LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

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\SOM2WLM012720S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	45	rBV2	3116	6176	0.01%	0.002%
2	2.233	48	54	55	rBV5	5687	10658	0.01%	0.004%
3	2.349	67	73	86	rBV	247042	428987	0.35%	0.152%
4	2.885	155	161	171	rBV	179961	411740	0.34%	0.146%
5	3.403	245	246	249	rVB2	1053	770	0.00%	0.000%
6	3.434	249	251	252	rBV2	878	712	0.00%	0.000%
7	3.684	286	292	296	rBV6	2022	4267	0.00%	0.002%
8	3.867	321	322	325	rVB	1046	1002	0.00%	0.000%
9	3.916	328	330	334	rVB2	734	796	0.00%	0.000%
10	4.013	334	346	359	rBV	388607	1058485	0.87%	0.376%
11	4.501	422	426	429	rVB4	848	1267	0.00%	0.000%
12	4.690	452	457	462	rVV4	1196	2362	0.00%	0.001%
13	4.824	476	479	481	rBV2	541	707	0.00%	0.000%
14	4.909	483	493	510	rVV	77650	261553	0.22%	0.093%
15	5.531	592	595	596	rBV	749	909	0.00%	0.000%
16	5.751	627	631	632	rBV2	728	1054	0.00%	0.000%
17	5.940	653	662	671	rVB7	5123	15979	0.01%	0.006%
18	6.183	699	702	704	rVB2	648	789	0.00%	0.000%
19	6.226	704	709	710	rBV3	1038	1204	0.00%	0.000%
20	6.244	710	712	713	rVV2	845	759	0.00%	0.000%
21	6.263	713	715	718	rVV3	1516	2179	0.00%	0.001%
22	6.311	722	723	727	rVB2	811	830	0.00%	0.000%
23	6.885	815	817	821	rBV2	660	769	0.00%	0.000%
24	7.074	839	848	853	rBV2	75606	202385	0.17%	0.072%
25	7.250	868	877	891	rVB	202063	501597	0.41%	0.178%
26	7.512	915	920	921	rBV3	996	1493	0.00%	0.001%
27	7.647	932	942	955	rVV	558947	1354249	1.11%	0.480%
28	7.951	987	992	996	rVB6	2297	4304	0.00%	0.002%
29	8.079	1010	1013	1017	rVB2	1095	1604	0.00%	0.001%
30	8.274	1033	1045	1061	rBV2	1102489	3015856	2.48%	1.070%
31	8.384	1061	1063	1066	rVV4	1061	1255	0.00%	0.000%
32	8.409	1066	1067	1071	rVB3	929	751	0.00%	0.000%
33	8.610	1096	1100	1102	rBV5	907	1393	0.00%	0.000%
34	8.634	1102	1104	1107	rVB2	1171	1126	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

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\SOM2WLM012720S.M
Title : VOC Analysis

35	8.683	1107	1112	1114	rBV4	2119	3096	0.00%	0.001%
36	8.768	1123	1126	1128	rBV2	721	824	0.00%	0.000%
37	8.841	1128	1138	1151	rVV	1212681	2407616	1.98%	0.854%
38	8.957	1155	1157	1159	rVB3	814	789	0.00%	0.000%
39	9.079	1170	1177	1178	rBV4	2812	5108	0.00%	0.002%
40	9.274	1199	1209	1218	rBV	635295	1342001	1.10%	0.476%
41	9.421	1231	1233	1237	rVB3	740	1128	0.00%	0.000%
42	9.463	1237	1240	1243	rBV3	1180	1283	0.00%	0.000%
43	9.665	1268	1273	1280	rVV7	1980	5061	0.00%	0.002%
44	9.982	1323	1325	1326	rBV	875	718	0.00%	0.000%
45	10.030	1326	1333	1346	rVV	369648	638057	0.52%	0.226%
46	10.201	1358	1361	1367	rVB5	1506	2477	0.00%	0.001%
47	10.323	1372	1381	1387	rBV	1484044	2556189	2.10%	0.907%
48	10.384	1387	1391	1398	rVB	140906	239534	0.20%	0.085%
49	10.573	1415	1422	1433	rBV	235269	406145	0.33%	0.144%
50	10.701	1438	1443	1452	rVB2	12965	23535	0.02%	0.008%
51	10.774	1453	1455	1458	rVB4	1281	1206	0.00%	0.000%
52	10.847	1464	1467	1468	rBV3	1678	1621	0.00%	0.001%
53	10.920	1472	1479	1495	rBV	337223	573818	0.47%	0.204%
54	11.061	1497	1502	1509	rVB	35660	57599	0.05%	0.020%
55	11.170	1518	1520	1522	rBV3	1781	1681	0.00%	0.001%
56	11.262	1529	1535	1536	rBV4	3690	7031	0.01%	0.002%
57	11.628	1587	1595	1607	rBV	1614215	2721788	2.24%	0.966%
58	11.829	1625	1628	1636	rVB4	7513	17498	0.01%	0.006%
59	12.176	1678	1685	1690	rVV8	9841	20249	0.02%	0.007%
60	12.304	1705	1706	1708	rBV2	2784	1778	0.00%	0.001%
61	12.414	1708	1724	1752	rVV	72832	532591	0.44%	0.189%
62	12.688	1763	1769	1777	rBV	382232	644307	0.53%	0.229%
63	12.877	1777	1800	1808	rBV2	804301	4137154	3.40%	1.468%
64	13.310	1855	1871	1884	rBV4	761111	3686361	3.03%	1.308%
65	13.450	1886	1894	1905	rVV2	429883	1632814	1.34%	0.579%
66	13.554	1905	1911	1921	rVB2	1018388	1885594	1.55%	0.669%
67	13.719	1930	1938	1939	rBV2	100434	193333	0.16%	0.069%
68	13.786	1945	1949	1954	rVB	257066	392619	0.32%	0.139%
69	13.853	1954	1960	1968	rBV	929031	1714912	1.41%	0.608%
70	13.950	1970	1976	1983	rBV3	247545	657718	0.54%	0.233%
71	14.036	1987	1990	1992	rBV	168583	218896	0.18%	0.078%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

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\SOM2WLM012720S.M
Title : VOC Analysis

72	14.097	1997	2000	2003	rVB	310865	381787	0.31%	0.135%
73	14.139	2003	2007	2013	rVB	476427	839174	0.69%	0.298%
74	14.231	2013	2022	2027	rBV	4095505	6424842	5.29%	2.279%
75	14.286	2027	2031	2036	rVB3	607368	852078	0.70%	0.302%
76	14.334	2036	2039	2044	rVB	332289	487684	0.40%	0.173%
77	14.414	2047	2052	2055	rBV	1494004	2313198	1.90%	0.821%
78	14.456	2055	2059	2063	rVV	3555067	5604598	4.61%	1.988%
79	14.499	2063	2066	2070	rVV2	1091638	1635708	1.35%	0.580%
80	14.554	2070	2075	2080	rVB	3354136	5315188	4.37%	1.886%
81	14.639	2086	2089	2092	rBV	149666	173854	0.14%	0.062%
82	14.688	2092	2097	2100	rBV	696482	1103449	0.91%	0.391%
83	14.725	2100	2103	2108	rVB2	546466	800741	0.66%	0.284%
84	14.792	2108	2114	2121	rBV2	5804545	11538368	9.49%	4.094%
85	14.865	2121	2126	2134	rBV4	1403899	3188279	2.62%	1.131%
86	14.950	2134	2140	2148	rVB2	10800193	18103771	14.90%	6.423%
87	15.023	2148	2152	2153	rBV	482804	568583	0.47%	0.202%
88	15.066	2155	2159	2162	rBV2	938963	1598130	1.31%	0.567%
89	15.170	2171	2176	2183	rBV4	1358841	3198500	2.63%	1.135%
90	15.316	2189	2200	2203	rBV2	2154481	5478790	4.51%	1.944%
91	15.365	2204	2208	2214	rVB	2655155	4589121	3.78%	1.628%
92	15.468	2221	2225	2230	rBV2	838559	1453708	1.20%	0.516%
93	15.554	2236	2239	2244	rVB	1257694	1737877	1.43%	0.617%
94	15.651	2252	2255	2260	rVV	1224904	1820410	1.50%	0.646%
95	15.712	2262	2265	2273	rVB3	1313724	2587248	2.13%	0.918%
96	15.846	2279	2287	2292	rBV2	1493613	3724692	3.06%	1.321%
97	15.962	2299	2306	2312	rBV3	1633832	4423164	3.64%	1.569%
98	16.377	2366	2374	2378	rBV	1689658	4041003	3.32%	1.434%
99	16.438	2378	2384	2391	rVV	15695174	32316039	26.59%	11.465%
100	16.645	2409	2418	2430	rVB3	49854838	121534946	100.00%	43.118%

Sum of corrected areas: 281869026

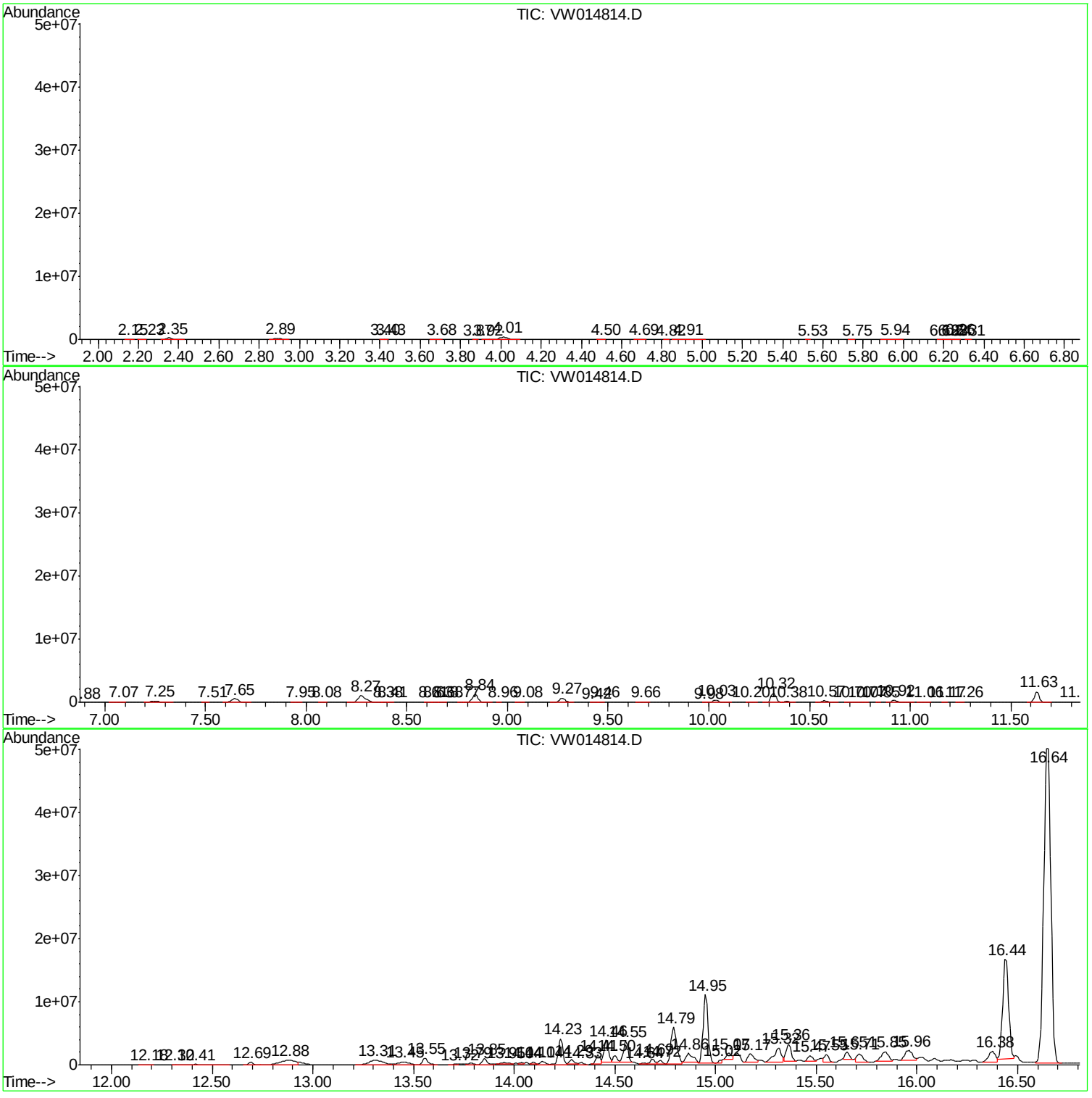
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

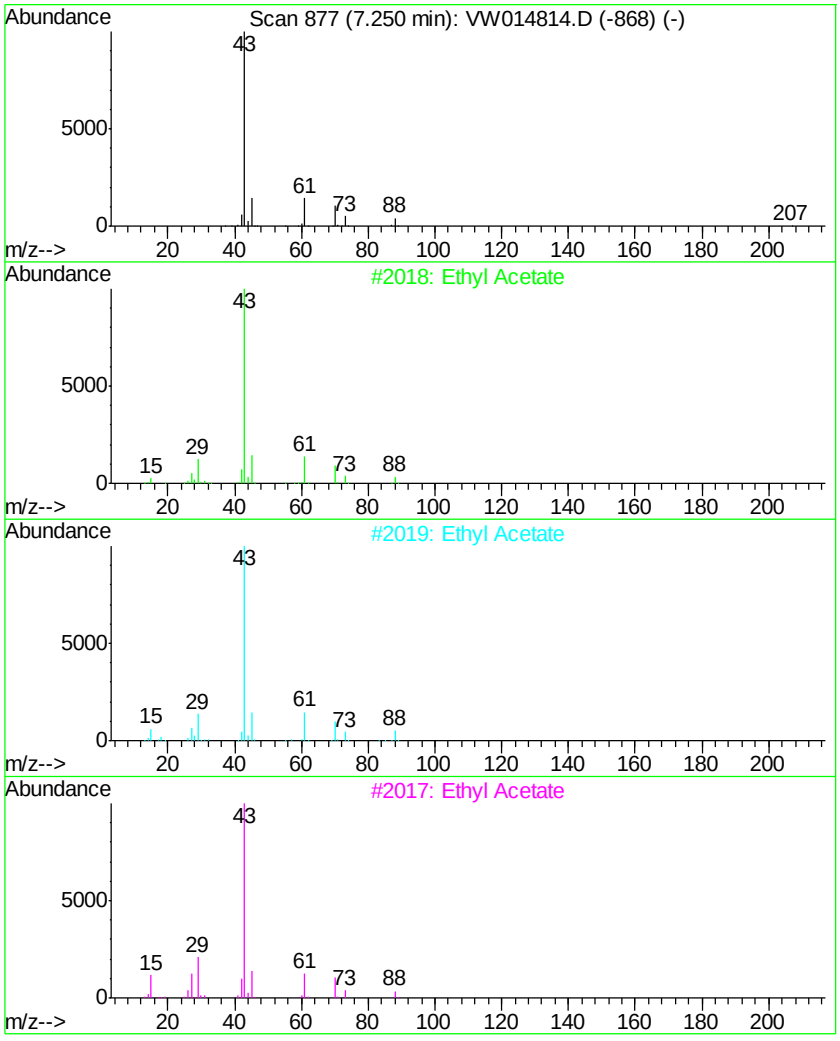
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

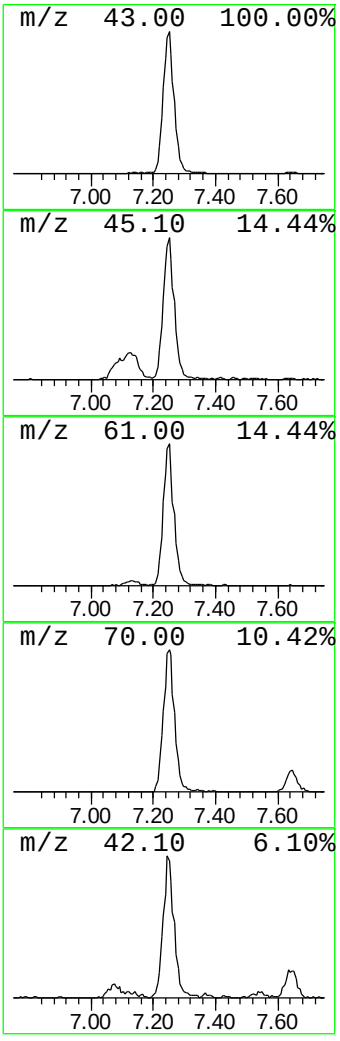
****

Peak Number 1 Ethyl Acetate Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.21 ug/L	501597	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	59
3	Ethyl Acetate	88	C4H8O2	000141-78-6	59
4	Ethyl Acetate	88	C4H8O2	000141-78-6	59
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

