LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

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\SOM2WLM122719S.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	1.953	6	8	26	rVB7	9483	28559	0.13%	0.043%
2	2.093	29	31	34	rVB4	1596	1366	0.01%	0.002%
3	2.154	37	41	45	rBV2	6639	12396	0.06%	0.019%
4	2.245	45	56	60	rBV2	6081	23565	0.11%	0.035%
5	2.349	66	73	83	rBV	242667	444472	2.08%	0.666%
6	2.489	93	96	102	rBV	6206	9610	0.04%	0.014%
7	2.824	149	151	154	rBV4	2290	1803	0.01%	0.003%
8	2.891	154	162	176	rVV	149994	387424	1.81%	0.581%
9	3.526	263	266	268	rBV5	1237	1448	0.01%	0.002%
10	3.568	271	273	275	rVB2	1190	986	0.00%	0.001%
11	3.690	291	293	297	rVB5	973	1150	0.01%	0.002%
12	4.019	334	347	360	rBV	339870	1123517	5.25%	1.684%
13	4.208	377	378	383	rVB4	1687	1260	0.01%	0.002%
14	4.251	383	385	391	rVB6	1486	2301	0.01%	0.003%
15	4.385	397	407	418	rBV	17735	58952	0.28%	0.088%
16	4.611	443	444	449	rVB3	1327	1429	0.01%	0.002%
17	4.915	481	494	511	rBV3	33861	135584	0.63%	0.203%
18	5.147	527	532	533	rBV3	1184	1433	0.01%	0.002%
19	5.440	576	580	584	rVB4	811	1298	0.01%	0.002%
20	5.775	627	635	636	rBV3	1814	3056	0.01%	0.005%
21	5.940	652	662	670	rBV5	6327	19628	0.09%	0.029%
22	6.592	763	769	770	rBV4	1222	1936	0.01%	0.003%
23	6.866	810	814	816	rBV	635	957	0.00%	0.001%
24	6.921	816	823	825	rBV4	1102	2330	0.01%	0.003%
25	6.982	829	833	834	rBV4	1259	1256	0.01%	0.002%
26	7.074	839	848	853	rVV	90767	252611	1.18%	0.379%
27	7.135	853	858	875	rVV	78308	232740	1.09%	0.349%
28	7.257	875	878	879	rVV3	1575	1816	0.01%	0.003%
29	7.543	920	925	927	rBV5	1836	2496	0.01%	0.004%
30	7.641	931	941	956	rBV	490215	1192766	5.57%	1.788%
31	7.945	985	991	997	rBV4	2678	5641	0.03%	0.008%
32	8.080	1009	1013	1019	rBV3	735	1170	0.01%	0.002%
33	8.275	1034	1045	1063	rBV3	1032211	3562742	16.64%	5.340%
34	8.403	1064	1066	1072	rVB5	2232	3085	0.01%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

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\SOM2WLM122719S.M
Title : VOC Analysis

35	8.561	1086	1092	1099	rVB5	6236	15094	0.07%	0.023%
36	8.622	1099	1102	1108	rVB5	1391	2543	0.01%	0.004%
37	8.701	1108	1115	1120	rBV8	2246	5141	0.02%	0.008%
38	8.842	1129	1138	1150	rBV	1222687	2463560	11.50%	3.692%
39	9.000	1161	1164	1165	rVB2	1126	990	0.00%	0.001%
40	9.031	1168	1169	1170	rBV	1961	1344	0.01%	0.002%
41	9.073	1170	1176	1185	rVV2	13697	31421	0.15%	0.047%
42	9.201	1195	1197	1199	rBV2	880	981	0.00%	0.001%
43	9.268	1199	1208	1218	rVV	675743	1387858	6.48%	2.080%
44	9.348	1218	1221	1226	rVB6	3643	7392	0.03%	0.011%
45	9.567	1255	1257	1258	rBV	1433	967	0.00%	0.001%
46	9.591	1258	1261	1266	rVB6	1068	1568	0.01%	0.002%
47	9.659	1266	1272	1277	rBV8	3443	8513	0.04%	0.013%
48	9.811	1295	1297	1298	rVB2	1757	970	0.00%	0.001%
49	9.841	1300	1302	1303	rBV	1299	1206	0.01%	0.002%
50	9.878	1306	1308	1310	rVB3	1174	989	0.00%	0.001%
51	9.902	1310	1312	1319	rBV7	1181	2097	0.01%	0.003%
52	10.030	1325	1333	1343	rBV	354591	651296	3.04%	0.976%
53	10.128	1346	1349	1351	rVV4	2523	2888	0.01%	0.004%
54	10.207	1359	1362	1368	rVB4	6056	10381	0.05%	0.016%
55	10.274	1368	1373	1374	rBV	21714	33639	0.16%	0.050%
56	10.323	1374	1381	1387	rVV	1435834	2560369	11.96%	3.838%
57	10.384	1387	1391	1403	rVB	76924	142508	0.67%	0.214%
58	10.573	1416	1422	1429	rBV	234278	404852	1.89%	0.607%
59	10.640	1431	1433	1438	rVV5	6891	10964	0.05%	0.016%
60	10.701	1438	1443	1452	rVB	38492	73060	0.34%	0.110%
61	10.921	1473	1479	1491	rBV	367047	637514	2.98%	0.956%
62	11.061	1497	1502	1509	rBV	58071	100623	0.47%	0.151%
63	11.244	1525	1532	1540	rBV	329945	687128	3.21%	1.030%
64	11.628	1588	1595	1605	rVB	1666169	2771591	12.94%	4.154%
65	11.731	1606	1612	1619	rVB	156355	273050	1.28%	0.409%
66	11.835	1622	1629	1638	rVB	1076868	1955796	9.13%	2.931%
67	11.975	1647	1652	1657	rBV6	34000	84100	0.39%	0.126%
68	12.164	1677	1683	1690	rVB	390689	648955	3.03%	0.973%
69	12.402	1713	1722	1741	rBV4	70850	365004	1.70%	0.547%
70	12.609	1750	1756	1761	rVB	106007	190348	0.89%	0.285%
71	12.688	1763	1769	1776	rVB	497410	816651	3.81%	1.224%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

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\SOM2WLM122719S.M
Title : VOC Analysis

72	12.865	1778	1798	1807	rBV3	544309	2421698	11.31%	3.630%
73	12.938	1807	1810	1821	rVB	361771	649300	3.03%	0.973%
74	13.079	1823	1833	1834	rBV4	98419	251489	1.17%	0.377%
75	13.249	1855	1861	1865	rBV	682531	1233254	5.76%	1.848%
76	13.469	1886	1897	1905	rVB2	1005747	2405385	11.23%	3.605%
77	13.554	1905	1911	1920	rVV2	1420522	2598293	12.13%	3.894%
78	13.627	1920	1923	1929	rVV3	54084	99914	0.47%	0.150%
79	13.755	1931	1944	1953	rVV3	185238	530793	2.48%	0.796%
80	13.853	1953	1960	1967	rVV	1065791	1884504	8.80%	2.825%
81	13.938	1968	1974	1988	rVV2	951992	2014510	9.41%	3.019%
82	14.072	1992	1996	2006	rVB3	88003	222986	1.04%	0.334%
83	14.207	2014	2018	2022	rBV3	26046	42810	0.20%	0.064%
84	14.304	2026	2034	2036	rBV3	60611	149167	0.70%	0.224%
85	14.389	2043	2048	2056	rVB2	222780	403400	1.88%	0.605%
86	14.487	2056	2064	2083	rVB2	663325	2188472	10.22%	3.280%
87	14.792	2101	2114	2120	rVB6	79667	287757	1.34%	0.431%
88	14.871	2123	2127	2131	rVV4	25745	38309	0.18%	0.057%
89	14.956	2132	2141	2150	rVB5	113914	298839	1.40%	0.448%
90	15.072	2152	2160	2170	rBV2	61832	233166	1.09%	0.349%
91	15.237	2182	2187	2191	rBV6	25673	62460	0.29%	0.094%
92	15.286	2191	2195	2197	rVV3	35854	58032	0.27%	0.087%
93	15.365	2200	2208	2216	rVV	12056215	21413334	100.00%	32.095%
94	15.462	2216	2224	2236	rVB	570735	1329151	6.21%	1.992%
95	15.627	2245	2251	2265	rVB6	74074	260011	1.21%	0.390%
96	16.127	2326	2333	2343	rVB4	28974	96089	0.45%	0.144%
97	16.291	2355	2360	2364	rVB6	9415	17682	0.08%	0.027%
98	16.377	2368	2374	2377	rBV2	21768	49078	0.23%	0.074%
99	16.438	2377	2384	2392	rBV	473645	1022826	4.78%	1.533%
100	16.645	2411	2418	2428	rVB	259021	579499	2.71%	0.869%

Sum of corrected areas: 66718342

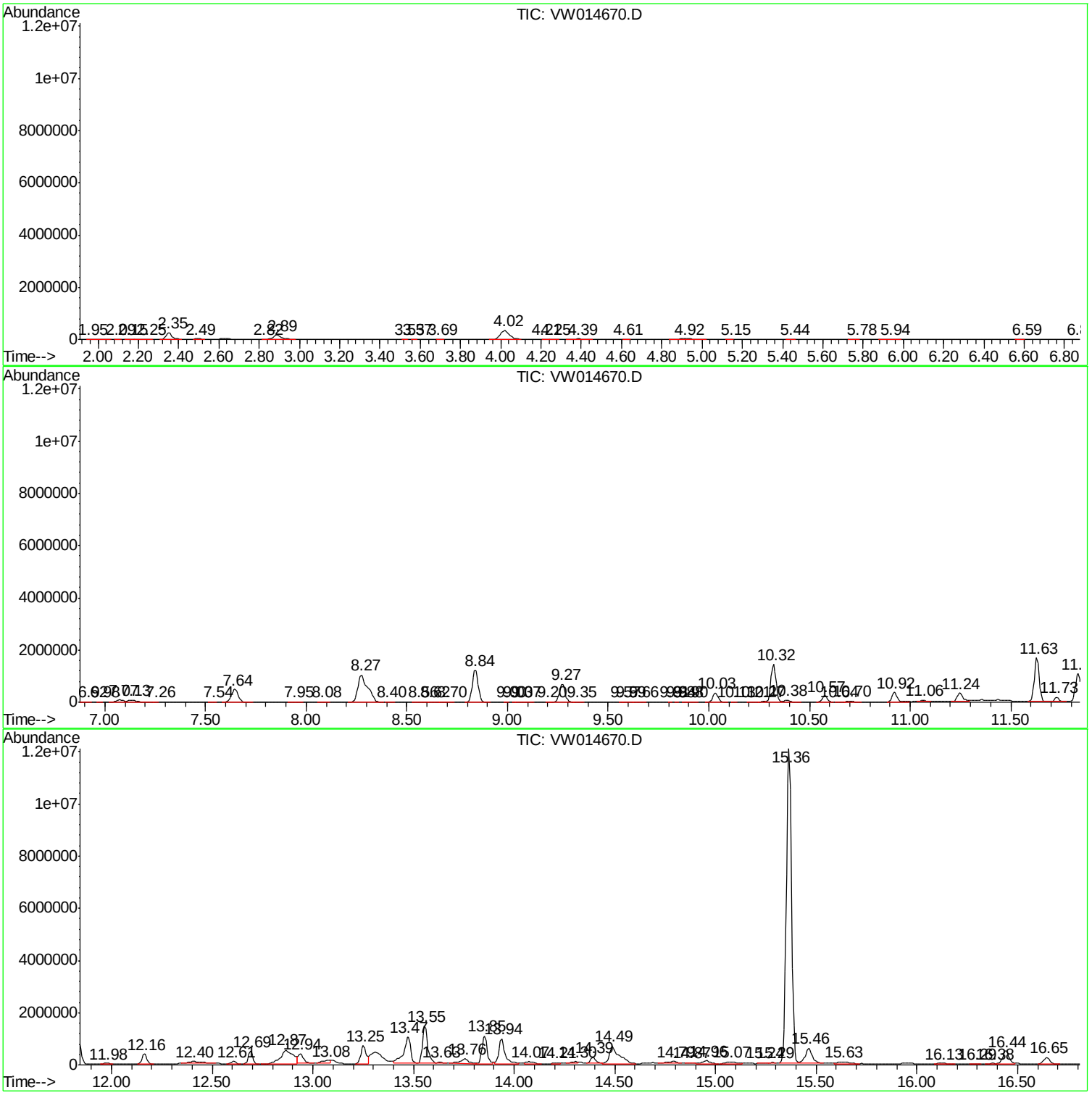
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

