LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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	1.800	17	35	57	rBV	4143995	9691054	100.00%	54.200%
2	2.178	90	97	101	rBV3	9030	19098	0.20%	0.107%
3	2.343	118	124	135	rBV	60667	143141	1.48%	0.801%
4	2.489	142	148	164	rBV	46555	148251	1.53%	0.829%
5	2.885	206	213	227	rVB	42971	126888	1.31%	0.710%
6	3.013	230	234	246	rVB2	15313	38013	0.39%	0.213%
7	3.367	287	292	305	rVB2	18744	48156	0.50%	0.269%
8	4.001	383	396	408	rBV2	74849	280799	2.90%	1.570%
9	4.123	409	416	424	rVB	39404	102984	1.06%	0.576%
10	4.367	450	456	469	rVB3	4227	16657	0.17%	0.093%
11	4.665	497	505	515	rBV	17120	48100	0.50%	0.269%
12	4.934	538	549	551	rBV8	2624	8117	0.08%	0.045%
13	5.397	618	625	626	rBV5	1302	2145	0.02%	0.012%
14	5.781	677	688	699	rBV3	14512	47216	0.49%	0.264%
15	5.927	702	712	720	rVB6	4268	12742	0.13%	0.071%
16	6.104	736	741	748	rVV6	1992	4810	0.05%	0.027%
17	6.586	815	820	821	rBV3	1564	1902	0.02%	0.011%
18	6.897	861	871	882	rBV5	11622	35601	0.37%	0.199%
19	6.976	882	884	888	rBV5	985	1566	0.02%	0.009%
20	7.086	893	902	911	rVV	45941	133577	1.38%	0.747%
21	7.177	912	917	930	rVV3	16667	48900	0.50%	0.273%
22	7.647	984	994	1006	rVB	155726	372058	3.84%	2.081%
23	7.793	1010	1018	1021	rBV3	2190	4937	0.05%	0.028%
24	7.952	1033	1044	1051	rVV7	5855	17466	0.18%	0.098%
25	8.147	1073	1076	1085	rVB6	2049	4106	0.04%	0.023%
26	8.275	1088	1097	1115	rVV2	260852	854410	8.82%	4.779%
27	8.409	1116	1119	1123	rVV5	1900	3294	0.03%	0.018%
28	8.506	1131	1135	1136	rBV3	1075	1187	0.01%	0.007%
29	8.561	1136	1144	1152	rVB	30228	66312	0.68%	0.371%
30	8.714	1160	1169	1180	rBV5	18830	50337	0.52%	0.282%
31	8.848	1182	1191	1200	rBV	285730	562775	5.81%	3.147%
32	9.049	1218	1224	1230	rBV5	3071	6920	0.07%	0.039%
33	9.098	1230	1232	1235	rVB3	1220	1135	0.01%	0.006%
34	9.152	1237	1241	1246	rVB6	1162	2047	0.02%	0.011%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Title : VOC Analysis

35	9.281	1253	1262	1269	rBV	206315	424544	4.38%	2.374%
36	9.415	1278	1284	1296	rVB	70457	130557	1.35%	0.730%
37	9.665	1322	1325	1331	rVB6	1258	2076	0.02%	0.012%
38	9.854	1350	1356	1359	rBV4	1116	1772	0.02%	0.010%
39	9.957	1368	1373	1377	rBV4	893	1867	0.02%	0.010%
40	10.043	1380	1387	1395	rVV2	79249	147470	1.52%	0.825%
41	10.329	1422	1434	1440	rBV	351608	628867	6.49%	3.517%
42	10.390	1440	1444	1457	rVB	75245	136525	1.41%	0.764%
43	10.506	1457	1463	1469	rVB4	6267	14294	0.15%	0.080%
44	10.585	1469	1476	1482	rBV	54136	95998	0.99%	0.537%
45	10.713	1492	1497	1501	rBV2	8730	14633	0.15%	0.082%
46	10.872	1519	1523	1525	rVB4	1791	2671	0.03%	0.015%
47	10.933	1525	1533	1547	rBV	182347	314963	3.25%	1.762%
48	11.079	1550	1557	1565	rBV	597006	939694	9.70%	5.255%
49	11.183	1572	1574	1578	rVB4	3012	3393	0.04%	0.019%
50	11.292	1590	1592	1597	rVB5	1531	2155	0.02%	0.012%
51	11.579	1635	1639	1642	rBV3	3003	4564	0.05%	0.026%
52	11.640	1642	1649	1657	rVB	322431	545744	5.63%	3.052%
53	11.737	1657	1665	1673	rBV	17614	31321	0.32%	0.175%
54	11.841	1673	1682	1691	rBV	120913	221165	2.28%	1.237%
55	11.951	1696	1700	1708	rVB6	5605	9450	0.10%	0.053%
56	12.024	1708	1712	1718	rVB6	1474	3052	0.03%	0.017%
57	12.176	1731	1737	1744	rVB	11241	20238	0.21%	0.113%
58	12.237	1744	1747	1753	rBV3	3420	6103	0.06%	0.034%
59	12.347	1758	1765	1771	rBV2	31917	52723	0.54%	0.295%
60	12.469	1782	1785	1789	rVV4	1781	2790	0.03%	0.016%
61	12.530	1791	1795	1799	rVV6	3297	5443	0.06%	0.030%
62	12.621	1799	1810	1815	rVV	25831	46044	0.48%	0.258%
63	12.701	1816	1823	1831	rVV	180887	297821	3.07%	1.666%
64	12.762	1831	1833	1836	rVV4	1259	1378	0.01%	0.008%
65	12.823	1838	1843	1847	rVB4	2806	4761	0.05%	0.027%
66	12.871	1847	1851	1855	rBV3	3605	6516	0.07%	0.036%
67	12.902	1855	1856	1857	rVV	3040	2073	0.02%	0.012%
68	12.951	1860	1864	1871	rVB4	6962	12192	0.13%	0.068%
69	13.060	1876	1882	1884	rBV3	3298	5811	0.06%	0.032%
70	13.109	1884	1890	1895	rVV4	8684	14901	0.15%	0.083%
71	13.164	1895	1899	1904	rVV7	3640	6676	0.07%	0.037%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Title : VOC Analysis

72	13.262	1907	1915	1925	rBV5	9909	23226	0.24%	0.130%
73	13.408	1932	1939	1946	rVV2	18913	31135	0.32%	0.174%
74	13.481	1949	1951	1954	rVV4	1821	2253	0.02%	0.013%
75	13.566	1958	1965	1975	rVV	174122	290154	2.99%	1.623%
76	13.658	1977	1980	1986	rVB2	4917	7824	0.08%	0.044%
77	13.768	1994	1998	2001	rBV4	2634	3854	0.04%	0.022%
78	13.798	2001	2003	2006	rVV4	1120	1317	0.01%	0.007%
79	13.865	2006	2014	2022	rVB	178615	300601	3.10%	1.681%
80	14.036	2036	2042	2044	rBV6	2757	4829	0.05%	0.027%
81	14.085	2045	2050	2059	rVB2	24309	43341	0.45%	0.242%
82	14.164	2059	2063	2069	rBV5	1267	2827	0.03%	0.016%
83	14.213	2069	2071	2072	rBV2	1985	1510	0.02%	0.008%
84	14.341	2086	2092	2098	rBV3	17921	29089	0.30%	0.163%
85	14.475	2111	2114	2118	rVB5	1970	2740	0.03%	0.015%
86	14.536	2118	2124	2131	rVB5	6773	12945	0.13%	0.072%
87	14.633	2137	2140	2141	rBV3	1305	1359	0.01%	0.008%
88	14.706	2147	2152	2155	rBV6	1125	2660	0.03%	0.015%
89	14.792	2162	2166	2167	rBV3	1538	1665	0.02%	0.009%
90	14.969	2186	2195	2200	rBV9	3647	7939	0.08%	0.044%
91	15.078	2209	2213	2215	rBV3	1126	1518	0.02%	0.008%
92	15.194	2229	2232	2236	rVB4	2940	3794	0.04%	0.021%
93	15.261	2241	2243	2246	rBV4	1418	1590	0.02%	0.009%
94	15.383	2258	2263	2269	rBV3	5171	8850	0.09%	0.049%
95	15.517	2280	2285	2290	rVB2	5719	10573	0.11%	0.059%
96	15.621	2301	2302	2309	rVB5	964	1714	0.02%	0.010%
97	15.779	2325	2328	2330	rBV4	1058	1294	0.01%	0.007%
98	15.871	2339	2343	2350	rVB8	3377	6158	0.06%	0.034%
99	15.981	2355	2361	2367	rVB7	1425	3276	0.03%	0.018%
100	16.121	2379	2384	2385	rBV4	937	1267	0.01%	0.007%

