LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

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\SOM2WLM042419S.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	1.959	5	9	26	rVB2	17452	48393	0.60%	0.118%
2	2.154	37	41	49	rBV	14556	30077	0.37%	0.074%
3	2.361	68	75	88	rBV	52524	150107	1.86%	0.367%
4	2.885	155	161	177	rVB2	63076	182830	2.26%	0.448%
5	4.007	333	345	363	rBV	182439	647507	8.00%	1.585%
6	4.397	404	409	414	rVV2	4781	9299	0.11%	0.023%
7	4.672	446	454	462	rVV5	3430	10922	0.13%	0.027%
8	4.910	481	493	513	rBV2	41524	184921	2.29%	0.453%
9	5.080	518	521	524	rVB5	1163	1498	0.02%	0.004%
10	5.452	581	582	587	rVB3	1270	1436	0.02%	0.004%
11	5.922	652	659	665	rBV8	3438	9536	0.12%	0.023%
12	6.104	686	689	690	rBV	1668	1839	0.02%	0.005%
13	6.482	746	751	752	rBV3	1000	1527	0.02%	0.004%
14	7.001	832	836	837	rVV5	1458	1907	0.02%	0.005%
15	7.074	839	848	866	rVV	66642	195269	2.41%	0.478%
16	7.257	870	878	891	rVB2	26231	68641	0.85%	0.168%
17	7.525	919	922	923	rBV2	1638	1592	0.02%	0.004%
18	7.641	932	941	955	rVB	425420	1044440	12.91%	2.557%
19	7.872	976	979	982	rBV3	1046	1461	0.02%	0.004%
20	7.927	985	988	990	rBV3	1375	1379	0.02%	0.003%
21	8.269	1033	1044	1061	rBV2	776858	2312394	28.58%	5.661%
22	8.391	1061	1064	1070	rVB5	1450	2685	0.03%	0.007%
23	8.592	1094	1097	1100	rBV5	1109	1969	0.02%	0.005%
24	8.628	1100	1103	1107	rVB4	1631	1995	0.02%	0.005%
25	8.689	1110	1113	1117	rVB5	1635	2955	0.04%	0.007%
26	8.732	1117	1120	1122	rVB4	1169	1425	0.02%	0.003%
27	8.842	1128	1138	1147	rBV	1030802	2047293	25.30%	5.012%
28	8.909	1147	1149	1152	rVB4	1824	1676	0.02%	0.004%
29	9.073	1170	1176	1183	rVB6	9262	18678	0.23%	0.046%
30	9.275	1198	1209	1219	rBV	572118	1148758	14.20%	2.812%
31	9.561	1254	1256	1259	rBV2	1231	1674	0.02%	0.004%
32	9.659	1266	1272	1277	rBV5	3131	6139	0.08%	0.015%
33	9.756	1281	1288	1293	rBV4	4009	8826	0.11%	0.022%
34	9.890	1304	1310	1319	rBV5	7791	18492	0.23%	0.045%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

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\SOM2WLM042419S.M
Title : VOC Analysis

35	10.031	1326	1333	1342	rVV	255487	465821	5.76%	1.140%
36	10.128	1346	1349	1354	rVB6	3042	4955	0.06%	0.012%
37	10.250	1361	1369	1373	rBV5	4697	9025	0.11%	0.022%
38	10.323	1373	1381	1388	rVV	1071873	1870369	23.12%	4.579%
39	10.384	1388	1391	1400	rVB	30050	54365	0.67%	0.133%
40	10.506	1405	1411	1415	rBV4	4064	7465	0.09%	0.018%
41	10.579	1416	1423	1433	rVV	163054	287208	3.55%	0.703%
42	10.707	1437	1444	1449	rBV3	7320	12983	0.16%	0.032%
43	10.768	1452	1454	1457	rVB3	1856	2146	0.03%	0.005%
44	10.847	1462	1467	1473	rBV5	5843	11704	0.14%	0.029%
45	10.927	1473	1480	1494	rBV	256642	446198	5.51%	1.092%
46	11.085	1499	1506	1513	rVB8	5926	14463	0.18%	0.035%
47	11.183	1518	1522	1525	rVB3	1872	2507	0.03%	0.006%
48	11.232	1525	1530	1534	rBV8	2168	4044	0.05%	0.010%
49	11.280	1534	1538	1541	rVB5	2021	2891	0.04%	0.007%
50	11.335	1543	1547	1554	rBV10	3466	8999	0.11%	0.022%
51	11.408	1554	1559	1561	rBV5	4657	7344	0.09%	0.018%
52	11.512	1573	1576	1582	rVB5	3841	5687	0.07%	0.014%
53	11.628	1587	1595	1604	rBV	1448585	2492120	30.80%	6.101%
54	11.731	1608	1612	1618	rVB2	11212	18488	0.23%	0.045%
55	11.786	1618	1621	1623	rBV4	4396	6265	0.08%	0.015%
56	11.835	1624	1629	1640	rVB2	86444	164435	2.03%	0.403%
57	11.969	1649	1651	1655	rBV5	1278	1716	0.02%	0.004%
58	12.170	1673	1684	1692	rBV3	50955	112158	1.39%	0.275%
59	12.256	1694	1698	1702	rVB6	6002	8920	0.11%	0.022%
60	12.298	1703	1705	1707	rBV2	1872	1794	0.02%	0.004%
61	12.341	1709	1712	1713	rBV3	3089	3691	0.05%	0.009%
62	12.372	1713	1717	1725	rVB9	6560	14604	0.18%	0.036%
63	12.463	1728	1732	1736	rBV5	3582	6327	0.08%	0.015%
64	12.609	1752	1756	1761	rBV2	13149	20870	0.26%	0.051%
65	12.695	1763	1770	1780	rVB	392877	637077	7.87%	1.560%
66	12.804	1781	1788	1792	rBV5	6226	13128	0.16%	0.032%
67	12.871	1792	1799	1802	rBV	51907	105800	1.31%	0.259%
68	12.939	1806	1810	1817	rVB2	102121	197490	2.44%	0.483%
69	13.115	1830	1839	1845	rBV3	33655	81731	1.01%	0.200%
70	13.170	1845	1848	1855	rVB8	8598	12773	0.16%	0.031%
71	13.256	1855	1862	1866	rBV	229864	375151	4.64%	0.918%

LSC Area Percent Report

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Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

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\SOM2WLM042419S.M
Title : VOC Analysis

72	13.304	1866	1870	1874	rVV	117194	187155	2.31%	0.458%
73	13.353	1874	1878	1885	rVB3	47416	82619	1.02%	0.202%
74	13.451	1890	1894	1895	rBV3	20631	28959	0.36%	0.071%
75	13.560	1906	1912	1920	rBV	1431945	2444466	30.21%	5.984%
76	13.627	1921	1923	1932	rVB3	40727	88651	1.10%	0.217%
77	13.762	1932	1945	1947	rBV3	63535	142646	1.76%	0.349%
78	13.792	1947	1950	1954	rVB2	45006	62491	0.77%	0.153%
79	13.853	1954	1960	1968	rBV	980689	1737493	21.47%	4.254%
80	13.938	1968	1974	1982	rVB	649486	1051214	12.99%	2.574%
81	14.012	1984	1986	1989	rBV2	19413	26252	0.32%	0.064%
82	14.097	1998	2000	2005	rVB	55790	74281	0.92%	0.182%
83	14.146	2005	2008	2013	rVB2	26508	47218	0.58%	0.116%
84	14.213	2014	2019	2020	rBV2	35667	52748	0.65%	0.129%
85	14.237	2020	2023	2028	rVB3	59045	86326	1.07%	0.211%
86	14.341	2036	2040	2043	rBV4	21005	34156	0.42%	0.084%
87	14.396	2044	2049	2051	rBV3	76939	126758	1.57%	0.310%
88	14.463	2056	2060	2062	rBV	96055	132794	1.64%	0.325%
89	14.560	2072	2076	2081	rVB4	94674	161077	1.99%	0.394%
90	14.694	2094	2098	2101	rBV3	62587	107859	1.33%	0.264%
91	14.731	2101	2104	2109	rVB2	80504	114783	1.42%	0.281%
92	14.798	2109	2115	2122	rBV2	194845	420670	5.20%	1.030%
93	14.877	2122	2128	2135	rVV	425822	720732	8.91%	1.764%
94	14.963	2136	2142	2148	rVV	445074	771357	9.53%	1.888%
95	15.066	2155	2159	2163	rBV5	67020	111496	1.38%	0.273%
96	15.182	2173	2178	2183	rBV4	73688	149673	1.85%	0.366%
97	15.371	2202	2209	2217	rVB	4592603	8091323	100.00%	19.809%
98	15.810	2276	2281	2284	rBV6	63736	135450	1.67%	0.332%
99	16.450	2378	2386	2400	rVB	2345662	5098475	63.01%	12.482%
100	16.651	2411	2419	2429	rVB	1293357	2895896	35.79%	7.090%