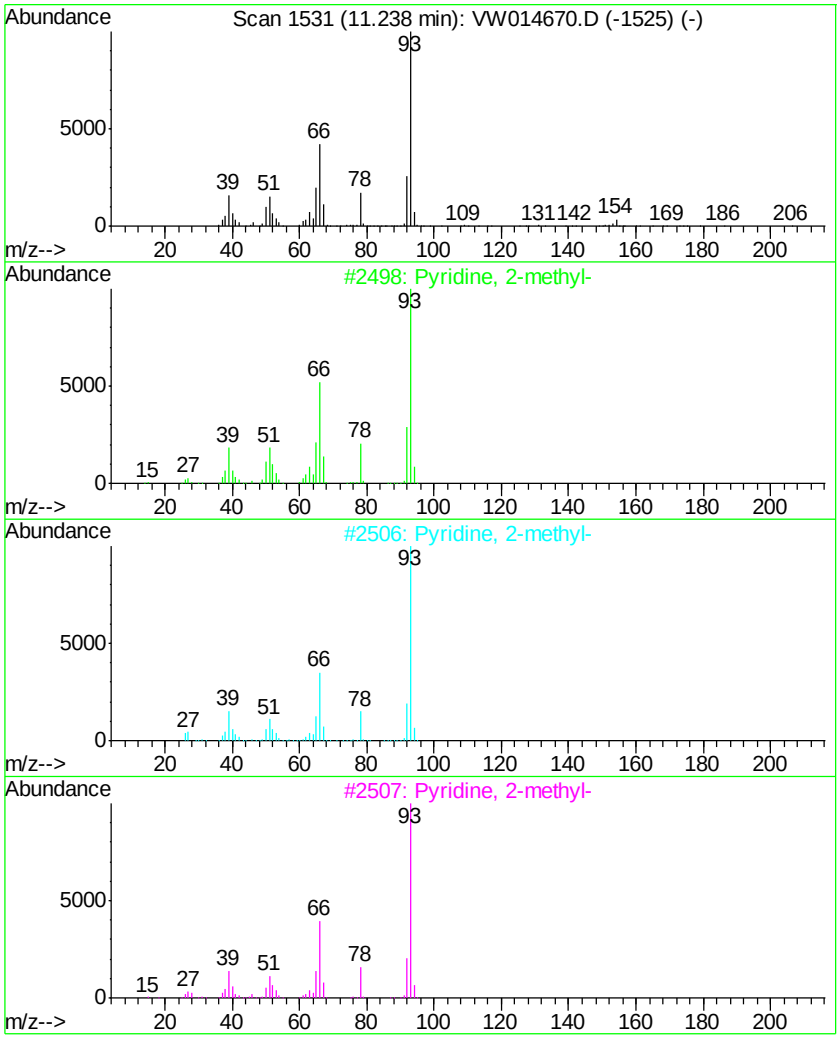
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

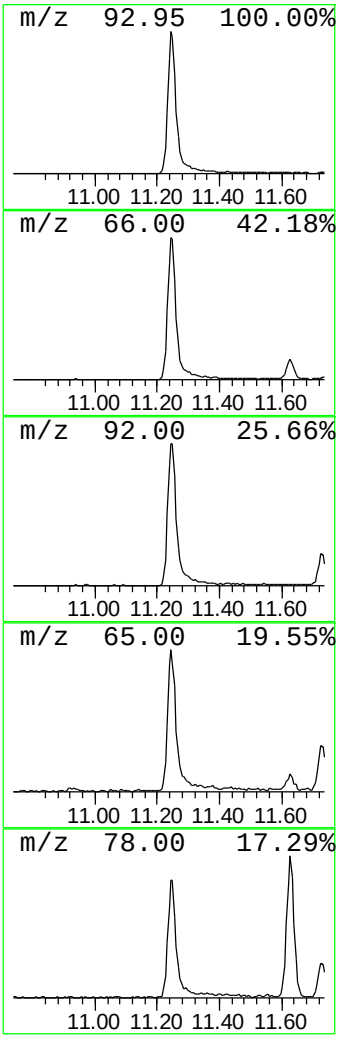
****

Peak Number 3 Pyridine, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	6.20 ug/L	687128	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	96
2	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	96
3	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	96
4	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	95
5	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

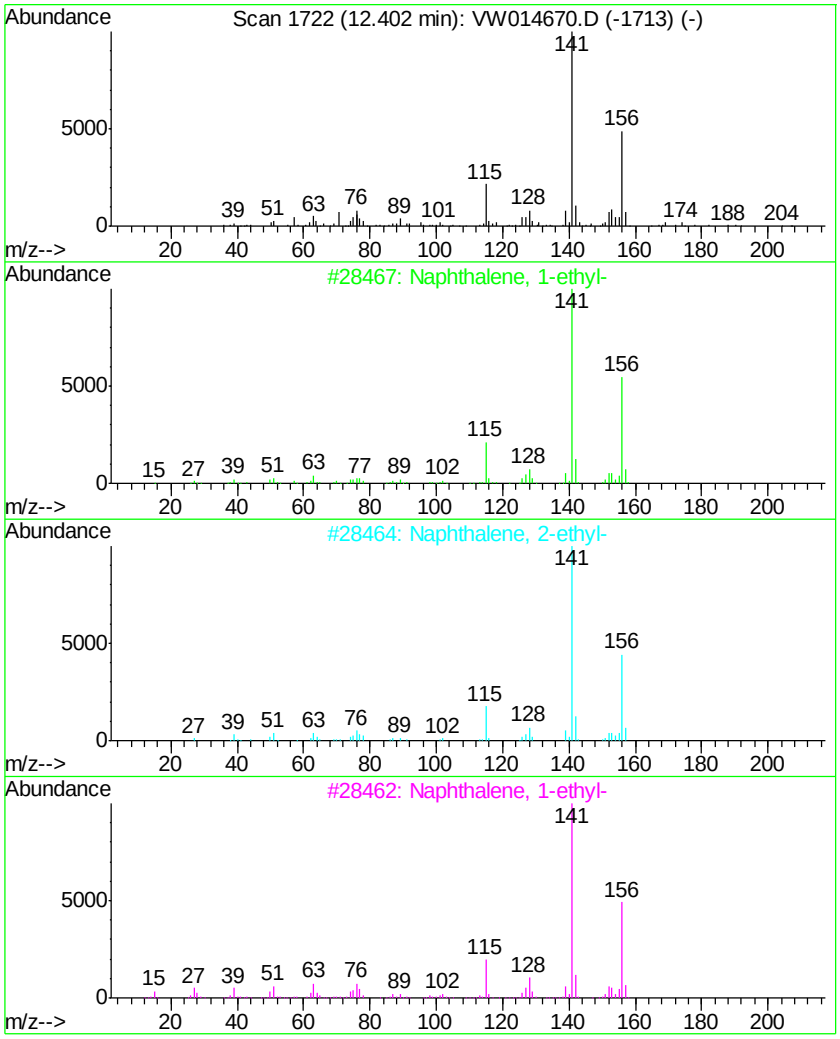
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

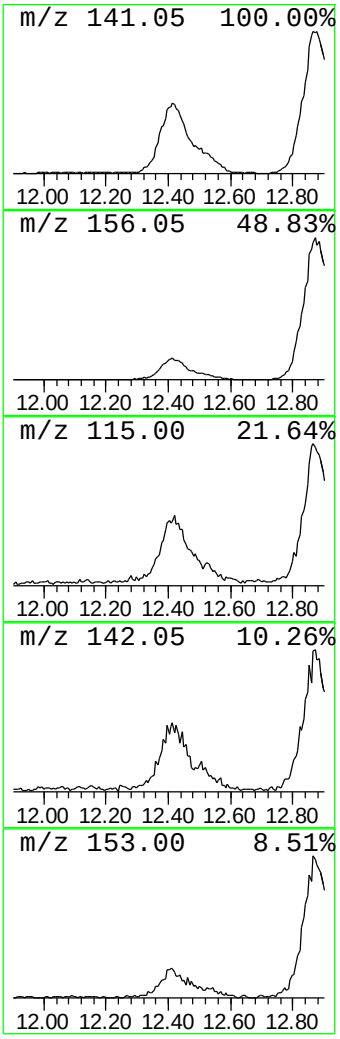
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.29 ug/L	365004	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

