LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

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\SOM2WLM022019S.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	2.349	68	73	84	rVB	126051	199823	1.55%	0.473%
2	2.879	155	160	172	rVB	111593	223207	1.74%	0.528%
3	3.465	253	256	260	rVB6	1728	2751	0.02%	0.007%
4	3.513	260	264	265	rBV4	1042	1085	0.01%	0.003%
5	3.574	269	274	276	rBV4	1456	2057	0.02%	0.005%
6	3.690	288	293	295	rBV5	1781	3476	0.03%	0.008%
7	3.708	295	296	301	rVV5	2408	3694	0.03%	0.009%
8	3.751	301	303	305	rVB3	1293	1090	0.01%	0.003%
9	3.861	317	321	324	rBV5	1938	2555	0.02%	0.006%
10	3.922	327	331	332	rBV4	1422	1360	0.01%	0.003%
11	4.019	336	347	358	rBV	167488	438052	3.41%	1.037%
12	4.666	451	453	457	rVB4	1598	1453	0.01%	0.003%
13	4.769	468	470	473	rVB2	1253	939	0.01%	0.002%
14	4.806	473	476	478	rBV3	1251	1231	0.01%	0.003%
15	4.922	489	495	506	rVB4	13218	35411	0.28%	0.084%
16	5.135	526	530	533	rBV5	1155	2314	0.02%	0.005%
17	5.233	544	546	549	rBV4	941	1194	0.01%	0.003%
18	5.702	621	623	627	rBV2	729	984	0.01%	0.002%
19	6.147	694	696	698	rVB3	1178	883	0.01%	0.002%
20	6.367	730	732	734	rBV3	1164	1071	0.01%	0.003%
21	6.391	734	736	739	rBV4	1108	1424	0.01%	0.003%
22	6.568	762	765	766	rBV3	1034	1027	0.01%	0.002%
23	6.665	779	781	784	rVB3	1189	1118	0.01%	0.003%
24	6.726	788	791	792	rBV3	811	951	0.01%	0.002%
25	6.915	821	822	824	rBV2	984	872	0.01%	0.002%
26	7.019	837	839	841	rBV2	1076	1453	0.01%	0.003%
27	7.080	842	849	858	rVV	31417	85712	0.67%	0.203%
28	7.415	902	904	906	rBV3	1287	1250	0.01%	0.003%
29	7.647	932	942	957	rBV	221408	566590	4.40%	1.341%
30	7.811	968	969	971	rBV	1483	1257	0.01%	0.003%
31	7.939	977	990	991	rBV	4954	12404	0.10%	0.029%
32	8.141	1022	1023	1024	rVV	2346	1245	0.01%	0.003%
33	8.159	1024	1026	1031	rVB4	2975	3868	0.03%	0.009%
34	8.275	1035	1045	1059	rBV2	429344	1241495	9.65%	2.939%

LSC Area Percent Report

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Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

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\SOM2WLM022019S.M
Title : VOC Analysis

35	8.500	1081	1082	1084	rBV2	1101	1012	0.01%	0.002%
36	8.628	1100	1103	1104	rBV3	923	1185	0.01%	0.003%
37	8.683	1109	1112	1113	rBV2	1910	1885	0.01%	0.004%
38	8.750	1118	1123	1129	rVB2	11685	21055	0.16%	0.050%
39	8.842	1129	1138	1148	rBV	436456	844118	6.56%	1.999%
40	8.957	1155	1157	1159	rVB3	1398	1097	0.01%	0.003%
41	8.982	1159	1161	1162	rBV2	1059	887	0.01%	0.002%
42	9.031	1166	1169	1171	rBV5	2010	2864	0.02%	0.007%
43	9.275	1200	1209	1218	rBV	296868	599150	4.66%	1.419%
44	9.470	1239	1241	1243	rBV2	1173	981	0.01%	0.002%
45	9.567	1253	1257	1259	rBV5	1011	1591	0.01%	0.004%
46	9.610	1262	1264	1267	rBV4	1330	1727	0.01%	0.004%
47	9.750	1285	1287	1289	rVB2	1467	1016	0.01%	0.002%
48	9.774	1289	1291	1295	rBV4	1305	1520	0.01%	0.004%
49	9.854	1301	1304	1305	rBV3	863	900	0.01%	0.002%
50	9.902	1310	1312	1315	rVB4	1324	1276	0.01%	0.003%
51	9.939	1315	1318	1319	rBV3	1322	1184	0.01%	0.003%
52	10.037	1326	1334	1341	rBV	139910	259247	2.02%	0.614%
53	10.323	1372	1381	1387	rBV	648827	1148285	8.93%	2.719%
54	10.390	1387	1392	1400	rVB	52788	96913	0.75%	0.229%
55	10.482	1406	1407	1408	rBV	1626	983	0.01%	0.002%
56	10.500	1408	1410	1416	rVB5	2775	4052	0.03%	0.010%
57	10.579	1416	1423	1433	rVB	88794	156015	1.21%	0.369%
58	10.713	1437	1445	1448	rBV2	29483	65311	0.51%	0.155%
59	10.860	1463	1469	1473	rBV7	2985	6354	0.05%	0.015%
60	10.927	1473	1480	1490	rBV	140059	238581	1.85%	0.565%
61	11.030	1492	1497	1502	rBV4	16691	26642	0.21%	0.063%
62	11.128	1511	1513	1516	rVB2	2281	2254	0.02%	0.005%
63	11.164	1516	1519	1521	rBV3	1361	1589	0.01%	0.004%
64	11.244	1529	1532	1534	rVB3	1098	1106	0.01%	0.003%
65	11.280	1535	1538	1540	rBV4	1007	982	0.01%	0.002%
66	11.372	1551	1553	1557	rBV4	690	991	0.01%	0.002%
67	11.488	1568	1572	1575	rBV5	842	1328	0.01%	0.003%
68	11.634	1588	1596	1605	rBV	604131	1037086	8.06%	2.455%
69	11.774	1617	1619	1621	rVB3	1230	964	0.01%	0.002%
70	11.823	1621	1627	1639	rBV7	13722	28641	0.22%	0.068%
71	11.914	1641	1642	1644	rBV2	1329	1014	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
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Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

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\SOM2WLM022019S.M
Title : VOC Analysis

72	12.103	1670	1673	1677	rBV5	2687	3843	0.03%	0.009%
73	12.170	1680	1684	1687	rVV6	2473	3645	0.03%	0.009%
74	12.243	1694	1696	1700	rBV3	854	1443	0.01%	0.003%
75	12.335	1703	1711	1714	rBV	34708	63043	0.49%	0.149%
76	12.469	1725	1733	1747	rBV	5587870	9163030	71.23%	21.695%
77	12.609	1751	1756	1761	rBV	31168	52773	0.41%	0.125%
78	12.682	1761	1768	1773	rBV2	1832695	3253968	25.29%	7.704%
79	12.829	1790	1792	1796	rVB4	2857	3089	0.02%	0.007%
80	12.969	1805	1815	1819	rBV3	268111	581220	4.52%	1.376%
81	13.030	1819	1825	1836	rVB	7908977	12864305	100.00%	30.458%
82	13.274	1856	1865	1874	rVB	2889197	4548176	35.36%	10.768%
83	13.377	1876	1882	1883	rBV2	22271	41989	0.33%	0.099%
84	13.414	1883	1888	1891	rBV3	151696	289203	2.25%	0.685%
85	13.469	1893	1897	1899	rBV	975965	1412427	10.98%	3.344%
86	13.560	1907	1912	1918	rVB	627937	993449	7.72%	2.352%
87	13.621	1918	1922	1933	rVB3	69611	121086	0.94%	0.287%
88	13.719	1933	1938	1943	rVB3	27548	45903	0.36%	0.109%
89	13.853	1953	1960	1970	rBV	523354	861725	6.70%	2.040%
90	13.963	1973	1978	1981	rVV2	40501	67724	0.53%	0.160%
91	13.999	1981	1984	1991	rVV	92277	145027	1.13%	0.343%
92	14.072	1991	1996	2004	rVV3	25251	51880	0.40%	0.123%
93	14.158	2005	2010	2017	rVB	32468	51476	0.40%	0.122%
94	14.402	2044	2050	2051	rBV5	2844	4545	0.04%	0.011%
95	14.572	2076	2078	2080	rBV3	1752	2032	0.02%	0.005%
96	14.835	2116	2121	2128	rVB2	43741	70689	0.55%	0.167%
97	15.310	2193	2199	2205	rVB3	35328	69412	0.54%	0.164%
98	15.426	2214	2218	2225	rVB	27107	42634	0.33%	0.101%
99	16.432	2378	2383	2389	rVB8	8577	16836	0.13%	0.040%
100	16.676	2421	2423	2425	rBV3	2497	2455	0.02%	0.006%