Sum of corrected areas: 40847270

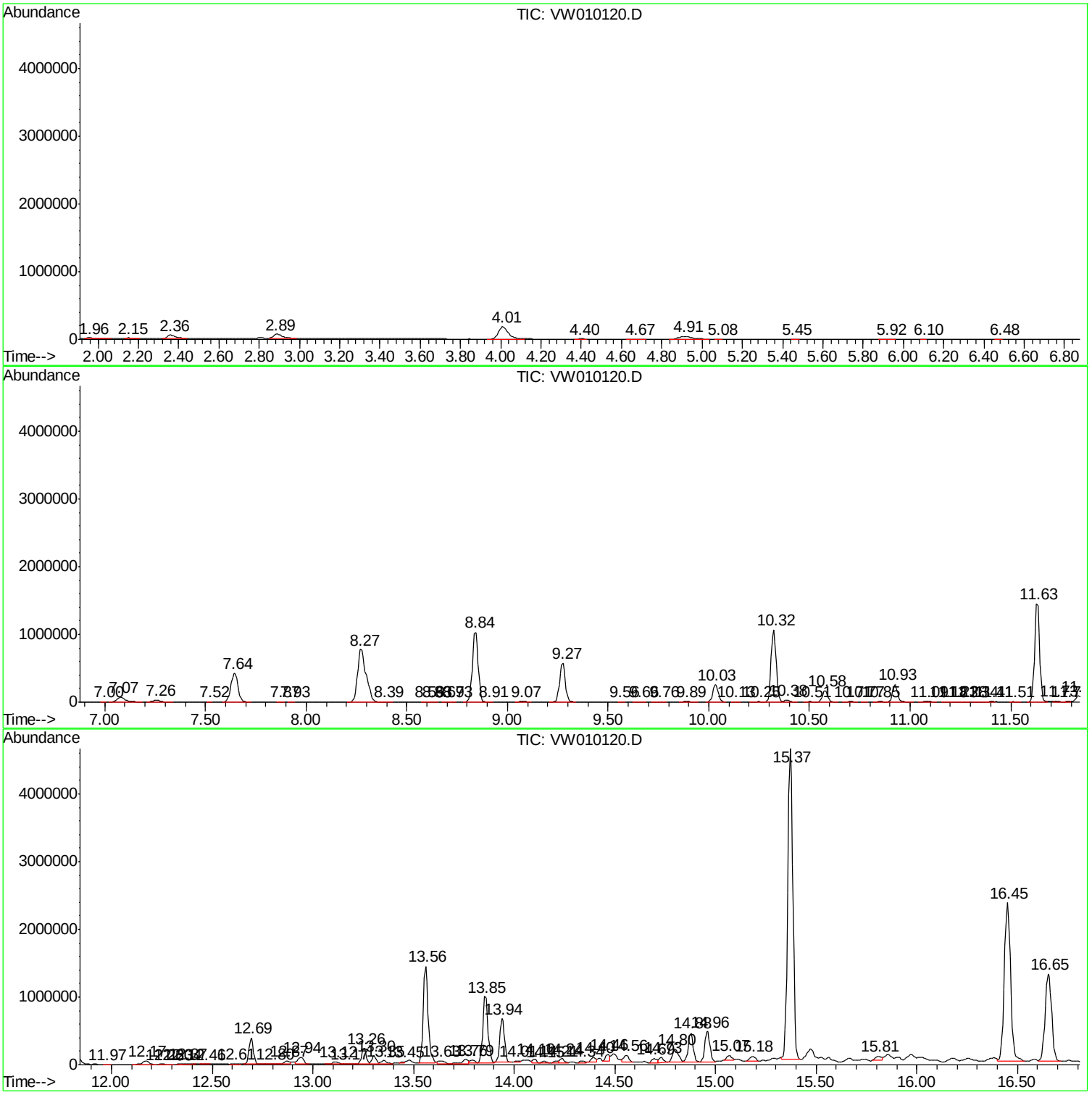
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

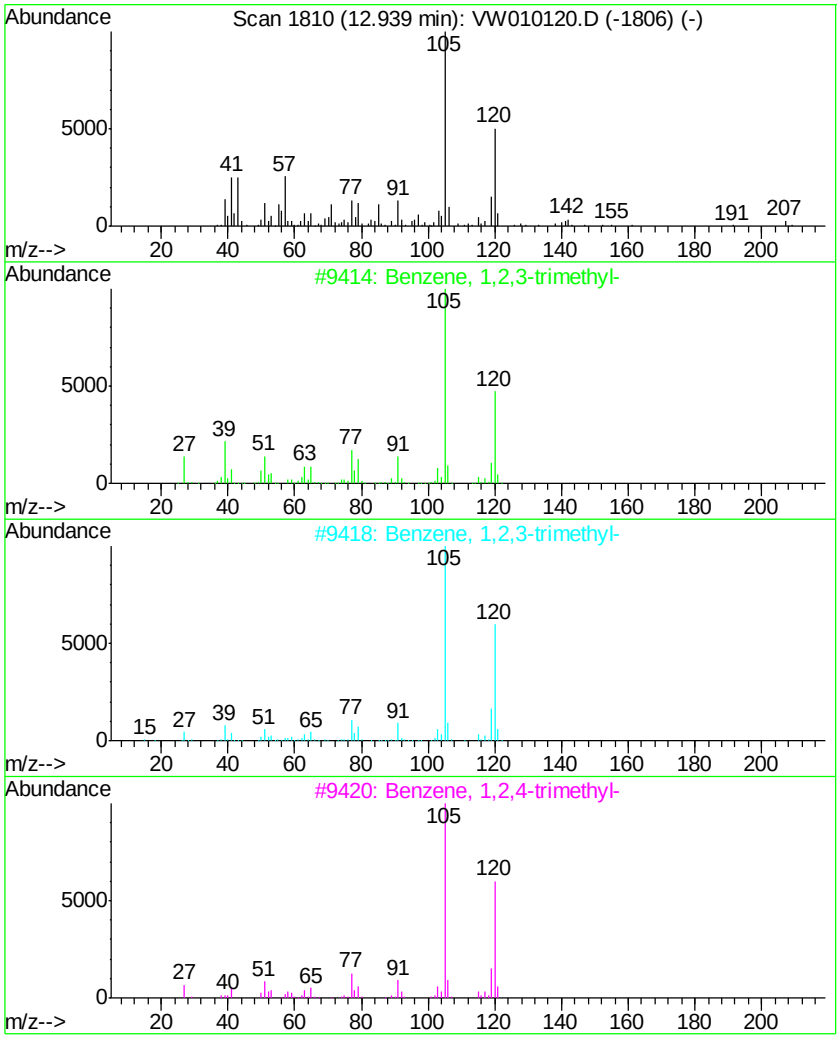
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

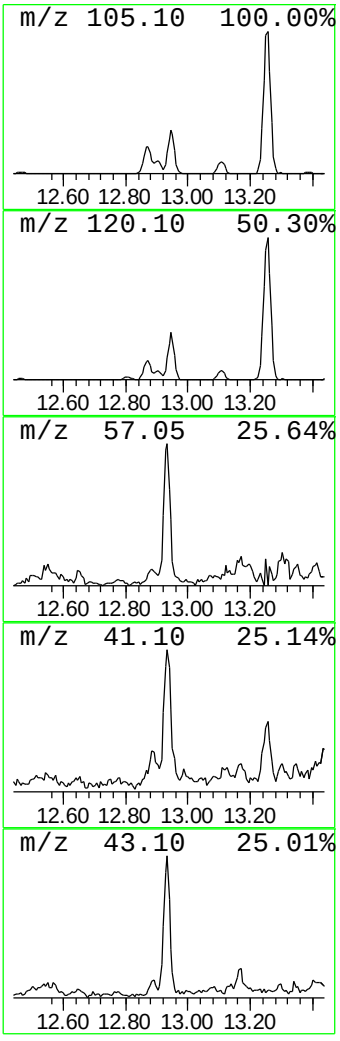
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.02 ug/L	197490	1,4-Dichlorobenzene-d4	13.56