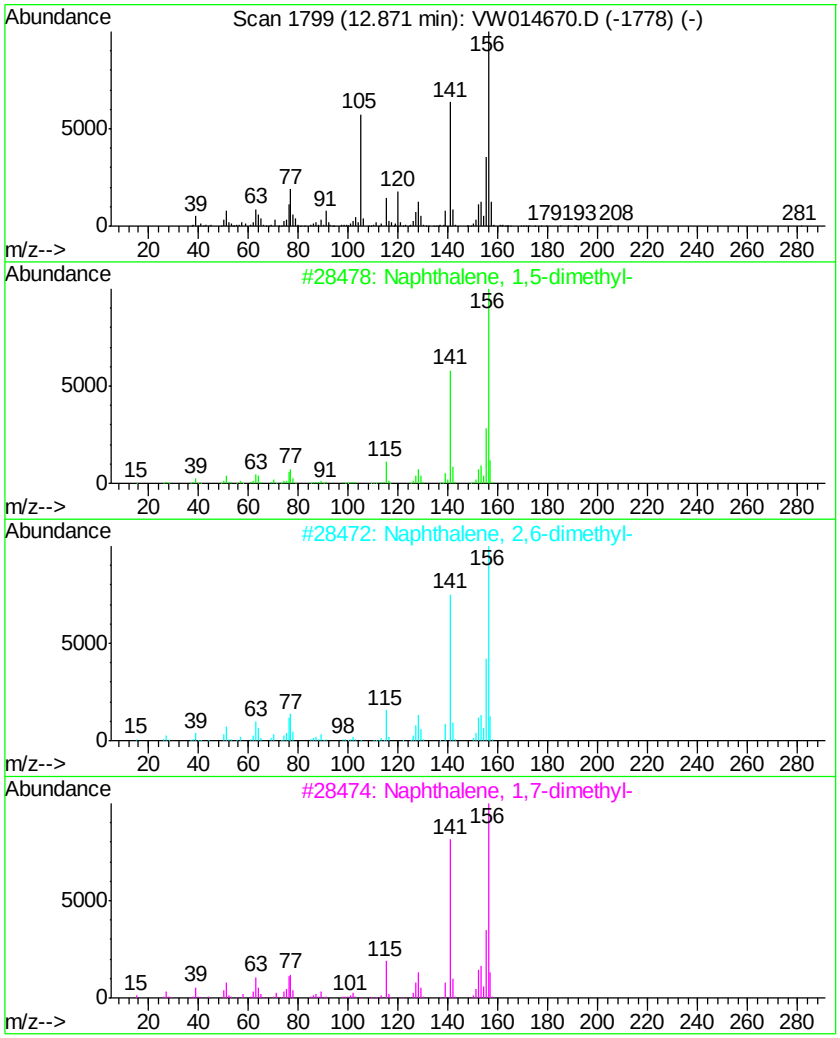
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

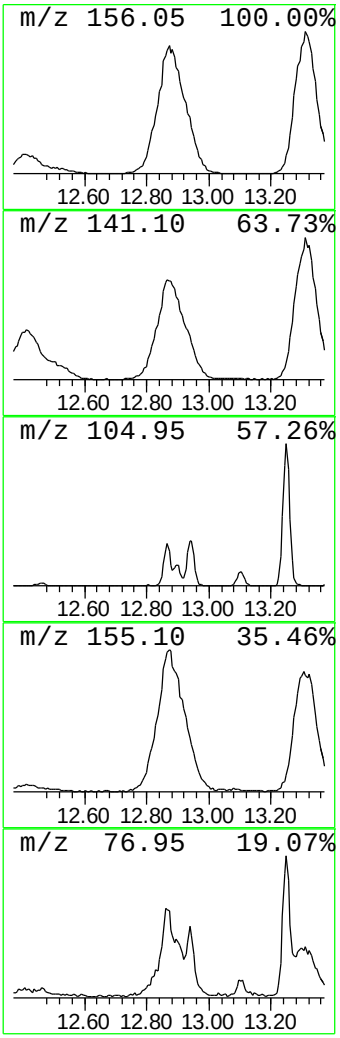
****

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	23.30 ug/L	2421700	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	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

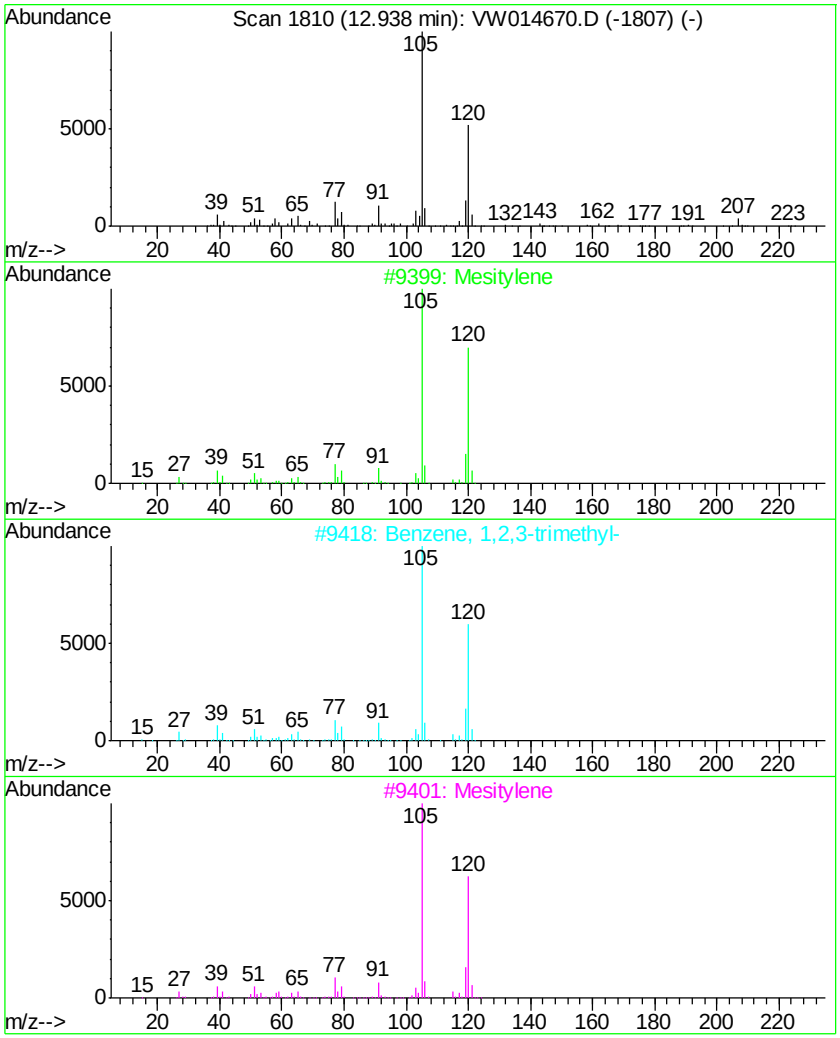
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

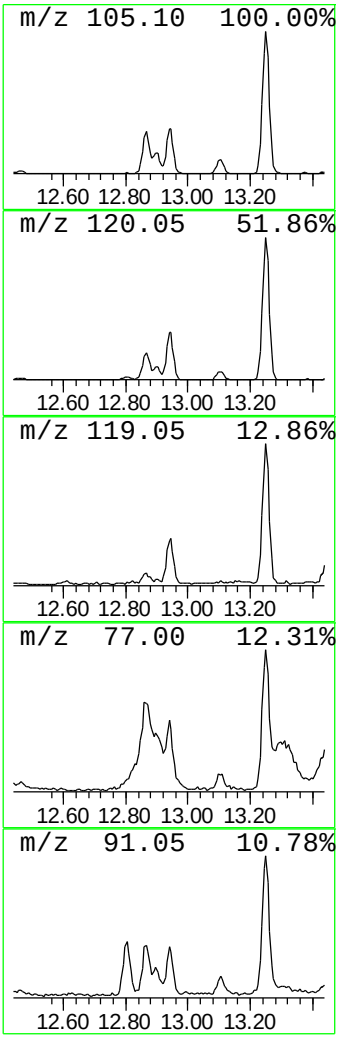
****

Peak Number 7 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	6.25 ug/L	649300	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

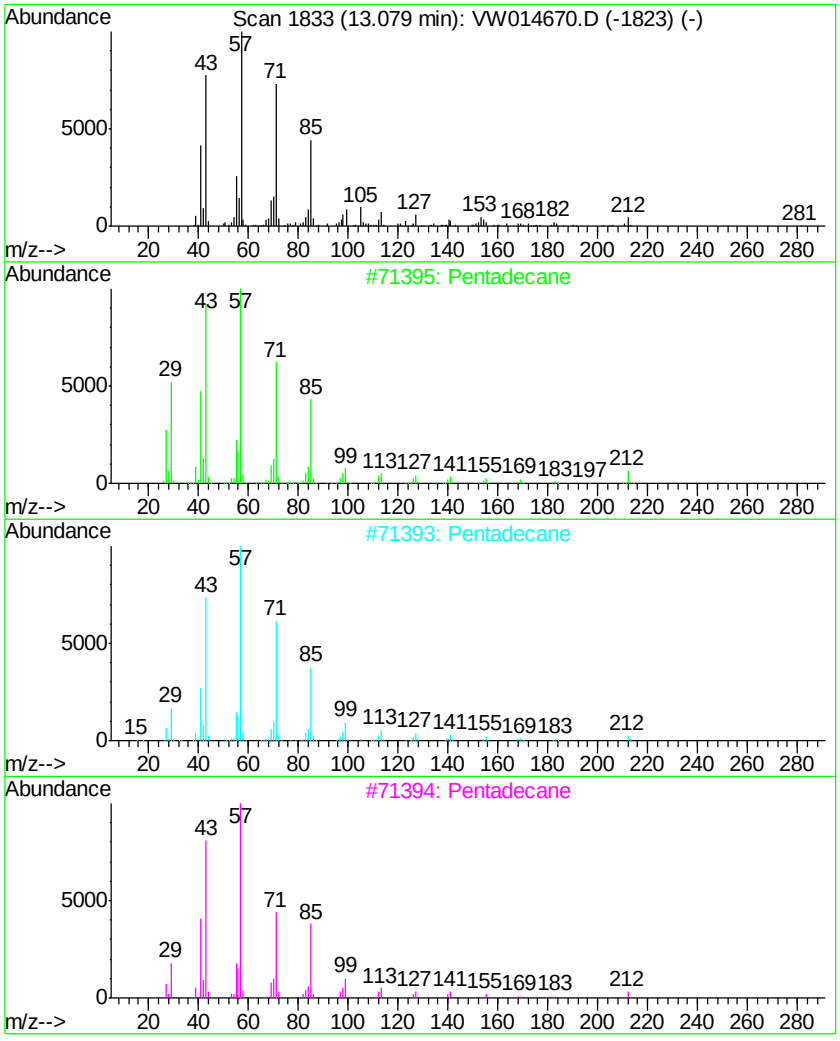
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