Sum of corrected areas: 42236109

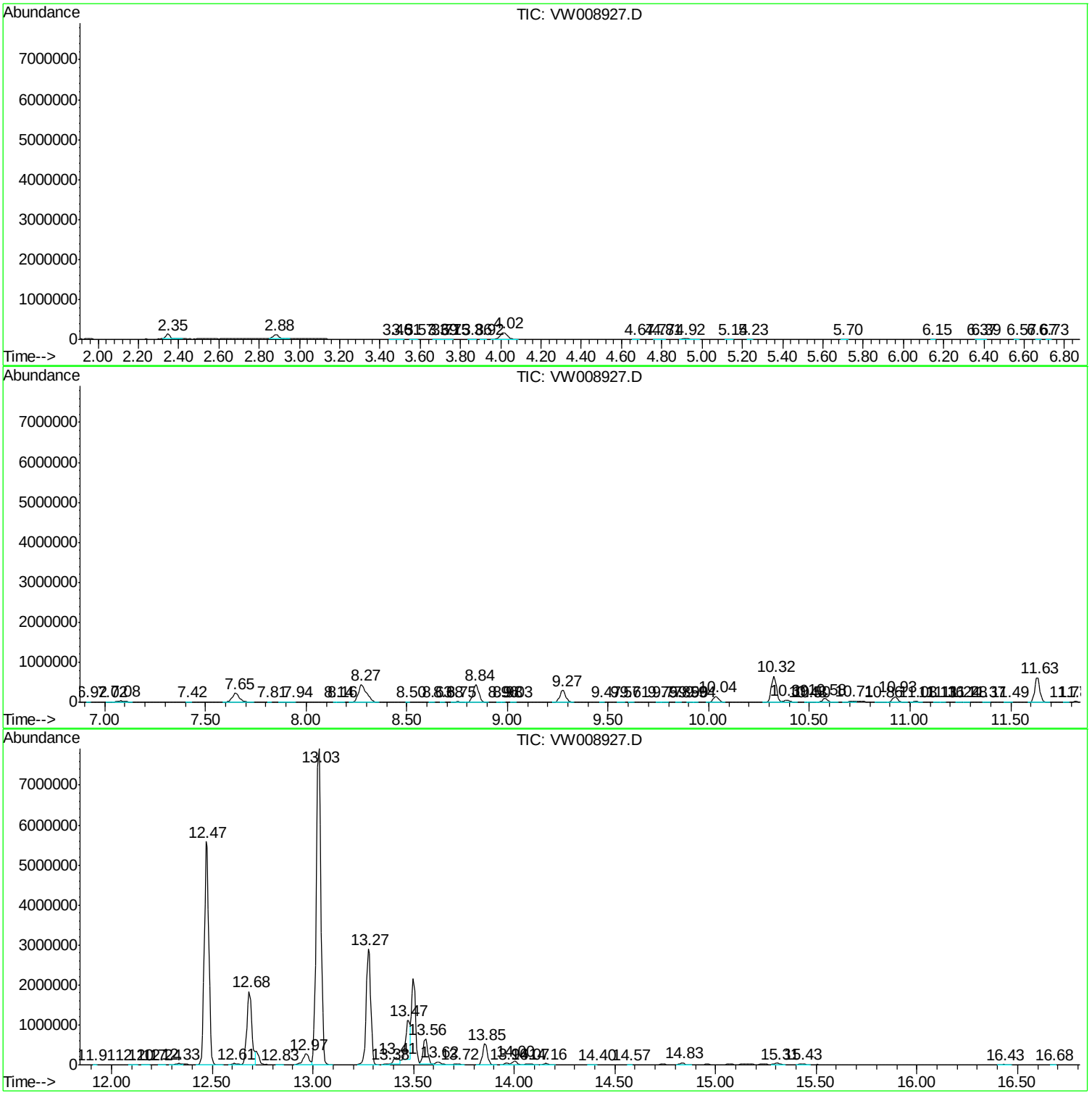
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

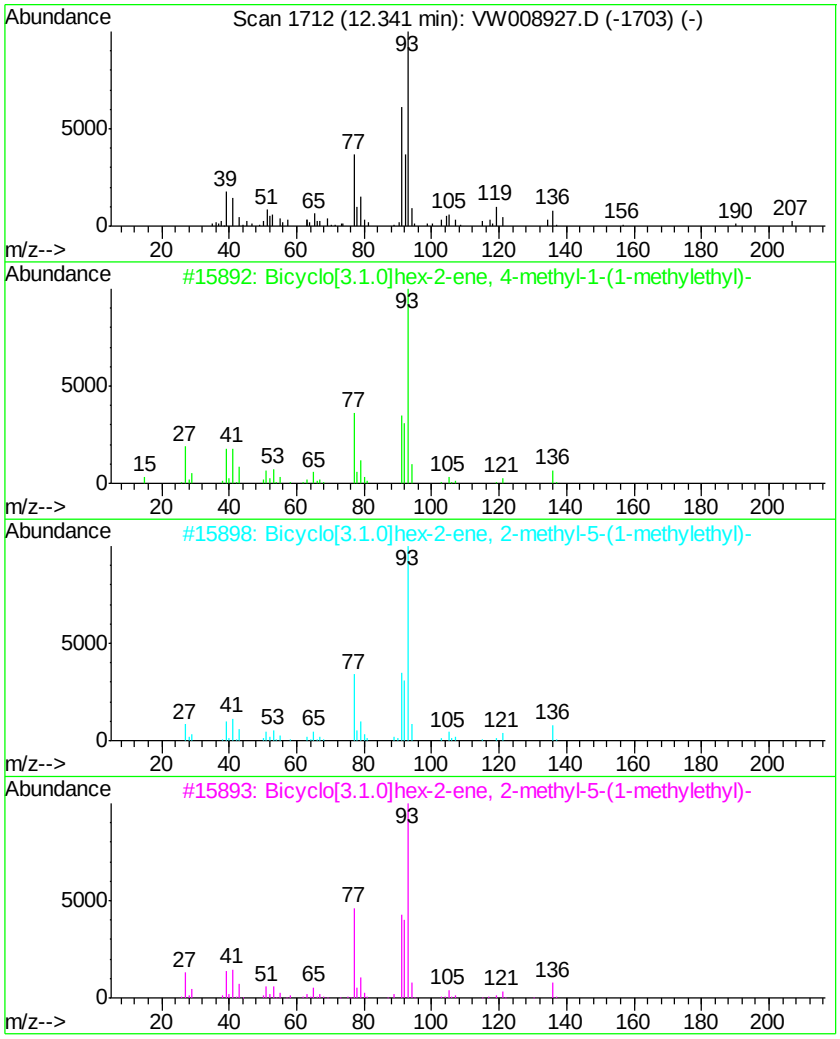
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

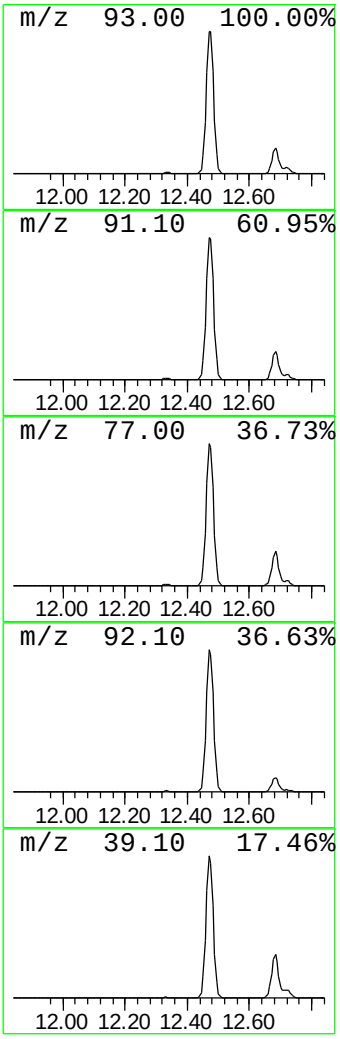
****

Peak Number 3 Bicyclo[3.1.0]hex-2-ene, 4-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	1.52 ug/L	63043	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	74
2	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	74
3	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	72
4	.alpha.-Phellandrene	136	C10H16	000099-83-2	53
5	.alpha.-Pinene	136	C10H16	000080-56-8	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