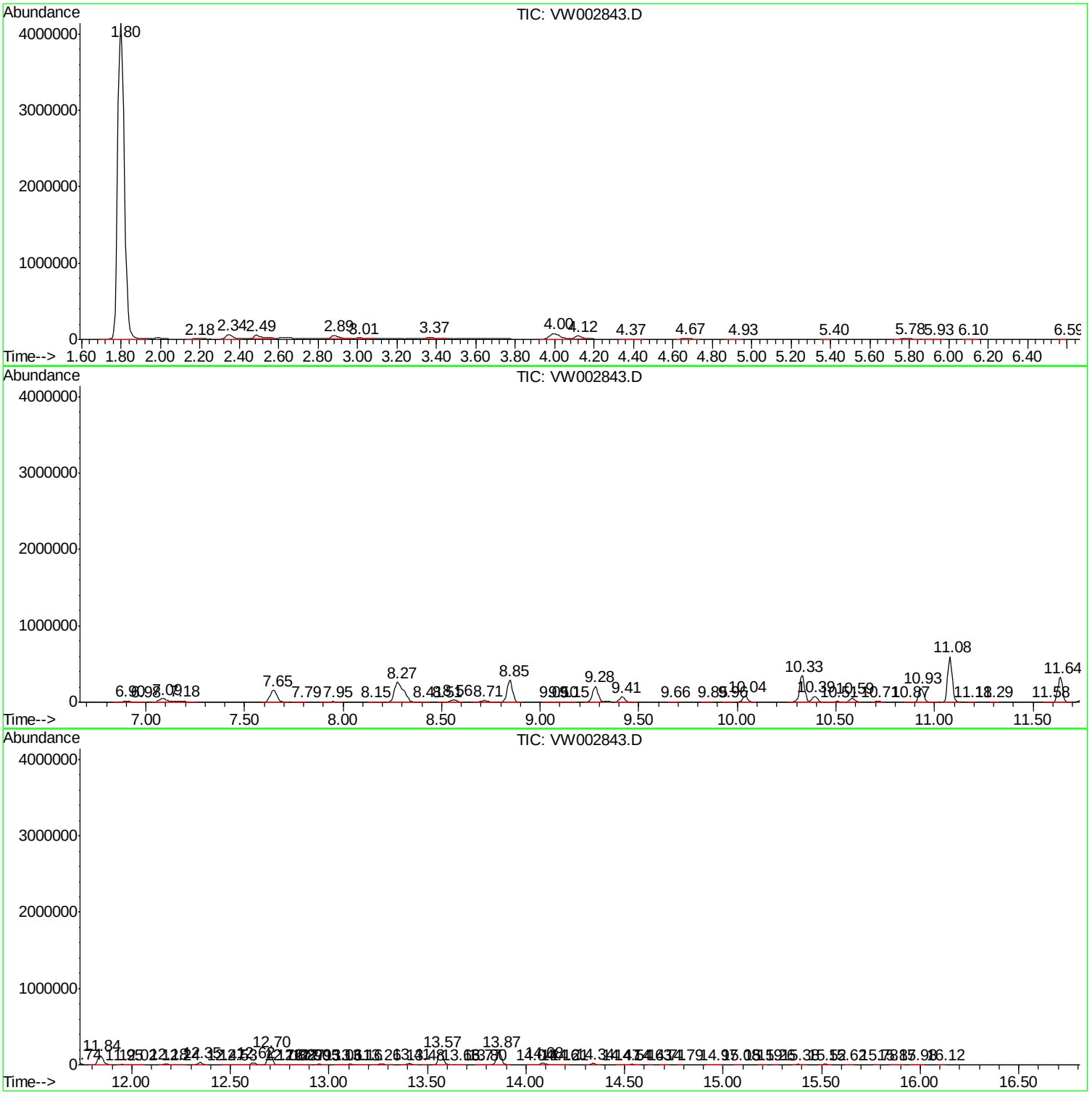
Sum of corrected areas: 17880248

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

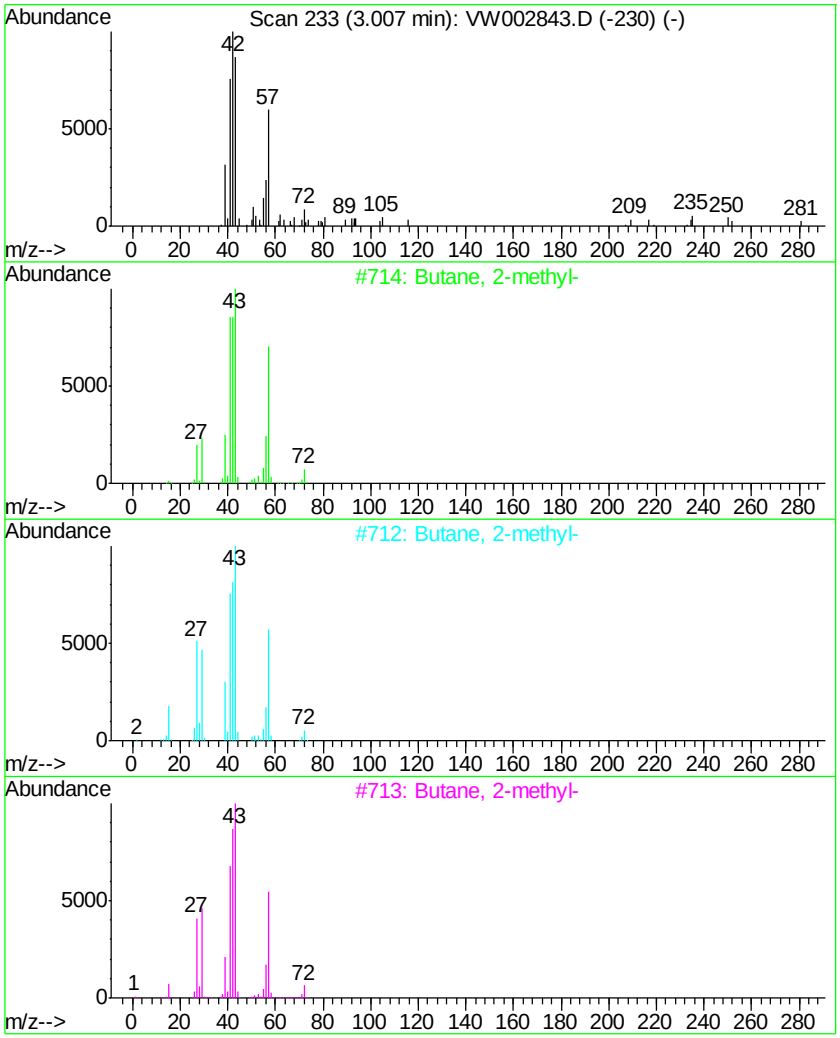
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

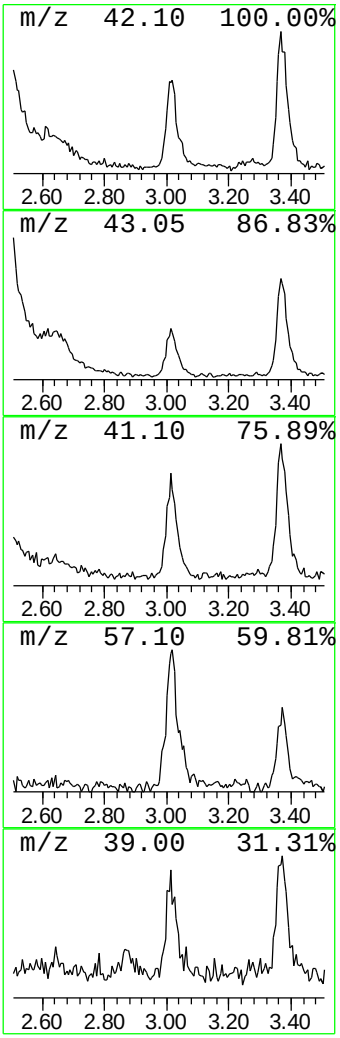
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	1.69 ug/L	38013	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	72
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Butane, 2-methyl-	72	C5H12	000078-78-4	59
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	25
5	3-Buten-1-ol	72	C4H8O	000627-27-0	9





