LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

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\SOM2WLM120718S.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	2.361	69	75	89	rVB	20389	44981	9.52%	1.233%
2	2.495	93	97	107	rVV	3819	8893	1.88%	0.244%
3	2.891	156	162	179	rVB	14896	40213	8.51%	1.103%
4	3.263	220	223	226	rBV3	244	313	0.07%	0.009%
5	3.385	235	243	253	rBV3	4617	11011	2.33%	0.302%
6	3.526	256	266	281	rBV	65696	187319	39.63%	5.137%
7	4.007	335	345	356	rBV	57556	166272	35.17%	4.559%
8	4.117	357	363	374	rVB	18093	49587	10.49%	1.360%
9	4.391	401	408	418	rVB4	1478	3829	0.81%	0.105%
10	4.531	428	431	433	rVV	143	168	0.04%	0.005%
11	4.672	447	454	461	rVB2	1129	2896	0.61%	0.079%
12	4.763	465	469	472	rBV	150	259	0.05%	0.007%
13	4.909	484	493	508	rVB4	3828	11976	2.53%	0.328%
14	5.062	514	518	521	rBV	155	238	0.05%	0.007%
15	5.306	554	558	561	rVB2	150	187	0.04%	0.005%
16	5.458	580	583	587	rBV	148	255	0.05%	0.007%
17	5.775	633	635	637	rBV3	198	177	0.04%	0.005%
18	5.848	644	647	649	rBV	177	217	0.05%	0.006%
19	5.928	654	660	669	rBV5	1229	3287	0.70%	0.090%
20	6.129	688	693	696	rVV	123	197	0.04%	0.005%
21	6.190	700	703	707	rVB	151	164	0.03%	0.004%
22	6.397	734	737	738	rVV	221	166	0.04%	0.005%
23	6.434	742	743	747	rBV	159	181	0.04%	0.005%
24	6.604	767	771	773	rVV	194	202	0.04%	0.006%
25	6.629	773	775	779	rVV	133	175	0.04%	0.005%
26	6.677	779	783	786	rVV2	151	201	0.04%	0.006%
27	7.080	840	849	855	rBV	11862	33265	7.04%	0.912%
28	7.318	886	888	890	rVB	215	165	0.03%	0.005%
29	7.409	900	903	906	rBV2	197	210	0.04%	0.006%
30	7.500	911	918	927	rVB4	1874	5319	1.13%	0.146%
31	7.647	931	942	954	rBV	83743	202701	42.88%	5.558%
32	8.275	1035	1045	1061	rBV2	155805	472703	100.00%	12.962%
33	8.488	1078	1080	1084	rVV	169	187	0.04%	0.005%
34	8.549	1088	1090	1092	rVV2	210	205	0.04%	0.006%

LSC Area Percent Report

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Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

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\SOM2WLM120718S.M
Title : VOC Analysis