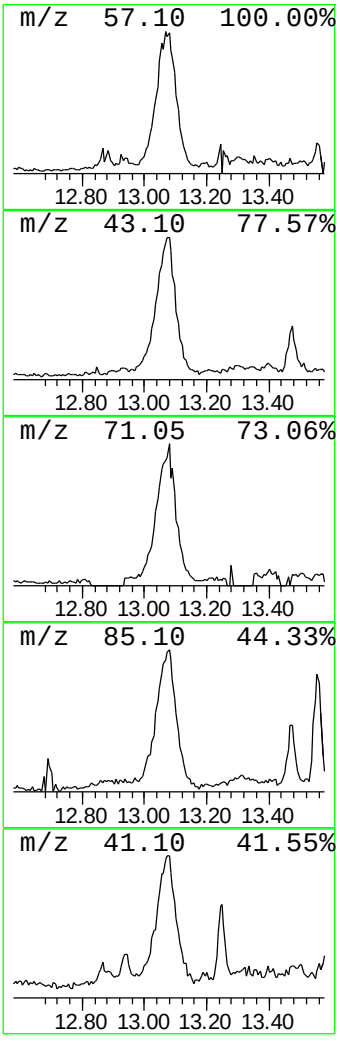
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.42 ug/L	251489	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Pentadecane	212	C15H32	000629-62-9	91
3	Pentadecane	212	C15H32	000629-62-9	87
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

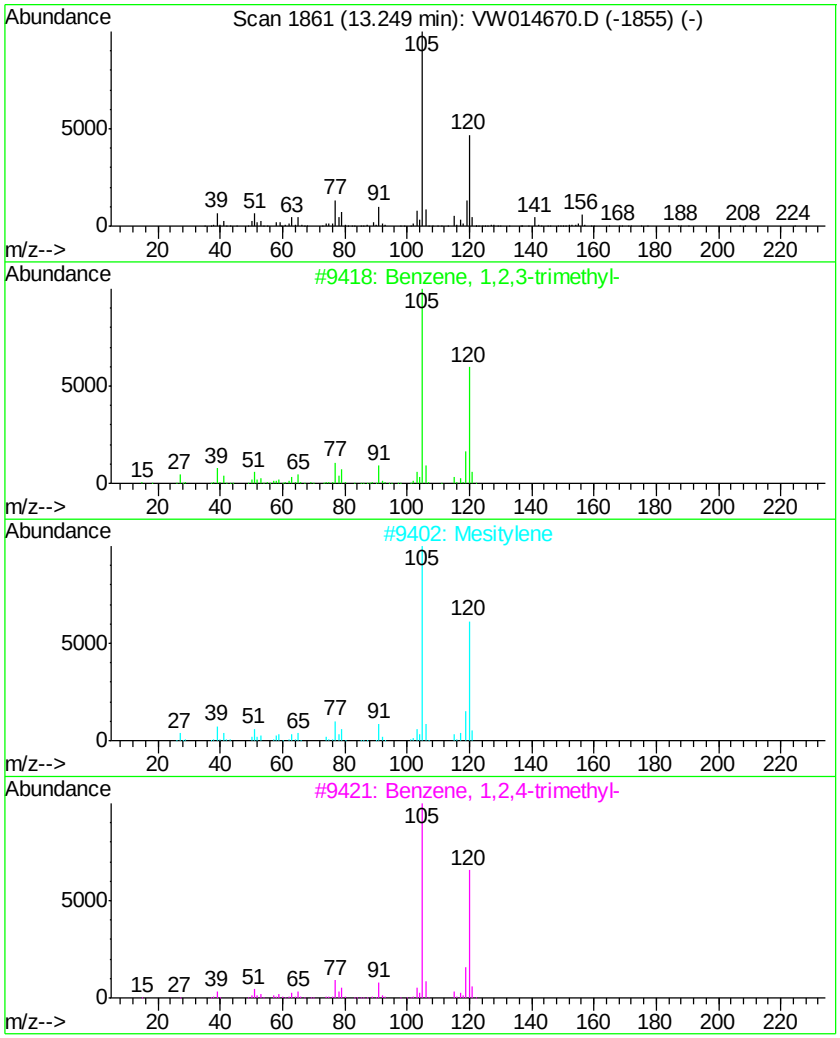
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

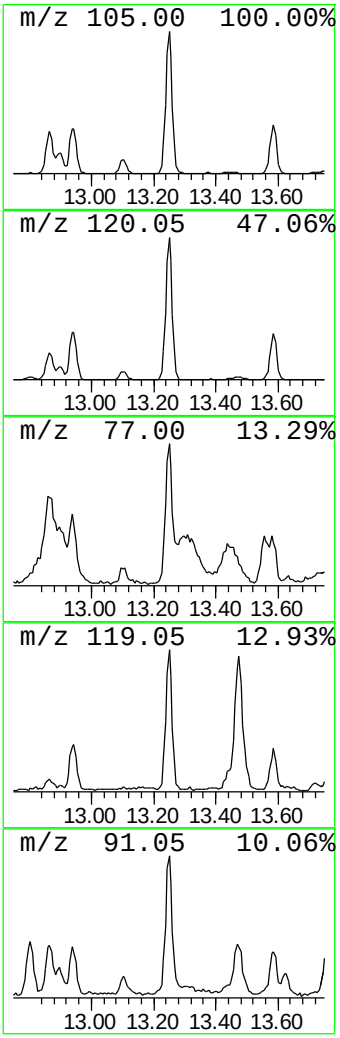
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	11.87 ug/L	1233250	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

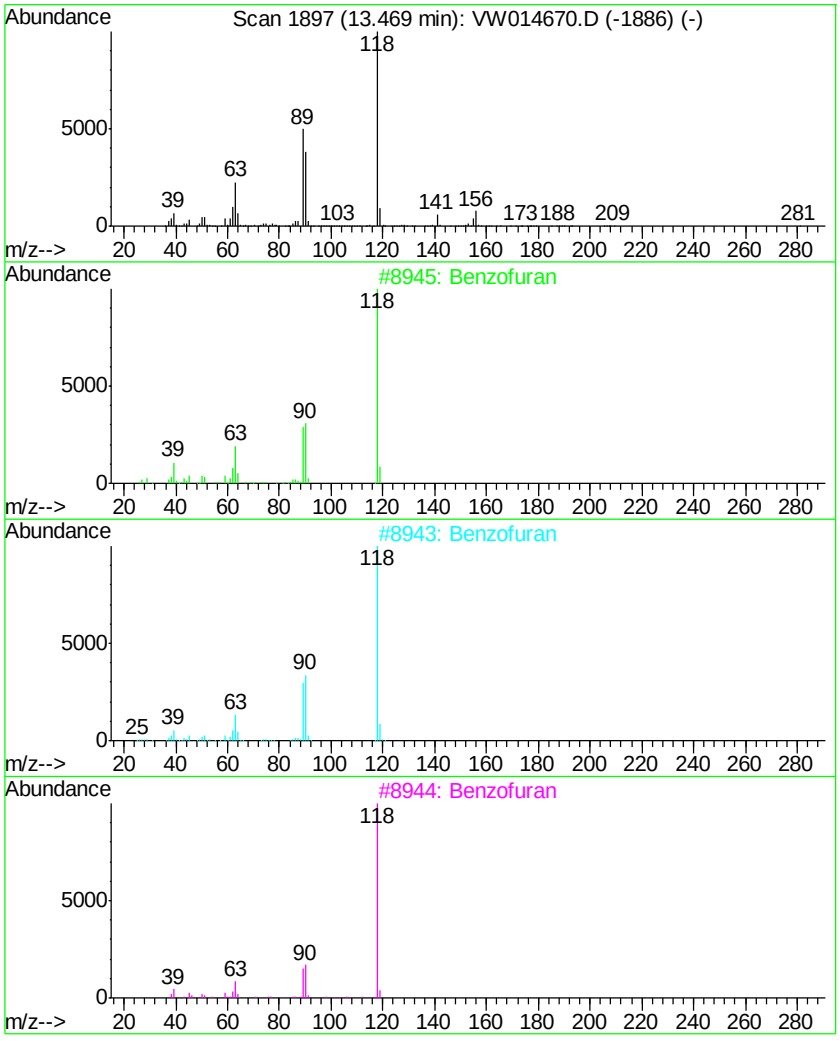
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

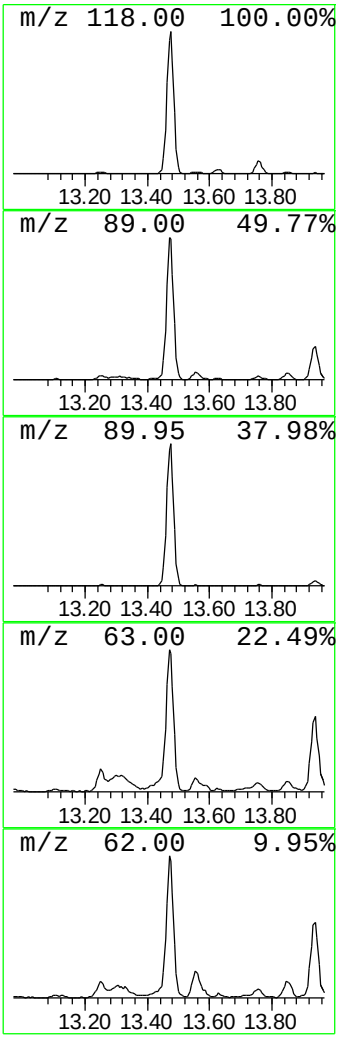
****

Peak Number 10 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	23.14 ug/L	2405390	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	93
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Coumarin	146	C9H6O2	000091-64-5	78
5	Coumarin	146	C9H6O2	000091-64-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