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

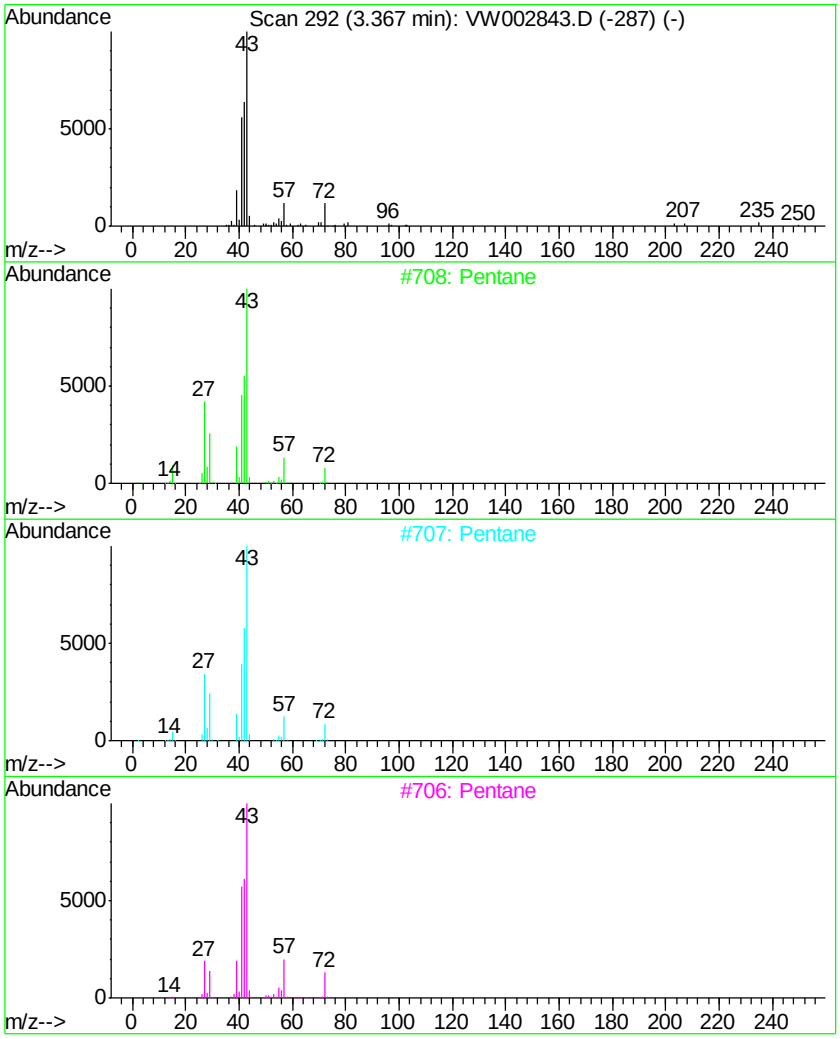
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

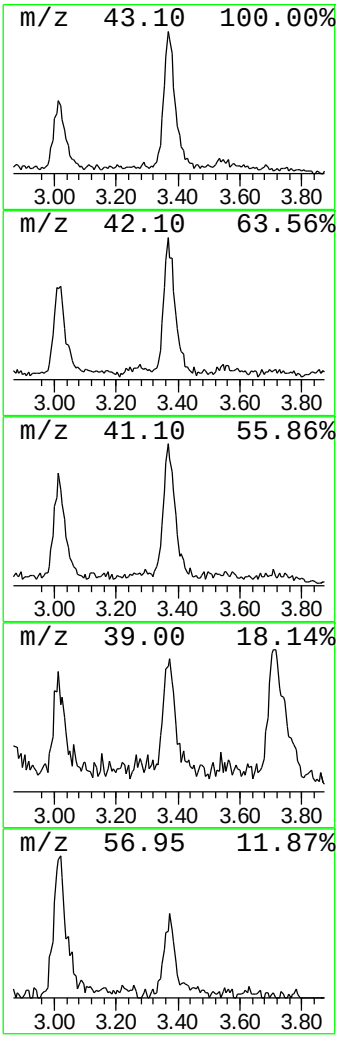
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	2.14 ug/L	48156	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	53
4	Pentane	72	C5H12	000109-66-0	42
5	Butane, 2-methyl-	72	C5H12	000078-78-4	33





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

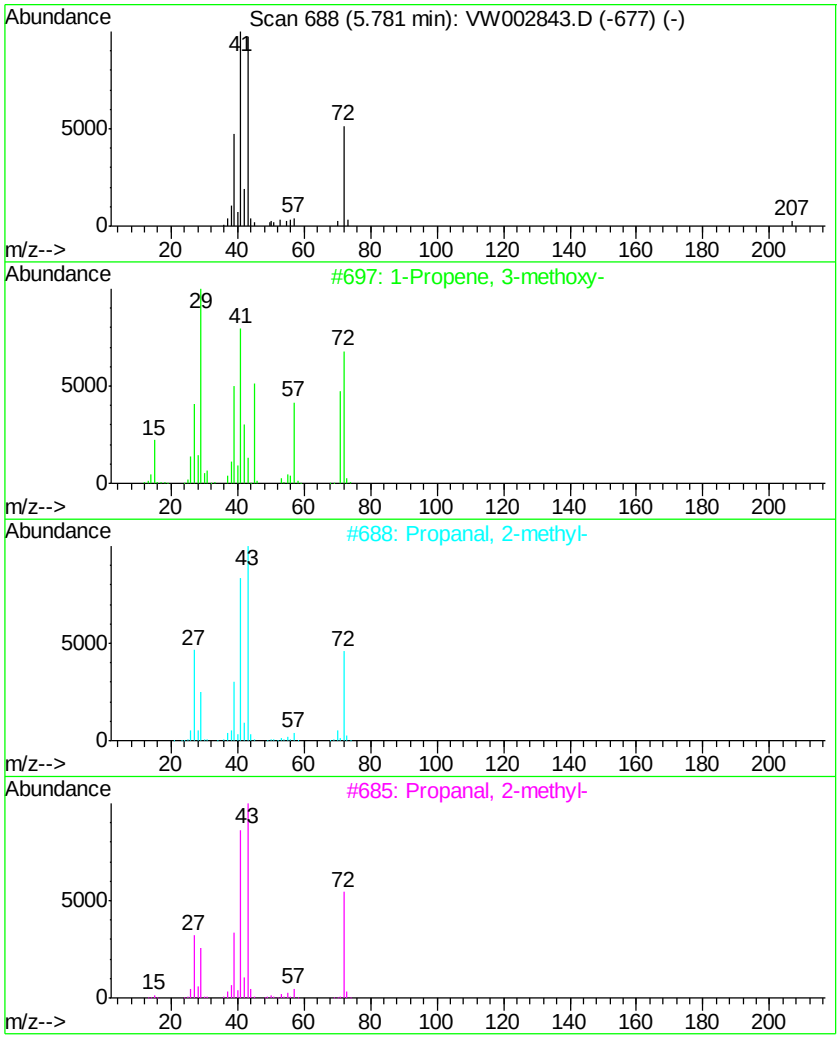
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

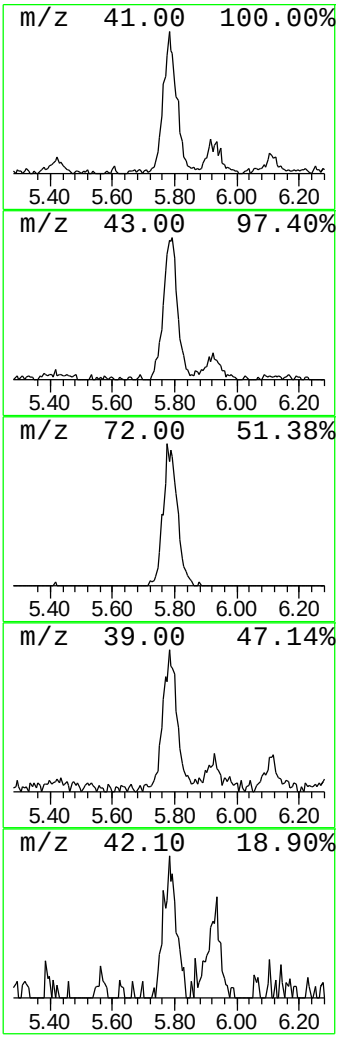
****

Peak Number 5 1-Propene, 3-methoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	2.10 ug/L	47216	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	59
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	58
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	58
4	Butanal	72	C4H8O	000123-72-8	56
5	Isobutylene epoxide	72	C4H8O	000558-30-5	43