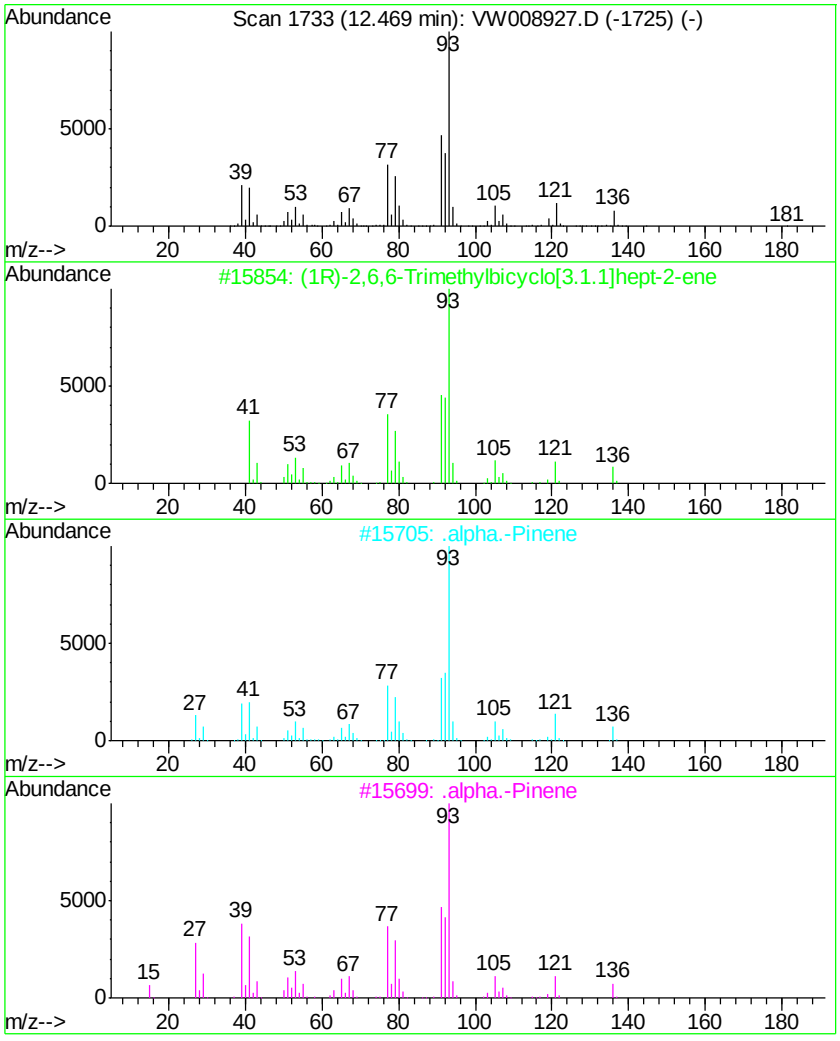
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

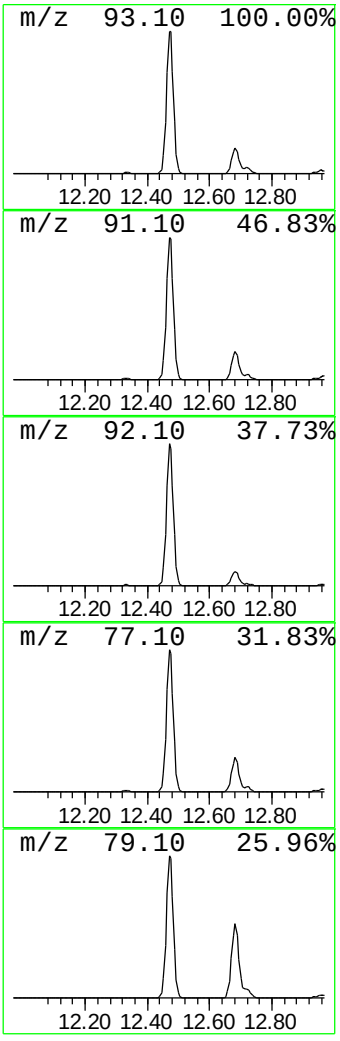
****

Peak Number 4 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	220.88 ug/L	9163030	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	97
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

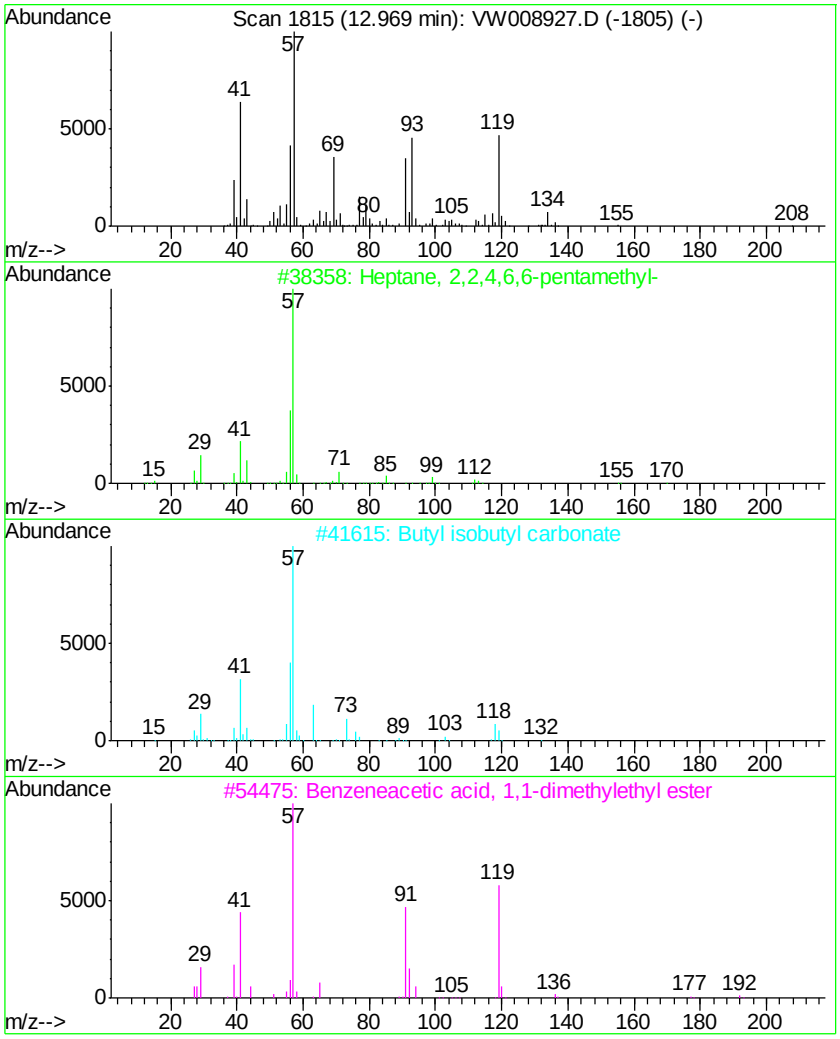
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

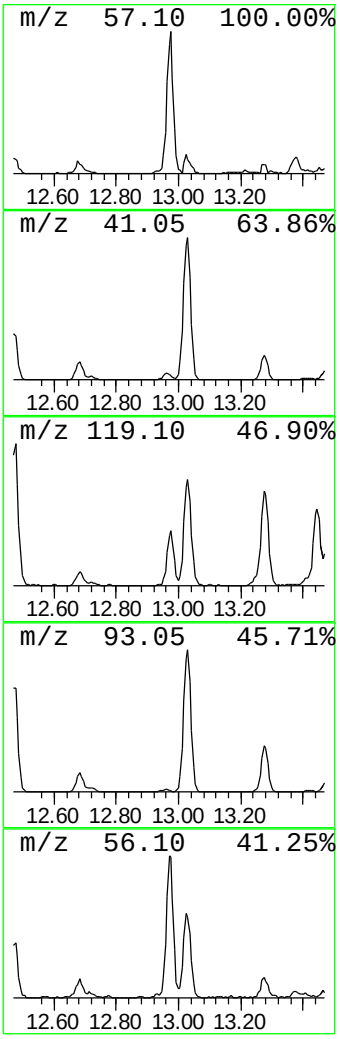
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	14.63 ug/L	581220	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	27
2	Butyl isobutyl carbonate	174	C9H18O3	178442-31-4	25
3	Benzeneacetic acid, 1,1-dimethyl...	192	C12H16O2	016537-09-0	25
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	22
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	22