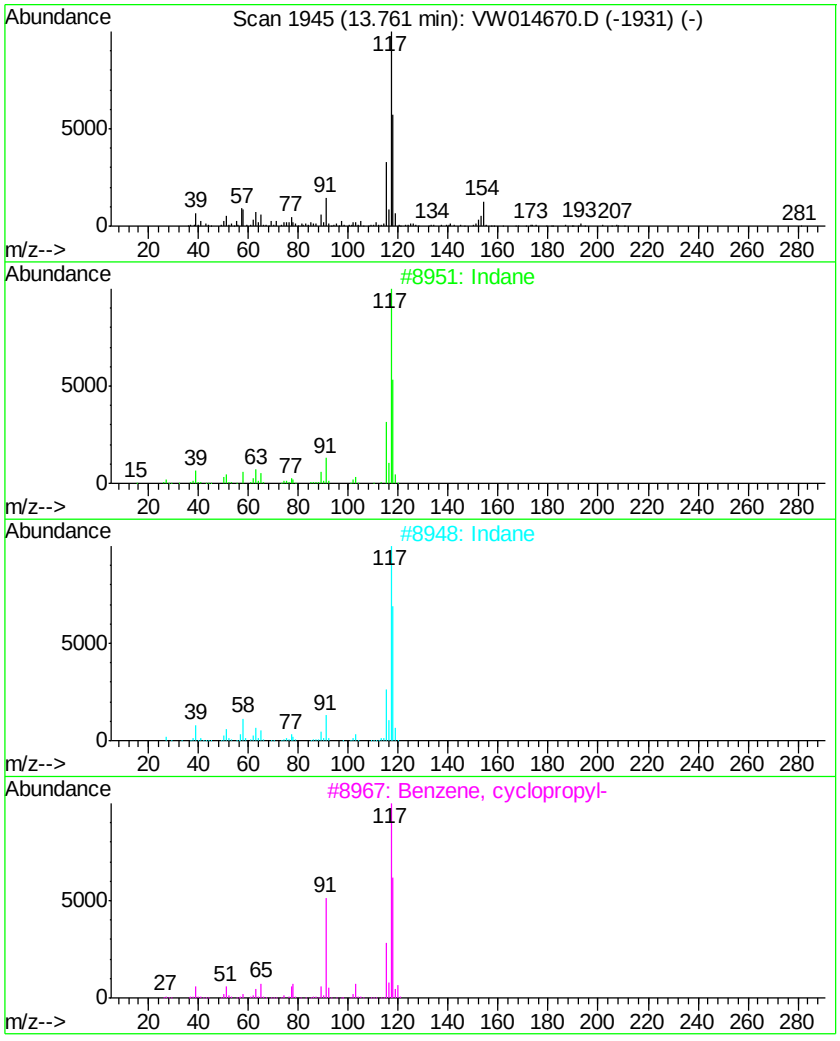
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

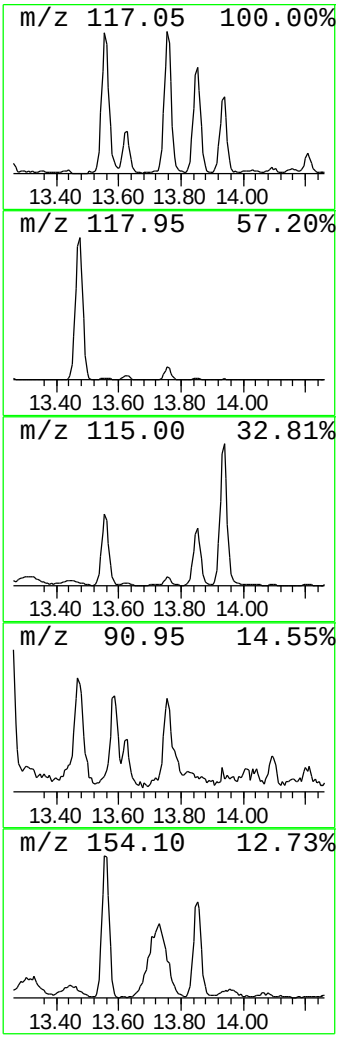
****

Peak Number 11 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.11 ug/L	530793	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

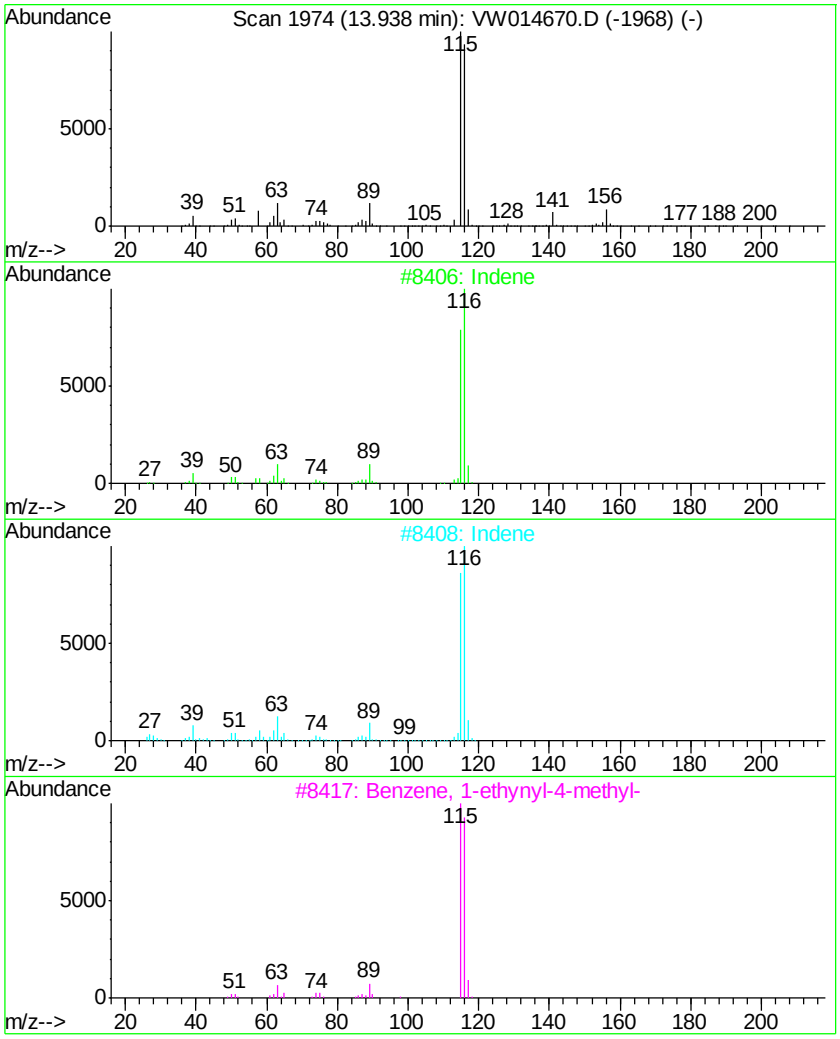
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

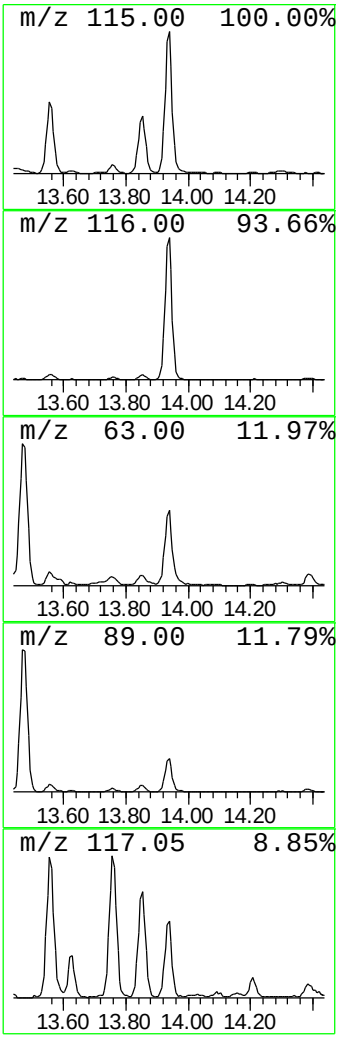
****

Peak Number 12 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	19.38 ug/L	2014510	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Indene	116	C9H8	000095-13-6	93
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

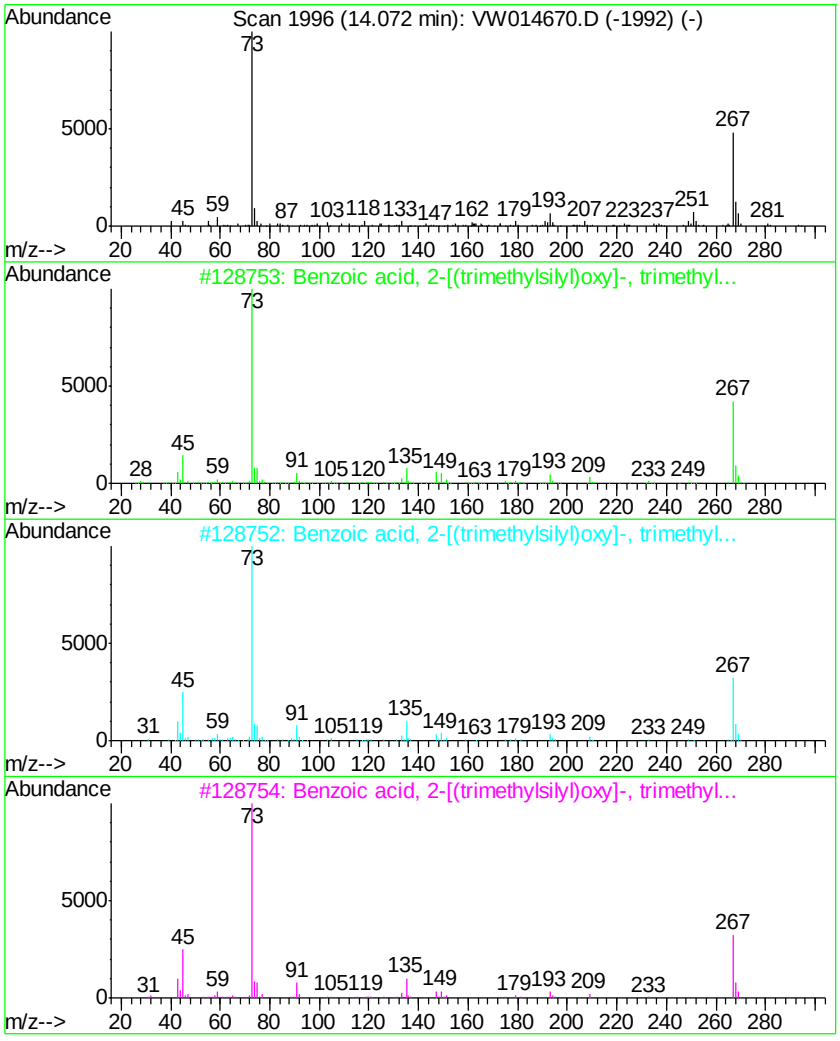
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

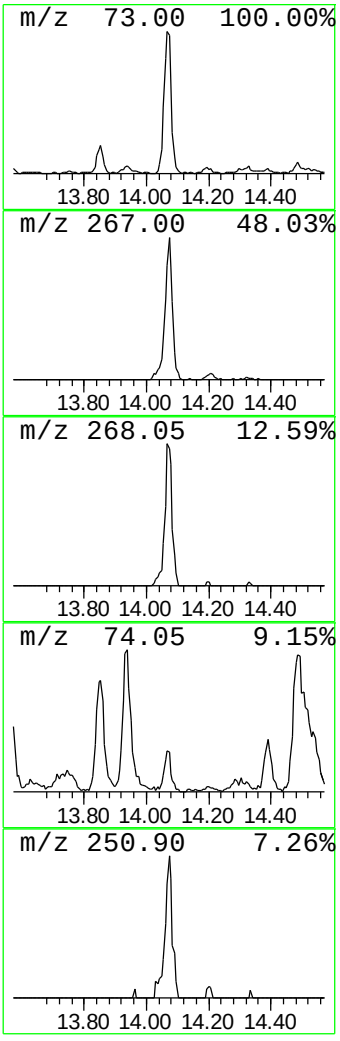
****

Peak Number 13 Benzoic acid, 2-[(trimethyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.15 ug/L	222986	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	64
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	64
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50
4	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