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

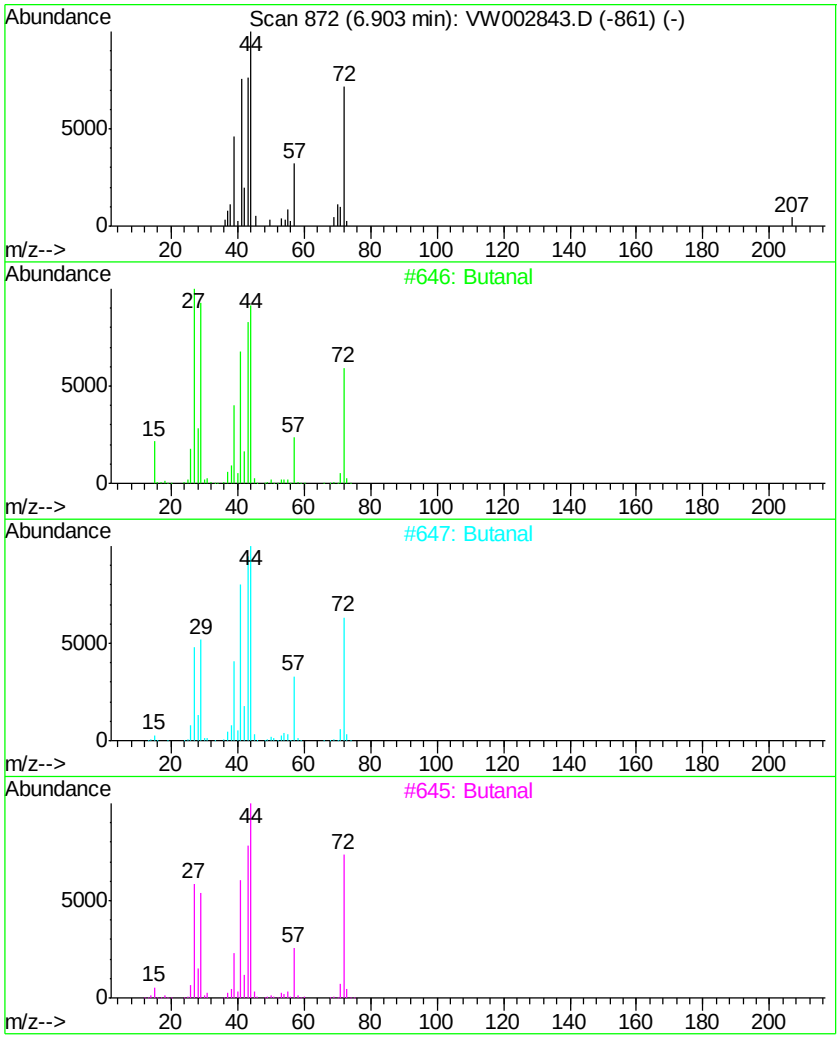
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

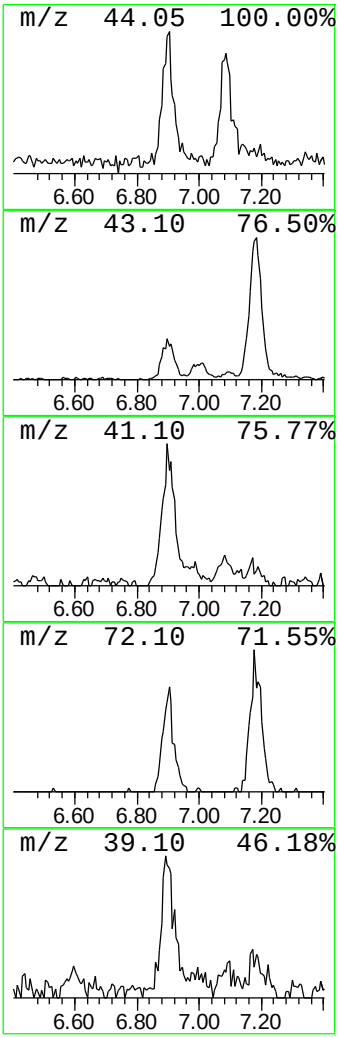
****

Peak Number 6 Butanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	1.58 ug/L	35601	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	87
3	Butanal	72	C4H8O	000123-72-8	49
4	Butanal	72	C4H8O	000123-72-8	47
5	Propane	44	C3H8	000074-98-6	47





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

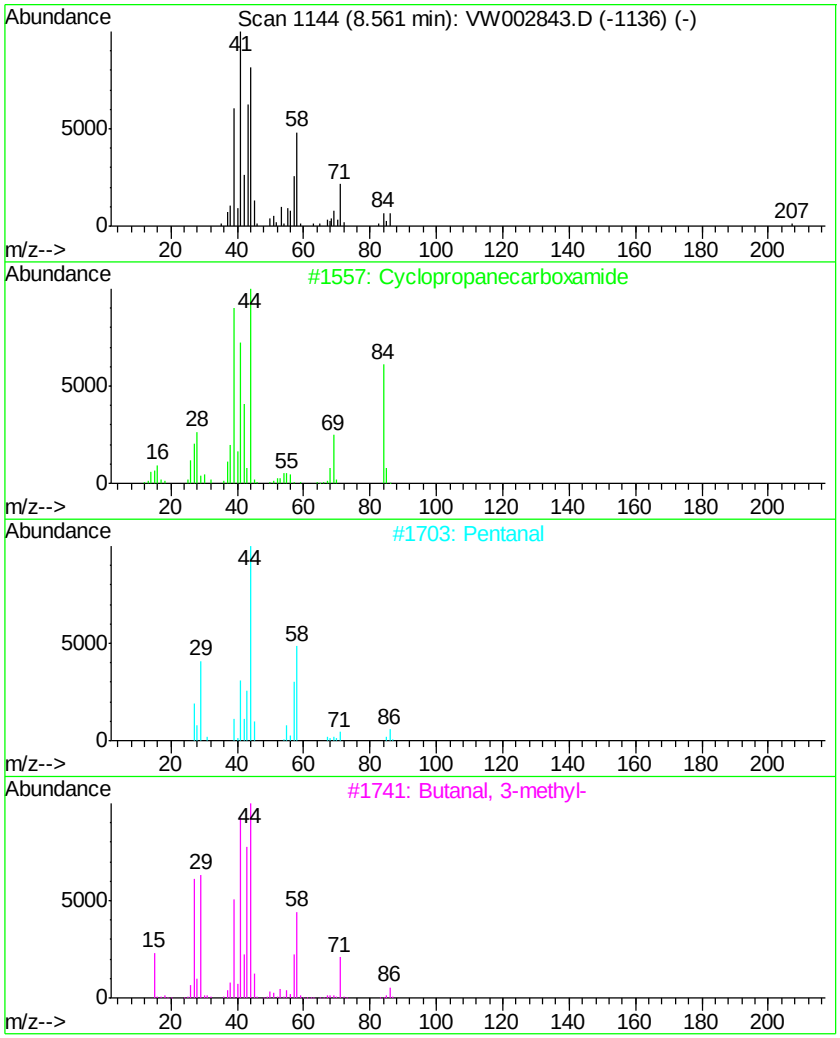
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

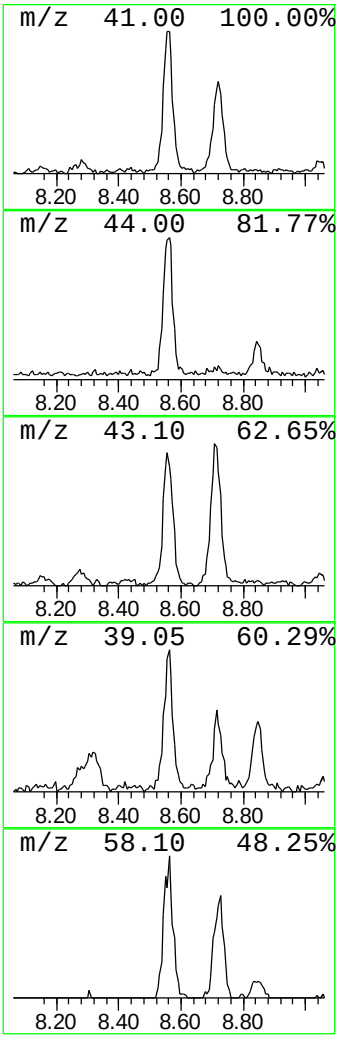
****

Peak Number 7 Cyclopropanecarboxamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	2.95 ug/L	66312	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	50
2	Pentanal	86	C5H10O	000110-62-3	49
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	46
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
5	Ethanol, 2-(2-propenyloxy)-	102	C5H10O2	000111-45-5	37