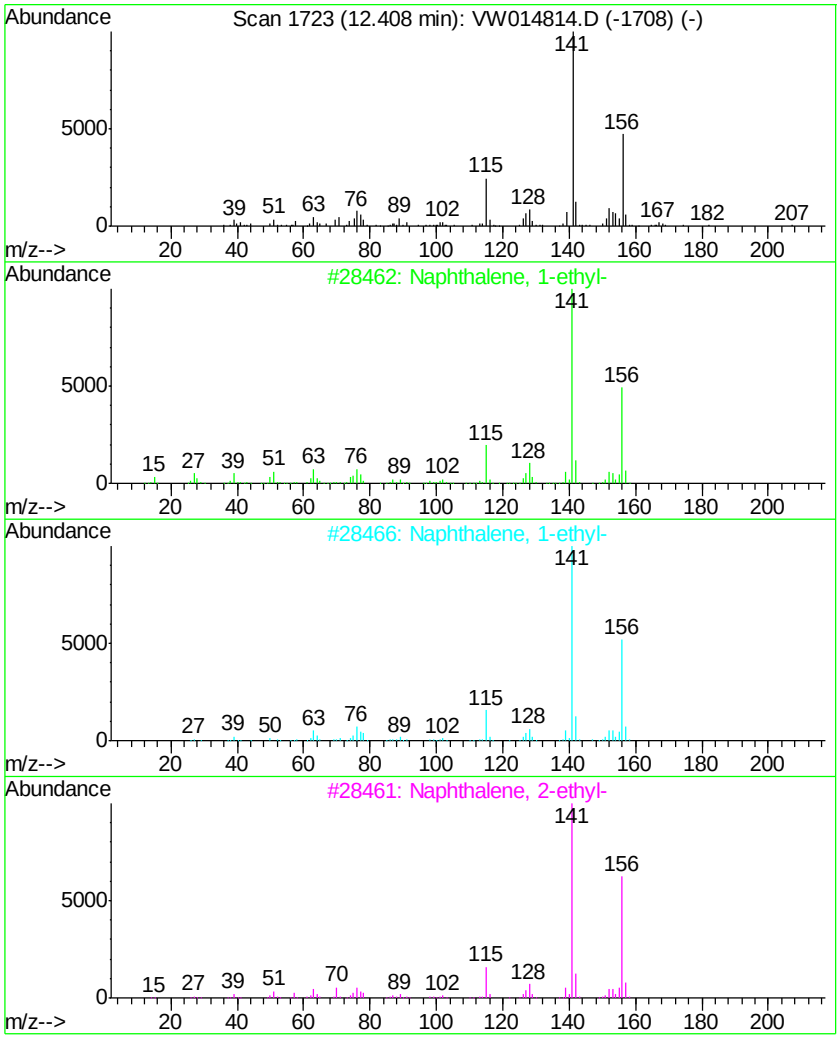
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

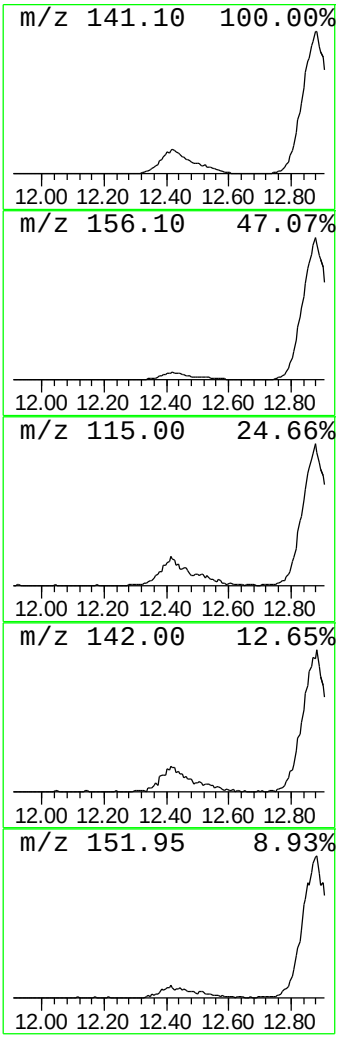
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	4.89 ug/L	532591	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

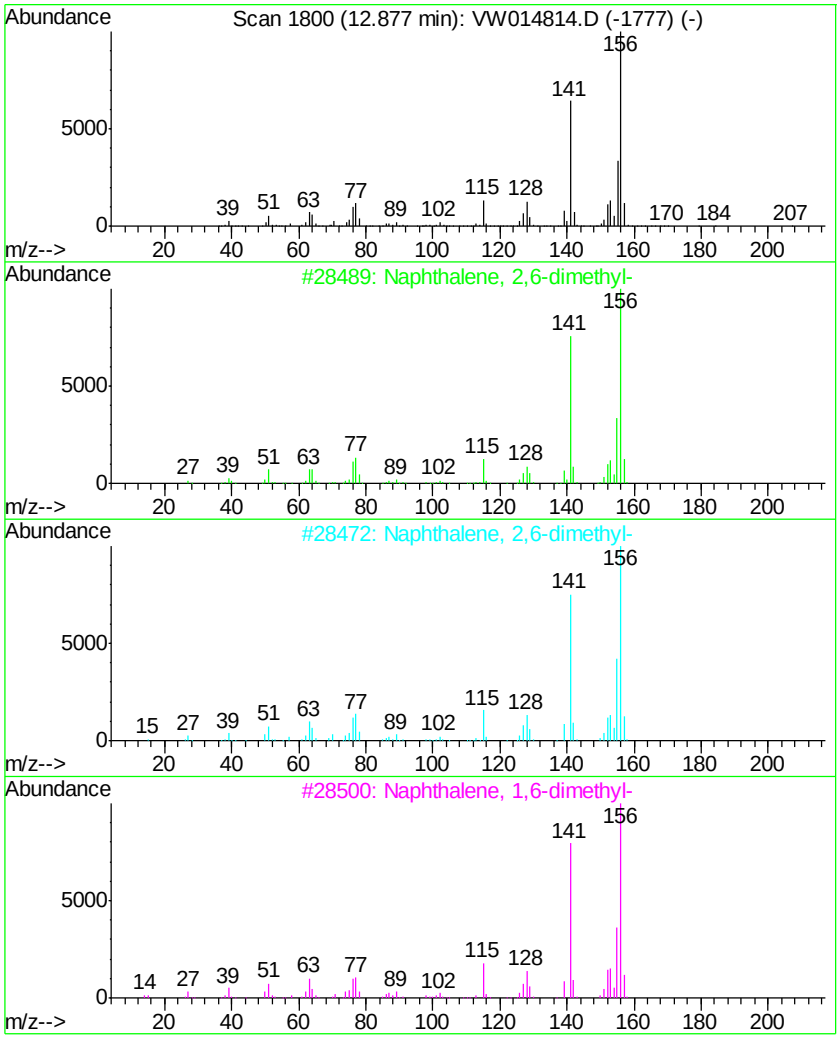
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

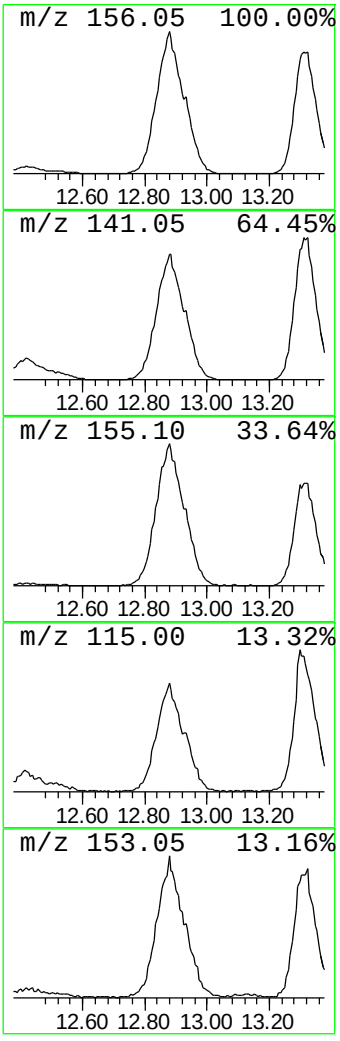
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	54.85 ug/L	4137150	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

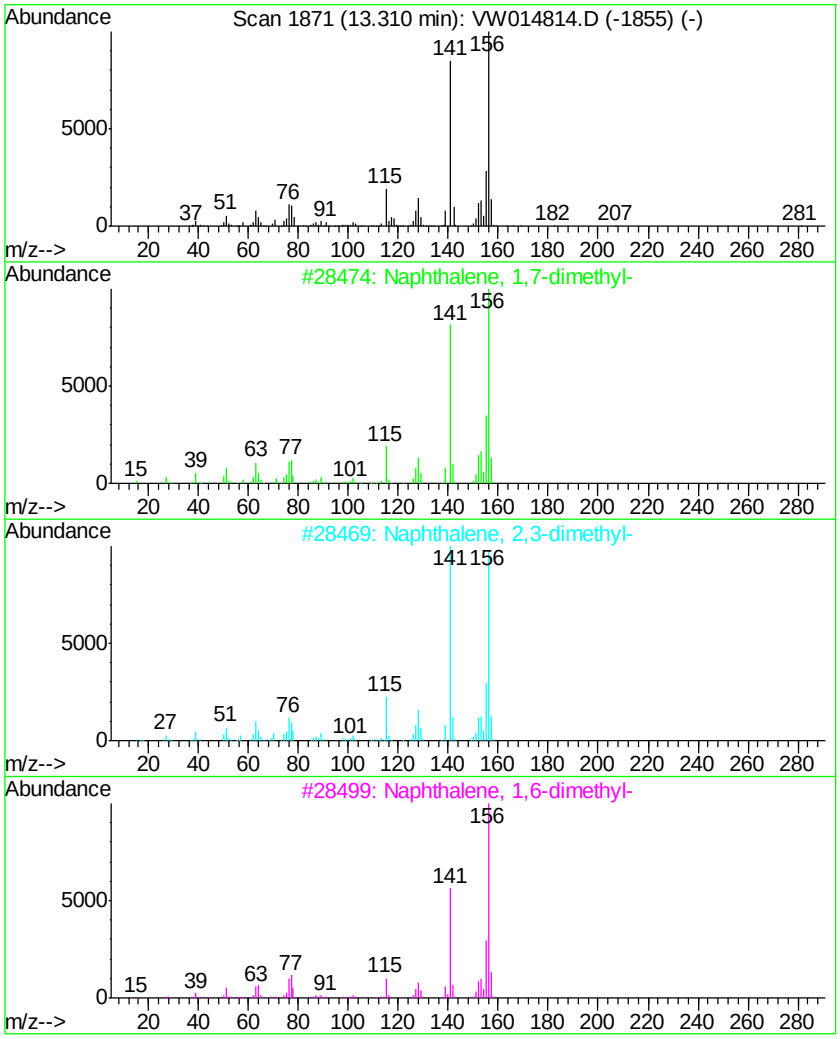
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

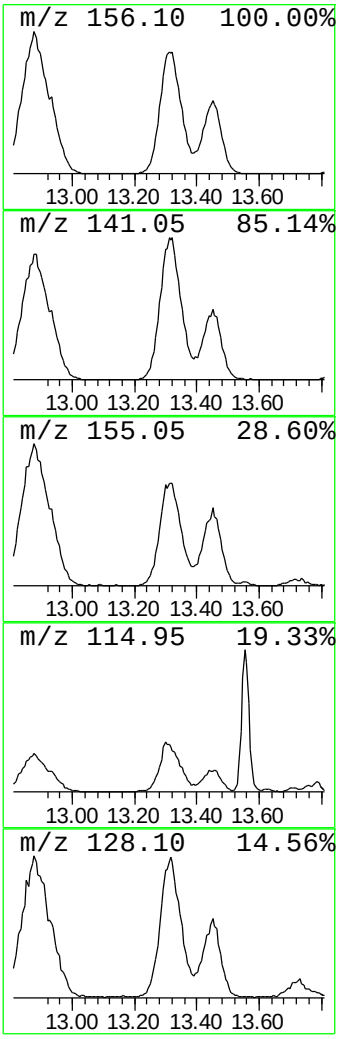
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	48.88 ug/L	3686360	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

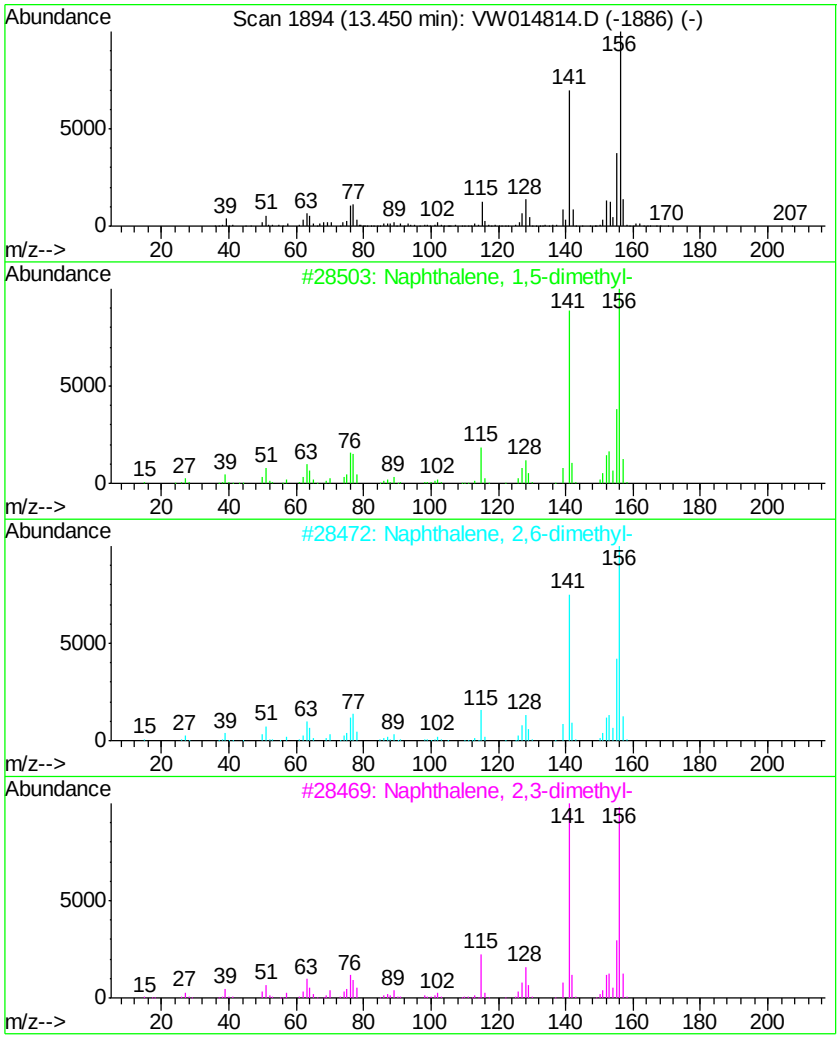
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

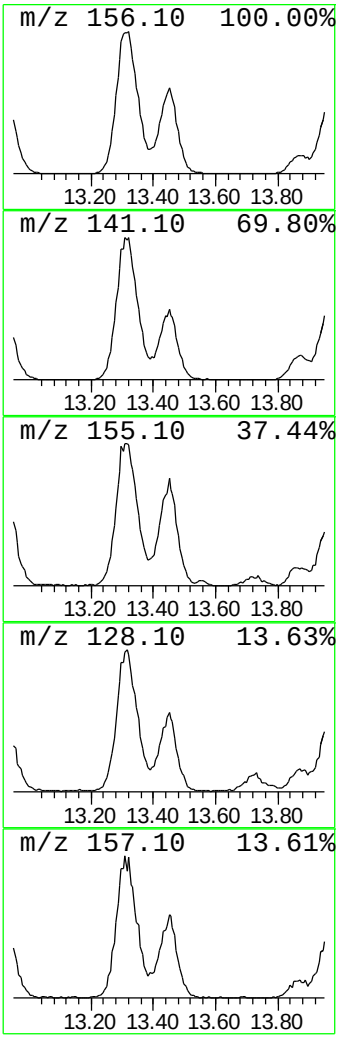
****

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	21.65 ug/L	1632810	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

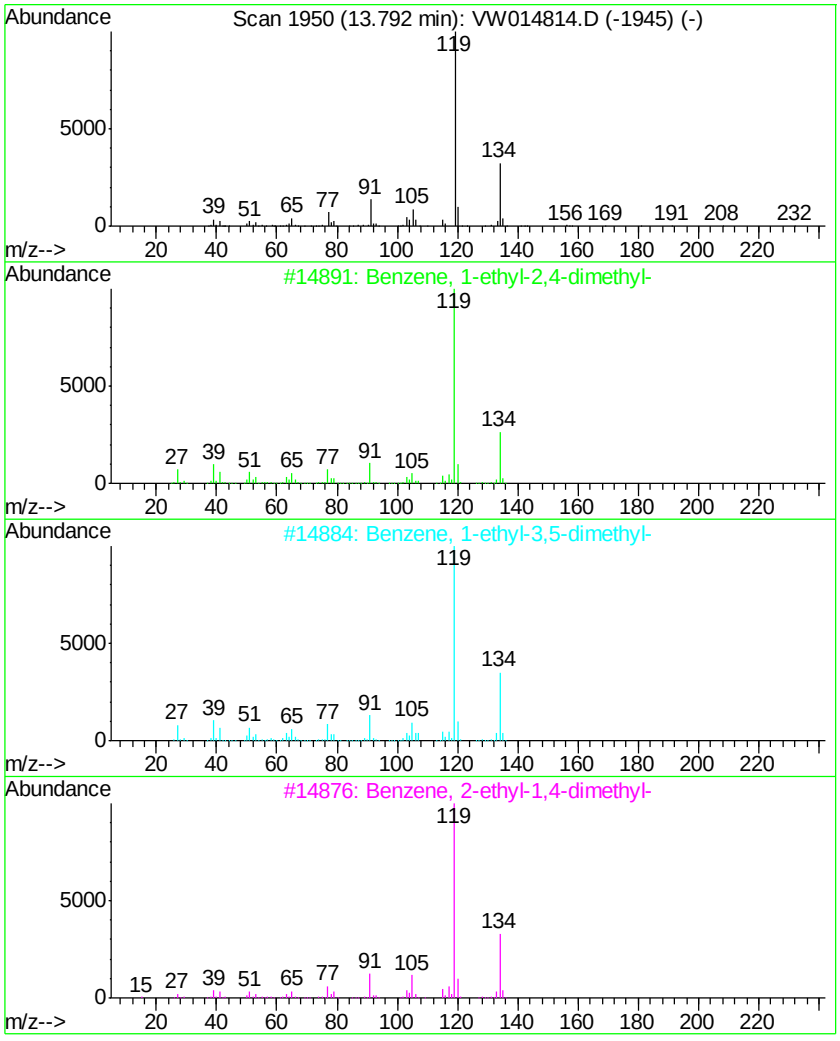
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