35	8.842	1130	1138	1153	rBV	153903	302946	64.09%	8.307%
36	9.043	1165	1171	1175	rBV5	1069	2391	0.51%	0.066%
37	9.128	1180	1185	1190	rBV2	149	343	0.07%	0.009%
38	9.274	1200	1209	1217	rBV	104941	213983	45.27%	5.868%
39	9.427	1228	1234	1243	rBV	15014	28158	5.96%	0.772%
40	9.720	1276	1282	1284	rBV	278	489	0.10%	0.013%
41	9.896	1306	1311	1315	rVB3	1324	2232	0.47%	0.061%
42	10.037	1322	1334	1342	rBV	59796	106729	22.58%	2.927%
43	10.116	1346	1347	1352	rVB2	337	263	0.06%	0.007%
44	10.195	1353	1360	1361	rBV2	539	802	0.17%	0.022%
45	10.323	1374	1381	1389	rBV	228712	400299	84.68%	10.977%
46	10.579	1416	1423	1436	rVB	39593	67713	14.32%	1.857%
47	10.707	1439	1444	1449	rBV3	4629	8759	1.85%	0.240%
48	10.927	1474	1480	1491	rBV	45645	82438	17.44%	2.261%
49	11.067	1498	1503	1514	rBV	12397	21441	4.54%	0.588%
50	11.634	1590	1596	1610	rVB	198413	327336	69.25%	8.976%
51	11.939	1641	1646	1651	rBV5	1404	2712	0.57%	0.074%
52	12.012	1653	1658	1667	rVB3	9096	17110	3.62%	0.469%
53	12.164	1681	1683	1687	rBV2	359	480	0.10%	0.013%
54	12.402	1721	1722	1724	rBV	239	189	0.04%	0.005%
55	12.475	1730	1734	1741	rVV4	1048	1810	0.38%	0.050%
56	12.615	1750	1757	1764	rVV	8446	13532	2.86%	0.371%
57	12.695	1764	1770	1779	rVB	78529	129180	27.33%	3.542%
58	12.841	1792	1794	1797	rBV	169	213	0.05%	0.006%
59	12.938	1805	1810	1815	rVB2	3001	4075	0.86%	0.112%
60	13.048	1824	1828	1832	rBV	615	925	0.20%	0.025%
61	13.121	1837	1840	1842	rBV2	233	258	0.05%	0.007%
62	13.158	1842	1846	1850	rBV3	1373	1802	0.38%	0.049%
63	13.219	1850	1856	1863	rBV	36594	55291	11.70%	1.516%
64	13.292	1863	1868	1877	rVB4	6618	12376	2.62%	0.339%
65	13.359	1877	1879	1881	rBV	199	164	0.03%	0.004%
66	13.414	1885	1888	1891	rVB2	742	1060	0.22%	0.029%
67	13.481	1894	1899	1902	rBV4	1542	2675	0.57%	0.073%
68	13.560	1905	1912	1921	rBV	184815	293093	62.00%	8.037%
69	13.761	1943	1945	1950	rVB2	503	794	0.17%	0.022%
70	13.810	1950	1953	1954	rBV2	230	229	0.05%	0.006%
71	13.859	1954	1961	1968	rBV	168649	277830	58.77%	7.619%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
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Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

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\SOM2WLM120718S.M
Title : VOC Analysis

72	13.963	1974	1978	1980	rBB	365	423	0.09%	0.012%
73	14.018	1985	1987	1988	rVV	189	181	0.04%	0.005%
74	14.030	1988	1989	1990	rVV	313	164	0.03%	0.004%
75	14.079	1992	1997	2003	rVB	3660	6156	1.30%	0.169%
76	14.341	2029	2040	2045	rBV3	717	1571	0.33%	0.043%
77	14.432	2053	2055	2058	rBV	173	255	0.05%	0.007%
78	14.536	2070	2072	2074	rVB	286	240	0.05%	0.007%
79	14.566	2074	2077	2081	rBV	199	339	0.07%	0.009%
80	14.633	2083	2088	2090	rVV	172	286	0.06%	0.008%
81	14.682	2094	2096	2097	rVV	194	158	0.03%	0.004%
82	14.731	2102	2104	2105	rVV	304	260	0.06%	0.007%
83	14.792	2113	2114	2117	rVB	254	253	0.05%	0.007%
84	14.834	2118	2121	2123	rBV	189	223	0.05%	0.006%
85	14.883	2128	2129	2131	rBV	217	182	0.04%	0.005%
86	15.304	2197	2198	2202	rVB2	159	186	0.04%	0.005%
87	15.365	2206	2208	2209	rBV	311	245	0.05%	0.007%
88	15.450	2216	2222	2226	rBV2	1730	2513	0.53%	0.069%
89	15.481	2226	2227	2229	rBV	164	173	0.04%	0.005%
90	15.627	2249	2251	2253	rBV2	245	219	0.05%	0.006%
91	15.798	2277	2279	2282	rVB2	206	229	0.05%	0.006%
92	15.956	2300	2305	2307	rBV2	217	425	0.09%	0.012%
93	16.170	2337	2340	2343	rVB2	237	360	0.08%	0.010%
94	16.194	2343	2344	2346	rBV2	195	162	0.03%	0.004%
95	16.218	2346	2348	2351	rVB2	211	230	0.05%	0.006%
96	16.279	2354	2358	2359	rVB2	179	163	0.03%	0.004%
97	16.304	2359	2362	2365	rBV	167	186	0.04%	0.005%
98	16.450	2384	2386	2390	rVB2	227	271	0.06%	0.007%
99	16.541	2398	2401	2402	rBV	162	214	0.05%	0.006%
100	16.767	2435	2438	2439	rBV	261	251	0.05%	0.007%

