-ethy...	12.865	2.8	ug/L	11597	3	13.554	105041	25.0
Benzene, 1-ethy...	13.097	2.0	ug/L	8446	3	13.554	105041	25.0
Benzene, 1-ethy...	13.780	1.5	ug/L	6464	3	13.554	105041	25.0
unknown-01	14.200	1.8	ug/L	7341	3	13.554	105041	25.0
Benzene, 1-ethy...	14.792	2.0	ug/L	8288	3	13.554	105041	25.0