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

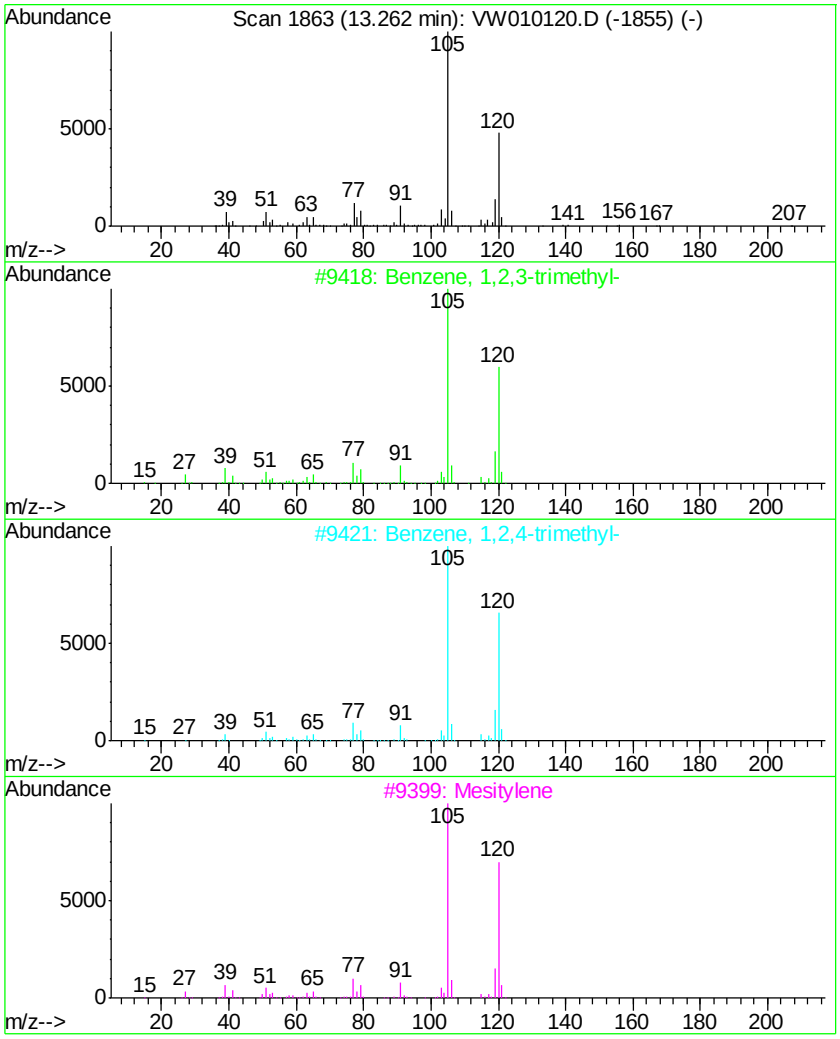
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

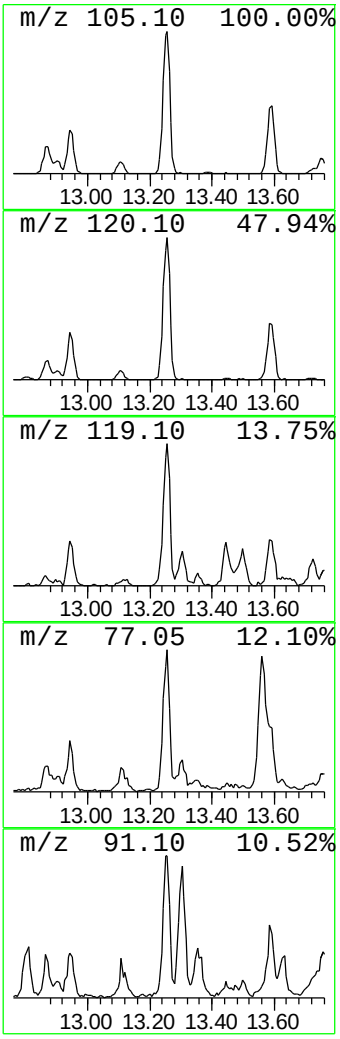
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.84 ug/L	375151	1,4-Dichlorobenzene-d4	13.56

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

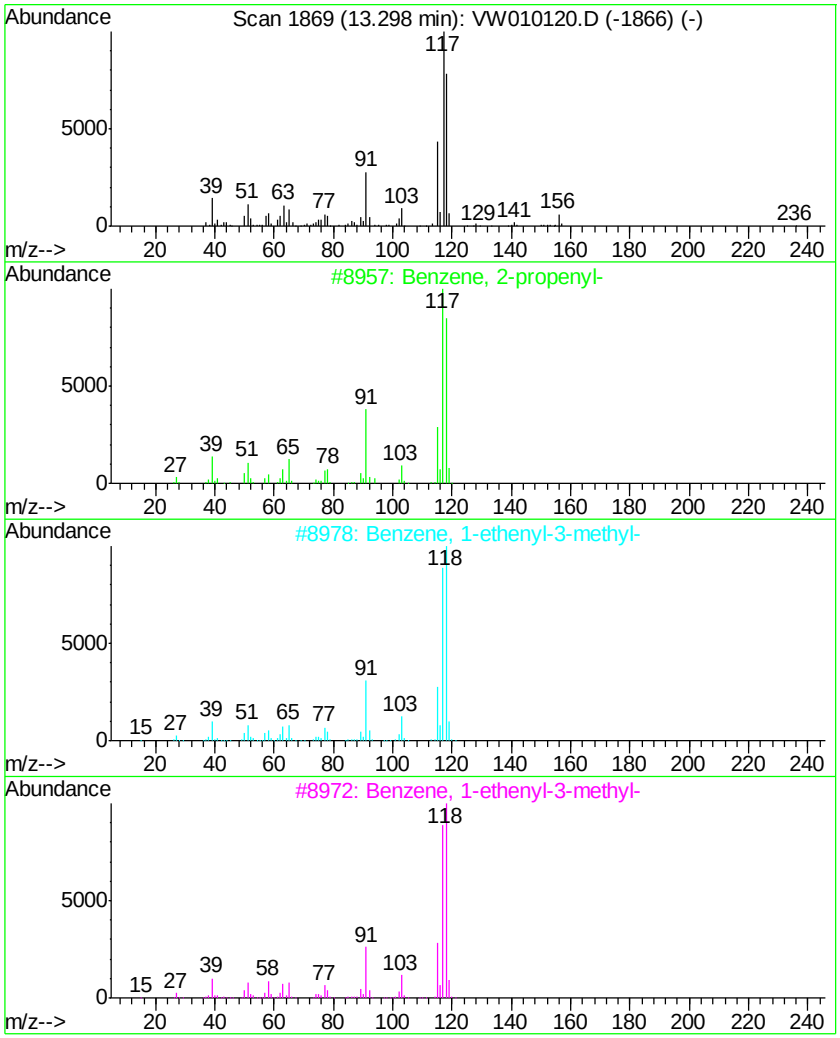
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

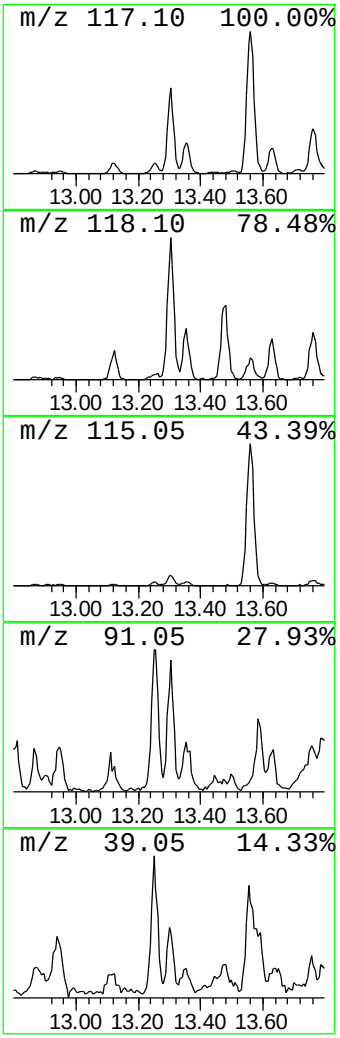
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.91 ug/L	187155	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

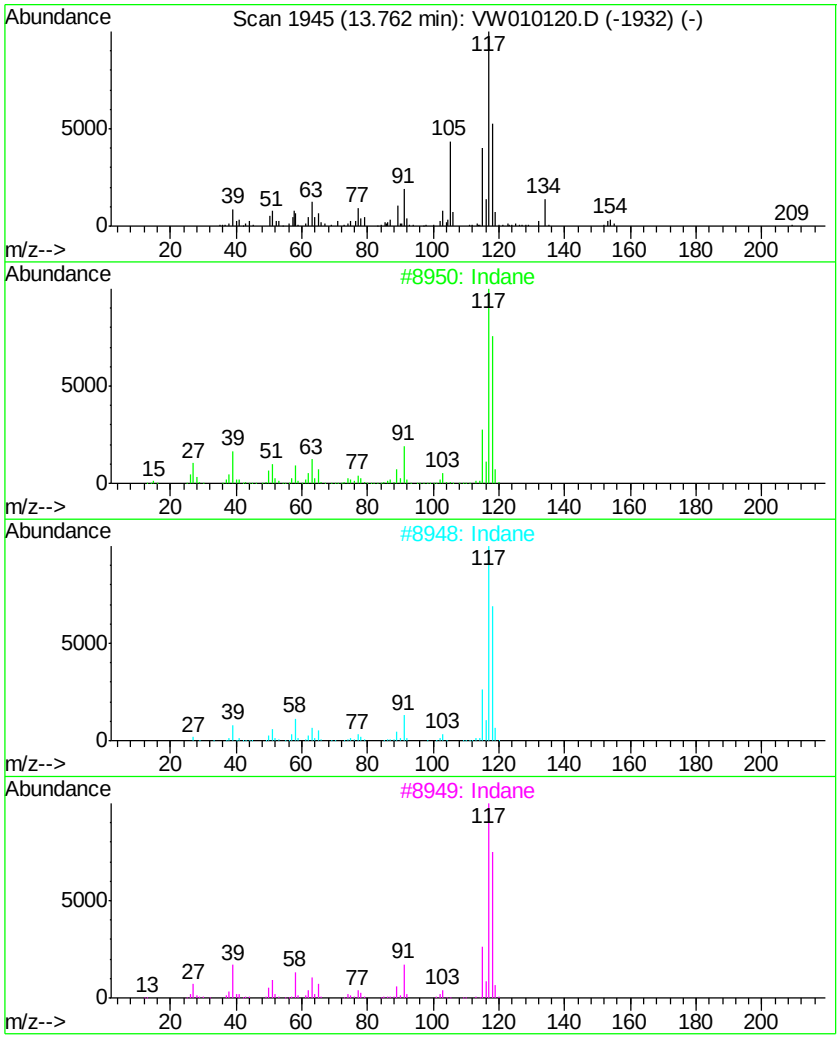
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