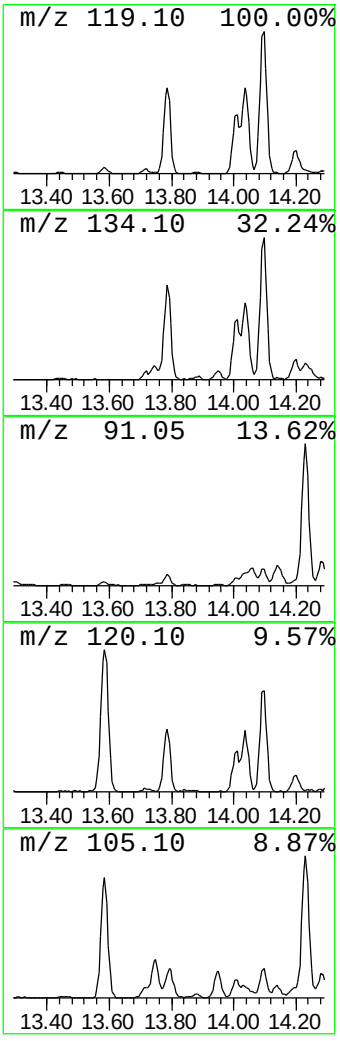
****

Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.21 ug/L	392619	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

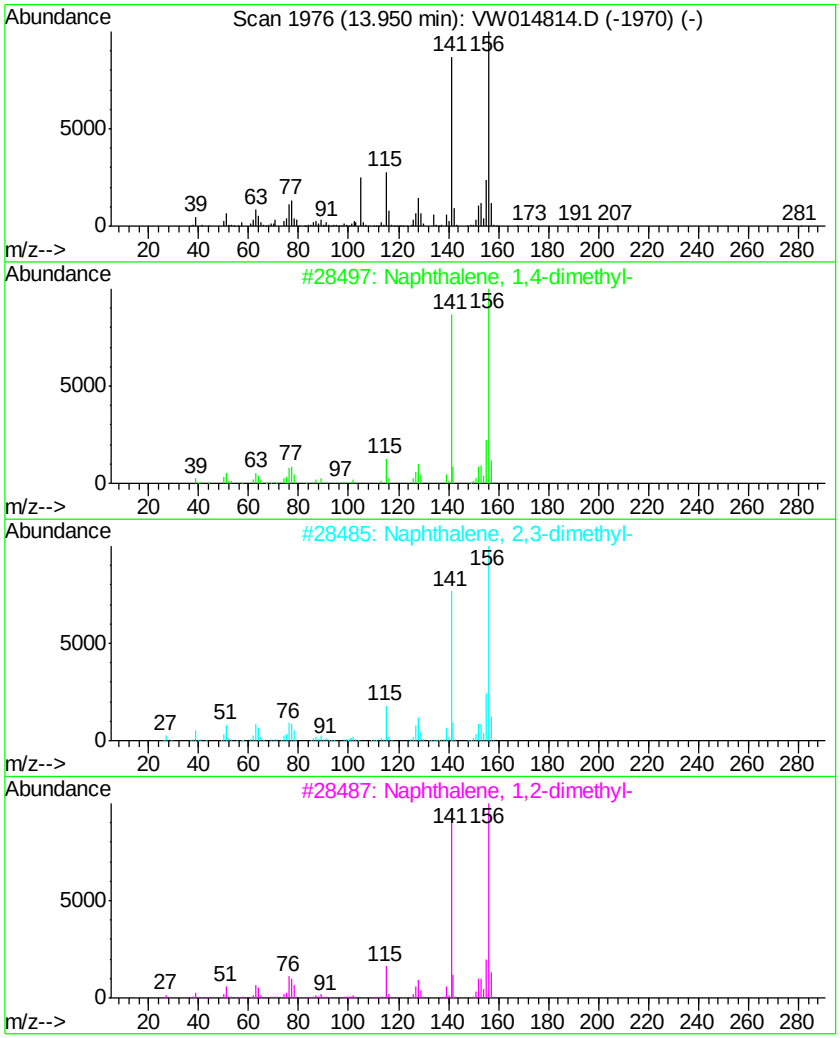
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

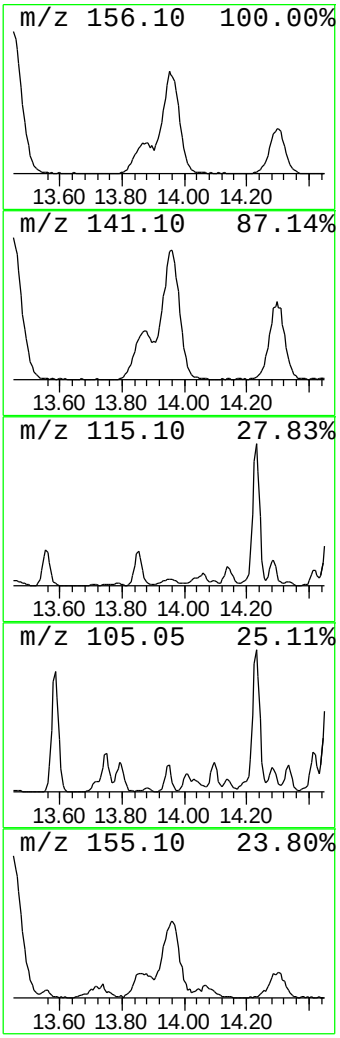
****

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	8.72 ug/L	657718	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

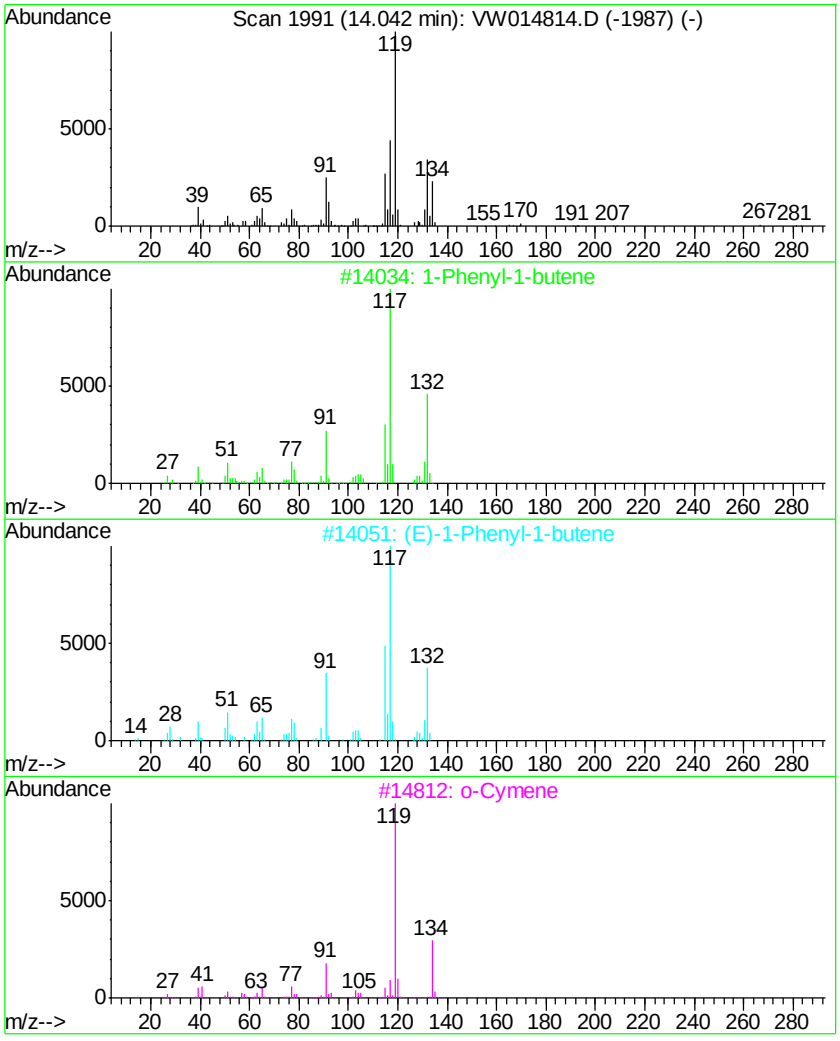
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

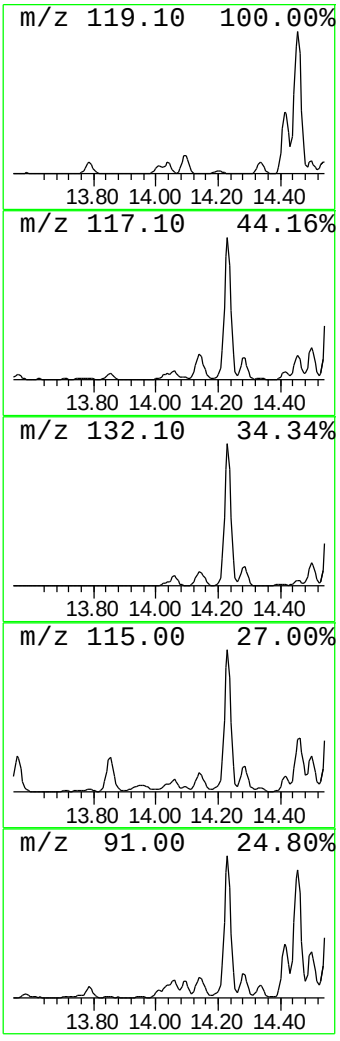
****

Peak Number 10 1-Phenyl-1-butene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.90 ug/L	218896	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	62
3	o-Cymene	134	C10H14	000527-84-4	60
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

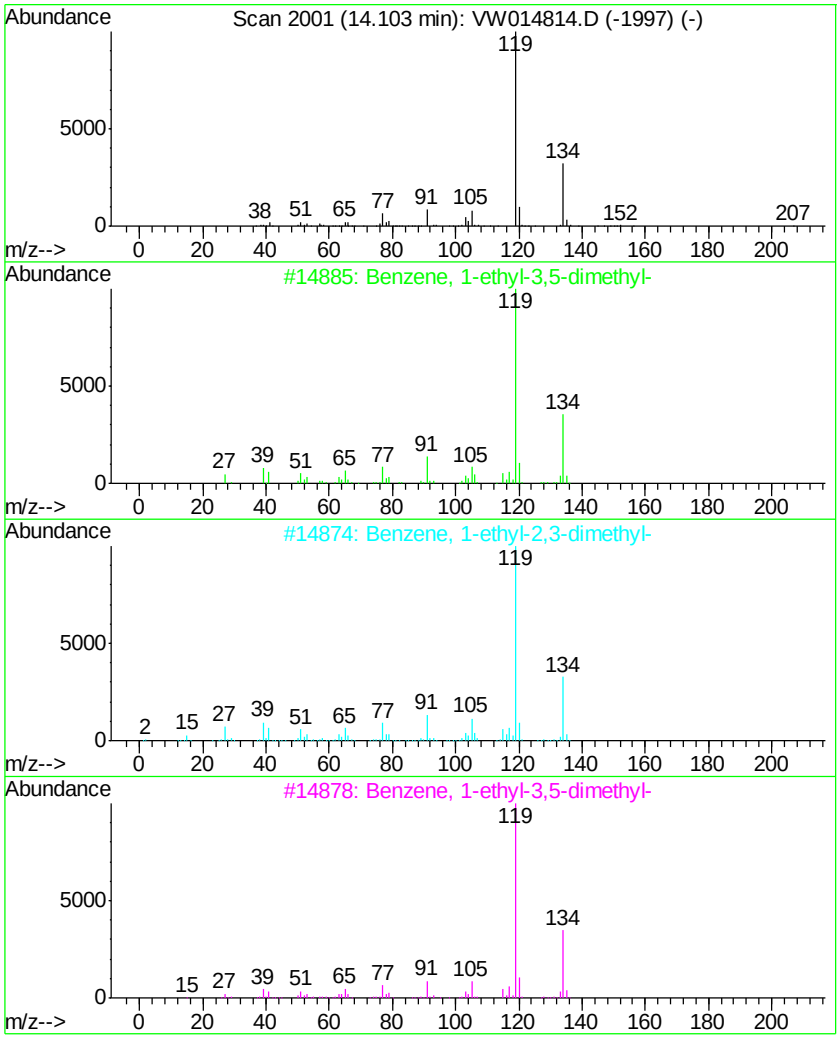
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

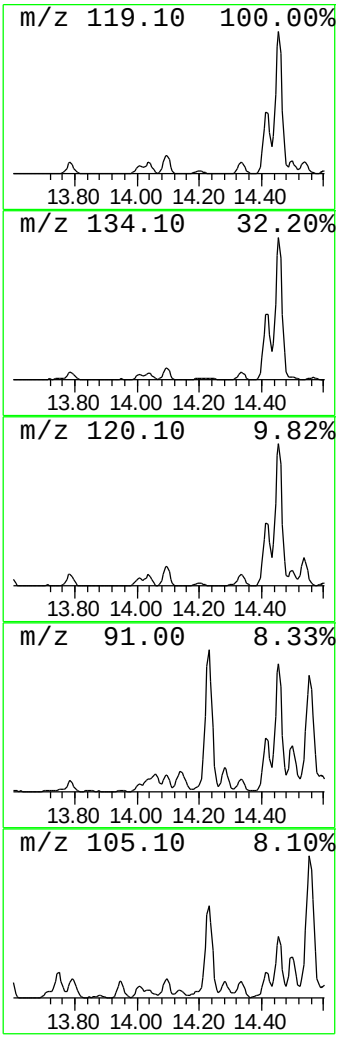
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.06 ug/L	381787	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

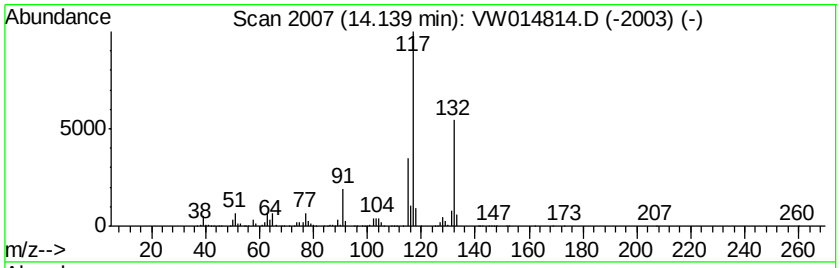
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

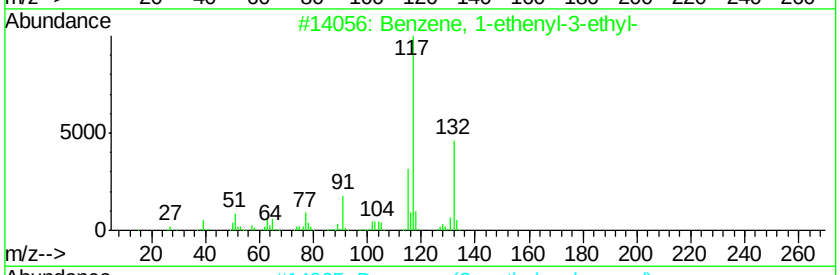
****

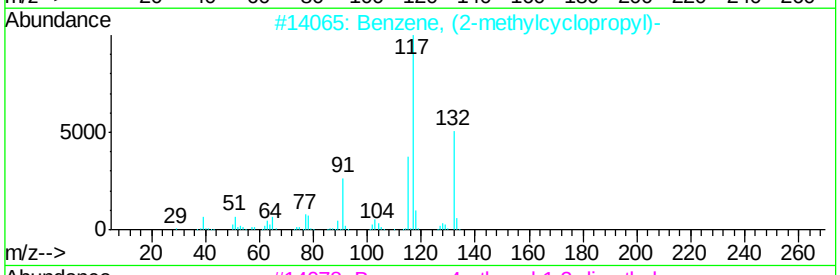
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 27

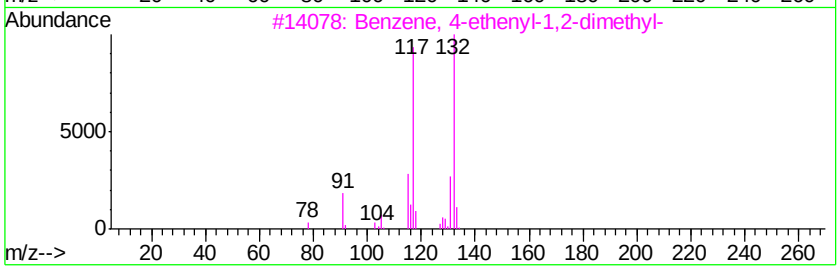
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	11.13 ug/L	839174	1,4-Dichlorobenzene-d4	13.55

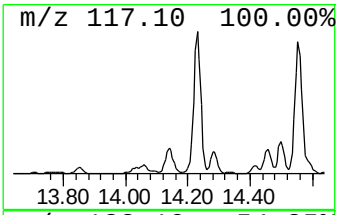
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91