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

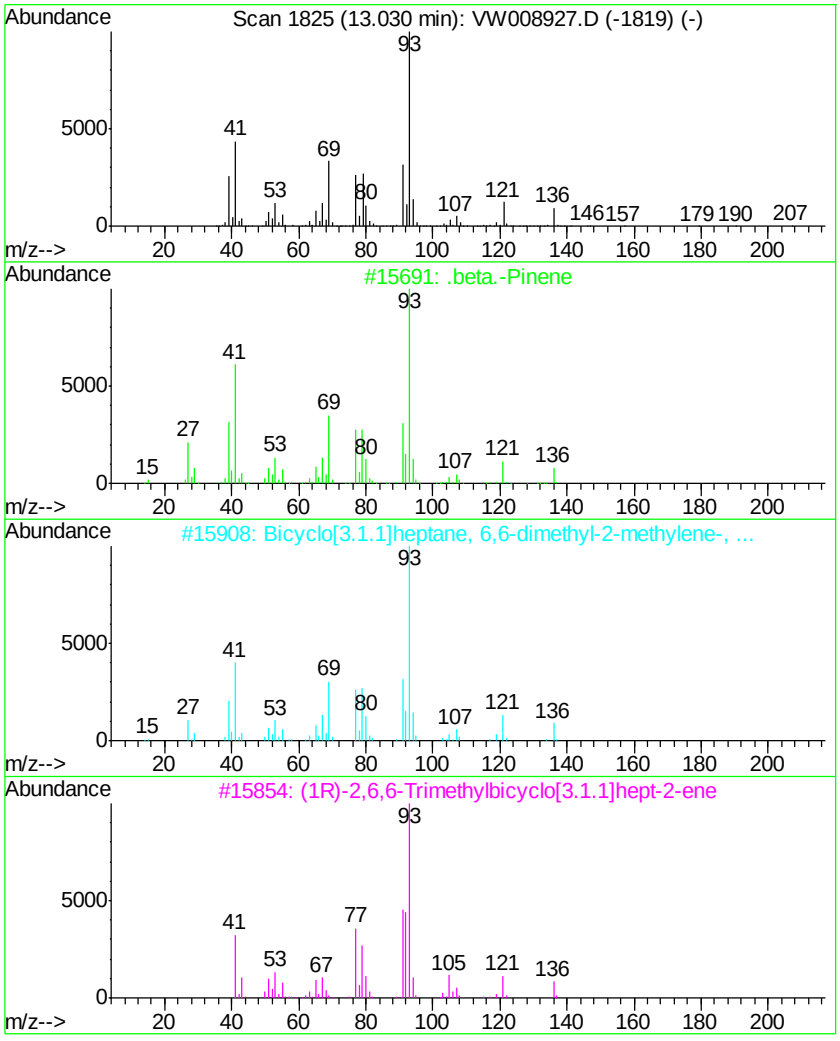
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

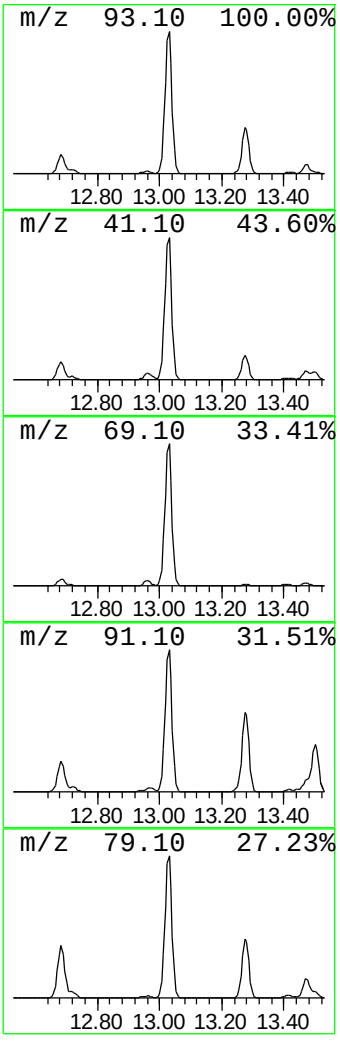
****

Peak Number 7 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	323.73 ug/L	12864300	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	.beta.-Pinene	136	C10H16	000127-91-3	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

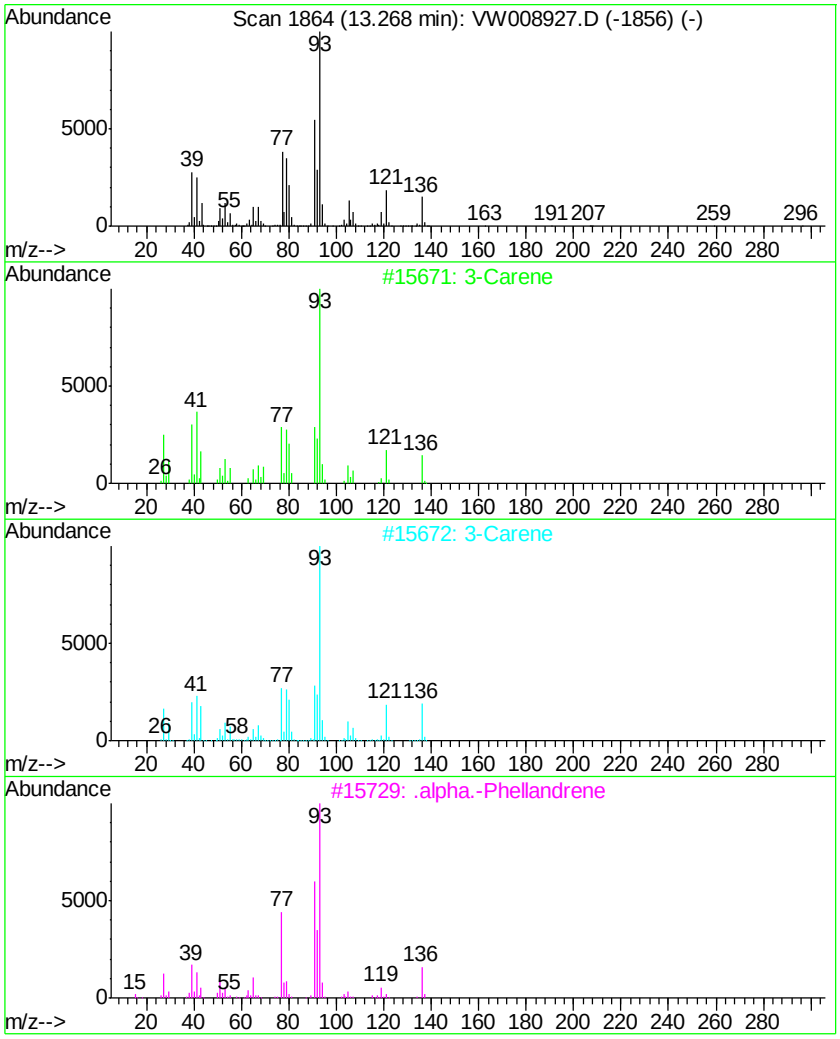
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