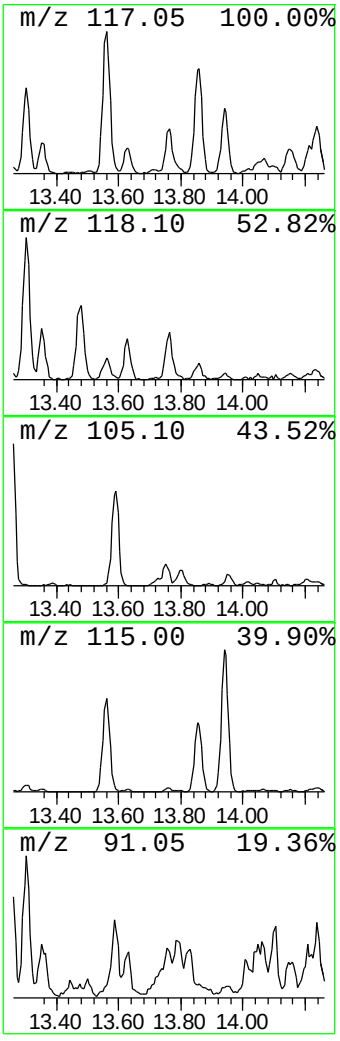
****

Peak Number 5 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	1.46 ug/L	142646	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	86
3	Indane	118	C9H10	000496-11-7	86
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
5	Indane	118	C9H10	000496-11-7	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
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Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

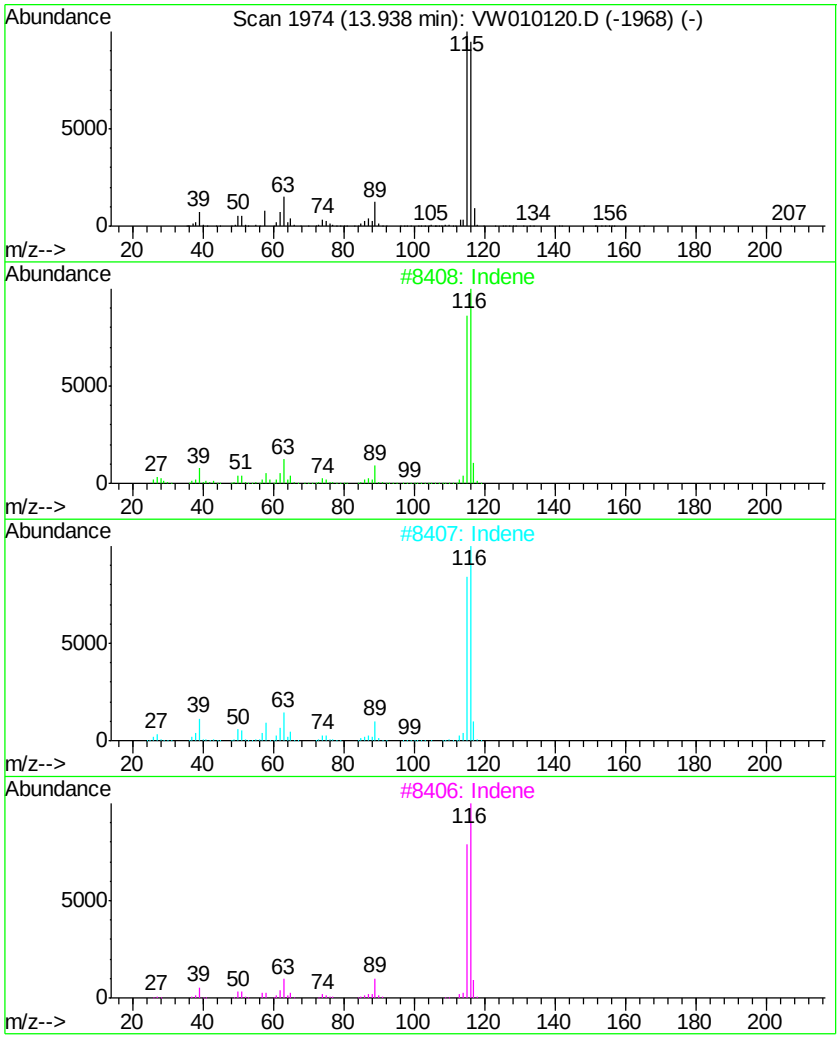
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

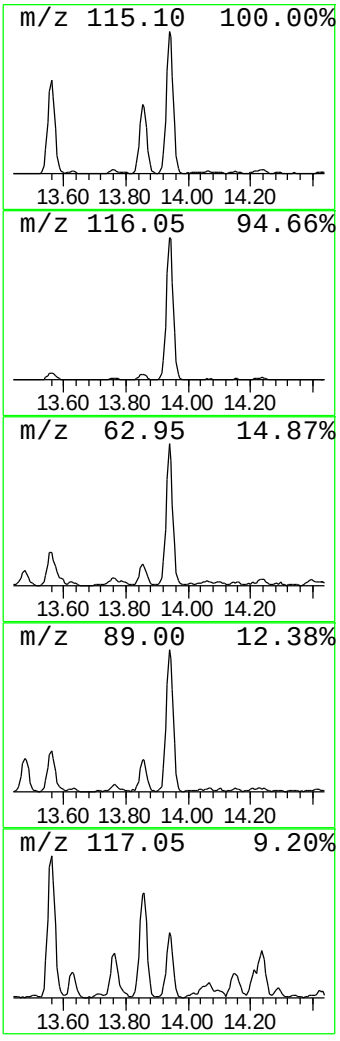
****

Peak Number 6 3-Methylphenylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	10.75 ug/L	1051210	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

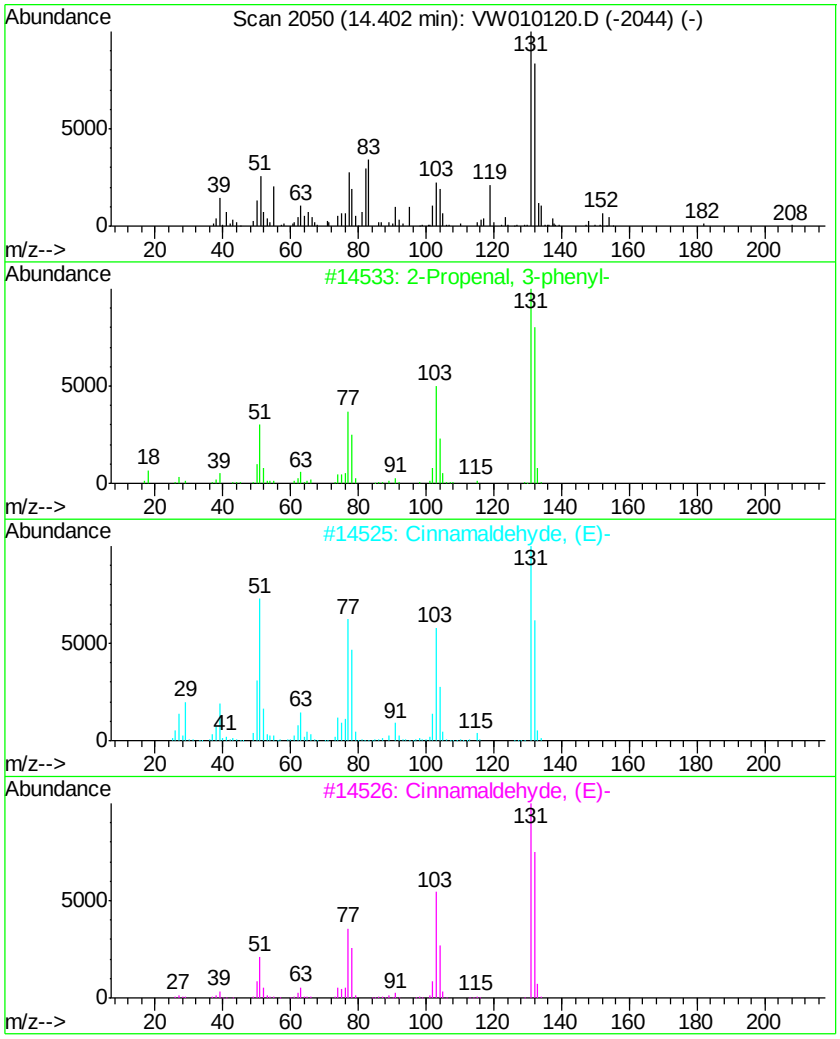
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