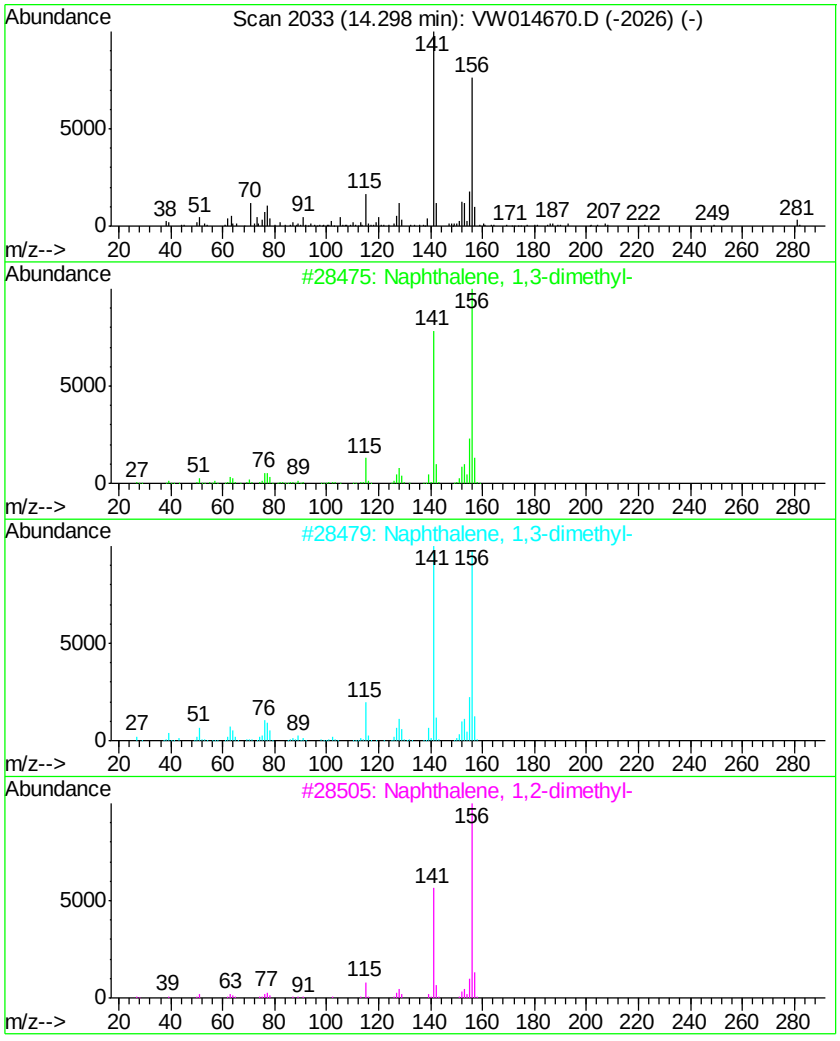
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

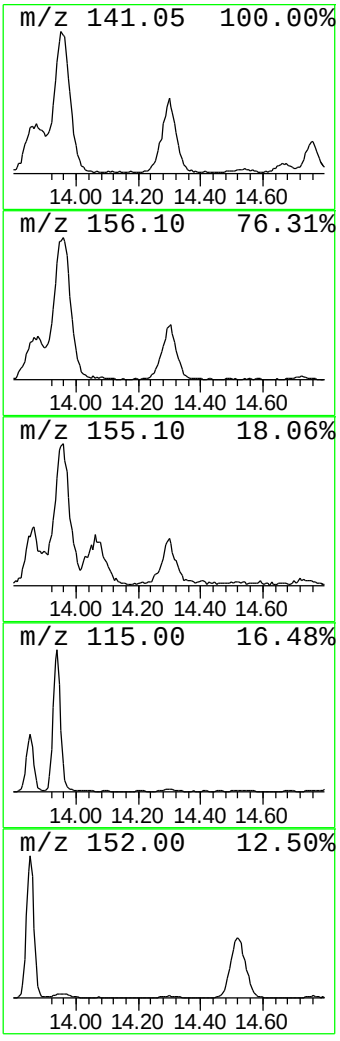
****

Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	1.44 ug/L	149167	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

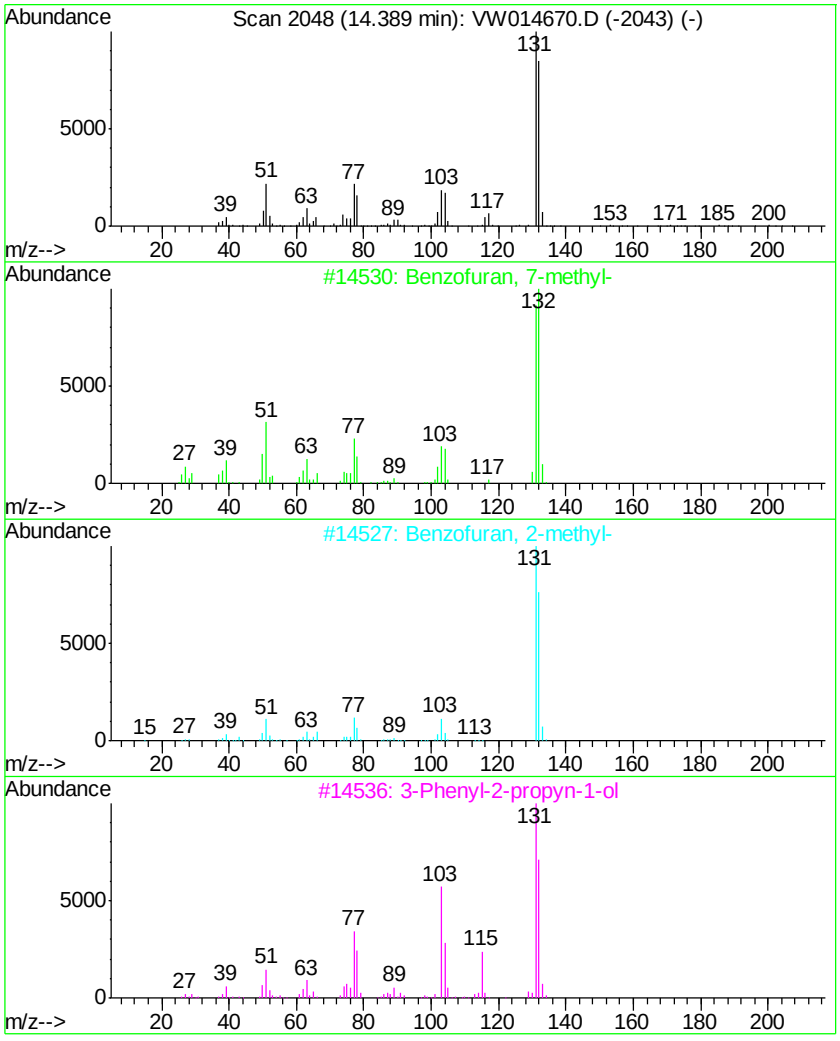
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

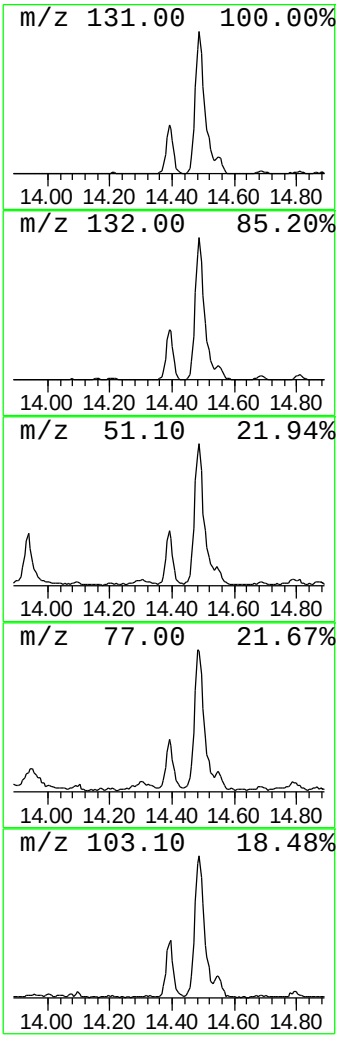
****

Peak Number 15 Benzofuran, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	3.88 ug/L	403400	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

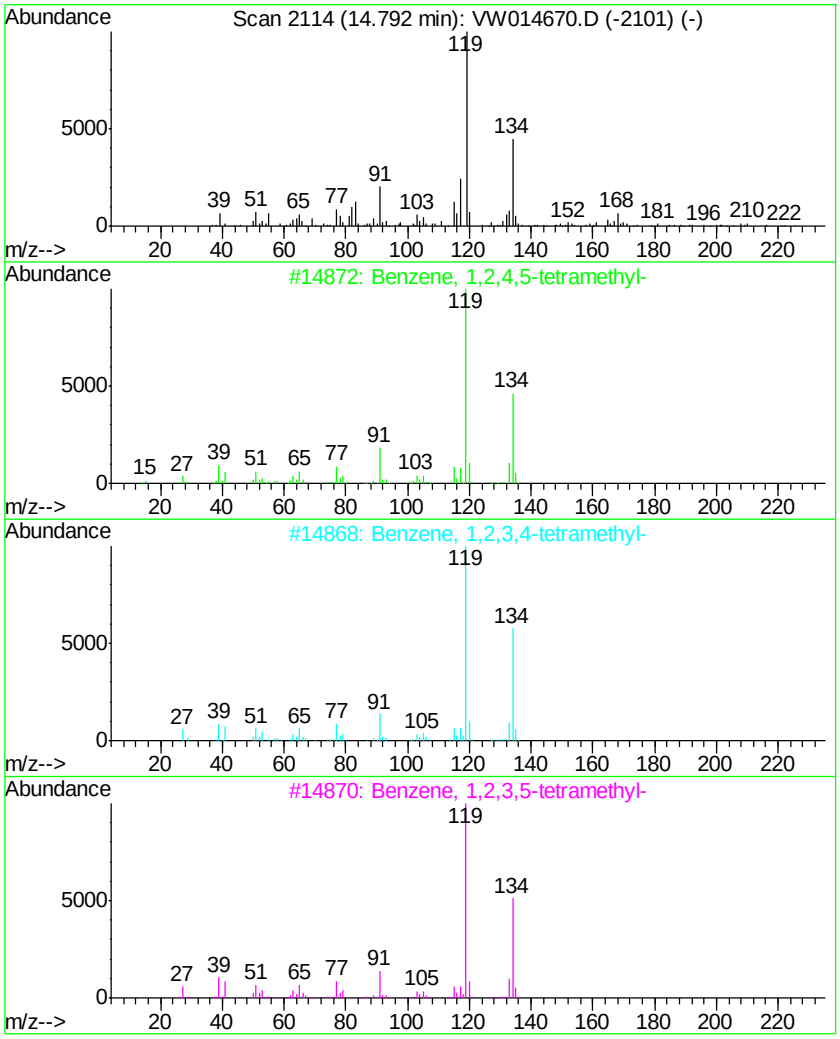
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