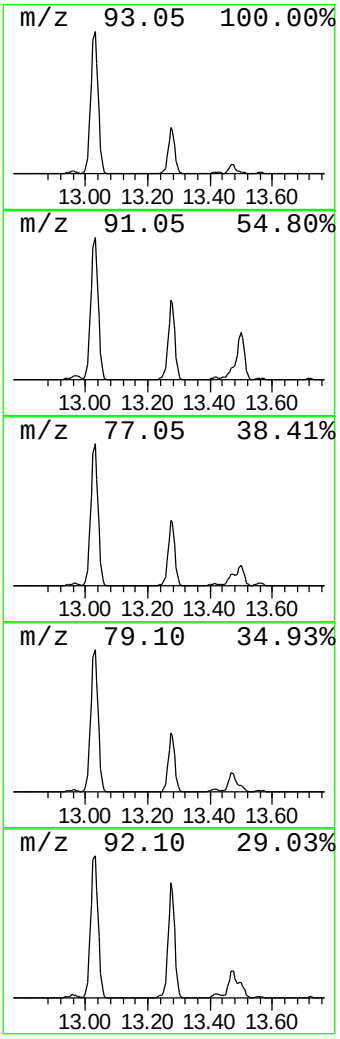
****

Peak Number 8 3-Carene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	114.45 ug/L	4548180	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	96
2	3-Carene	136	C10H16	013466-78-9	95
3	.alpha.-Phellandrene	136	C10H16	000099-83-2	93
4	.gamma.-Terpinene	136	C10H16	000099-85-4	93
5	3-Carene	136	C10H16	013466-78-9	91





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Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

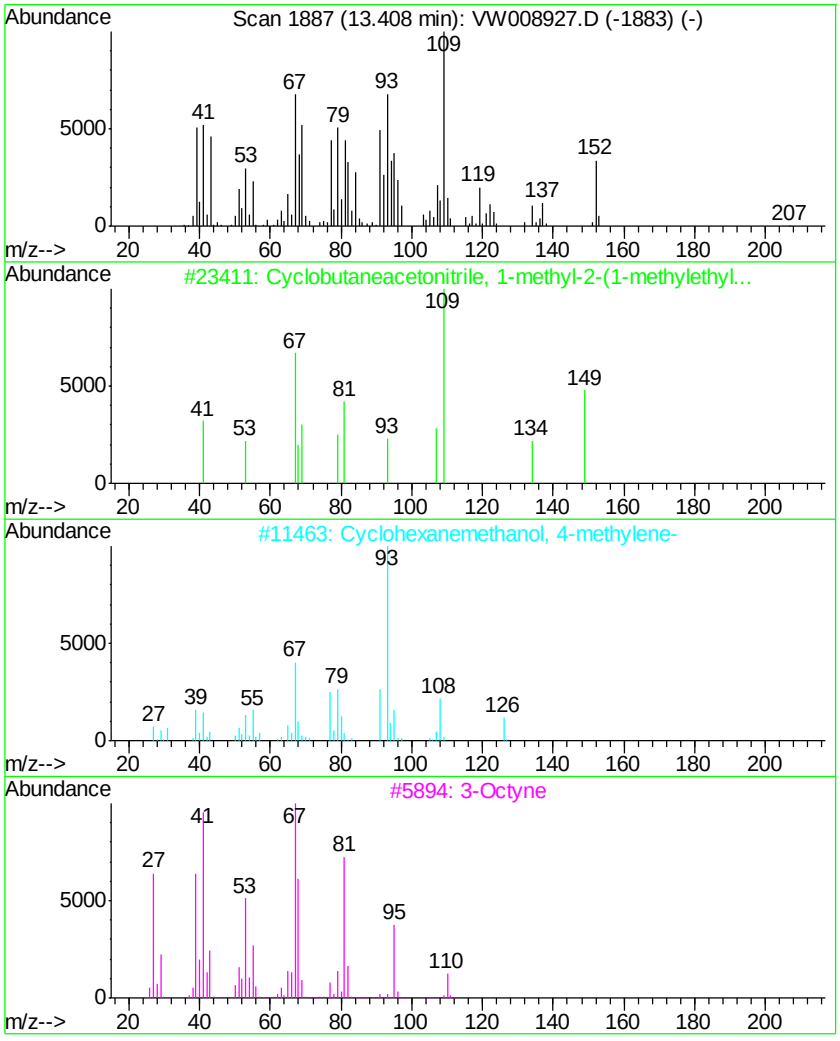
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

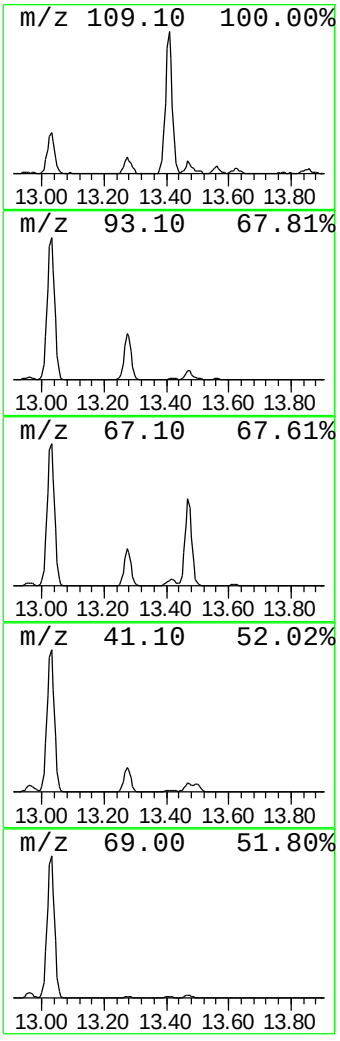
****

Peak Number 9 Cyclobutaneacetonitrile, 1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	7.28 ug/L	289203	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutaneacetonitrile, 1-methy...	149	C10H15N	055760-14-0	50
2	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	47
3	3-Octyne	110	C8H14	015232-76-5	46
4	1-(1-Butynyl)cyclopentanol	138	C9H14O	1000342-86-5	43
5	1,4-Pentadiene	68	C5H8	000591-93-5	42





Library Search Compound Report

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Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

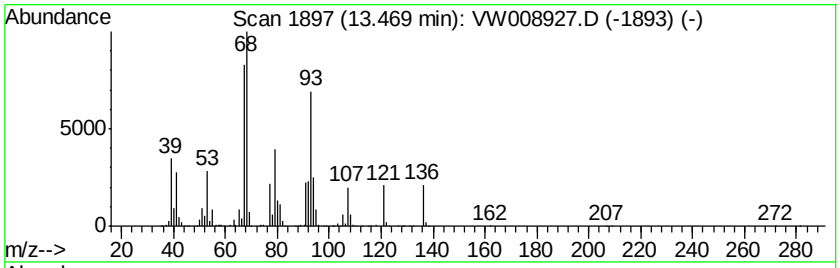
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

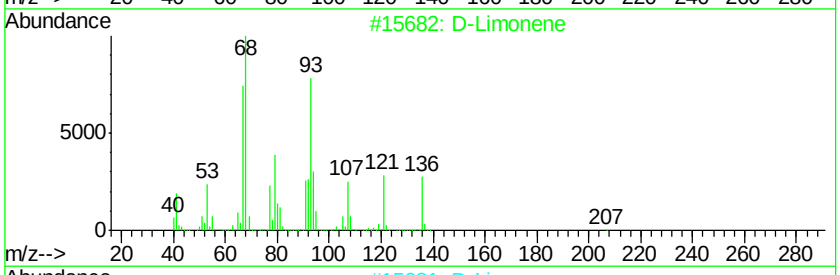
****

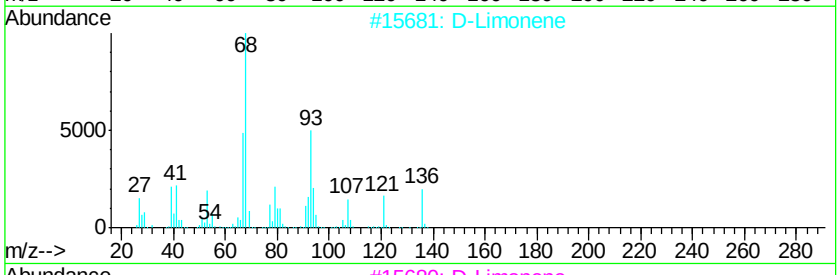
Peak Number 10 D-Limonene Concentration Rank 4

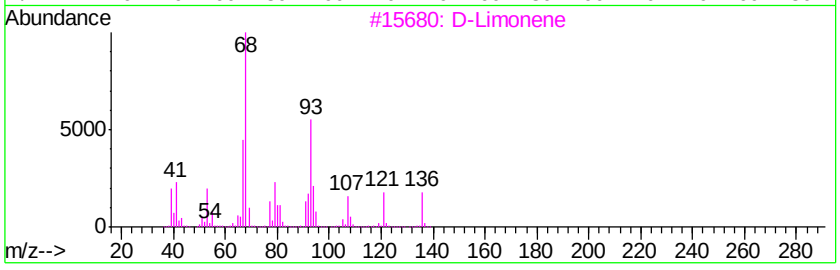
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	35.54 ug/L	1412430	1,4-Dichlorobenzene-d4	13.56