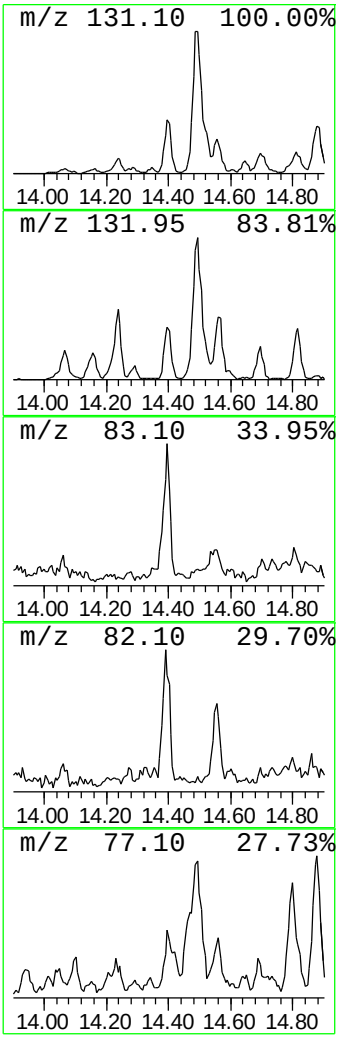
****

Peak Number 7 2-Propenal, 3-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	1.30 ug/L	126758	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64





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Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

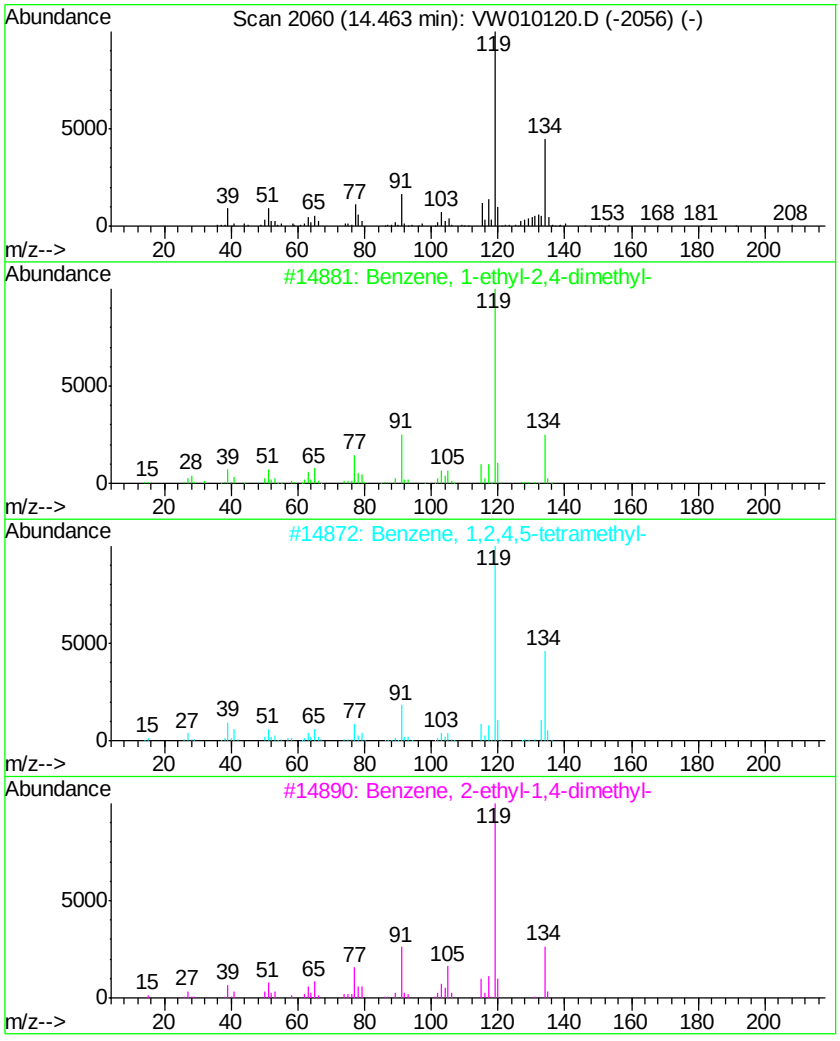
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

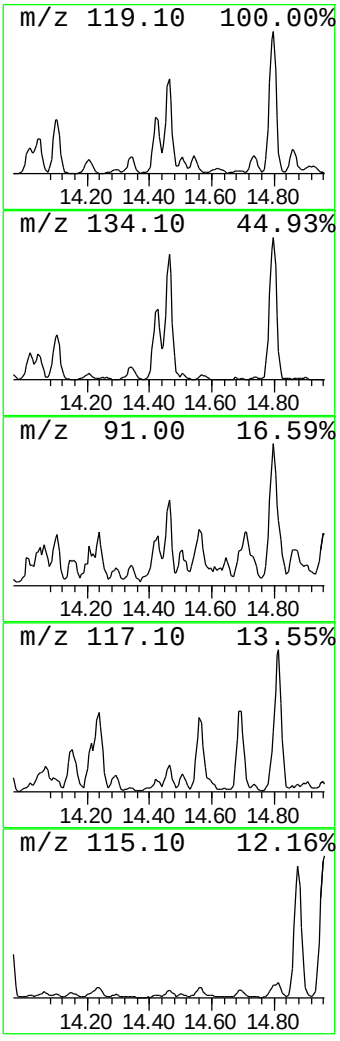
****

Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	1.36 ug/L	132794	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

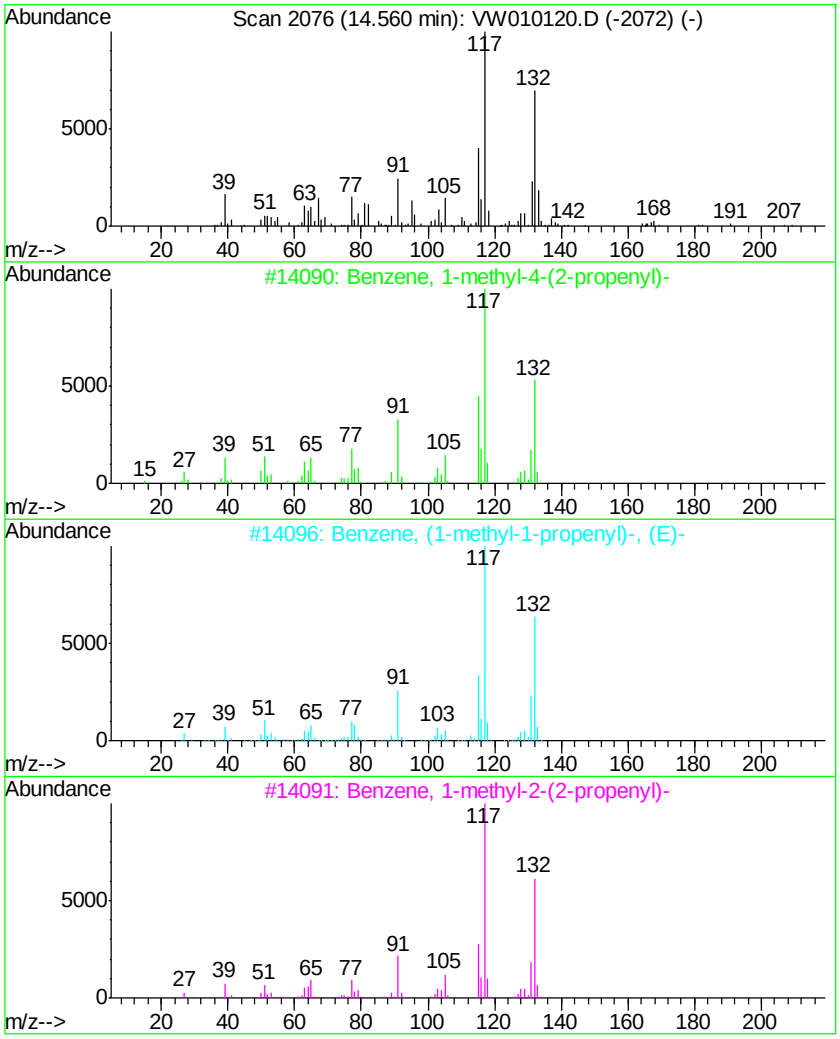
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