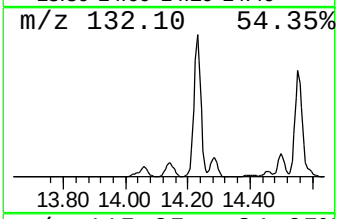


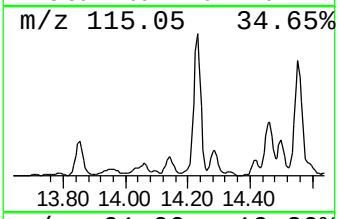


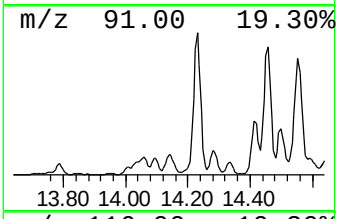


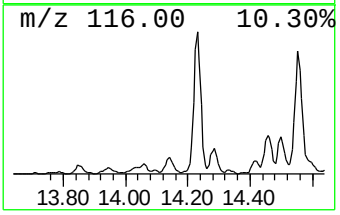












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

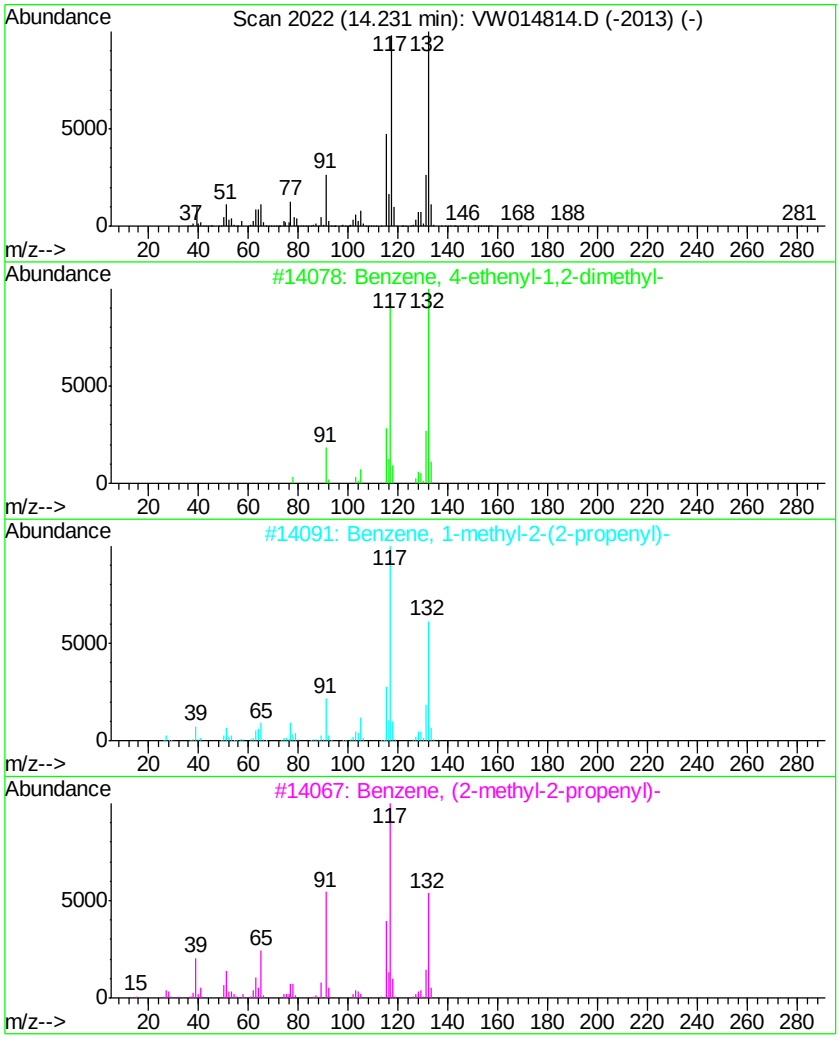
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

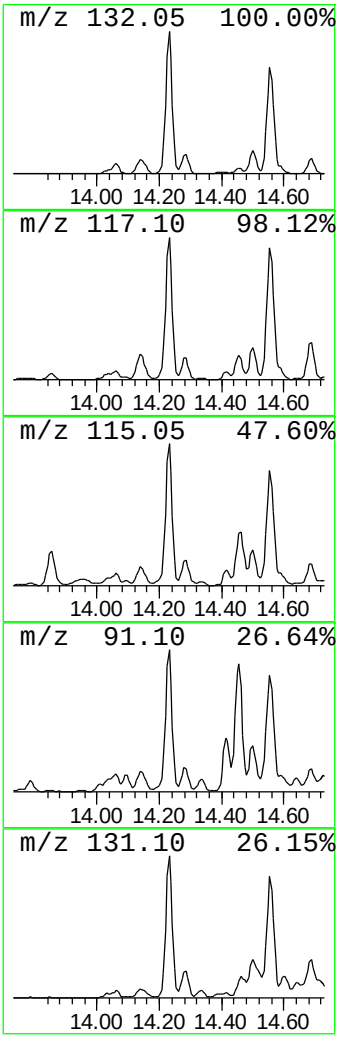
****

Peak Number 13 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	85.18 ug/L	6424840	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

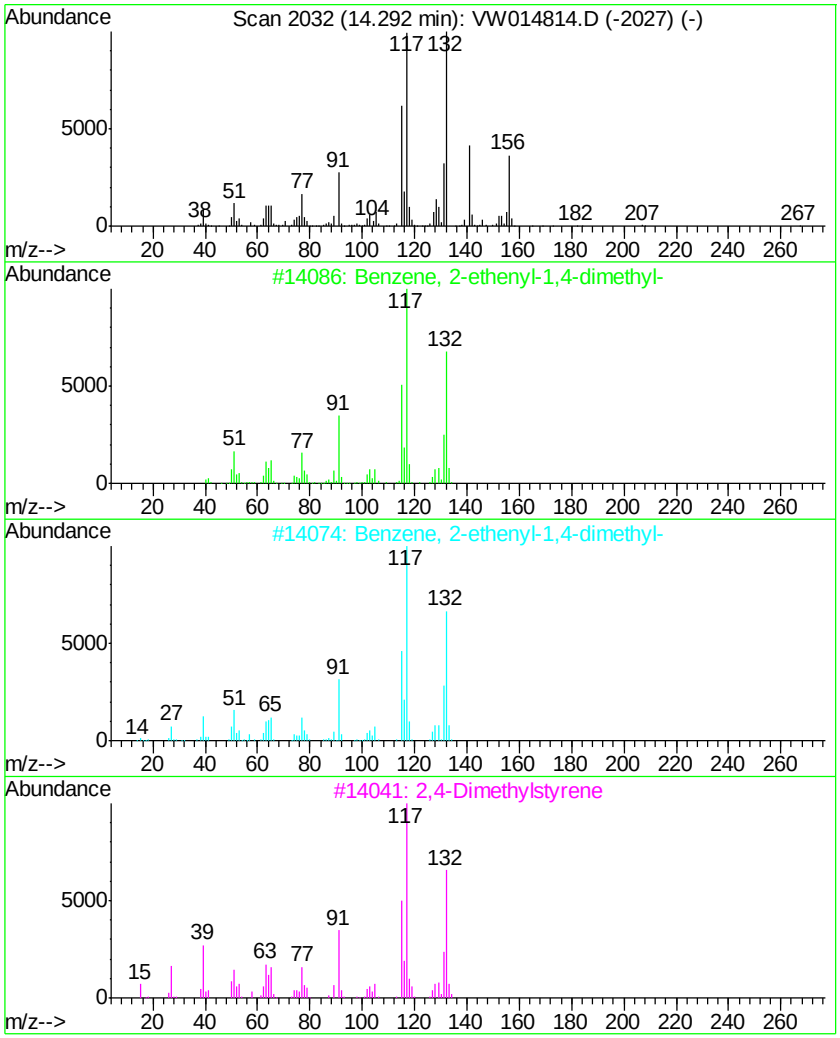
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

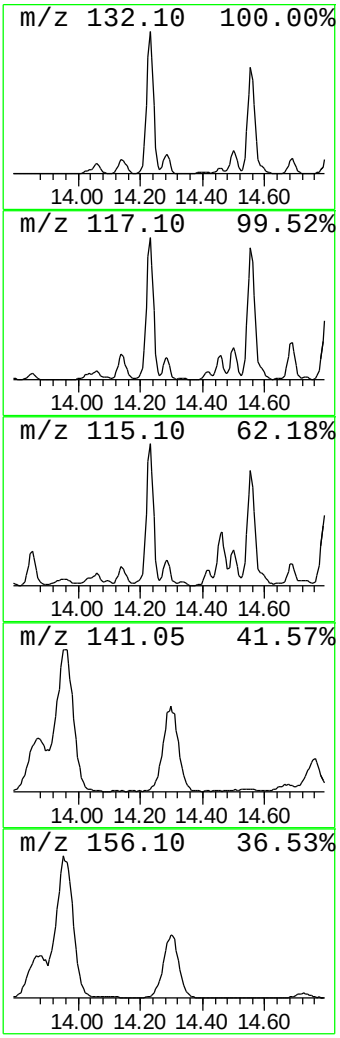
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	11.30 ug/L	852078	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

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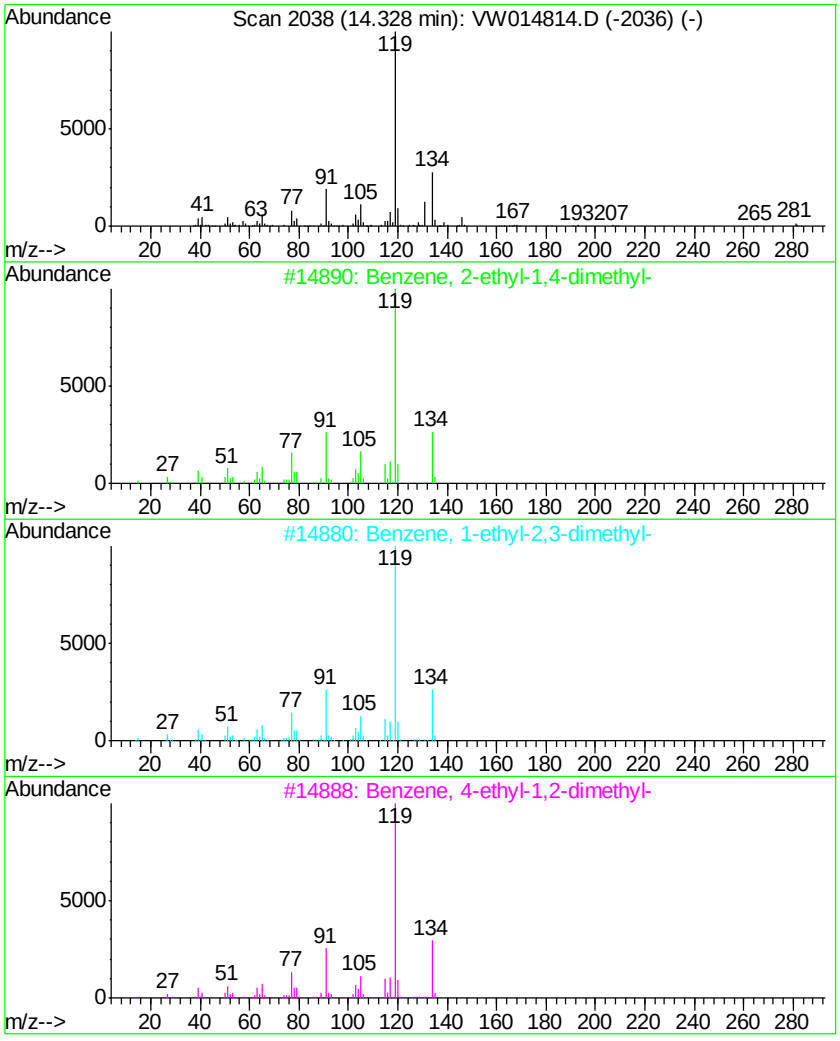
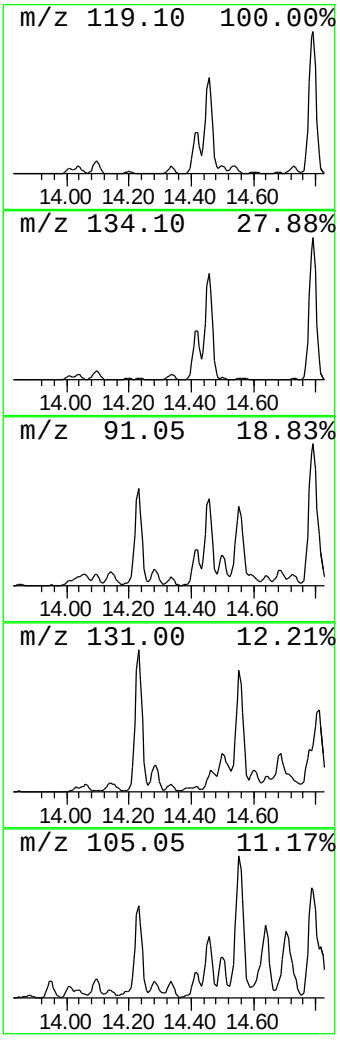
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	6.47 ug/L	487684	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

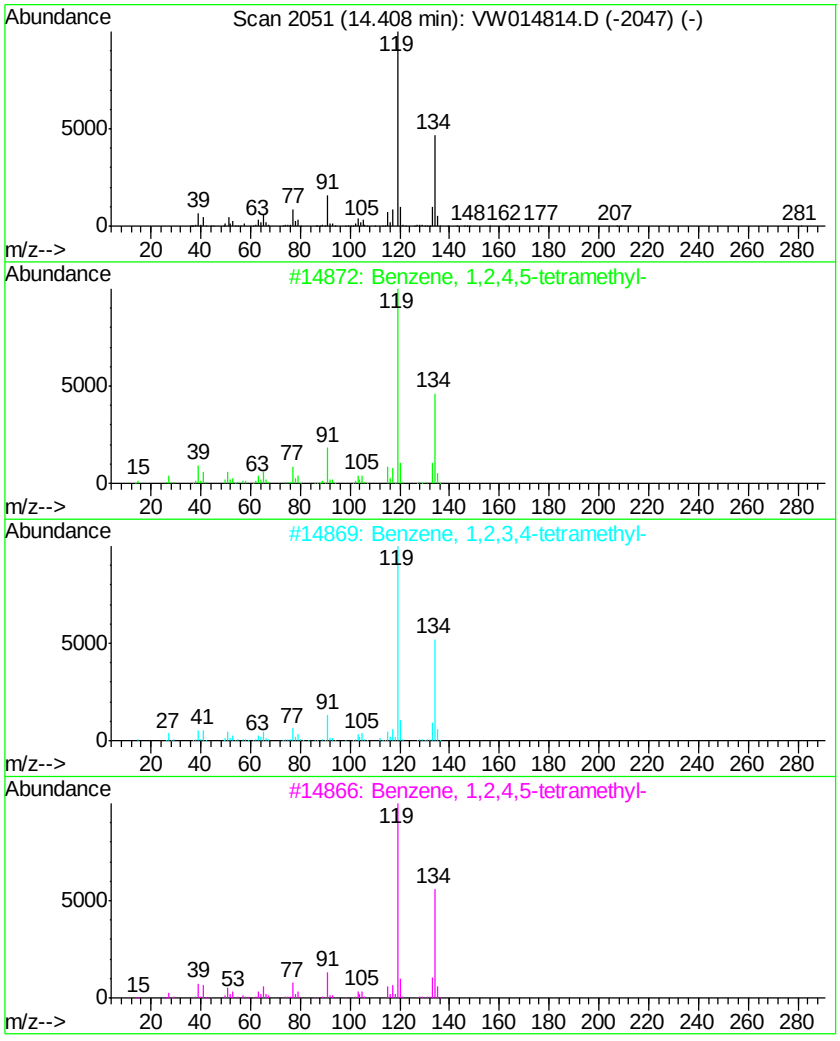
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

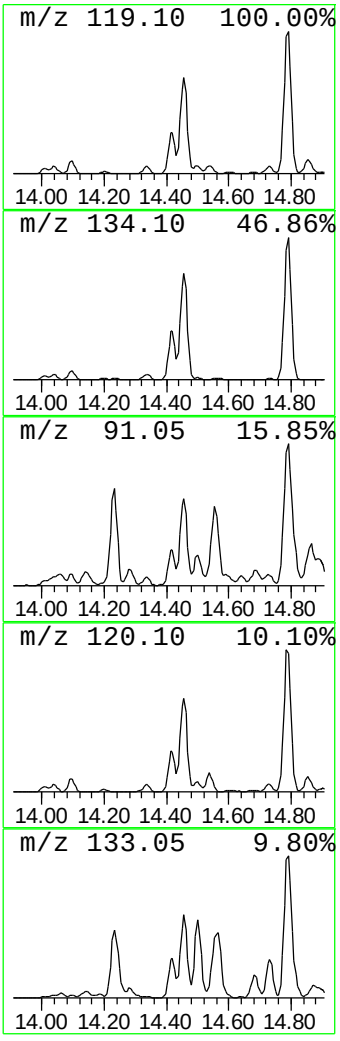
****

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	30.67 ug/L	2313200	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

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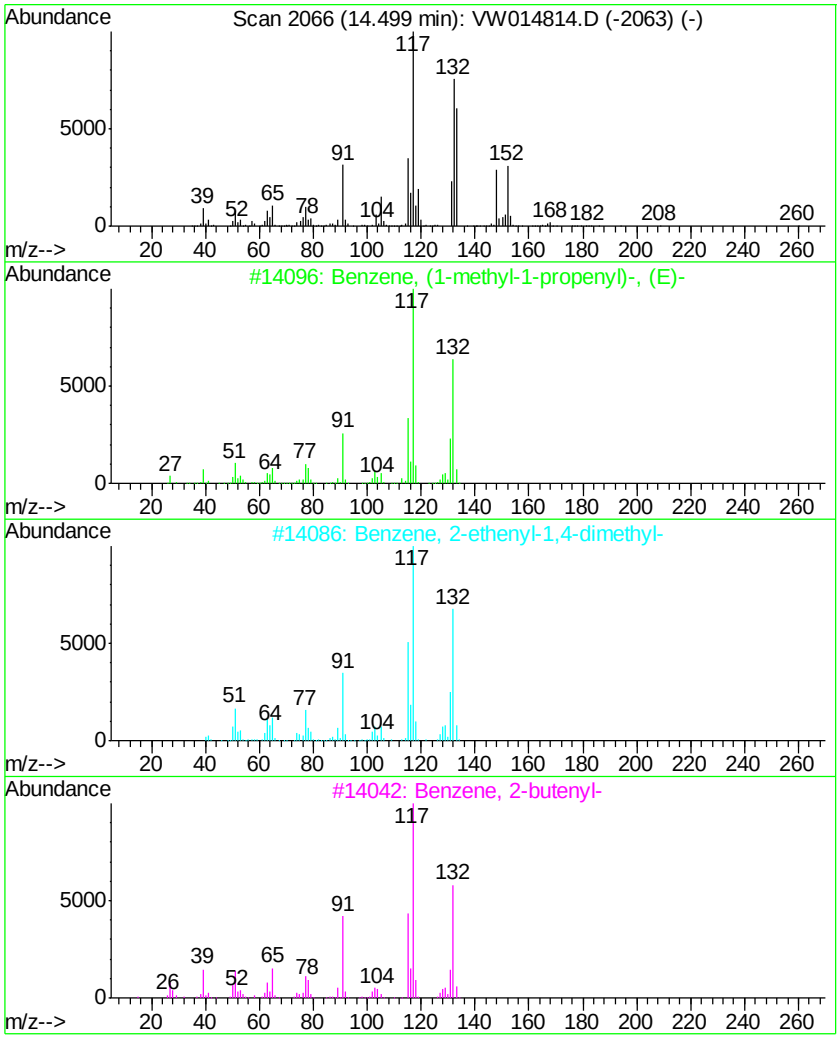
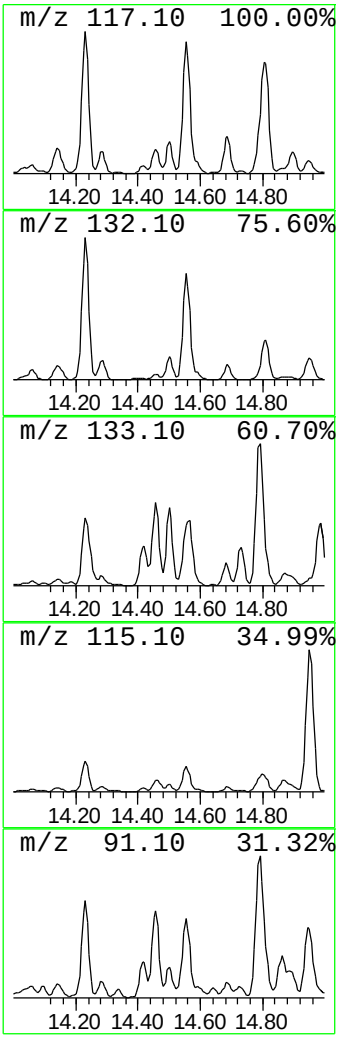
Peak Number 18 Benzene, (1-methyl-1-propen... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	21.69 ug/L	1635710	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