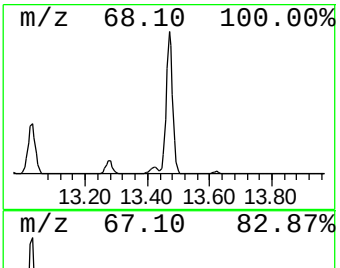
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	D-Limonene	136	C10H16	005989-27-5	96
3	D-Limonene	136	C10H16	005989-27-5	95
4	D-Limonene	136	C10H16	005989-27-5	94
5	Limonene	136	C10H16	000138-86-3	91

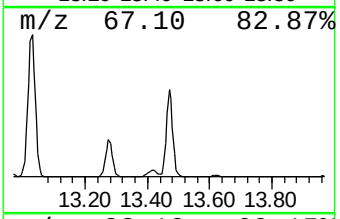


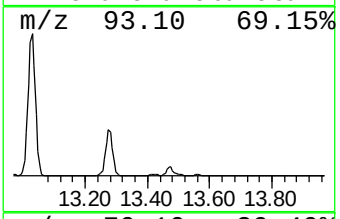


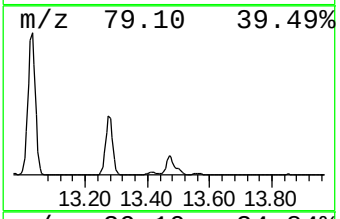


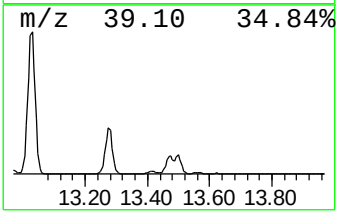












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

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

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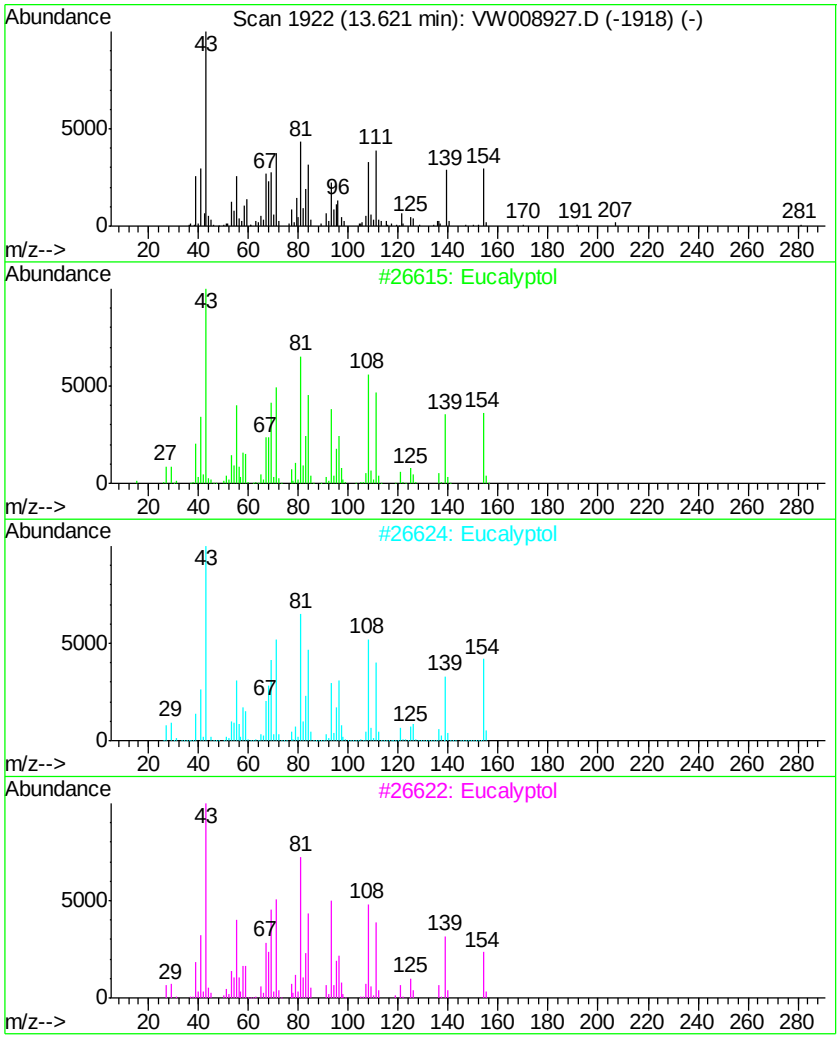
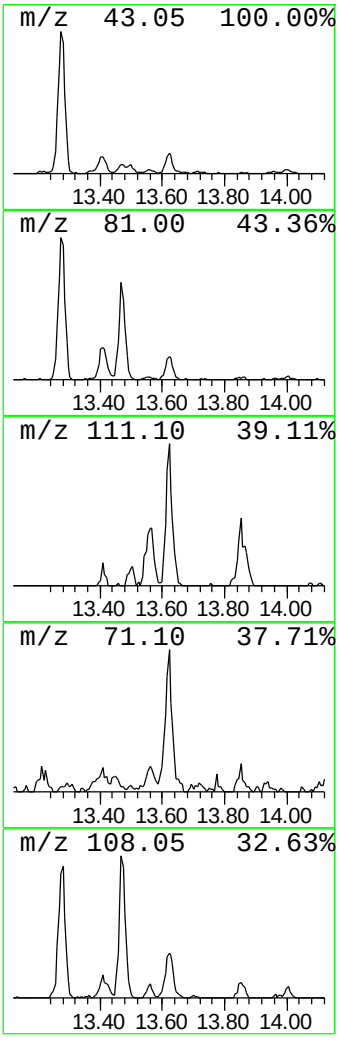
Peak Number 11 Eucalyptol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.05 ug/L	121086	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	91
2	Eucalyptol	154	C10H18O	000470-82-6	91
3	Eucalyptol	154	C10H18O	000470-82-6	81
4	Eucalyptol	154	C10H18O	000470-82-6	81
5	Eucalyptol	154	C10H18O	000470-82-6	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