Sum of corrected areas: 3646757

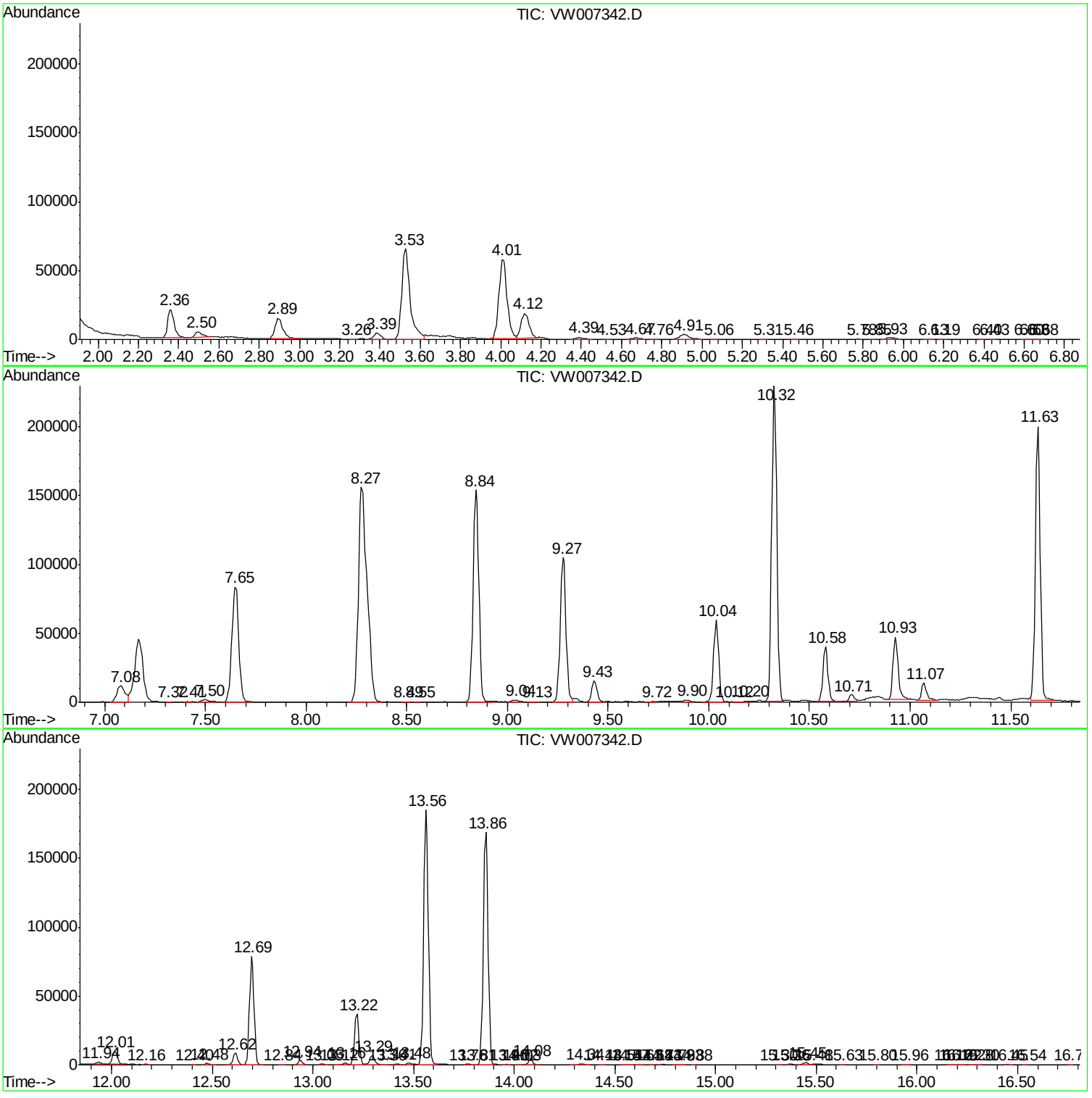
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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\VW120718\
Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