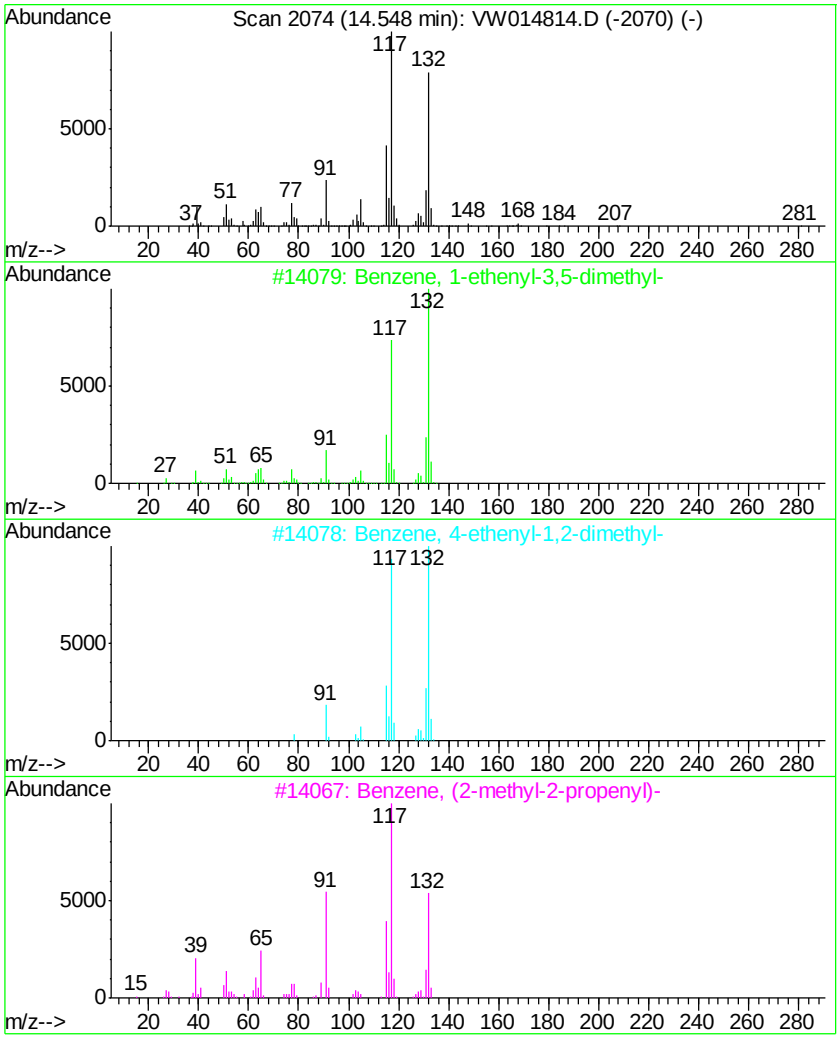
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

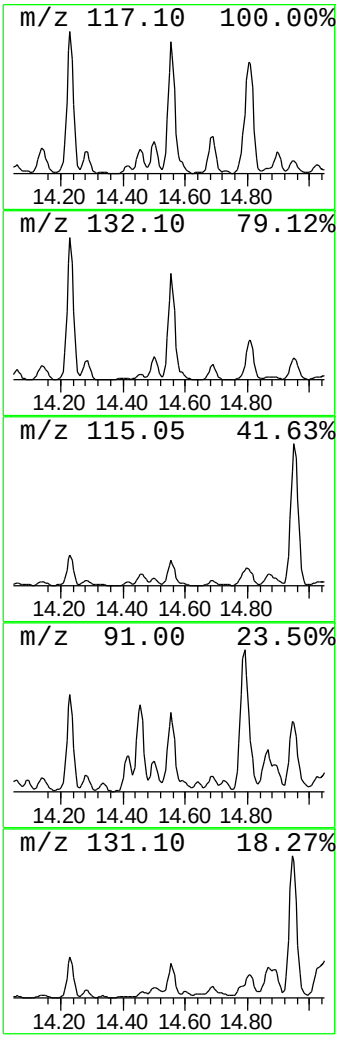
****

Peak Number 19 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	70.47 ug/L	5315190	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

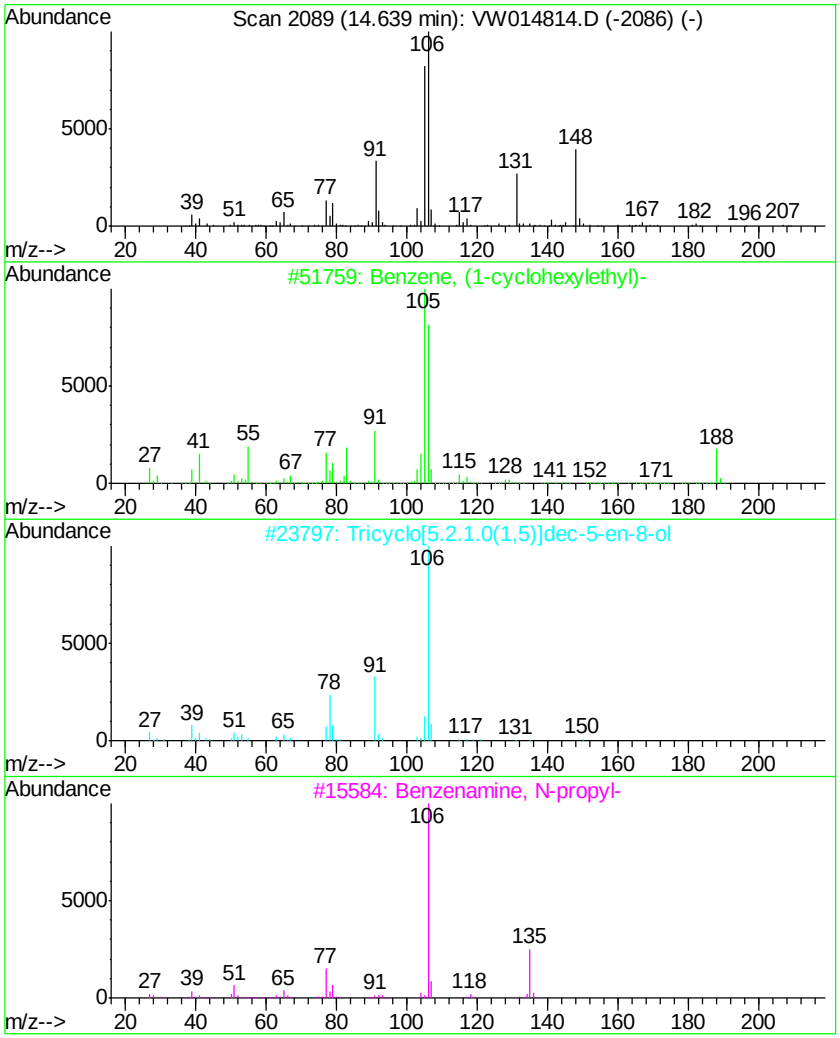
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

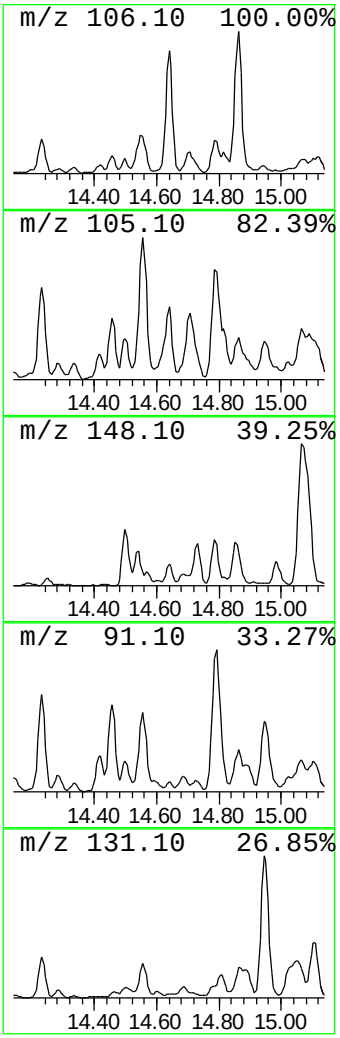
****

Peak Number 20 Benzene, (1-cyclohexylethyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.31 ug/L	173854	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	50
2	Tricyclo[5.2.1.0(1,5)]dec-5-en-8-ol	150	C10H14O	1000188-20-8	46
3	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	38
4	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	38
5	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	38





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Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

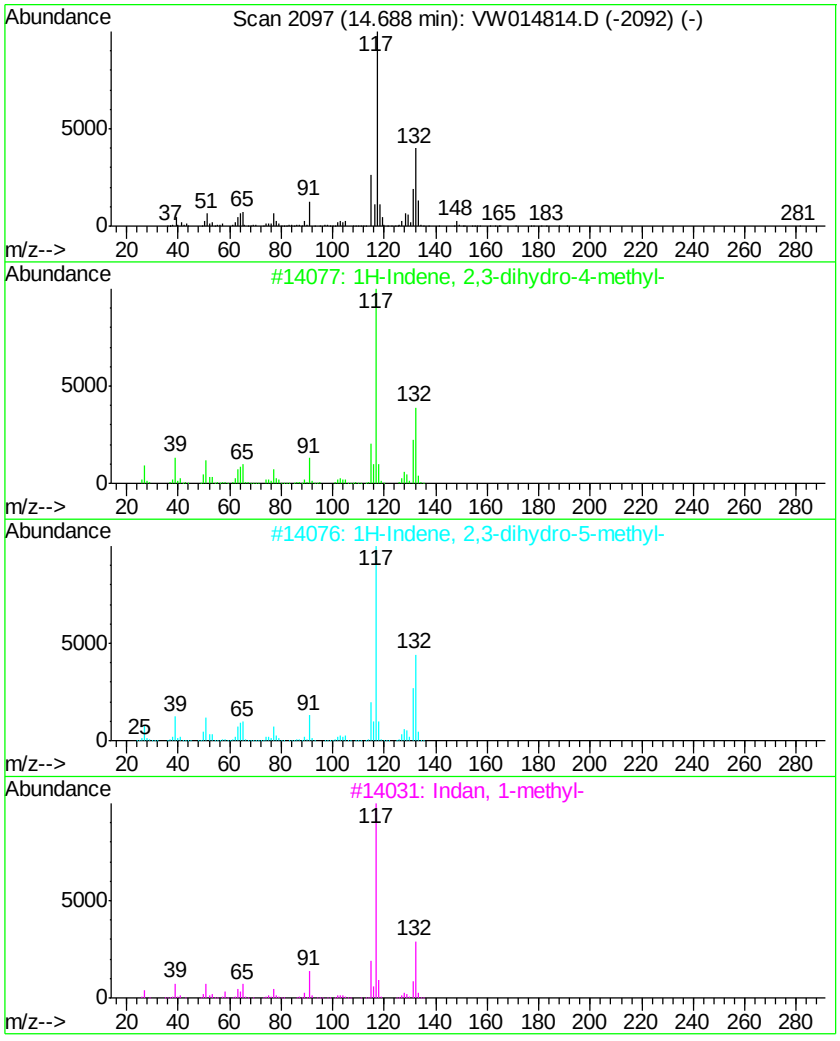
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

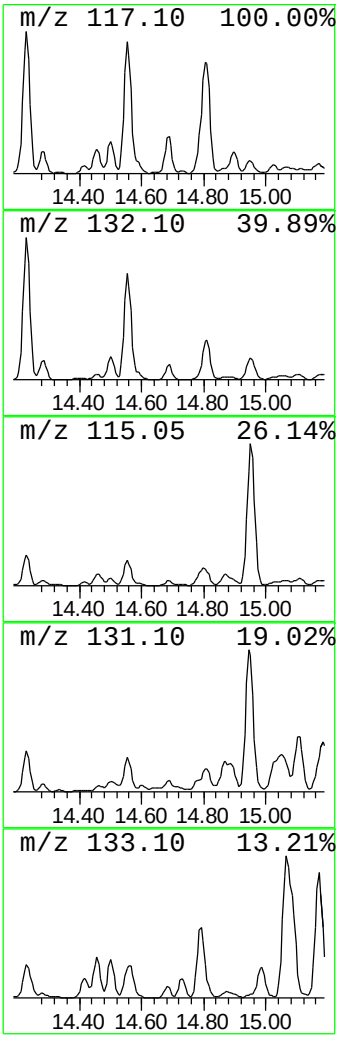
****

Peak Number 21 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	14.63 ug/L	1103450	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

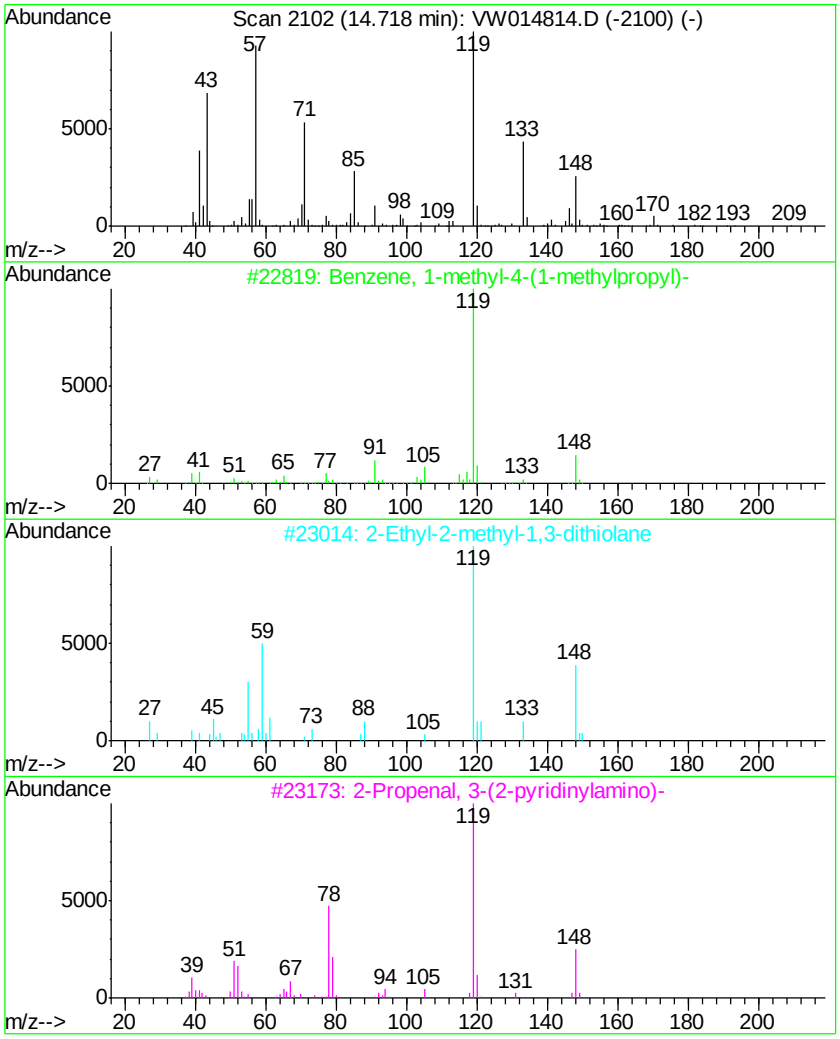
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

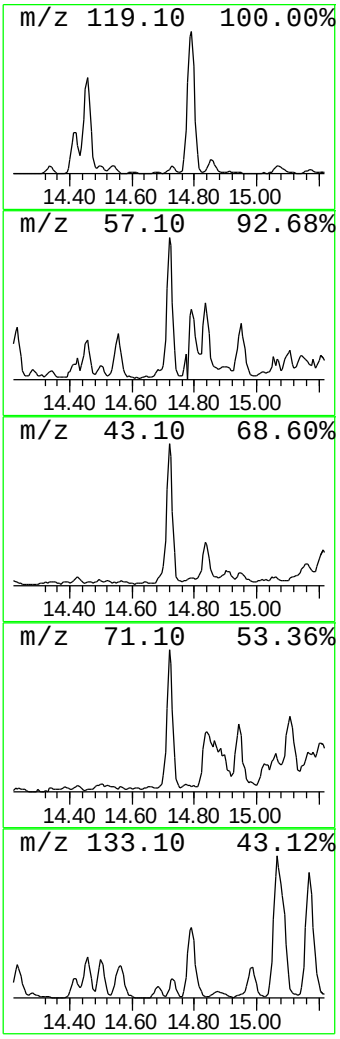
****

Peak Number 22 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	10.62 ug/L	800741	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
2	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	38
3	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	37
4	1,3-Benzenediol, o-(2-chlorobenz...	366	C21H15ClO4	1000330-74-9	35
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