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

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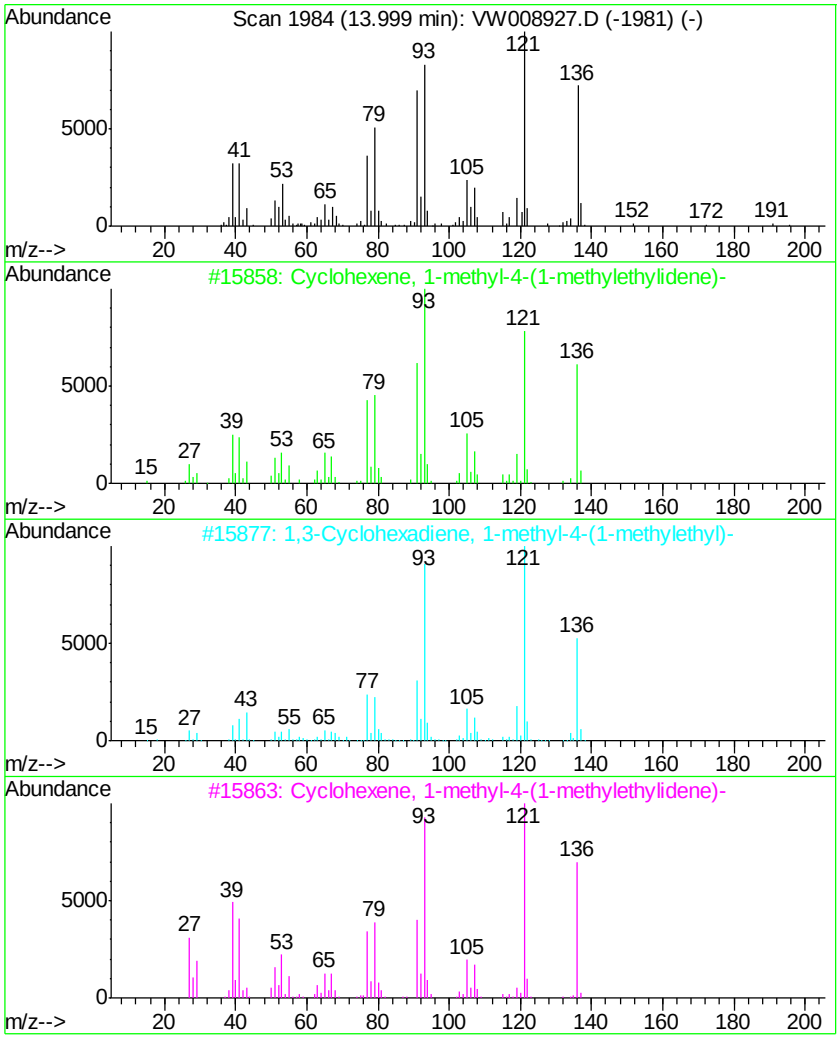
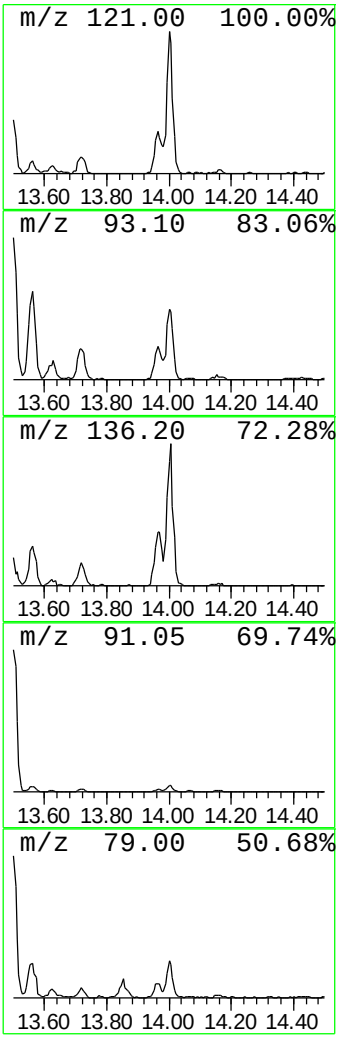
Peak Number 13 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	3.65 ug/L	145027	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	98
2	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	93
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	91
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	87
5	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	87





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Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

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

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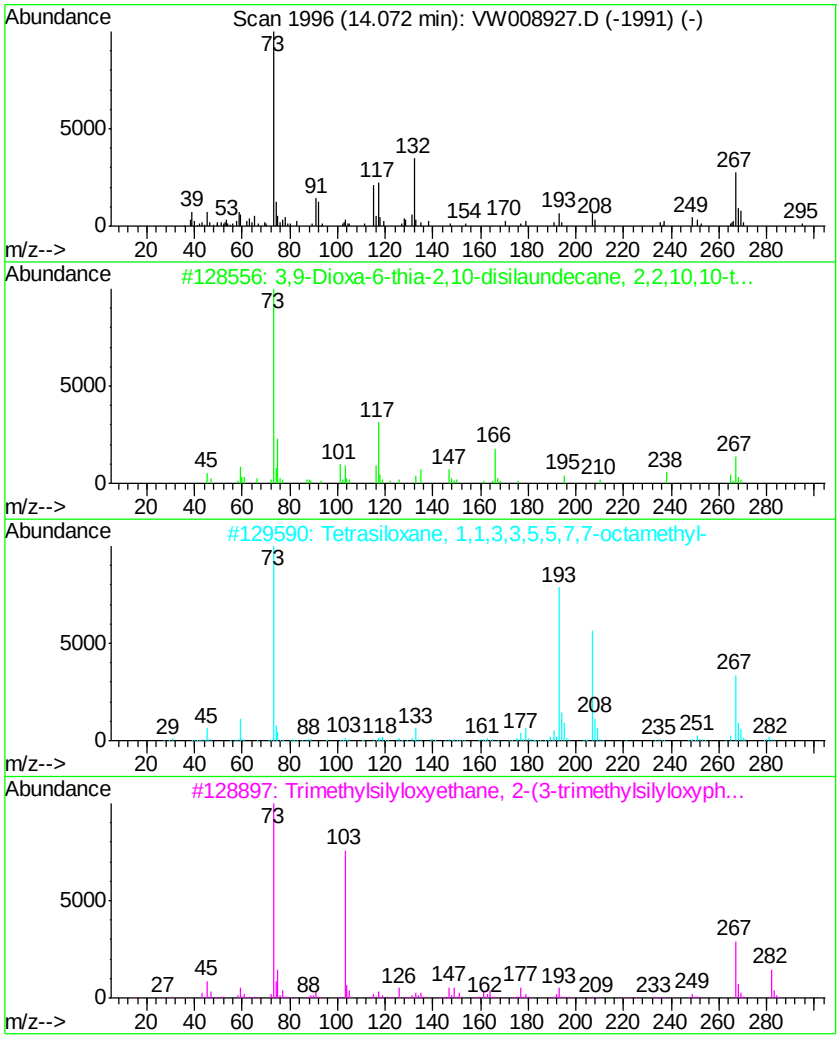
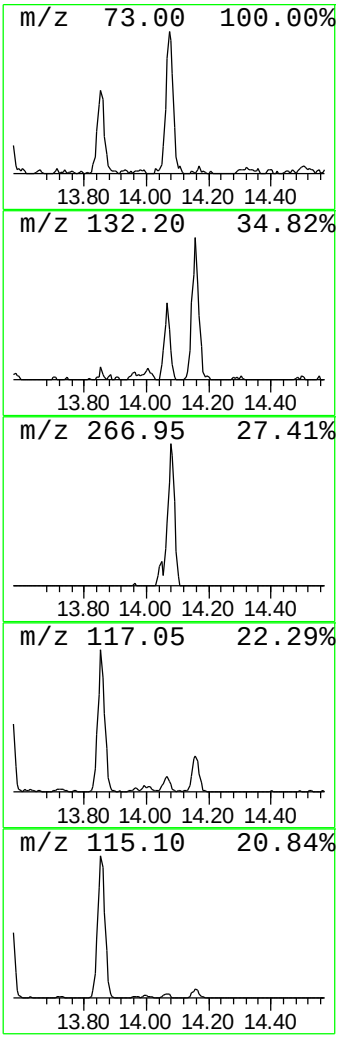
Peak Number 14 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.31 ug/L	51880	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dioxa-6-thia-2,10-disilaunde...	282	C10H26O3SSi2	097916-03-5	32
2	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	25
3	Trimethylsilyloxyethane, 2-(3-tr...	282	C14H26O2Si2	1000365-49-0	17
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	16
5	Ethanol, 1-(methylenecyclopropyl...	222	C13H22OSi	1000158-10-0	12





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Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