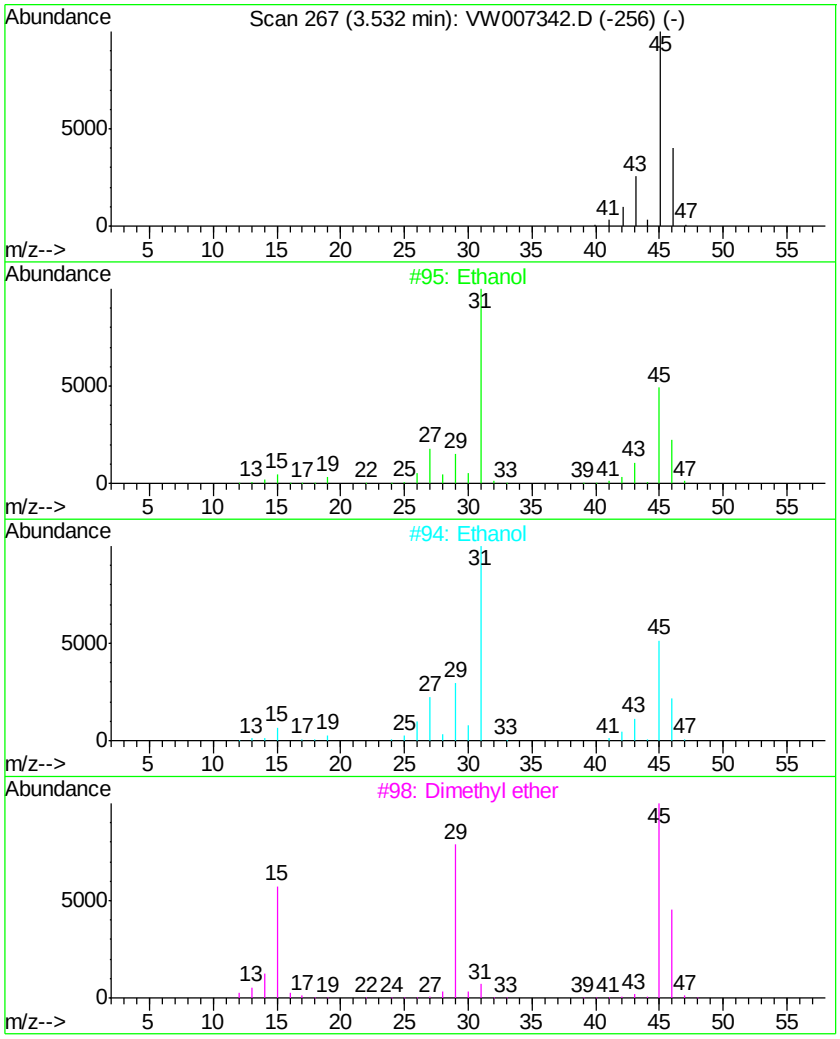
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

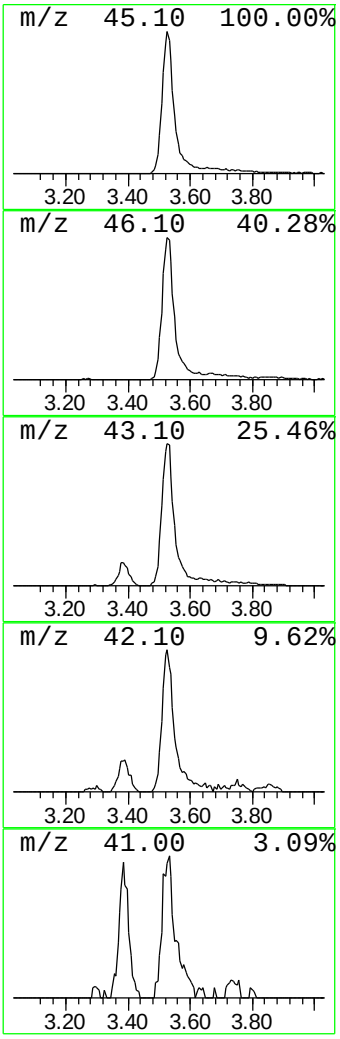
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	15.46 ug/L	187319	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	9
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	9
5	Methane, nitroso-	45	CH3NO	000865-40-7	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