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

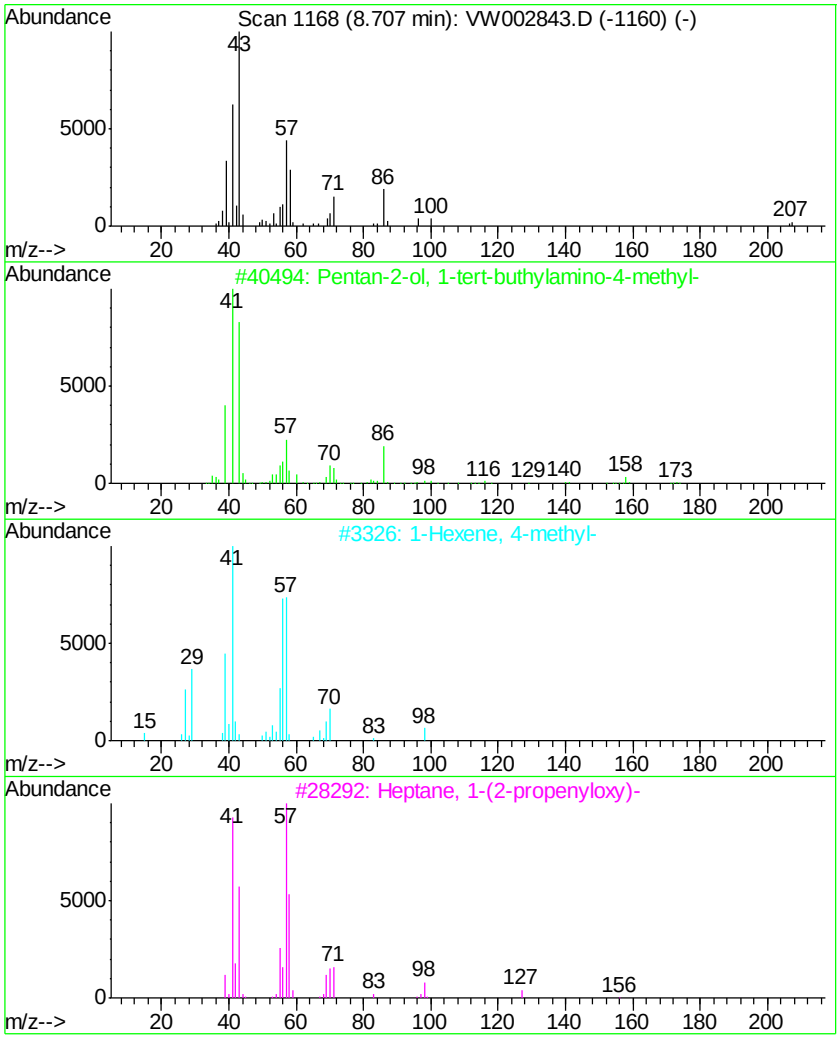
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

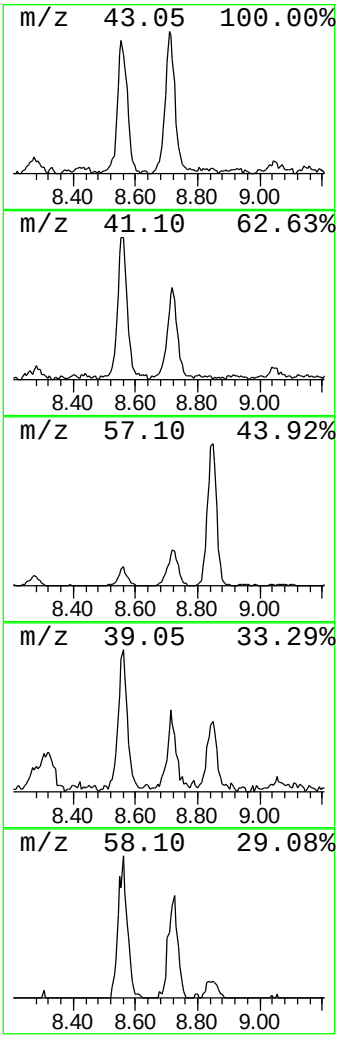
****

Peak Number 8 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.24 ug/L	50337	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentan-2-ol, 1-tert-buthylamino-...	173	C10H23NO	339196-64-4	40
2	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38
3	Heptane, 1-(2-propenyloxy)-	156	C10H20O	016519-24-7	32
4	2-Butene	56	C4H8	000107-01-7	27
5	Oxetane, 2,2-dimethyl-	86	C5H10O	006245-99-4	25





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

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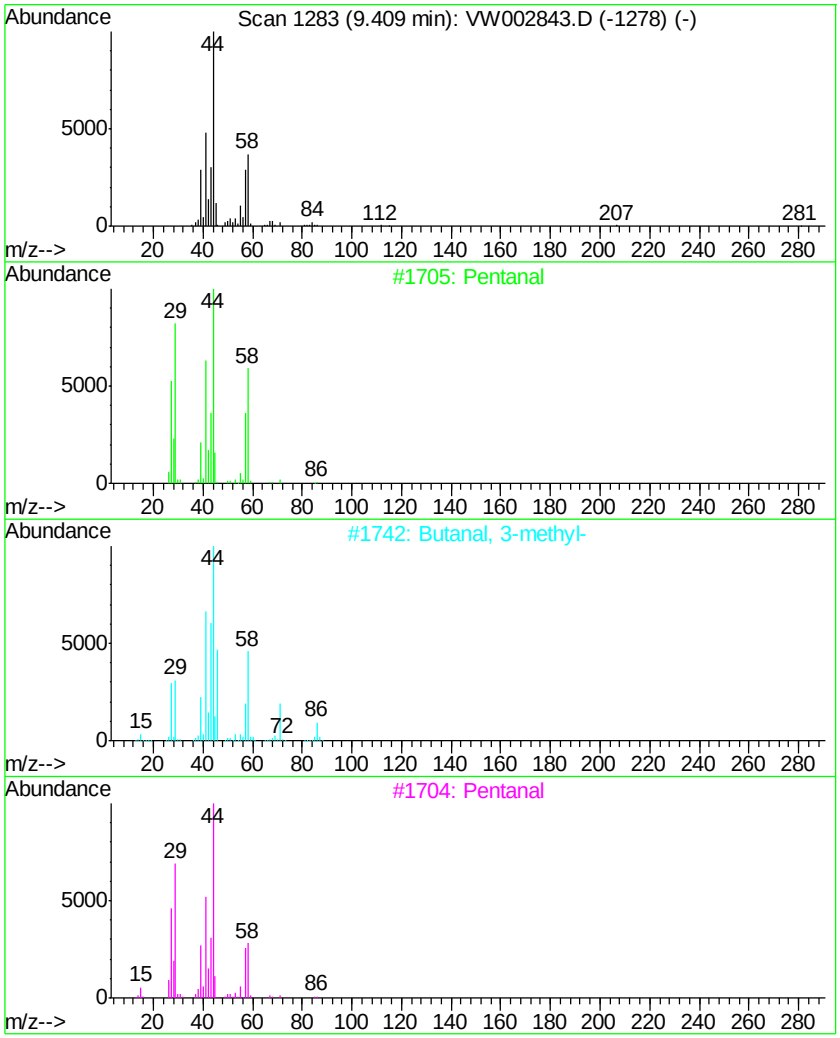
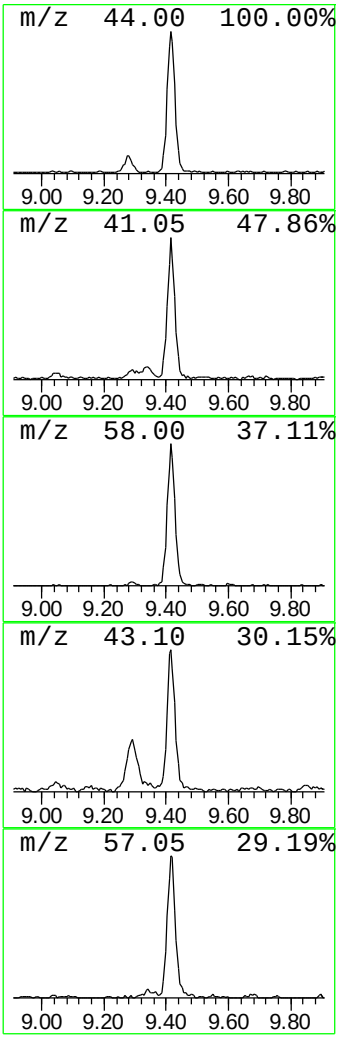
Peak Number 9 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	5.80 ug/L	130557	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	87
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
3	Pentanal	86	C5H10O	000110-62-3	64
4	Pentanal	86	C5H10O	000110-62-3	64
5	Cyclopropyl carbinol	72	C4H8O	002516-33-8	50