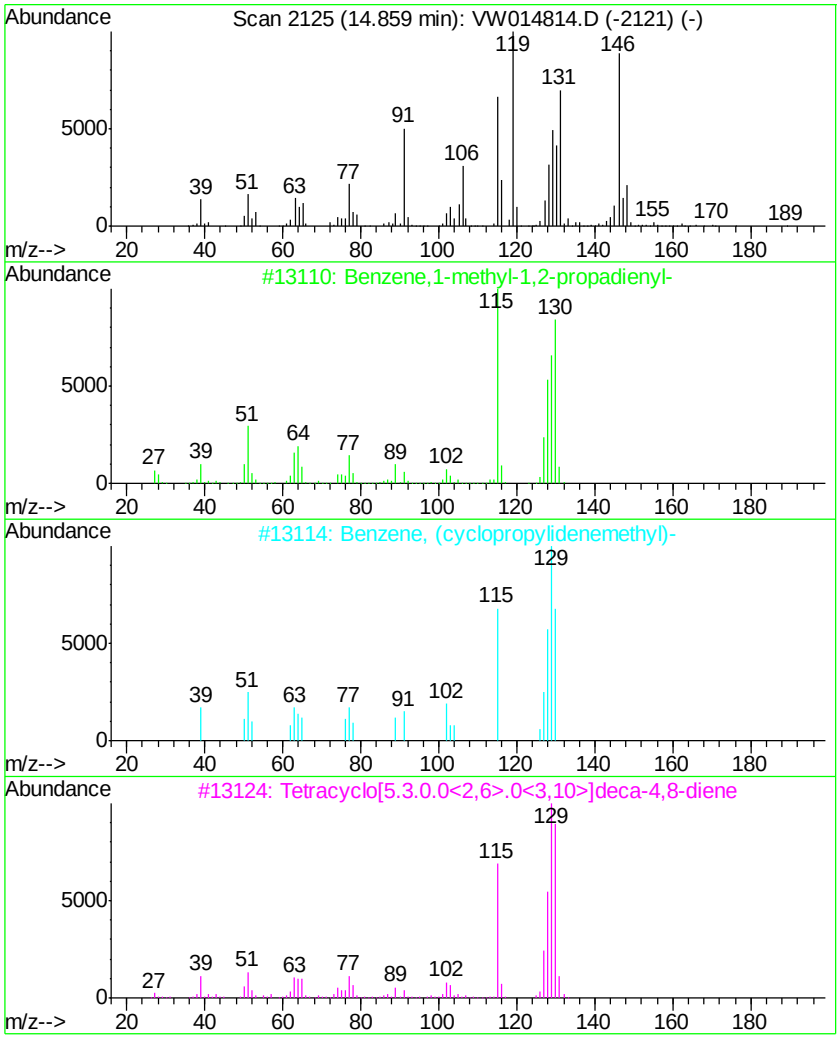
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

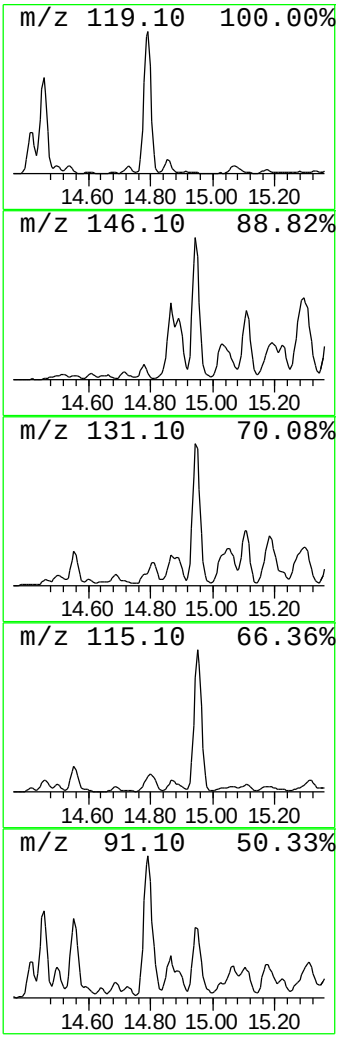
****

Peak Number 24 Benzene,1-methyl-1,2-propad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	42.27 ug/L	3188280	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	74
2	Benzene, (cyclopropylidenemethyl)-	130	C10H10	007555-67-1	38
3	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	38
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	35
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

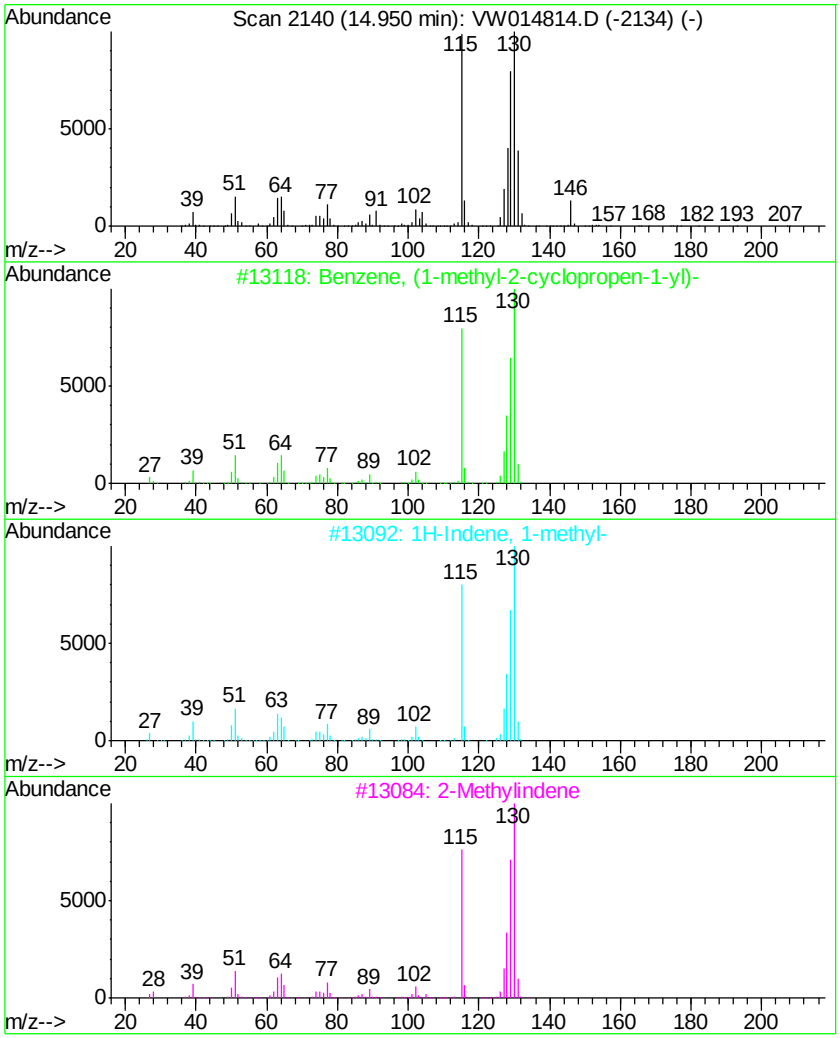
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

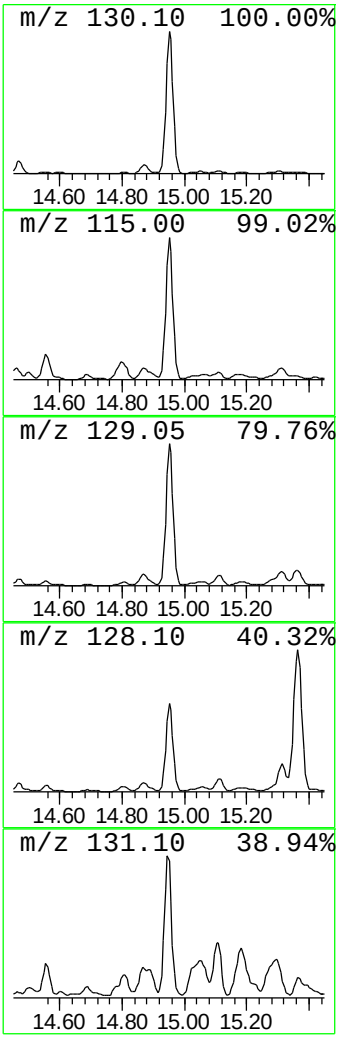
****

Peak Number 25 Benzene, (1-methyl-2-cyclop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	240.03 ug/L	18103800	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

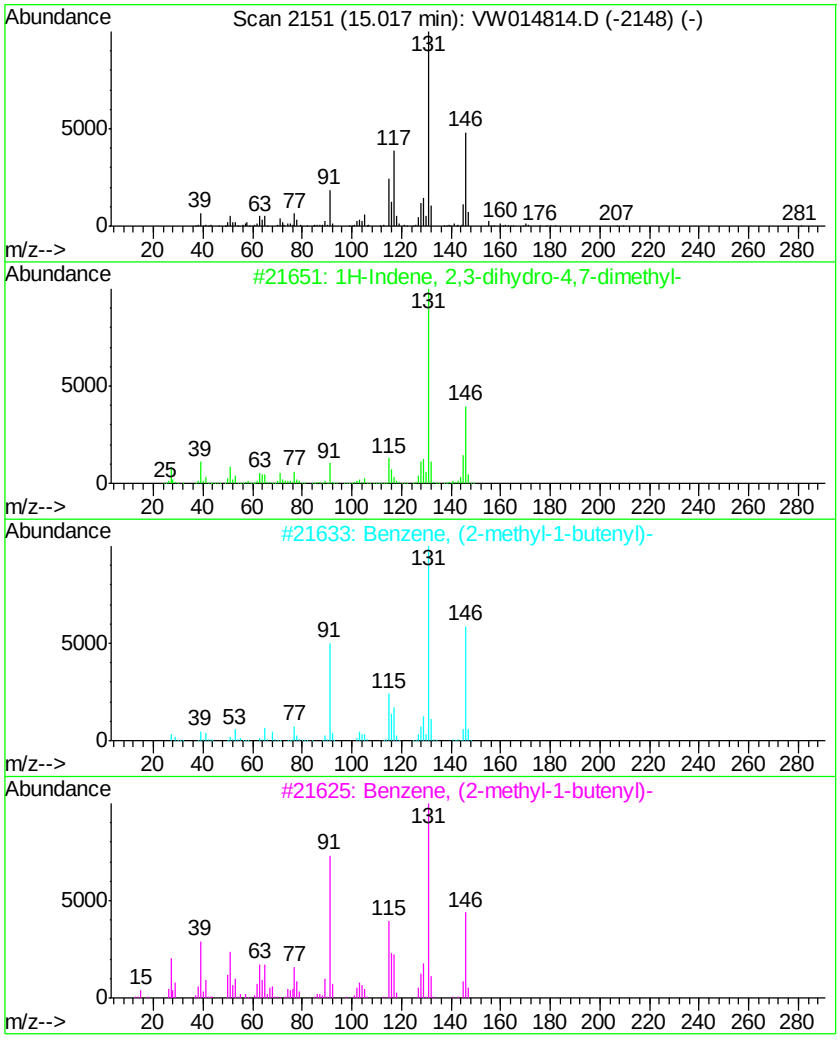
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

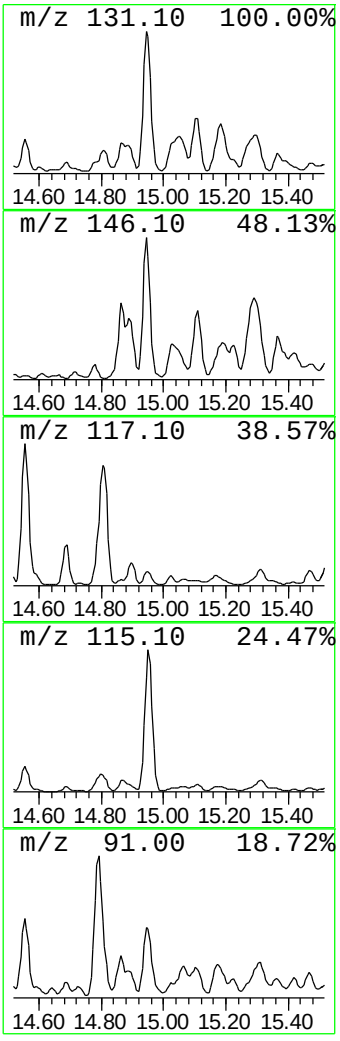
****

Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	7.54 ug/L	568583	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90





Library Search Compound Report

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Data File : VW014814.D
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Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

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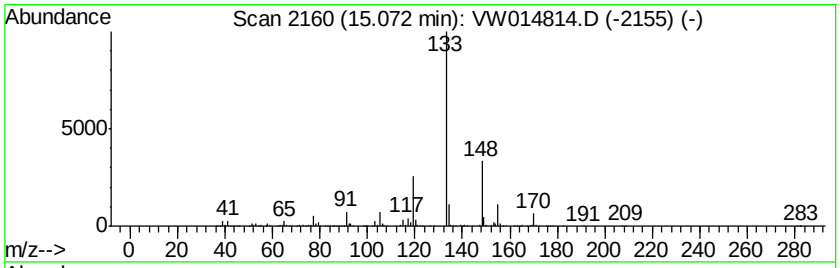
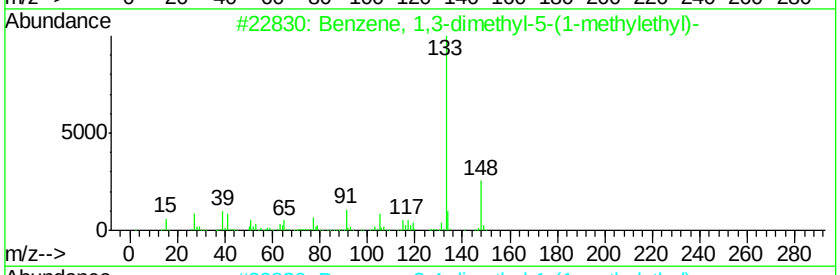
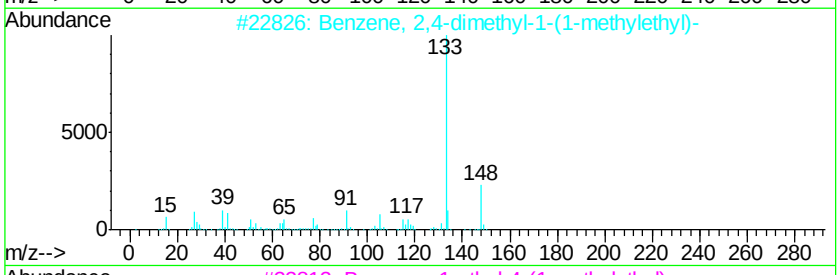
Peak Number 27 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 23

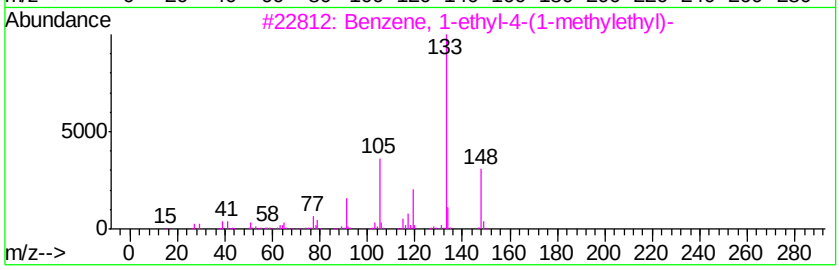
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	21.19 ug/L	1598130	1,4-Dichlorobenzene-d4	13.55

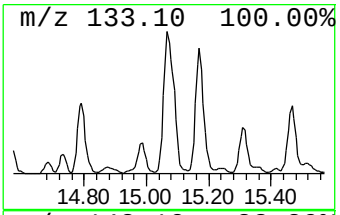
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	74
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	68

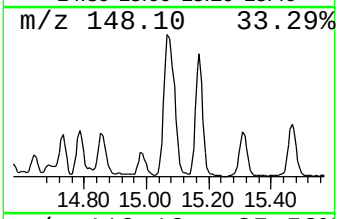


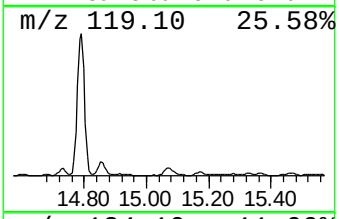


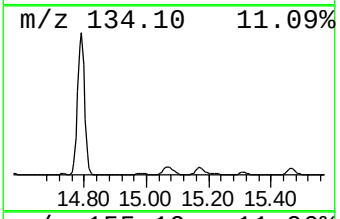


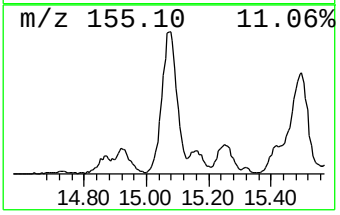












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Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