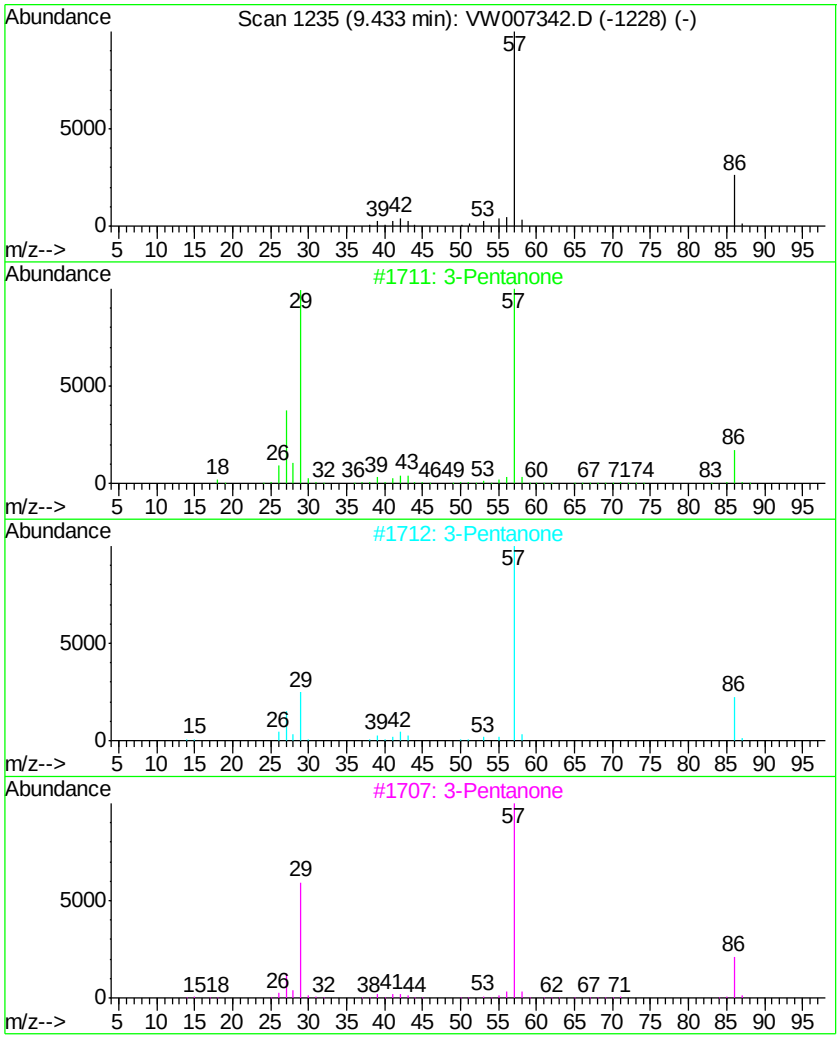
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

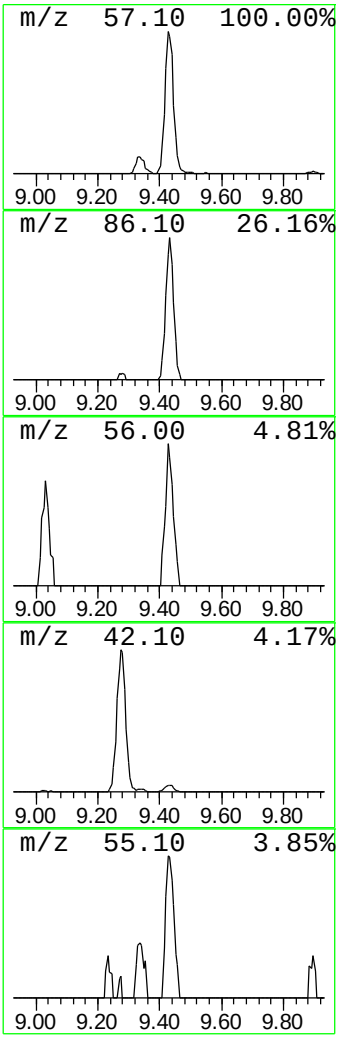
****

Peak Number 2 3-Pentanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.32 ug/L	28158	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	86
2	3-Pentanone	86	C5H10O	000096-22-0	80
3	3-Pentanone	86	C5H10O	000096-22-0	64
4	3-Pentanone	86	C5H10O	000096-22-0	42
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