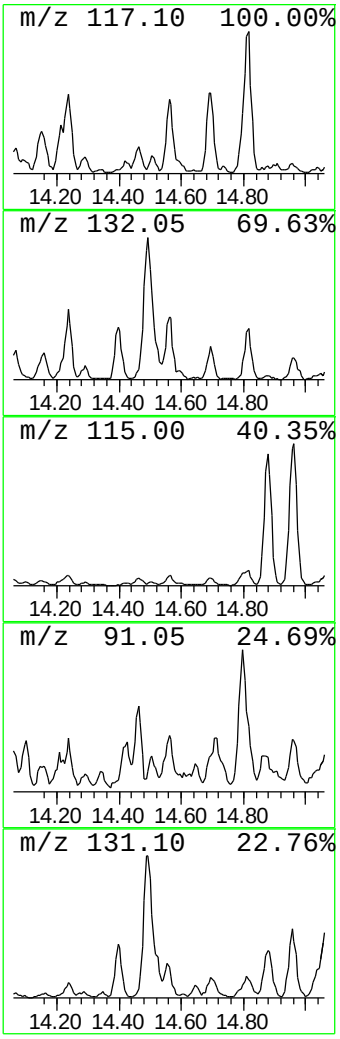
****

Peak Number 9 Benzene, 1-methyl-4-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	1.65 ug/L	161077	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	87





Library Search Compound Report

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Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

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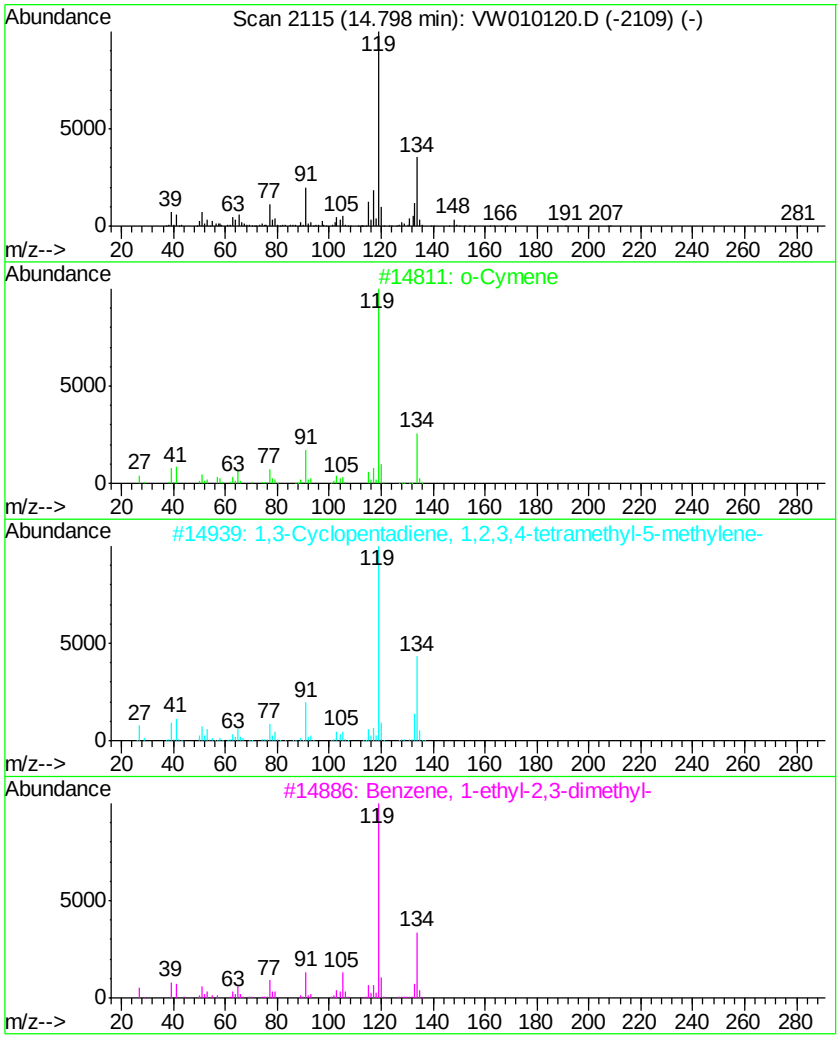
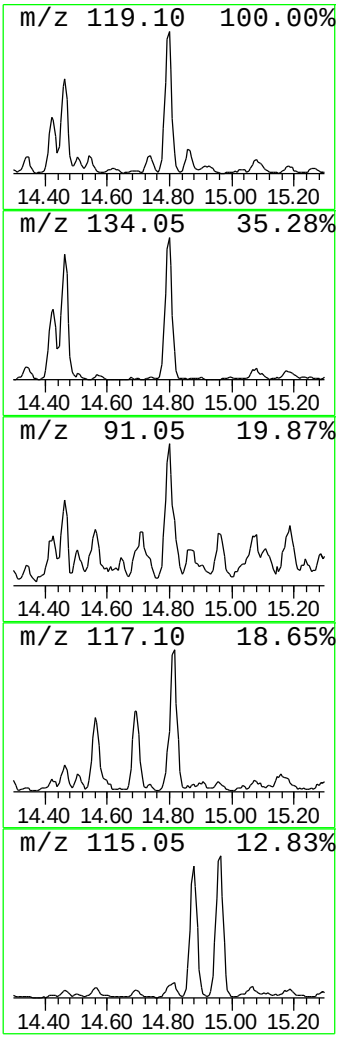
Peak Number 10 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.30 ug/L	420670	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	p-Cymene	134	C10H14	000099-87-6	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

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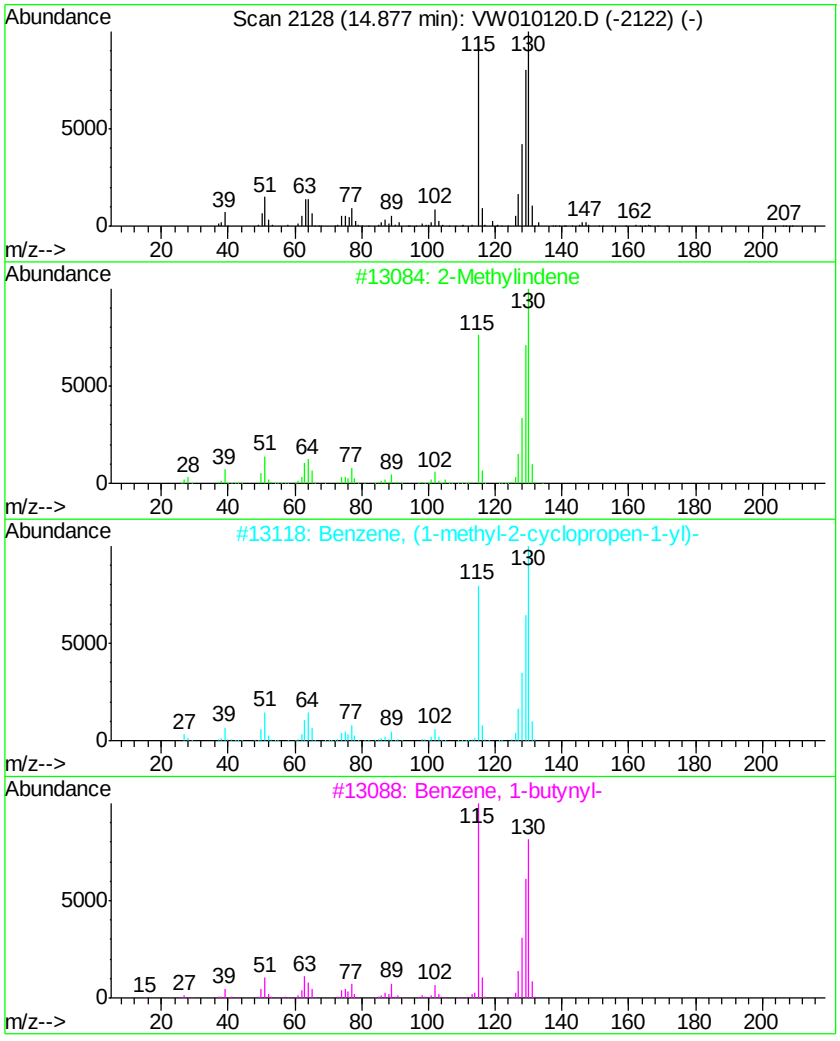
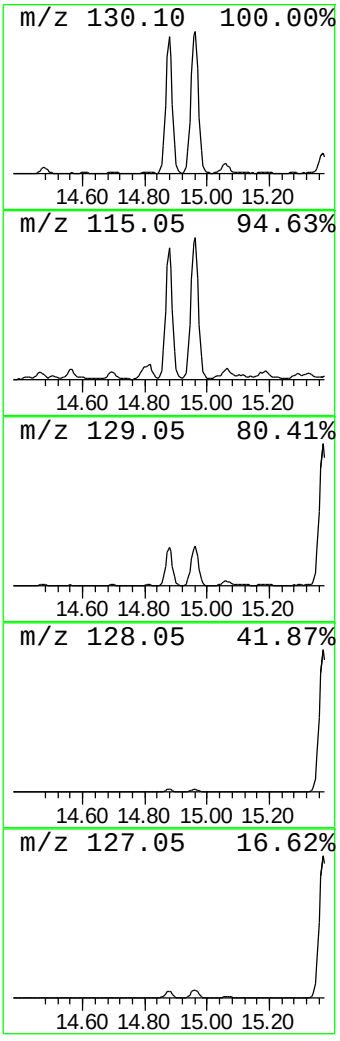
Peak Number 11 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.37 ug/L	720732	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