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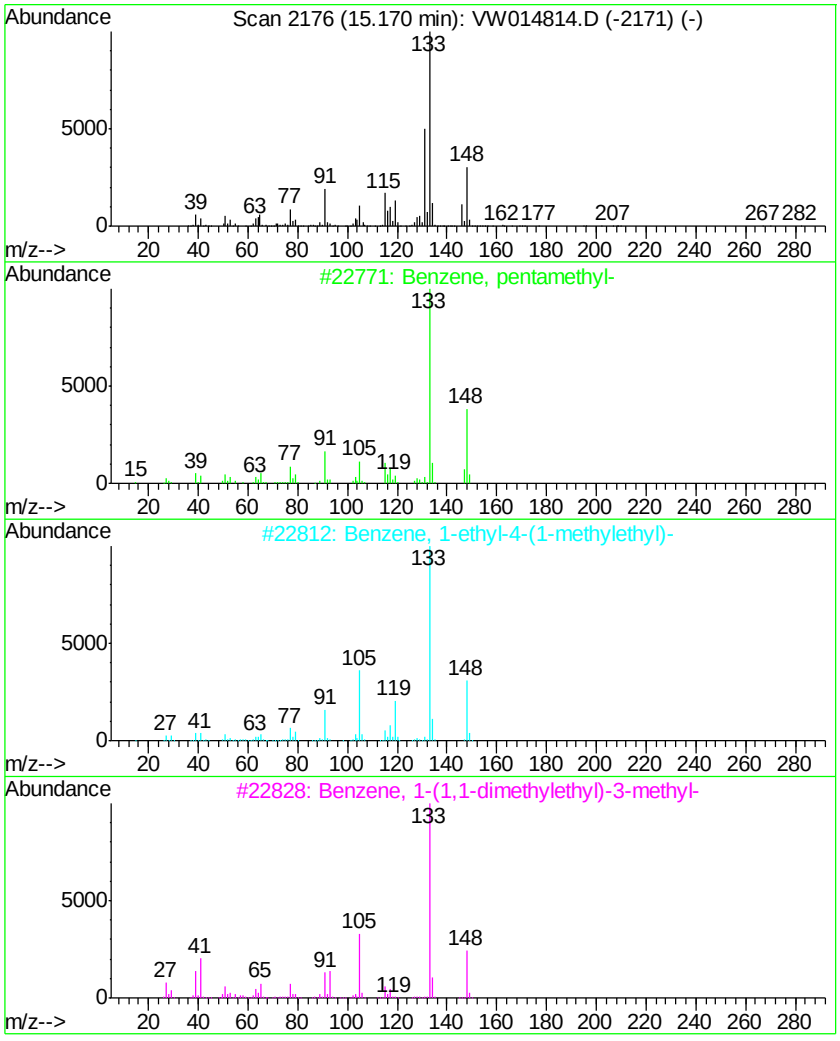
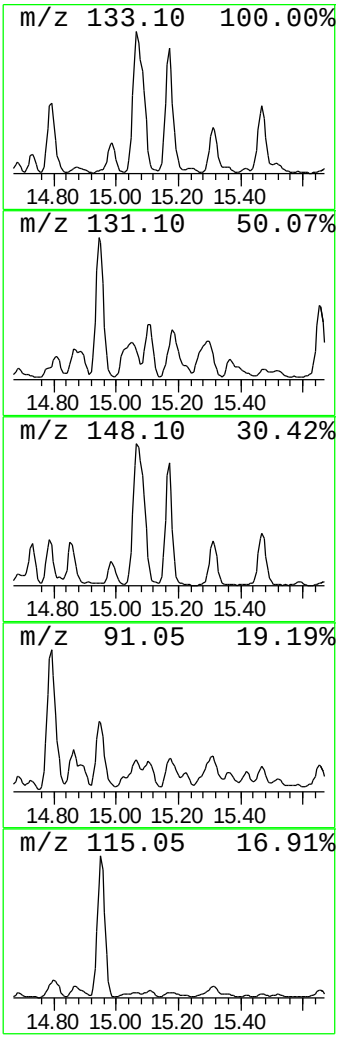
Peak Number 28 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	42.41 ug/L	3198500	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	53
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	52
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52





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Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

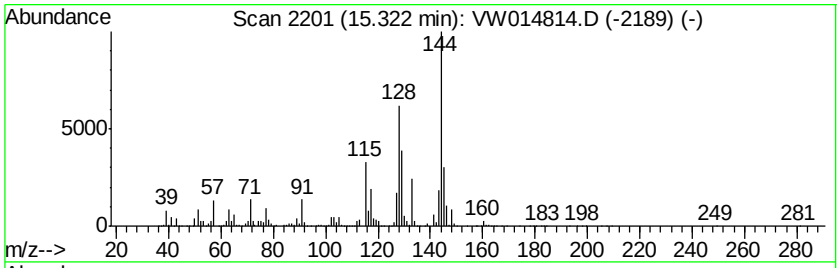
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

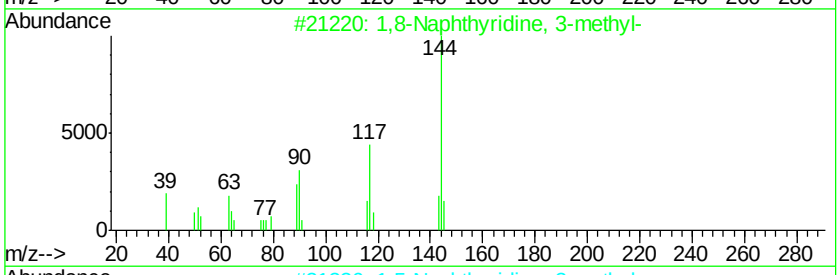
****

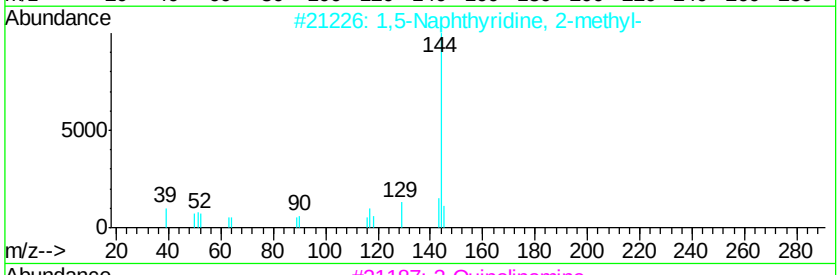
Peak Number 29 unknown-02 Concentration Rank 7

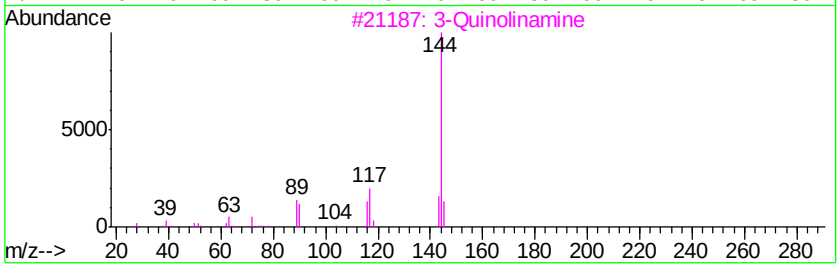
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	72.64 ug/L	5478790	1,4-Dichlorobenzene-d4	13.55

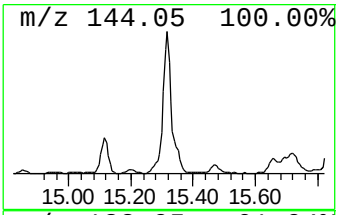
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Naphthyridine, 3-methyl-	144	C9H8N2	014759-22-9	41
2	1,5-Naphthyridine, 2-methyl-	144	C9H8N2	007675-32-3	38
3	3-Quinolinamine	144	C9H8N2	000580-17-6	38
4	1H-Imidazole, 4-phenyl-	144	C9H8N2	000670-95-1	38
5	1,5-Naphthyridine, 4-methyl-	144	C9H8N2	007675-33-4	38

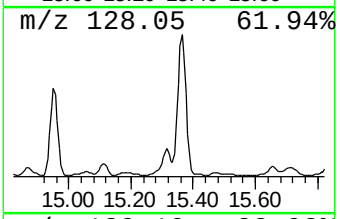


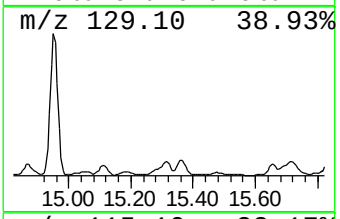


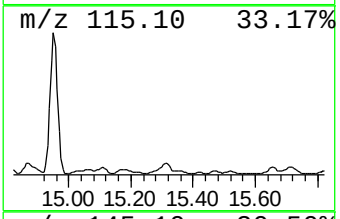


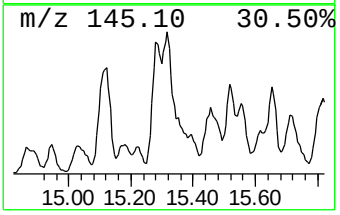












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

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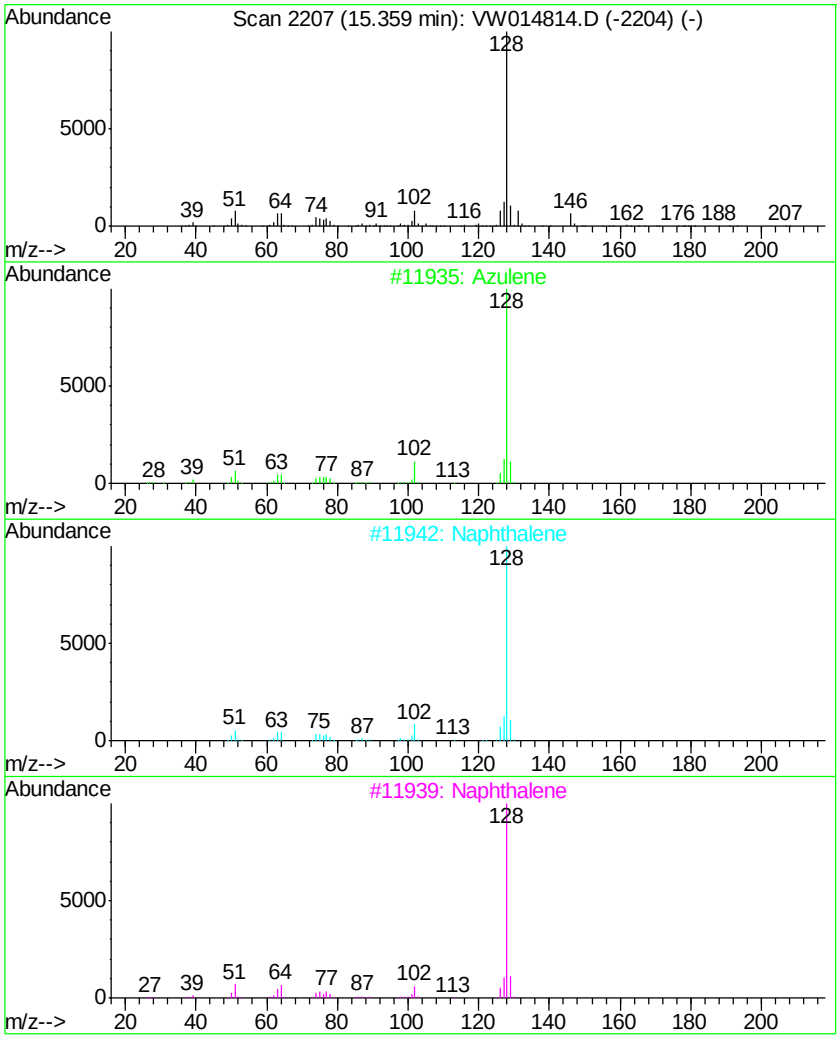
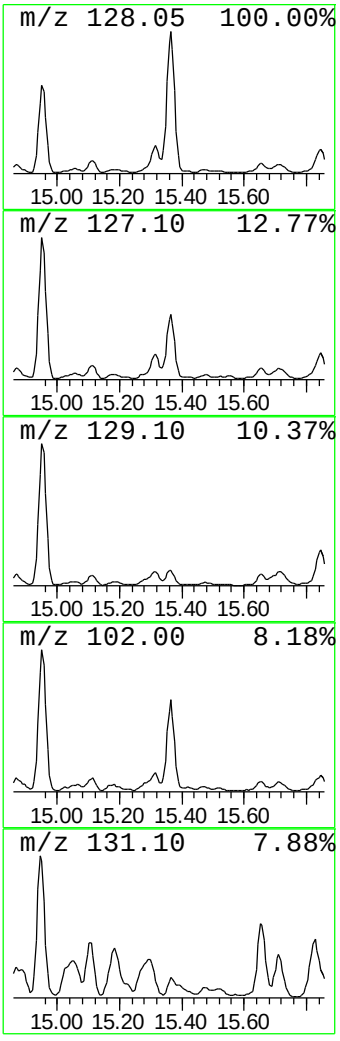
Peak Number 30 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	60.84 ug/L	4589120	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	94
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	94
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

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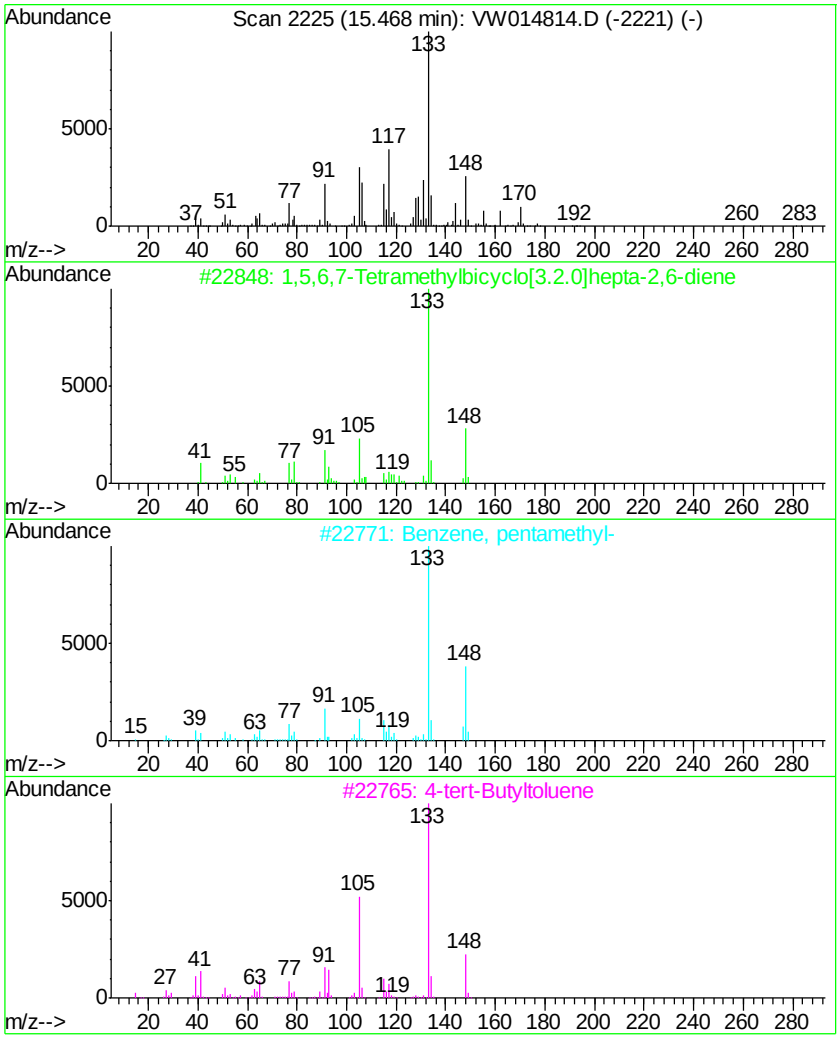
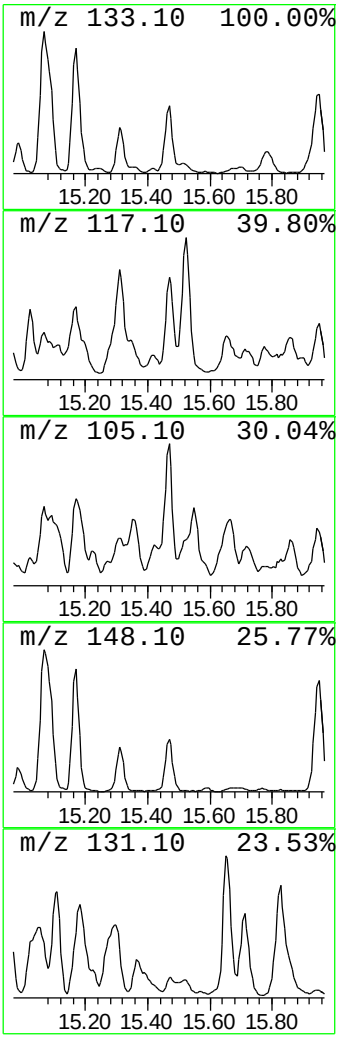
Peak Number 31 1,5,6,7-Tetramethylbicyclo[... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	19.27 ug/L	1453710	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	50
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	43
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	43
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