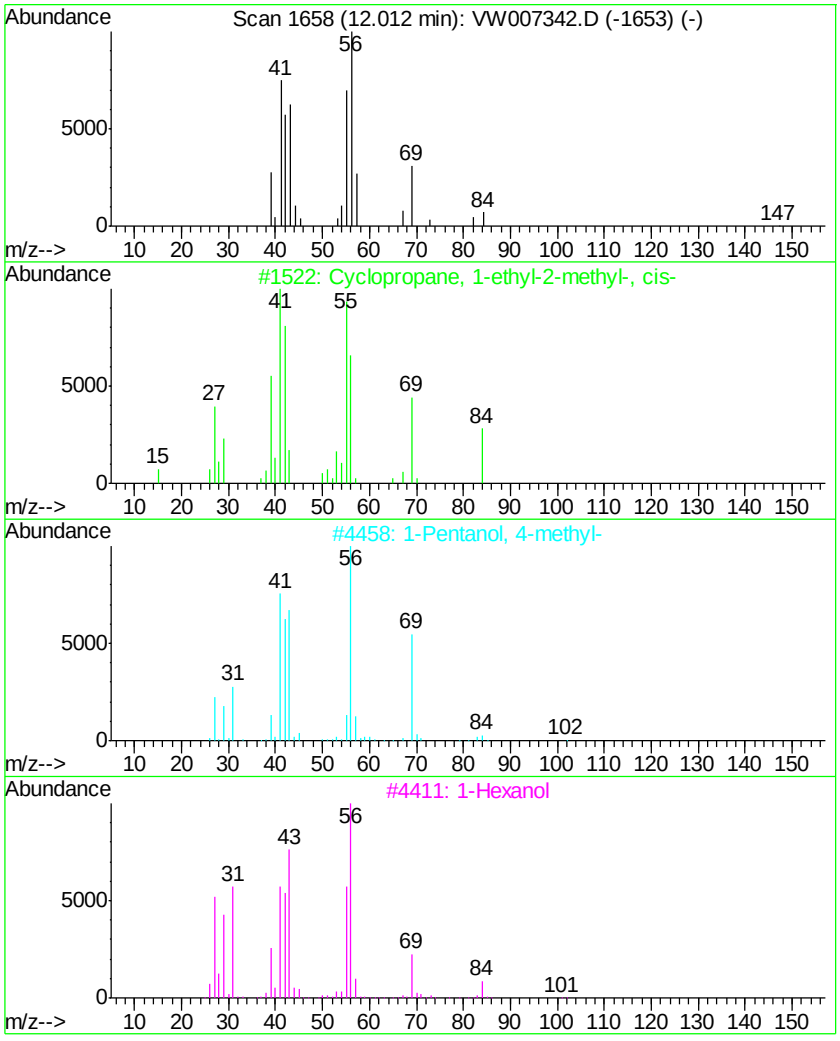
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

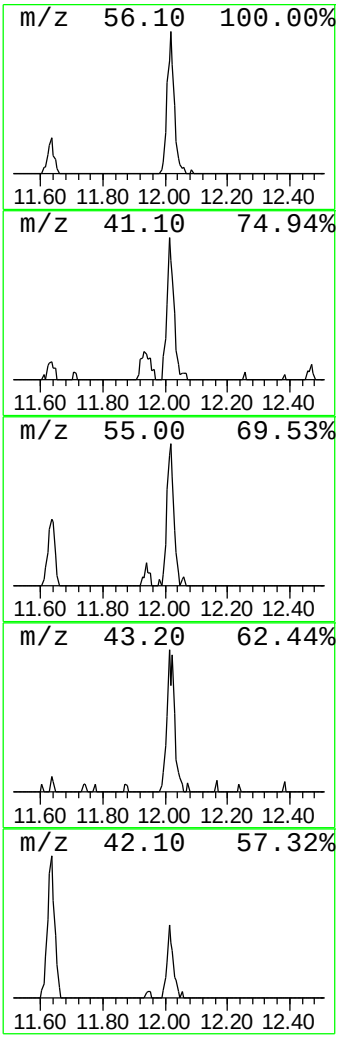
****

Peak Number 5 Cyclopropane, 1-ethyl-2-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	1.31 ug/L	17110	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	58
2	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	45
3	1-Hexanol	102	C6H14O	000111-27-3	43
4	1-Hexanol	102	C6H14O	000111-27-3	42
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