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

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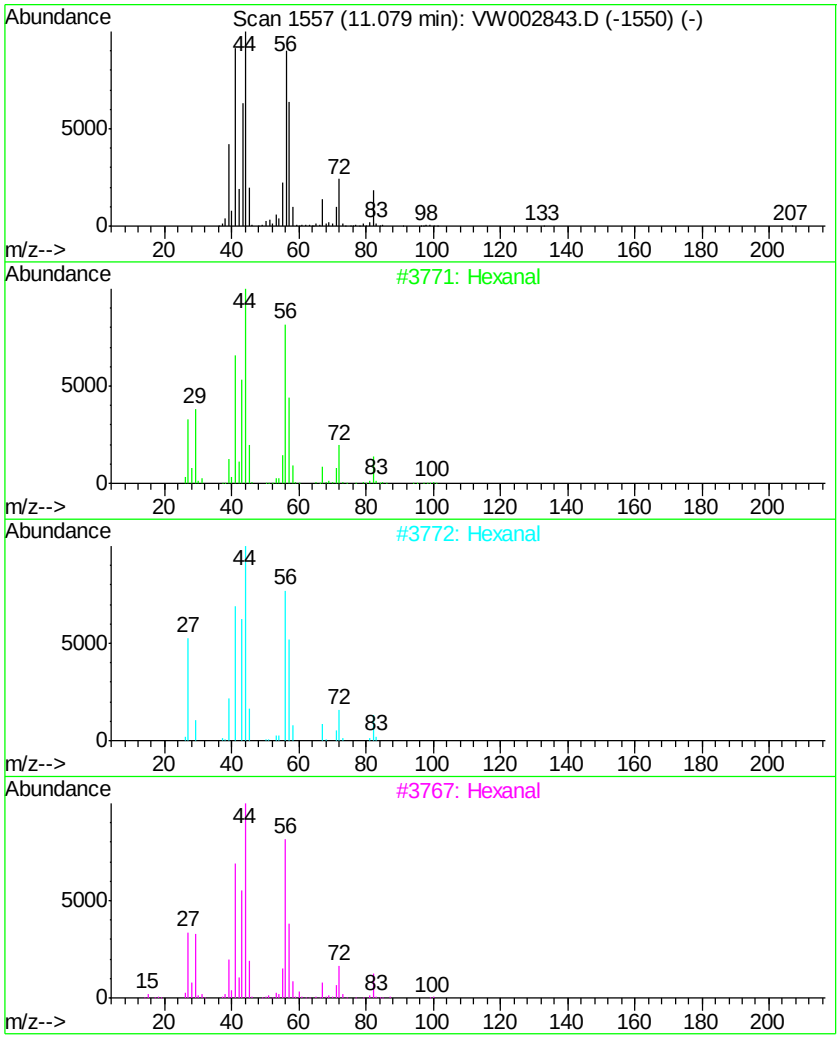
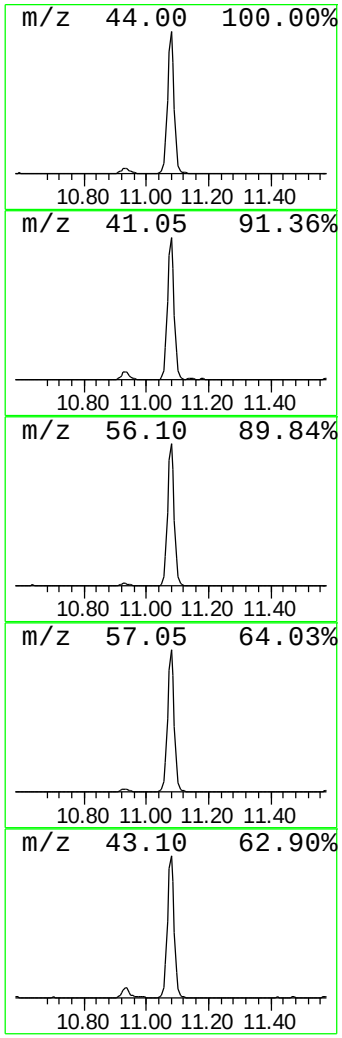
Peak Number 11 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	43.05 ug/L	939694	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	59
5	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

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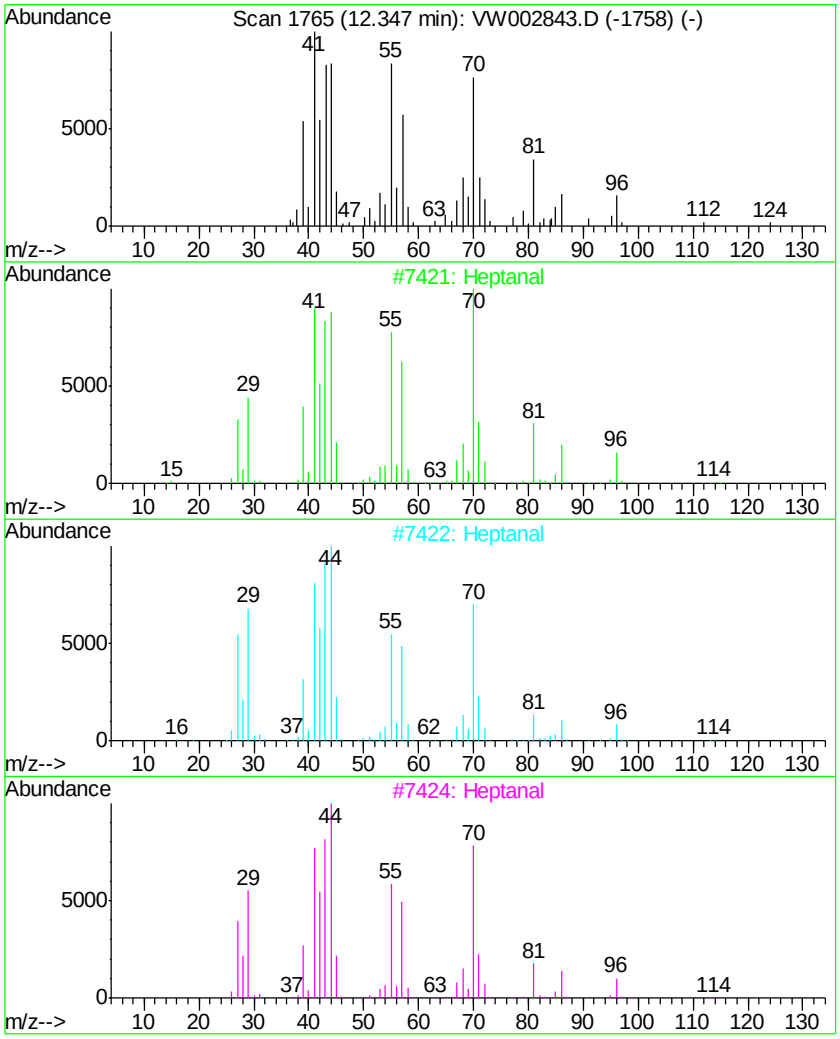
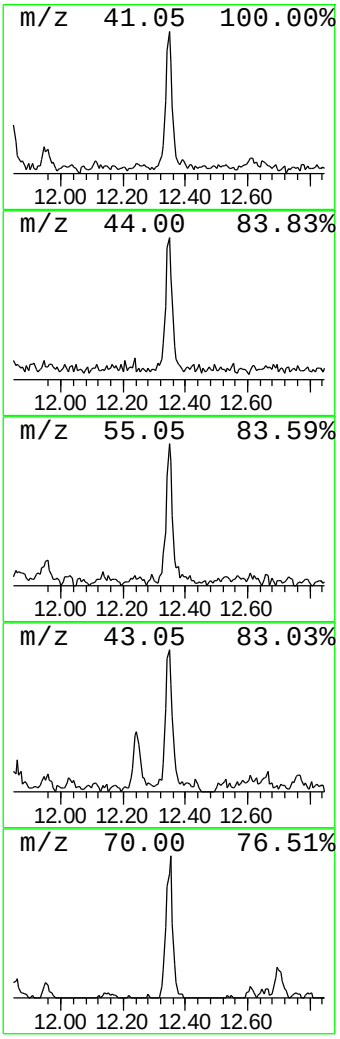
Peak Number 13 Heptanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.42 ug/L	52723	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	80
2	Heptanal	114	C7H14O	000111-71-7	80
3	Heptanal	114	C7H14O	000111-71-7	72
4	Heptanal	114	C7H14O	000111-71-7	64
5	3-Butenamide	85	C4H7NO	028446-58-4	35





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Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