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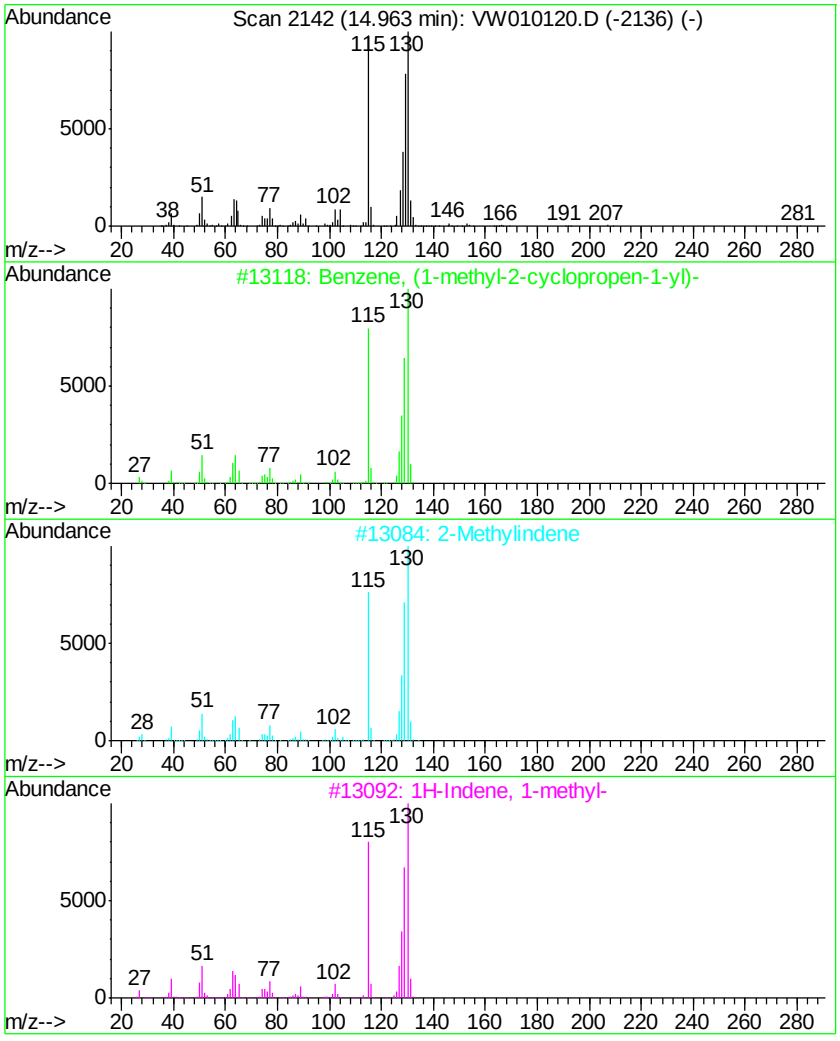
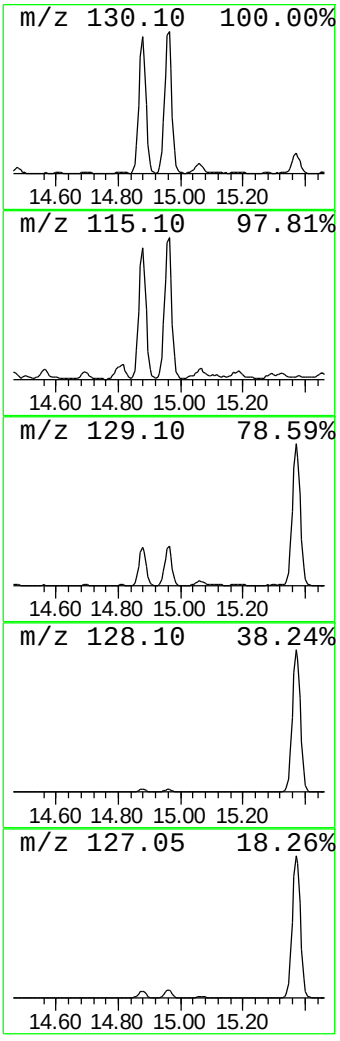
Peak Number 12 Benzene, (1-methyl-2-cyclop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	7.89 ug/L	771357	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





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Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

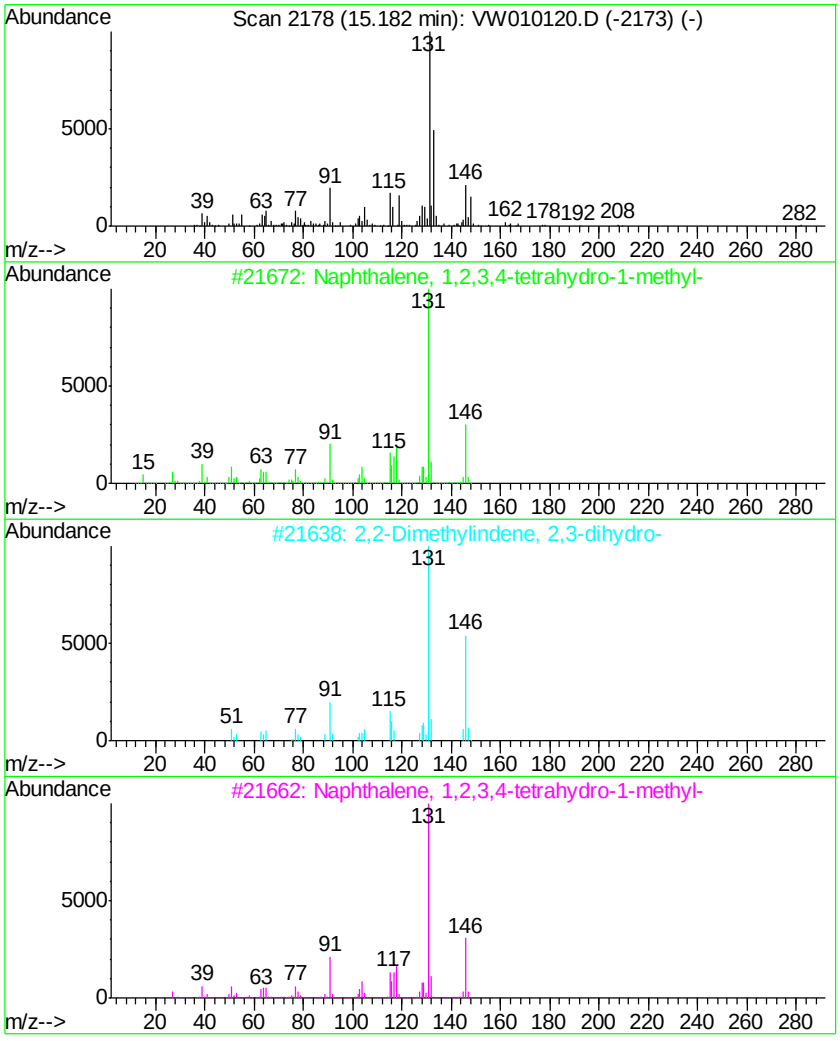
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

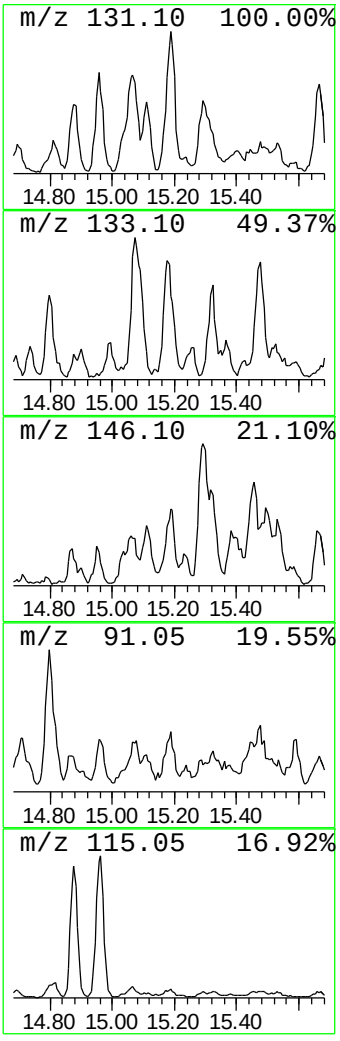
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	1.53 ug/L	149673	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Library Search Compound Report

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Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