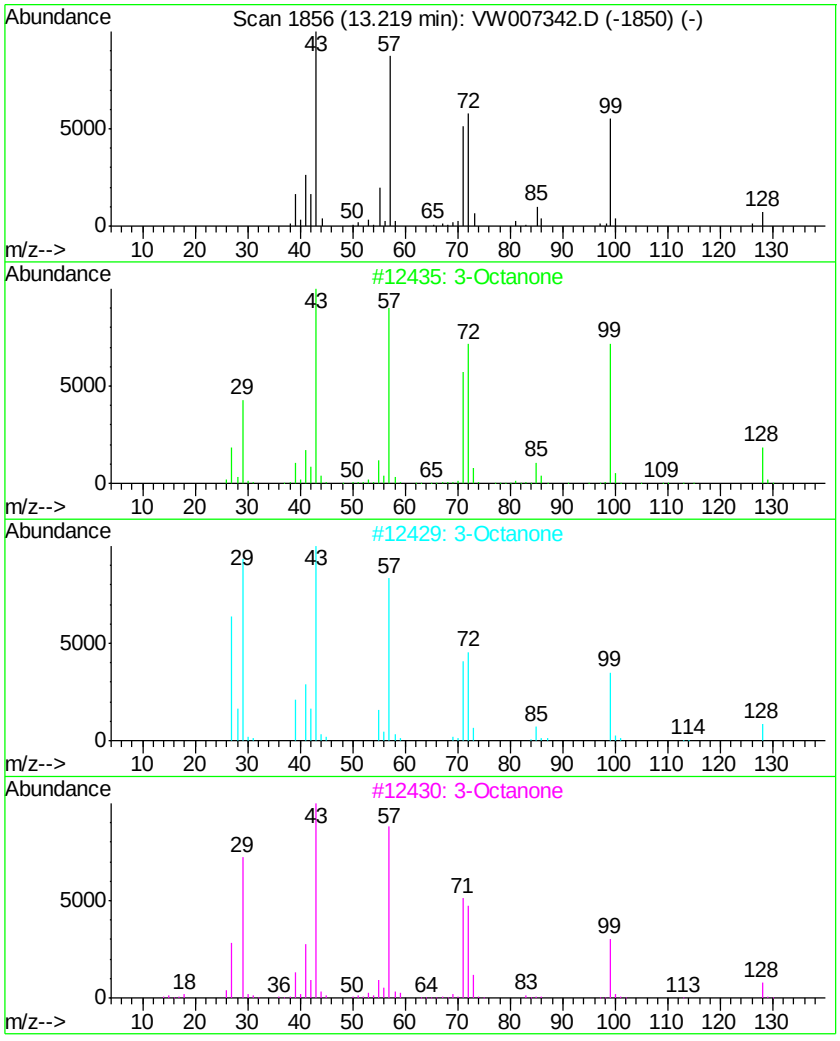
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

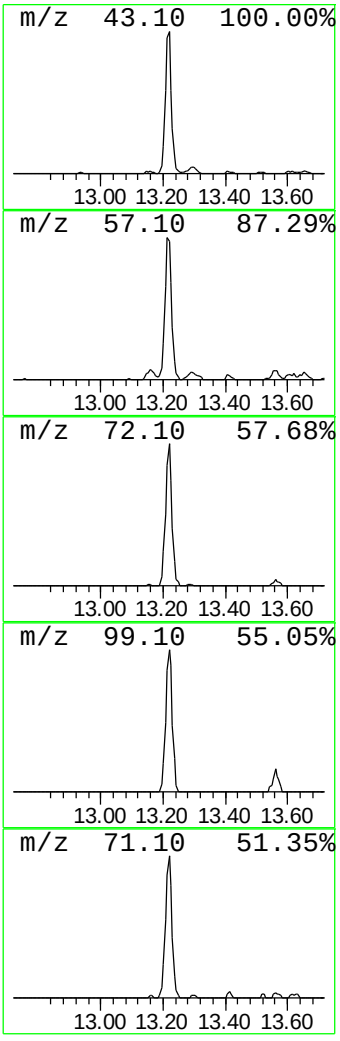
****

Peak Number 6 3-Octanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.72 ug/L	55291	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	91
2	3-Octanone	128	C8H16O	000106-68-3	83
3	3-Octanone	128	C8H16O	000106-68-3	64
4	3-Octanone	128	C8H16O	000106-68-3	52
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007342.D
Acq On : 08 Dec 2018 08:11
Operator : SY/AP
Sample : J6270-11
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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
Ethanol	3.53	15.5	ug/L	187319	1	8.84	302946	25.0
3-Pentanone	9.43	2.3	ug/L	28158	1	8.84	302946	25.0
Cyclopropane, 1-e...	12.01	1.3	ug/L	17110	2	11.63	327336	25.0
3-Octanone	13.22	4.7	ug/L	55291	3	13.56	293093	25.0