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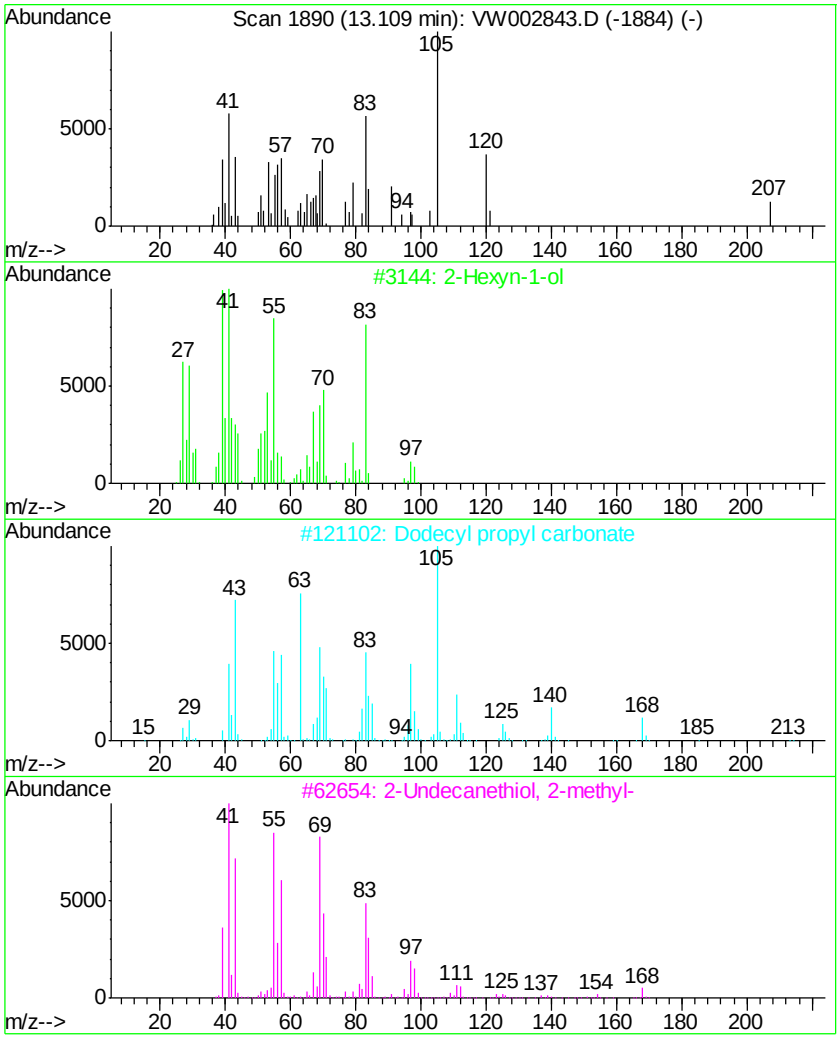
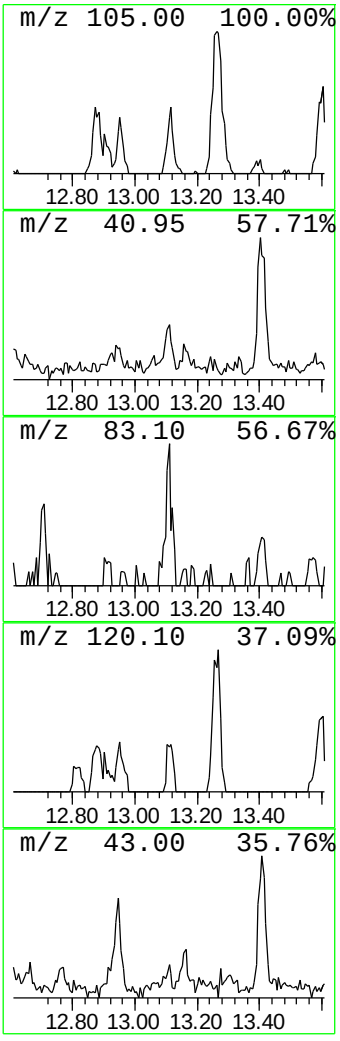
Peak Number 15 2-Hexyn-1-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	1.28 ug/L	14901	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyn-1-ol	98	C6H10O	000764-60-3	27
2	Dodecyl propyl carbonate	272	C16H32O3	959272-51-6	23
3	2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	12
4	1-Undecene	154	C11H22	000821-95-4	12
5	3-Dodecene, (Z)-	168	C12H24	007239-23-8	12





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

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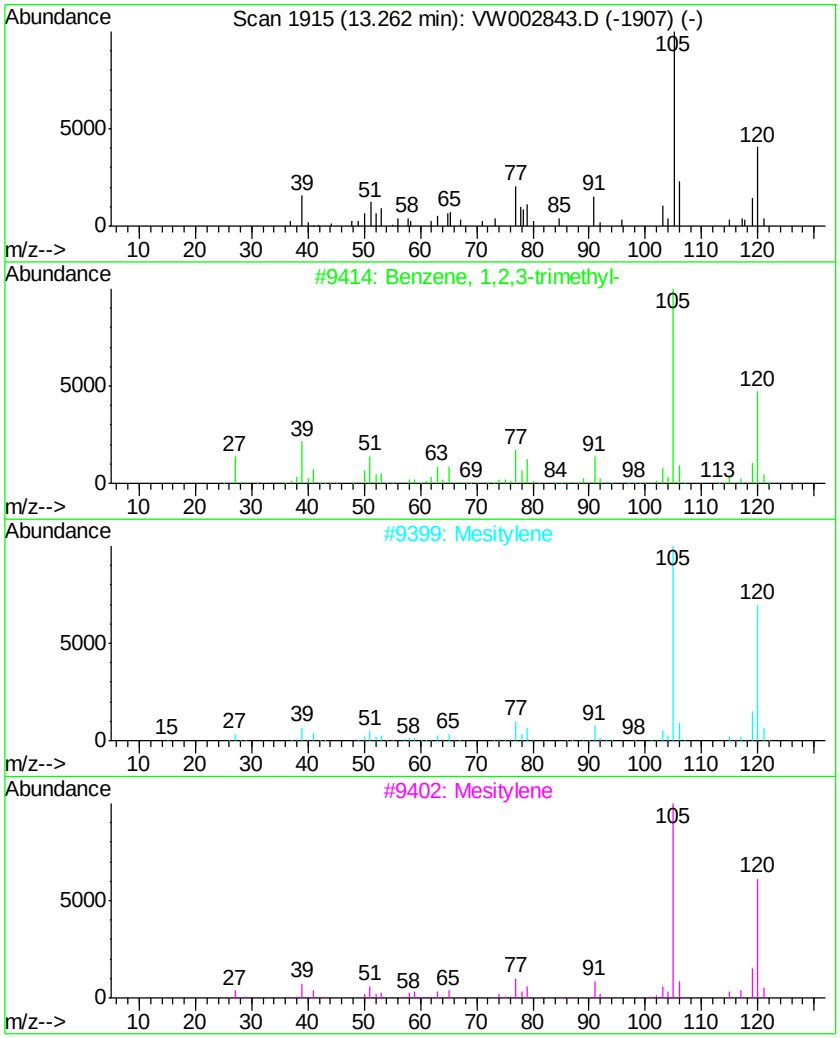
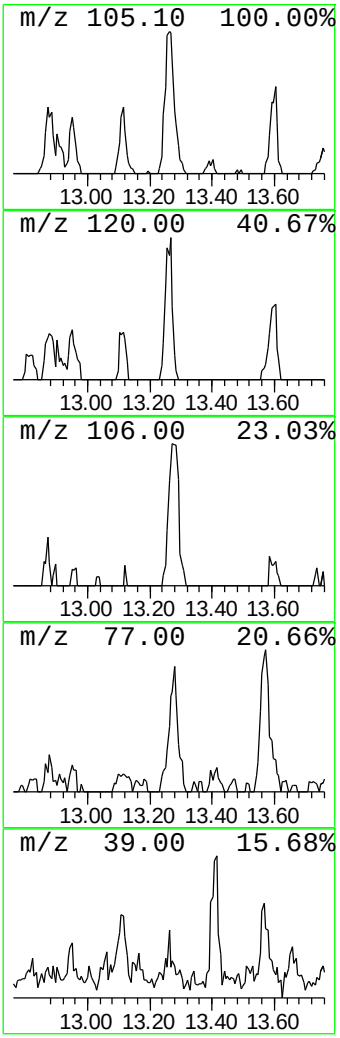
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.00 ug/L	23226	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2	Mesitylene	120	C9H12	000108-67-8	83
3	Mesitylene	120	C9H12	000108-67-8	83
4	Mesitylene	120	C9H12	000108-67-8	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