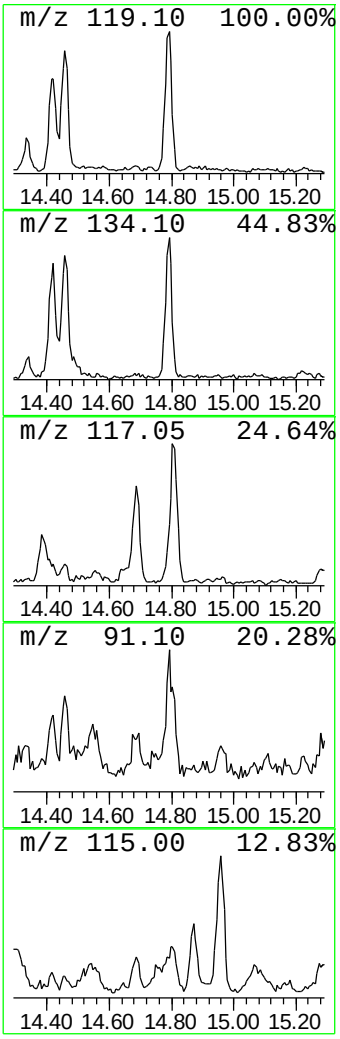
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.77 ug/L	287757	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	81
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

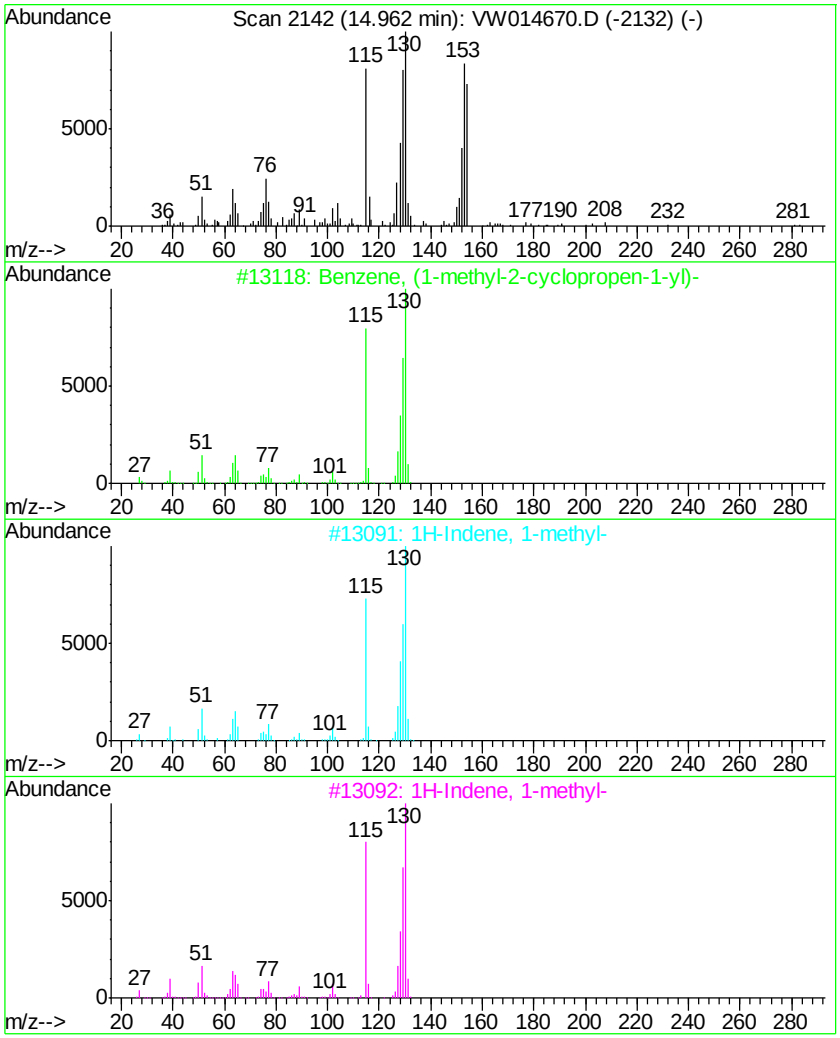
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

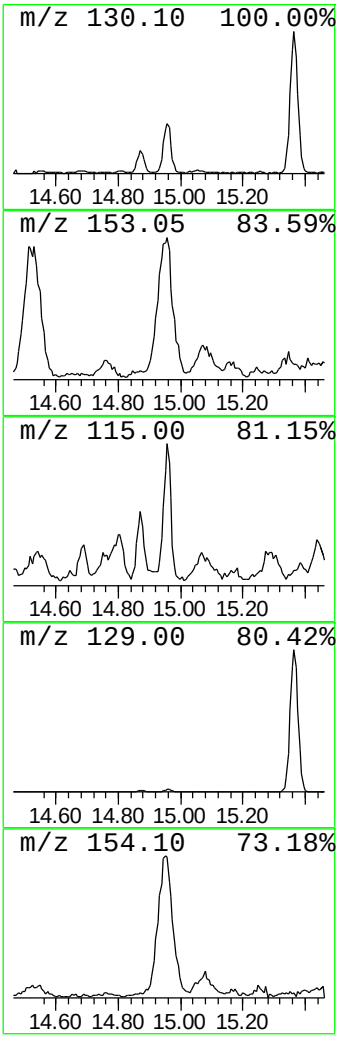
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (1-methyl-2-cyclop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.88 ug/L	298839	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	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
4	2-Methylindene	130	C10H10	002177-47-1	86
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

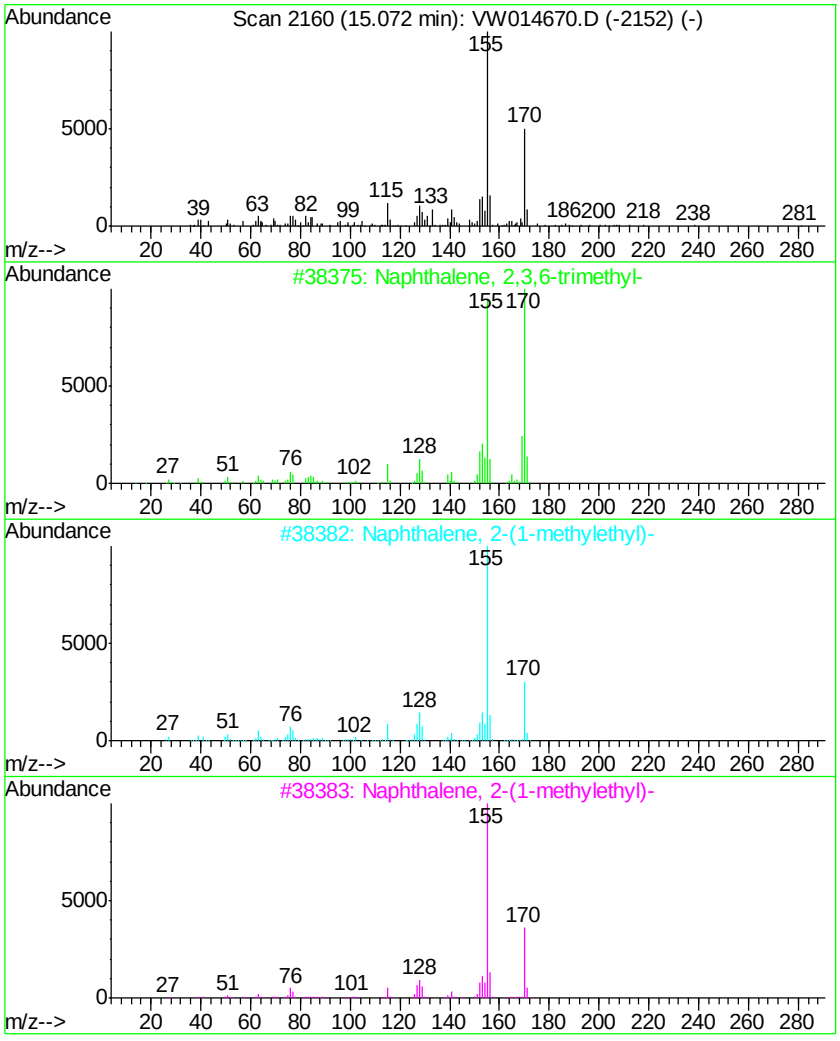
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

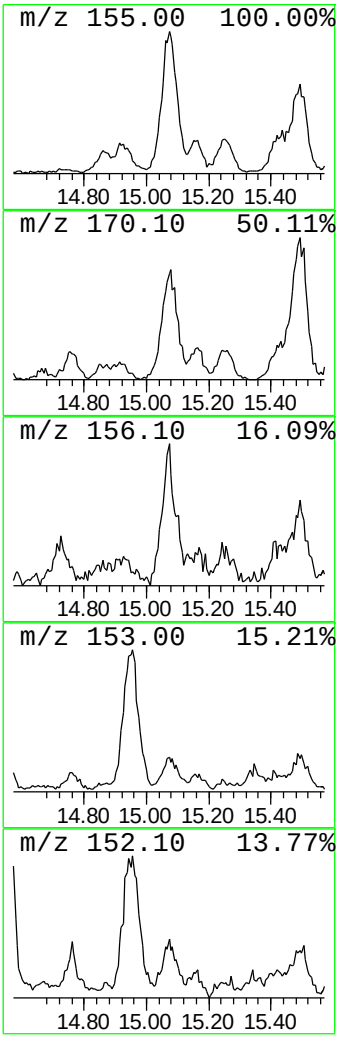
****

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.24 ug/L	233166	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