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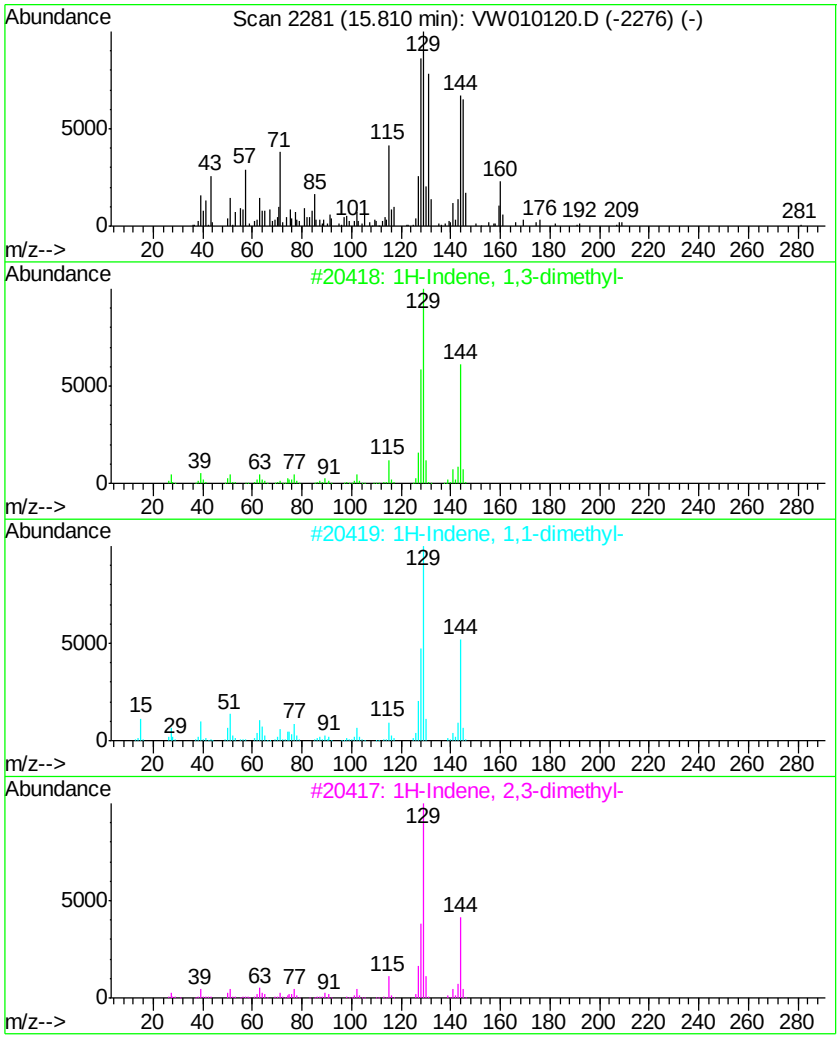
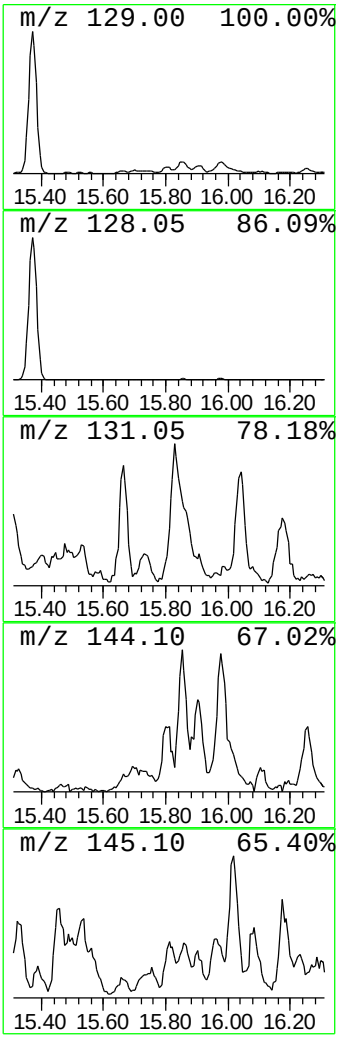
Peak Number 15 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	1.39 ug/L	135450	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	49
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	46
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	42
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	38
5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	38





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Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

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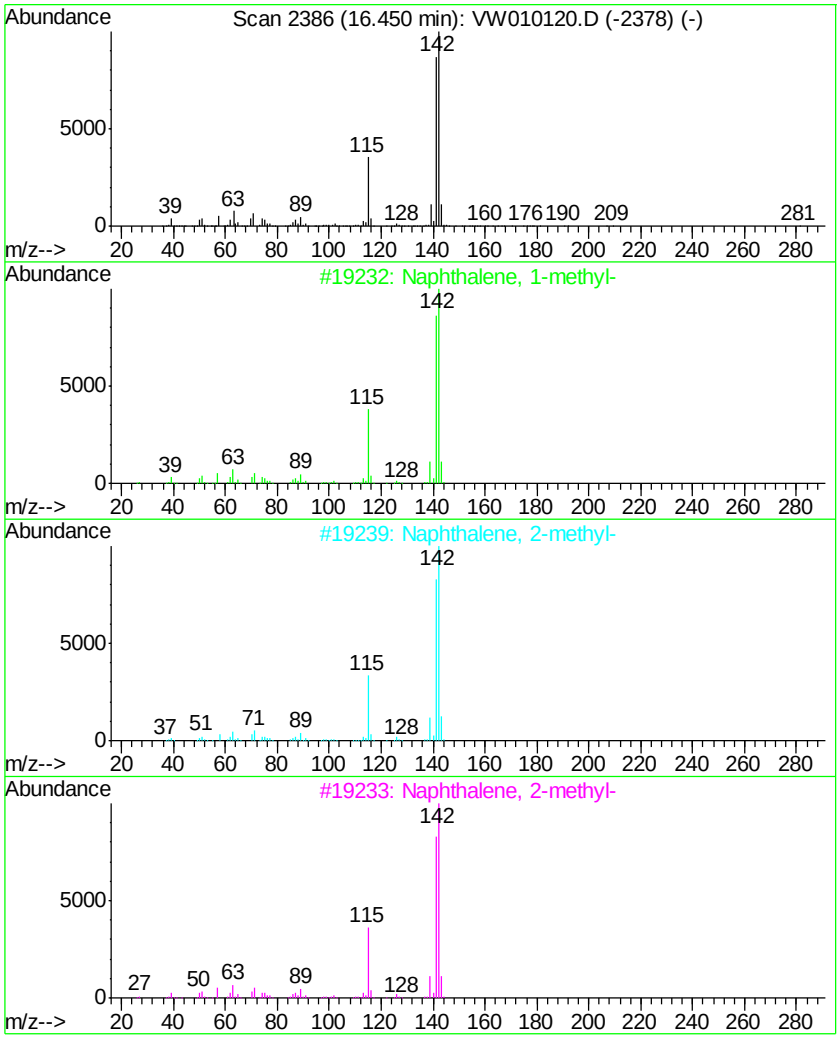
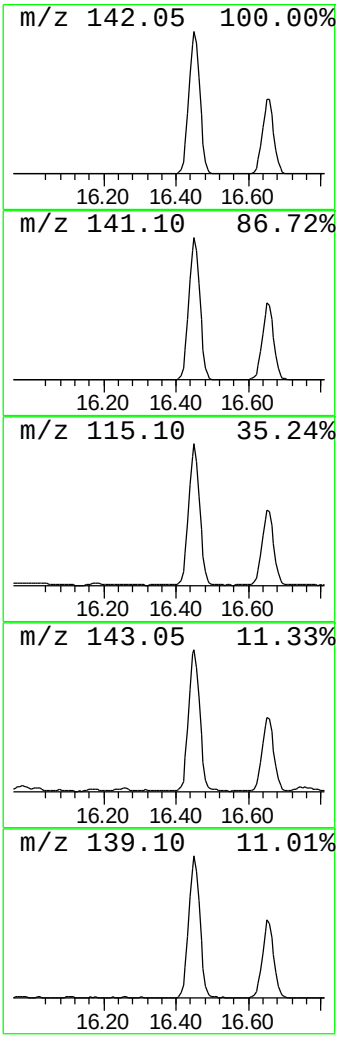
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	52.14 ug/L	5098480	1,4-Dichlorobenzene-d4	13.56

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010120.D
Acq On : 24 Apr 2019 20:35
Operator : SY/VA
Sample : K2481-23
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.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
Benzene, 1,2,3-tr...	12.94	2.0	ug/L	197490	3	13.56	2444470	25.0
Benzene, 1,2,4-tr...	13.26	3.8	ug/L	375151	3	13.56	2444470	25.0
Benzene, 2-propenyl-	13.30	1.9	ug/L	187155	3	13.56	2444470	25.0
Indane	13.76	1.5	ug/L	142646	3	13.56	2444470	25.0
3-Methylphenylace...	13.94	10.8	ug/L	1051210	3	13.56	2444470	25.0
2-Propenal, 3-phe...	14.40	1.3	ug/L	126758	3	13.56	2444470	25.0
Benzene, 1-ethyl-...	14.46	1.4	ug/L	132794	3	13.56	2444470	25.0
Benzene, 1-methyl...	14.56	1.6	ug/L	161077	3	13.56	2444470	25.0
o-Cymene	14.80	4.3	ug/L	420670	3	13.56	2444470	25.0
2-Methylindene	14.88	7.4	ug/L	720732	3	13.56	2444470	25.0
Benzene, (1-methy...	14.96	7.9	ug/L	771357	3	13.56	2444470	25.0
Naphthalene, 1,2,...	15.18	1.5	ug/L	149673	3	13.56	2444470	25.0
unknown-01	15.81	1.4	ug/L	135450	3	13.56	2444470	25.0
Naphthalene, 1-me...	16.45	52.1	ug/L	5098480	3	13.56	2444470	25.0