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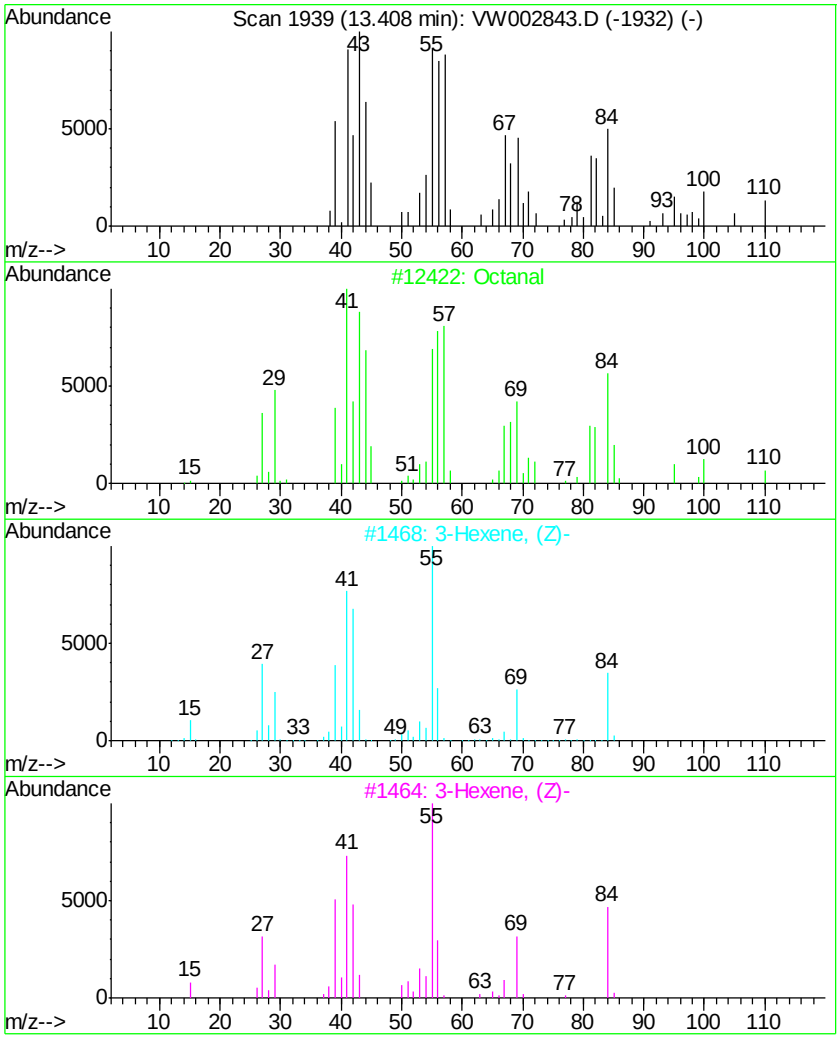
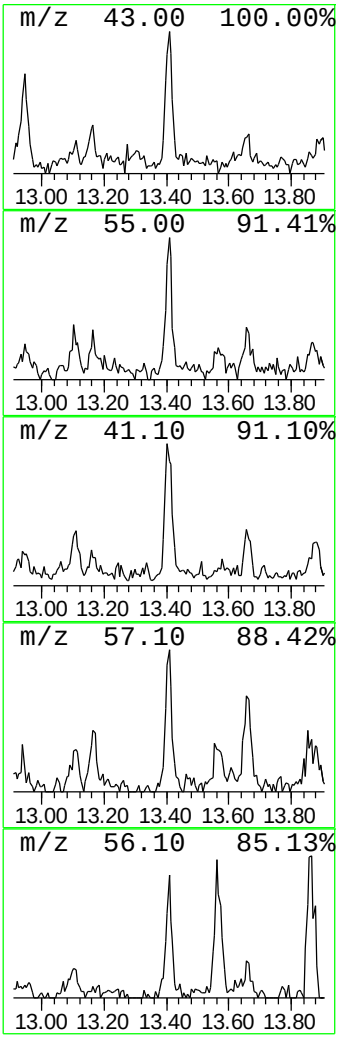
Peak Number 17 Octanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.68 ug/L	31135	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	86
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	25
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	25
4	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	25
5	3-Hexene, (E)-	84	C6H12	013269-52-8	25





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

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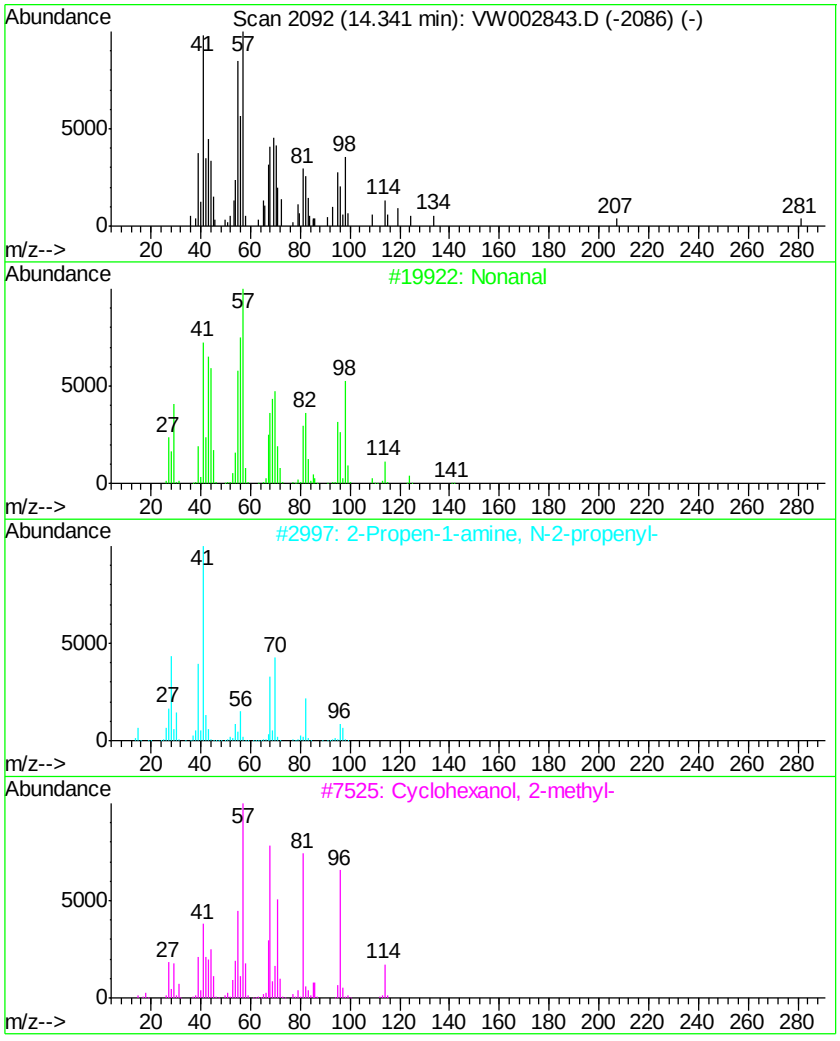
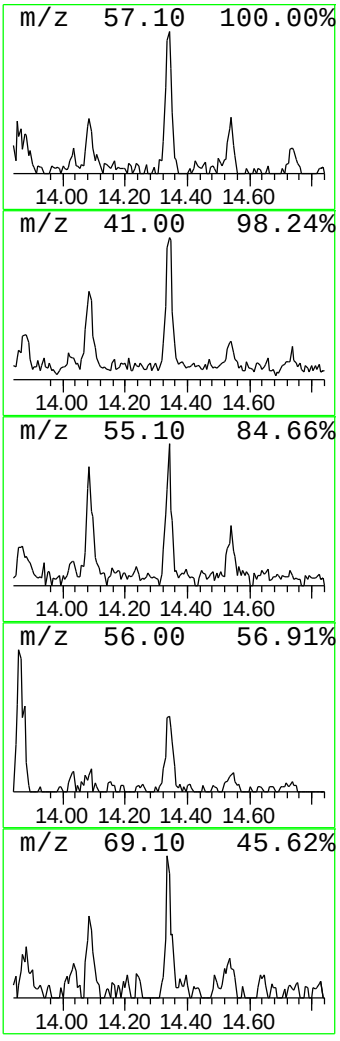
Peak Number 19 Nonanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.51 ug/L	29089	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	53
2	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	43
3	Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	38
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	27
5	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	25





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002843.D
Acq On : 24 May 2018 13:35
Operator : JC/SY
Sample : J3030-01RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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
(DEL) Alkane: Str...	3.01	1.7	ug/L	38013	1	8.85	562775	25.0
(DEL) Alkane: Str...	3.37	2.1	ug/L	48156	1	8.85	562775	25.0
1-Propene, 3-meth...	5.78	2.1	ug/L	47216	1	8.85	562775	25.0
Butanal	6.90	1.6	ug/L	35601	1	8.85	562775	25.0
Cyclopropanecarbo...	8.56	3.0	ug/L	66312	1	8.85	562775	25.0
unknown-01	8.71	2.2	ug/L	50337	1	8.85	562775	25.0
Pentanal	9.41	5.8	ug/L	130557	1	8.85	562775	25.0
Hexanal	11.08	43.0	ug/L	939694	2	11.64	545744	25.0
Heptanal	12.35	2.4	ug/L	52723	2	11.64	545744	25.0
2-Hexyn-1-ol	13.11	1.3	ug/L	14901	3	13.57	290154	25.0
Benzene, 1,2,3-tr...	13.26	2.0	ug/L	23226	3	13.57	290154	25.0
Octanal	13.41	2.7	ug/L	31135	3	13.57	290154	25.0
Nonanal	14.34	2.5	ug/L	29089	3	13.57	290154	25.0