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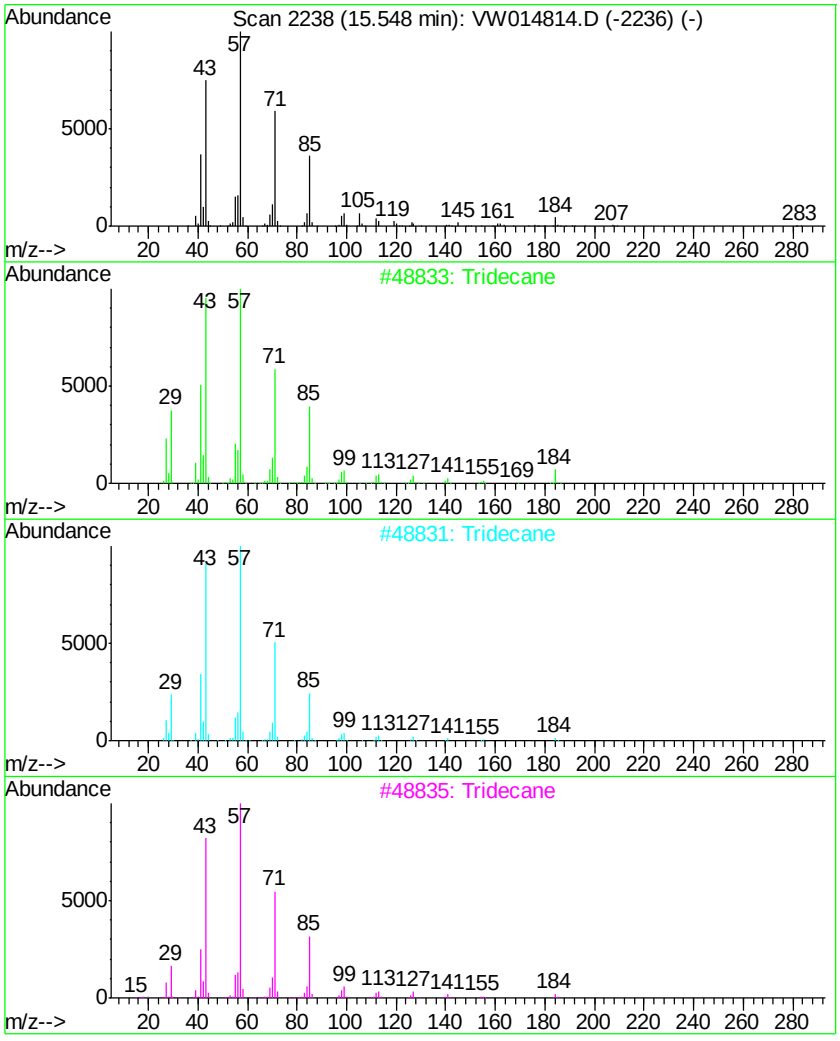
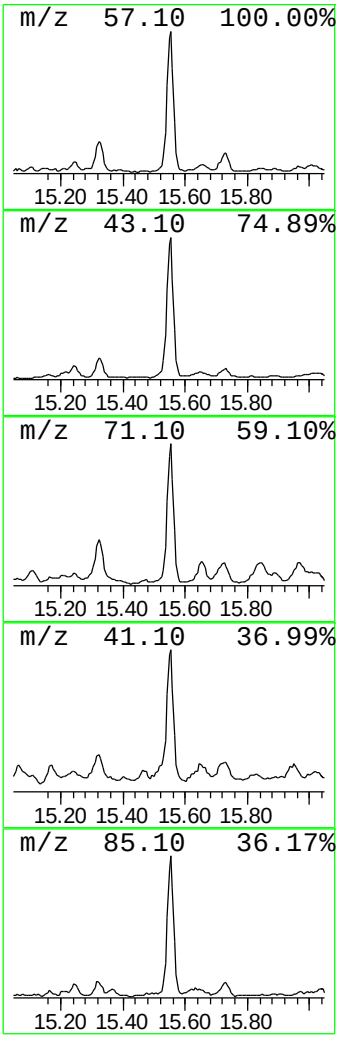
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	23.04 ug/L	1737880	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonadecane	268	C19H40	000629-92-5	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

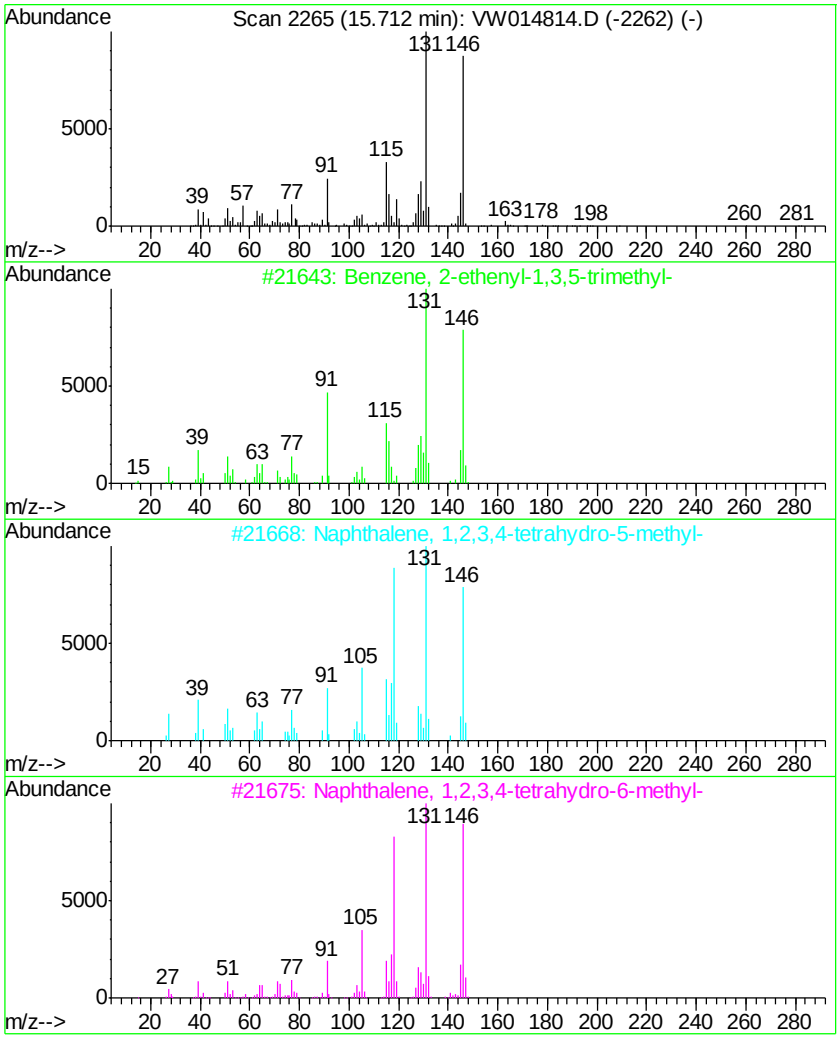
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

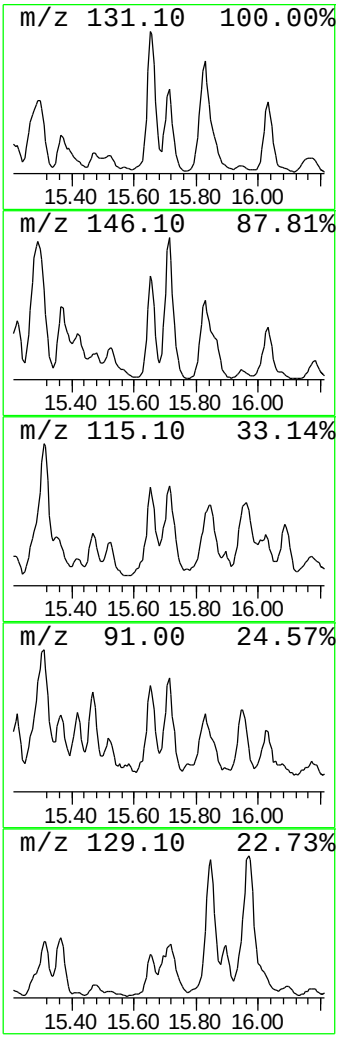
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	34.30 ug/L	2587250	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

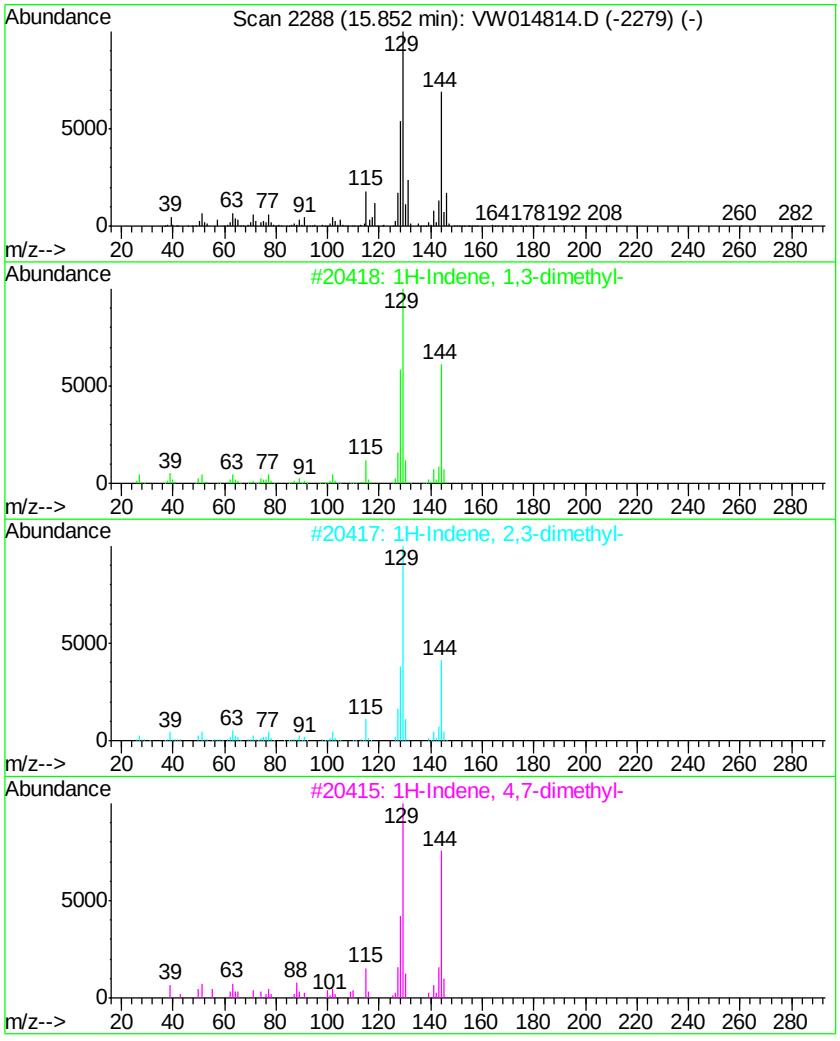
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

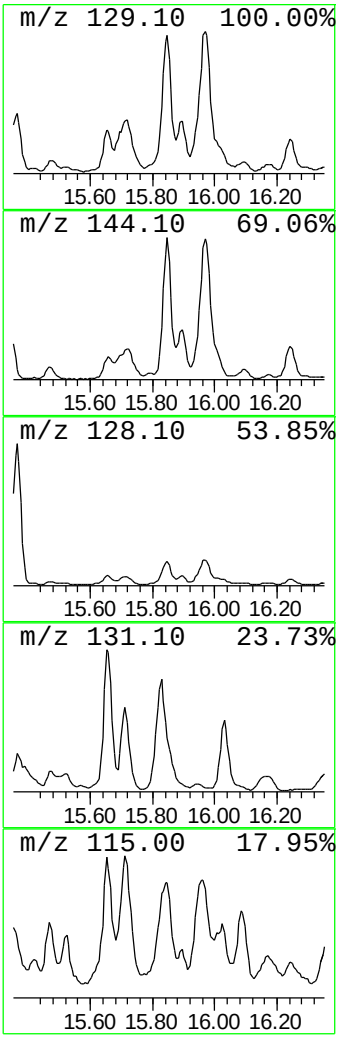
****

Peak Number 35 1H-Indene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	49.38 ug/L	3724690	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	94
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

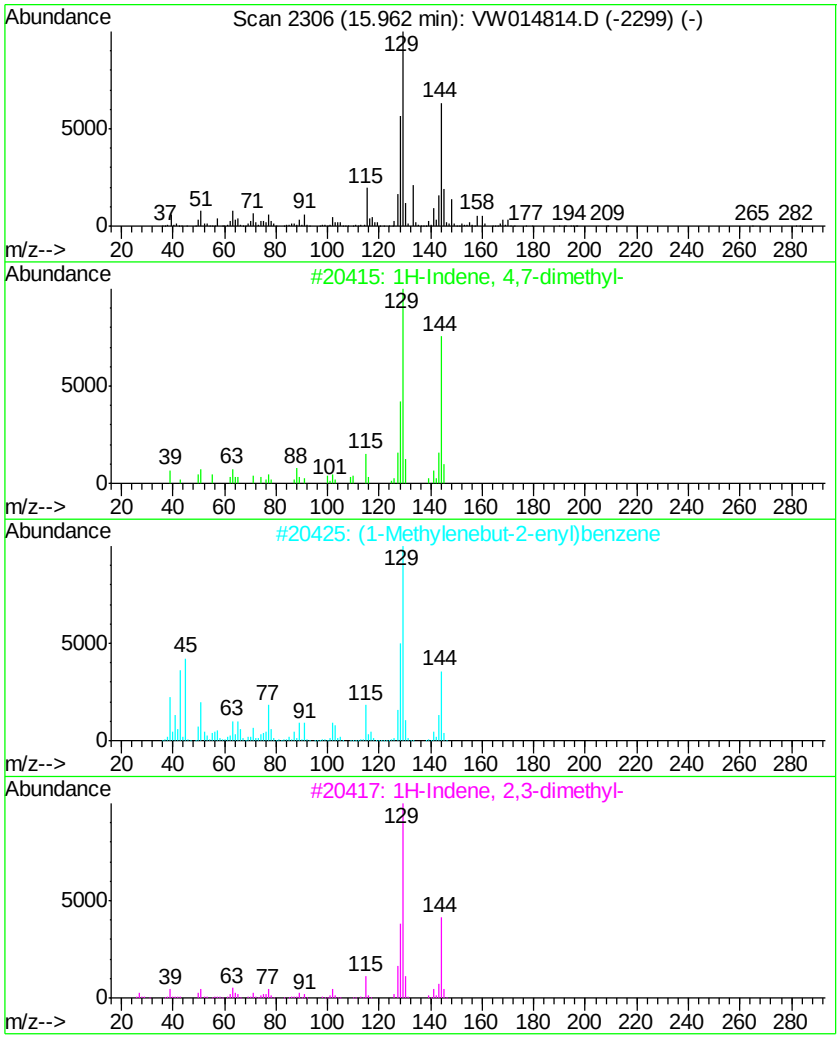
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

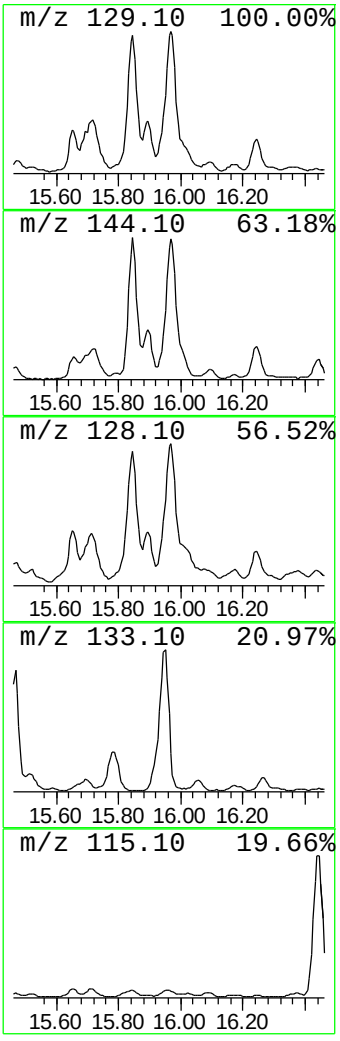
****

Peak Number 36 1H-Indene, 4,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	58.64 ug/L	4423160	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	81
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	81
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	81
4	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	81
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl Acetate	7.25	5.2	ug/L	501597	1	8.84	2407620	25.0
Naphthalene, 1-et...	12.41	4.9	ug/L	532591	2	11.63	2721790	25.0
Naphthalene, 2,6-...	12.88	54.9	ug/L	4137150	3	13.55	1885590	25.0
Naphthalene, 1,7-...	13.31	48.9	ug/L	3686360	3	13.55	1885590	25.0
Naphthalene, 1,5-...	13.45	21.6	ug/L	1632810	3	13.55	1885590	25.0
Benzene, 1-ethyl-...	13.79	5.2	ug/L	392619	3	13.55	1885590	25.0
Naphthalene, 1,4-...	13.95	8.7	ug/L	657718	3	13.55	1885590	25.0
1-Phenyl-1-butene	14.04	2.9	ug/L	218896	3	13.55	1885590	25.0
Benzene, 1-ethyl-...	14.10	5.1	ug/L	381787	3	13.55	1885590	25.0
Benzene, 1-etheny...	14.14	11.1	ug/L	839174	3	13.55	1885590	25.0
Benzene, 4-etheny...	14.23	85.2	ug/L	6424840	3	13.55	1885590	25.0
Benzene, 2-etheny...	14.29	11.3	ug/L	852078	3	13.55	1885590	25.0
Benzene, 2-ethyl-...	14.33	6.5	ug/L	487684	3	13.55	1885590	25.0
Benzene, 1,2,4,5-...	14.41	30.7	ug/L	2313200	3	13.55	1885590	25.0
Benzene, (1-methy...	14.50	21.7	ug/L	1635710	3	13.55	1885590	25.0
Benzene, 1-etheny...	14.55	70.5	ug/L	5315190	3	13.55	1885590	25.0
Benzene, (1-cyclo...	14.64	2.3	ug/L	173854	3	13.55	1885590	25.0
1H-Indene, 2,3-di...	14.69	14.6	ug/L	1103450	3	13.55	1885590	25.0
unknown-01	14.72	10.6	ug/L	800741	3	13.55	1885590	25.0
Benzene,1-methyl-...	14.86	42.3	ug/L	3188280	3	13.55	1885590	25.0
Benzene, (1-methy...	14.95	240.0	ug/L	18103800	3	13.55	1885590	25.0
1H-Indene, 2,3-di...	15.02	7.5	ug/L	568583	3	13.55	1885590	25.0
Benzene, 1,3-dime...	15.07	21.2	ug/L	1598130	3	13.55	1885590	25.0
Benzene, pentamet...	15.17	42.4	ug/L	3198500	3	13.55	1885590	25.0
unknown-02	15.32	72.6	ug/L	5478790	3	13.55	1885590	25.0
Azulene	15.36	60.8	ug/L	4589120	3	13.55	1885590	25.0
1,5,6,7-Tetrameth...	15.47	19.3	ug/L	1453710	3	13.55	1885590	25.0
(DEL) Alkane: Str...	15.55	23.0	ug/L	1737880	3	13.55	1885590	25.0
Benzene, 2-etheny...	15.71	34.3	ug/L	2587250	3	13.55	1885590	25.0
1H-Indene, 1,3-di...	15.85	49.4	ug/L	3724690	3	13.55	1885590	25.0
1H-Indene, 4,7-di...	15.96	58.6	ug/L	4423160	3	13.55	1885590	25.0