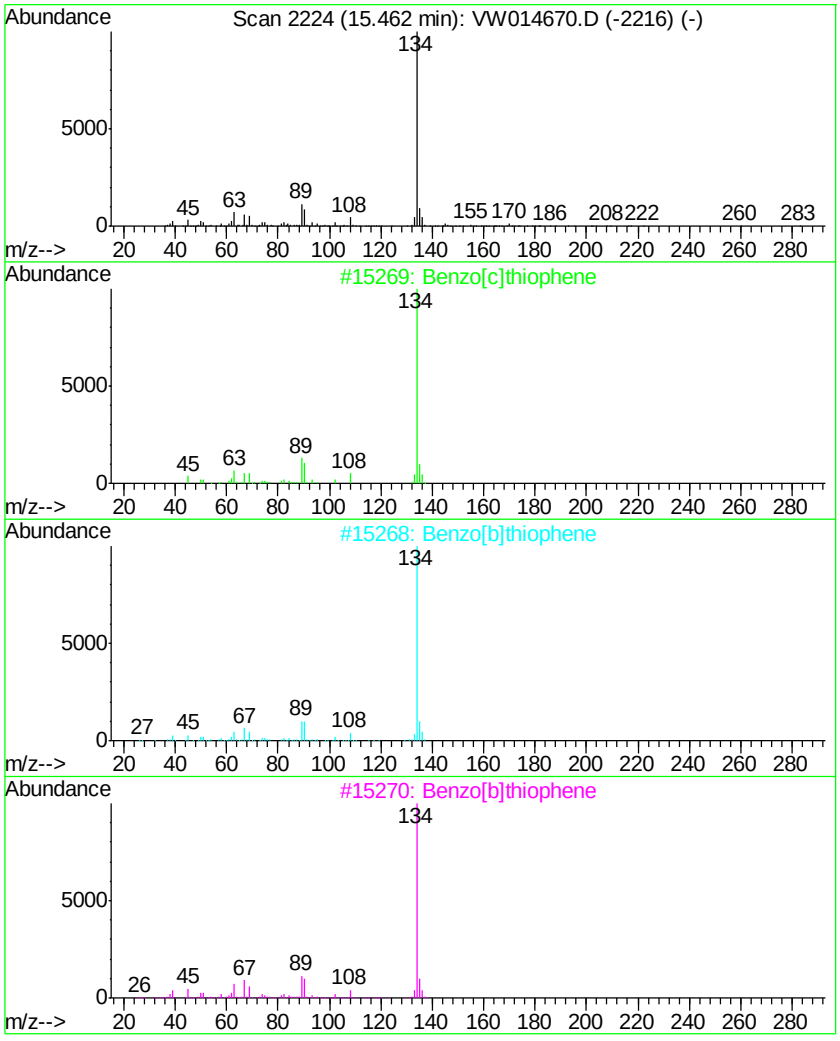
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

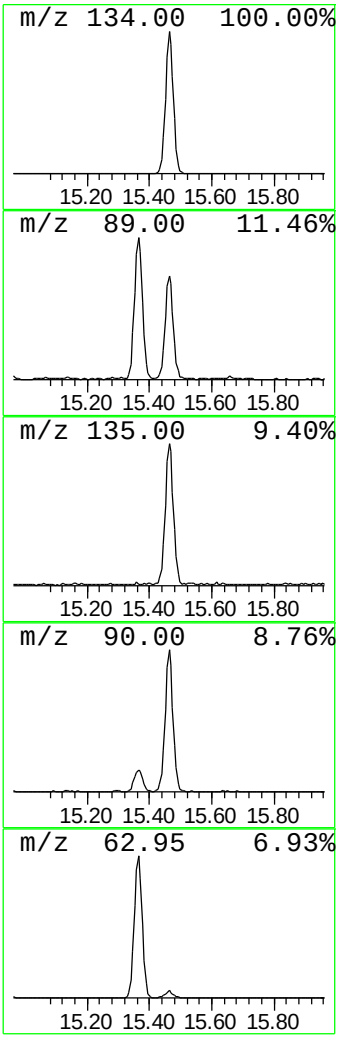
****

Peak Number 21 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	12.79 ug/L	1329150	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

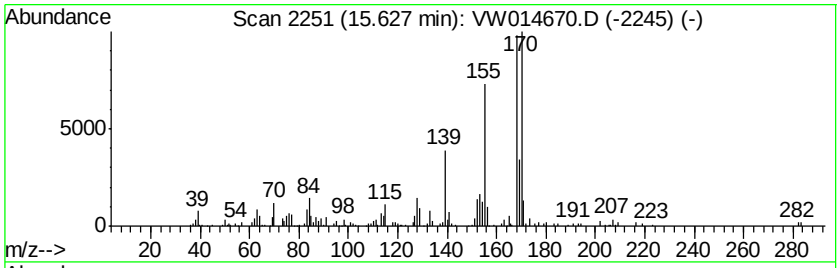
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

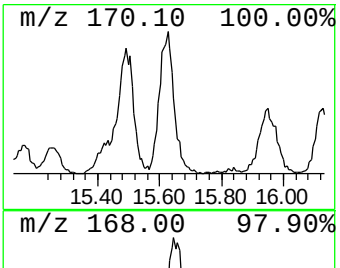
****

Peak Number 22 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.50 ug/L	260011	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

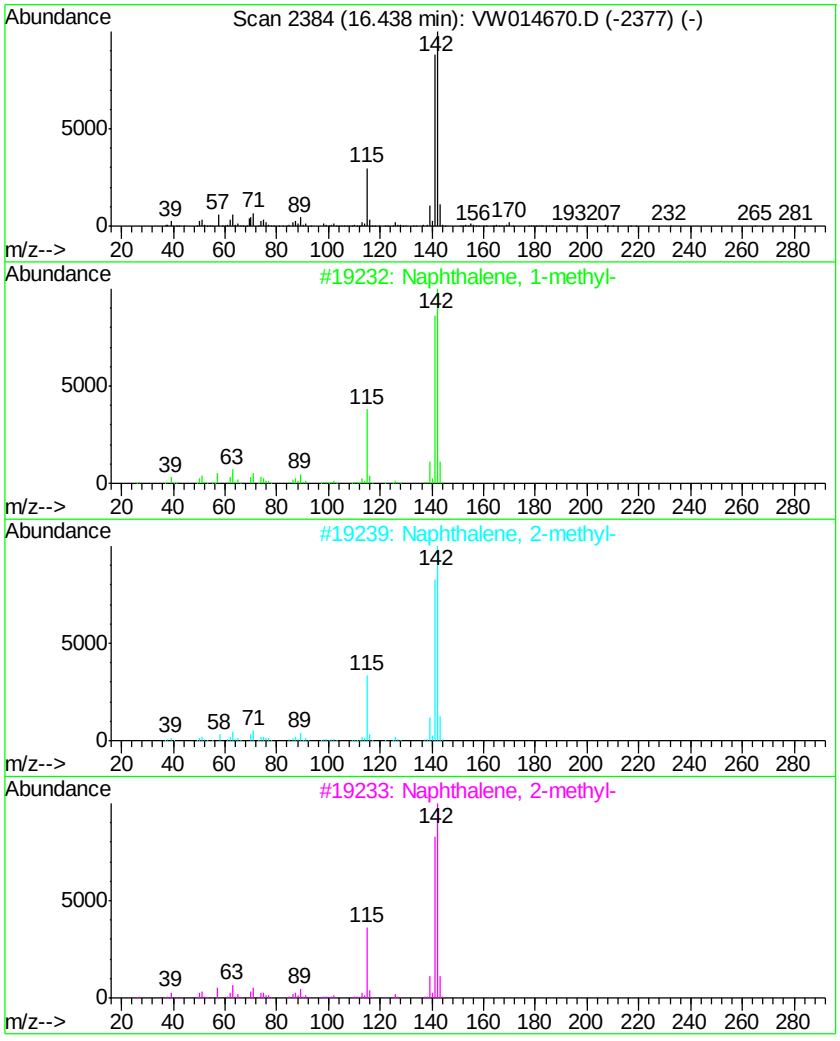
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

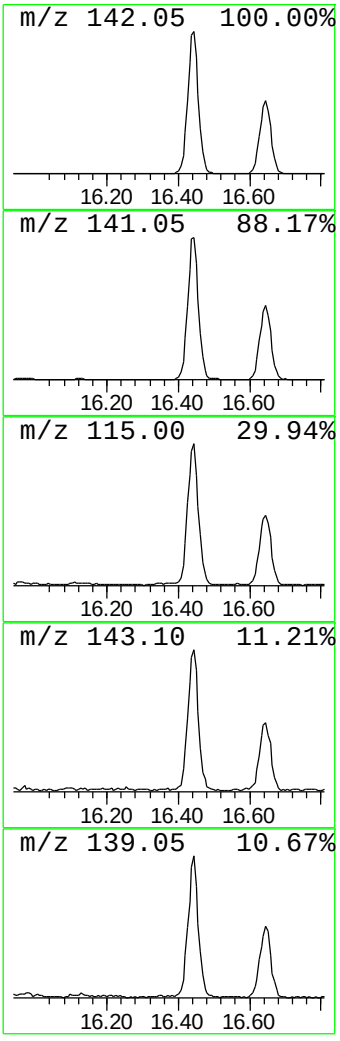
****

Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	9.84 ug/L	1022830	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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
Pyridine, 2-methyl-	11.24	6.2	ug/L	687128	2	11.63	2771590	25.0
Naphthalene, 1-et...	12.40	3.3	ug/L	365004	2	11.63	2771590	25.0
Naphthalene, 1,5-...	12.87	23.3	ug/L	2421700	3	13.55	2598290	25.0
Mesitylene	12.94	6.3	ug/L	649300	3	13.55	2598290	25.0
(DEL) Alkane: Str...	13.08	2.4	ug/L	251489	3	13.55	2598290	25.0
Benzene, 1,2,3-tr...	13.25	11.9	ug/L	1233250	3	13.55	2598290	25.0
Benzofuran	13.47	23.1	ug/L	2405390	3	13.55	2598290	25.0
Indane	13.76	5.1	ug/L	530793	3	13.55	2598290	25.0
Indene	13.94	19.4	ug/L	2014510	3	13.55	2598290	25.0
Benzoic acid, 2-[...	14.07	2.1	ug/L	222986	3	13.55	2598290	25.0
Naphthalene, 1,3-...	14.30	1.4	ug/L	149167	3	13.55	2598290	25.0
Benzofuran, 7-met...	14.39	3.9	ug/L	403400	3	13.55	2598290	25.0
Benzene, 1,2,4,5-...	14.79	2.8	ug/L	287757	3	13.55	2598290	25.0
Benzene, (1-methy...	14.96	2.9	ug/L	298839	3	13.55	2598290	25.0
Naphthalene, 2,3,...	15.07	2.2	ug/L	233166	3	13.55	2598290	25.0
Benzo[c]thiophene	15.46	12.8	ug/L	1329150	3	13.55	2598290	25.0
Naphthalene, 1,6,...	15.63	2.5	ug/L	260011	3	13.55	2598290	25.0
Naphthalene, 1-me...	16.44	9.8	ug/L	1022830	3	13.55	2598290	25.0