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

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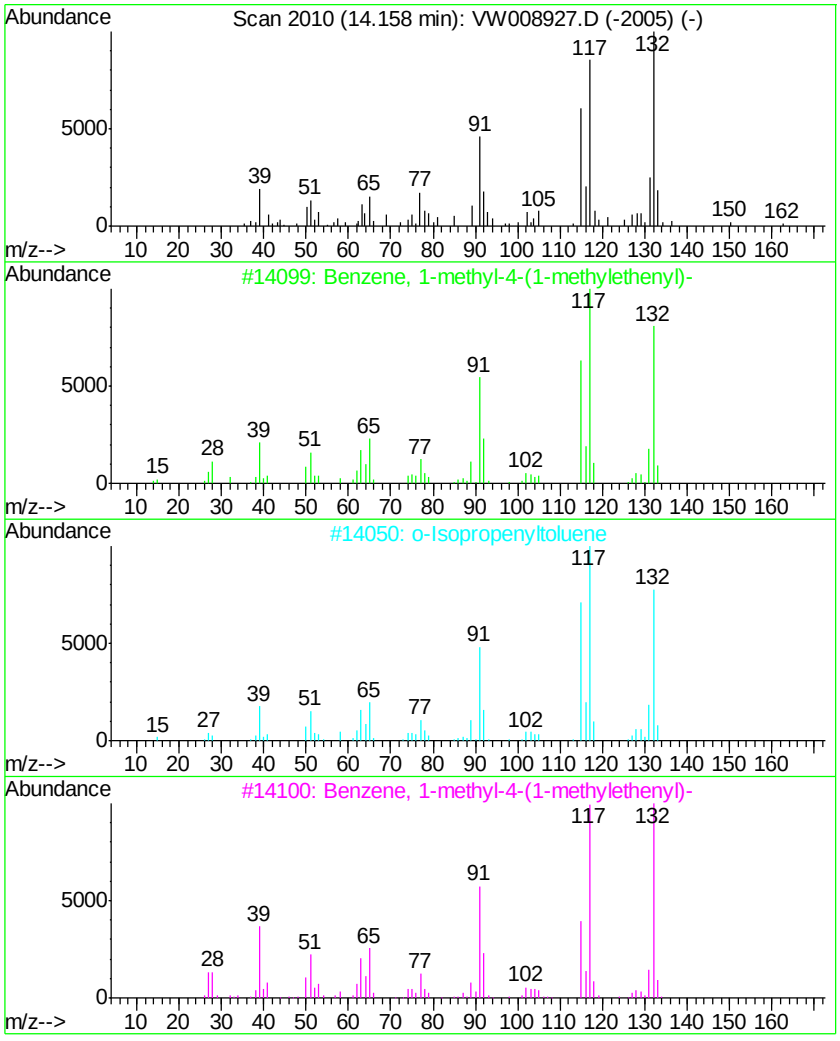
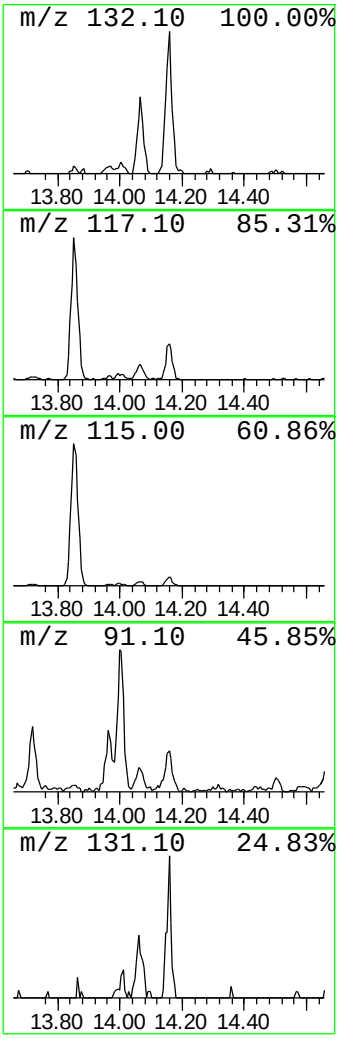
Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	1.30 ug/L	51476	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	91
2	o-Isopropenyltoluene	132	C10H12	007399-49-7	90
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	81
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





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Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

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

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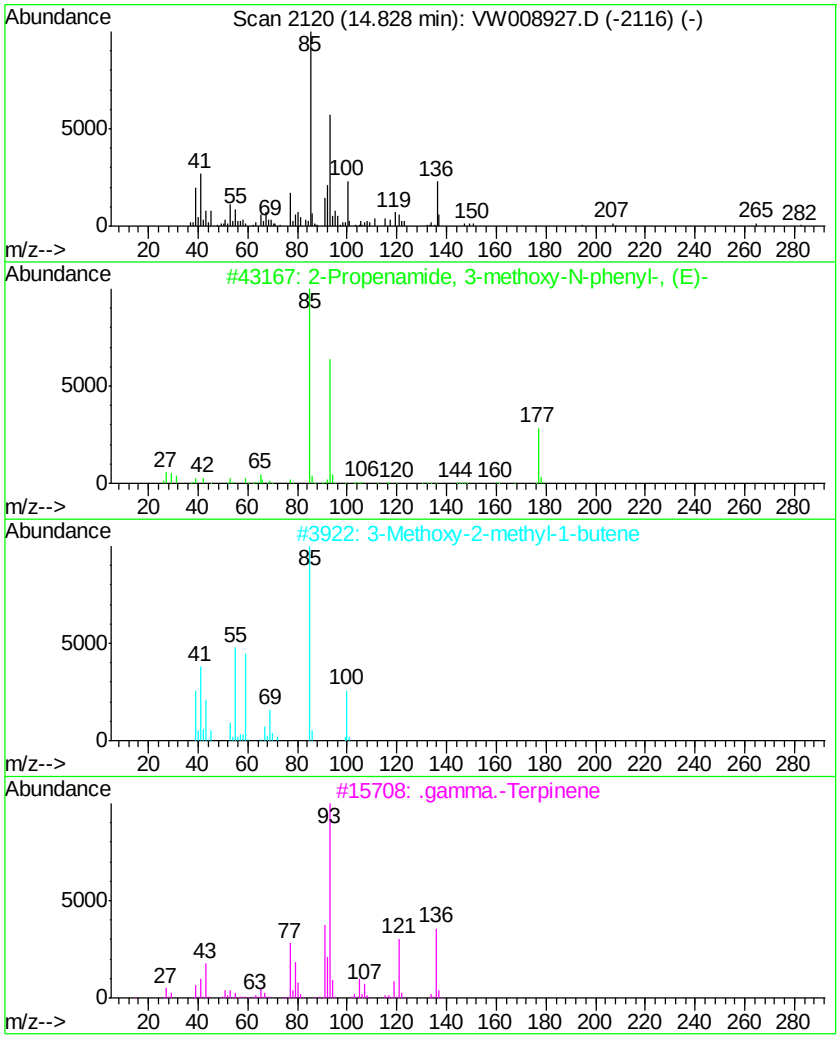
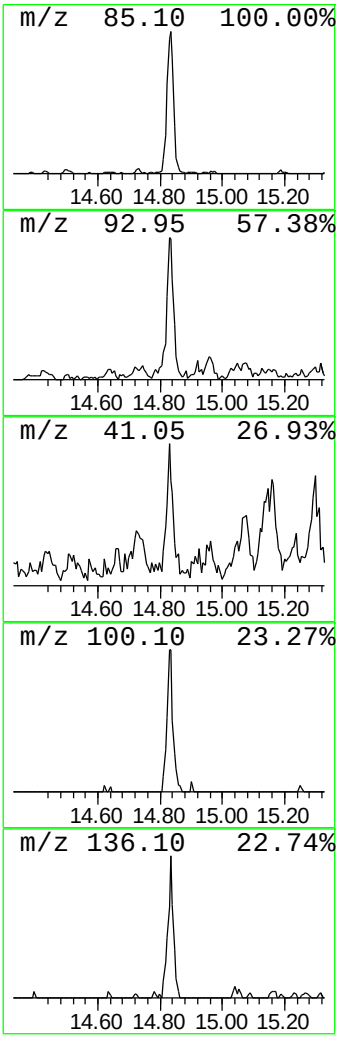
Peak Number 16 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	1.78 ug/L	70689	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide, 3-methoxy-N-phenyl-...	177	C10H11NO2	127977-42-8	47
2	3-Methoxy-2-methyl-1-butene	100	C6H12O	1000279-60-1	38
3	.gamma.-Terpinene	136	C10H16	000099-85-4	30
4	3-Carene	136	C10H16	013466-78-9	27
5	2-Pyridylacetamide	136	C7H8N2O	003724-16-1	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.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
Bicyclo[3.1.0]hex...	12.34	1.5	ug/L	63043	2	11.63	1037090	25.0
(1R)-2,6,6-Trimet...	12.47	220.9	ug/L	9163030	2	11.63	1037090	25.0
(DEL) Alkane: Str...	12.97	14.6	ug/L	581220	3	13.56	993449	25.0
.beta.-Pinene	13.03	323.7	ug/L	12864300	3	13.56	993449	25.0
3-Carene	13.27	114.5	ug/L	4548180	3	13.56	993449	25.0
Cyclobutaneaceton...	13.41	7.3	ug/L	289203	3	13.56	993449	25.0
D-Limonene	13.47	35.5	ug/L	1412430	3	13.56	993449	25.0
Eucalyptol	13.62	3.0	ug/L	121086	3	13.56	993449	25.0
Cyclohexene, 1-me...	14.00	3.6	ug/L	145027	3	13.56	993449	25.0
unknown-01	14.07	1.3	ug/L	51880	3	13.56	993449	25.0
Benzene, 1-methyl...	14.16	1.3	ug/L	51476	3	13.56	993449	25.0
unknown-02	14.83	1.8	ug/L	70689	3	13.56	993449	25.0