LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004445.D
Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

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\SOM2WLM080218S.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	1.746	16	26	28	rBV	33561	63167	0.53%	0.156%
2	1.813	28	37	56	rVV	5254689	11982791	100.00%	29.656%
3	1.953	56	60	77	rVB2	237918	459400	3.83%	1.137%
4	2.093	79	83	88	rVB2	9651	17034	0.14%	0.042%
5	2.179	90	97	99	rBV4	15408	30889	0.26%	0.076%
6	2.361	116	127	138	rBV	223933	666681	5.56%	1.650%
7	2.453	138	142	153	rVV	51132	128186	1.07%	0.317%
8	2.575	157	162	170	rVB2	28399	66184	0.55%	0.164%
9	2.892	206	214	228	rBV	161118	454495	3.79%	1.125%
10	3.026	232	236	249	rVB2	21673	53911	0.45%	0.133%
11	3.294	274	280	288	rVB2	21173	49068	0.41%	0.121%
12	3.386	288	295	310	rVB5	35723	113264	0.95%	0.280%
13	3.733	347	352	361	rVB5	11194	31691	0.26%	0.078%
14	3.849	365	371	373	rBV6	8939	18465	0.15%	0.046%
15	4.014	386	398	414	rBV	337915	1186968	9.91%	2.938%
16	4.142	415	419	429	rVB2	17679	46949	0.39%	0.116%
17	4.465	468	472	473	rVV4	3197	4658	0.04%	0.012%
18	4.495	473	477	487	rVB3	10605	25760	0.21%	0.064%
19	4.770	508	522	531	rVB3	3956	16527	0.14%	0.041%
20	4.922	534	547	568	rBV2	43055	194929	1.63%	0.482%
21	5.422	622	629	631	rBV5	4230	8201	0.07%	0.020%
22	5.769	673	686	699	rBV8	8993	36285	0.30%	0.090%
23	5.934	705	713	725	rVB4	16511	50105	0.42%	0.124%
24	6.092	734	739	740	rBV5	2717	3753	0.03%	0.009%
25	6.568	806	817	827	rVB9	4091	14477	0.12%	0.036%
26	6.727	835	843	848	rBV9	1895	4724	0.04%	0.012%
27	7.092	894	903	909	rBV	120695	356786	2.98%	0.883%
28	7.159	909	914	929	rVB	85628	243617	2.03%	0.603%
29	7.556	971	979	984	rBV8	4489	12107	0.10%	0.030%
30	7.647	984	994	1010	rVB	554343	1345990	11.23%	3.331%
31	8.153	1069	1077	1086	rBV8	4345	12513	0.10%	0.031%
32	8.281	1086	1098	1113	rBV2	1086370	3256775	27.18%	8.060%
33	8.415	1114	1120	1127	rVB4	7518	18119	0.15%	0.045%
34	8.525	1133	1138	1141	rBV6	3190	5176	0.04%	0.013%

LSC Area Percent Report

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Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

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\SOM2WLM080218S.M
Title : VOC Analysis

35	8.592	1141	1149	1155	rBV8	4748	11729	0.10%	0.029%
36	8.702	1158	1167	1173	rBV6	5015	11517	0.10%	0.029%
37	8.848	1182	1191	1205	rBV	1078125	2137817	17.84%	5.291%
38	9.092	1223	1231	1238	rBV	5522	16330	0.14%	0.040%
39	9.281	1253	1262	1276	rVV	736941	1504406	12.55%	3.723%
40	9.391	1276	1280	1281	rVV4	2691	4101	0.03%	0.010%
41	9.665	1319	1325	1327	rBV6	2562	4219	0.04%	0.010%
42	9.903	1358	1364	1368	rVB7	2143	4314	0.04%	0.011%
43	9.964	1368	1374	1376	rBV5	1965	3440	0.03%	0.009%
44	10.037	1378	1386	1394	rBV	341636	616227	5.14%	1.525%
45	10.330	1422	1434	1442	rBV	1421593	2501900	20.88%	6.192%
46	10.506	1457	1463	1469	rBV9	4644	9064	0.08%	0.022%
47	10.579	1469	1475	1485	rVB	245247	427934	3.57%	1.059%
48	10.708	1491	1496	1503	rBV	15224	25766	0.22%	0.064%
49	10.854	1516	1520	1525	rVB8	3057	5440	0.05%	0.013%
50	10.933	1525	1533	1546	rBV	506522	886288	7.40%	2.193%
51	11.067	1549	1555	1565	rVB	86376	152053	1.27%	0.376%
52	11.342	1595	1600	1605	rBV7	3076	6628	0.06%	0.016%
53	11.415	1605	1612	1622	rVB8	9360	24800	0.21%	0.061%
54	11.512	1624	1628	1637	rVB4	8664	14291	0.12%	0.035%
55	11.634	1640	1648	1656	rBV	1675588	2760518	23.04%	6.832%
56	11.774	1667	1671	1673	rBV3	3774	4937	0.04%	0.012%
57	11.848	1675	1683	1687	rBV2	132304	232857	1.94%	0.576%
58	11.927	1692	1696	1700	rVB4	26032	44965	0.38%	0.111%
59	11.982	1700	1705	1707	rBV5	4907	8248	0.07%	0.020%
60	12.067	1712	1719	1724	rVB4	13499	29149	0.24%	0.072%
61	12.146	1724	1732	1738	rBV4	65584	159191	1.33%	0.394%
62	12.256	1743	1750	1754	rVB3	34522	69823	0.58%	0.173%
63	12.311	1754	1759	1760	rBV3	20869	31153	0.26%	0.077%
64	12.347	1760	1765	1768	rBV5	41460	77539	0.65%	0.192%
65	12.390	1769	1772	1776	rVB	52633	74529	0.62%	0.184%
66	12.518	1787	1793	1795	rBV4	17295	37606	0.31%	0.093%
67	12.549	1795	1798	1800	rVV2	28052	42604	0.36%	0.105%
68	12.573	1800	1802	1805	rVB2	35385	37299	0.31%	0.092%
69	12.616	1805	1809	1813	rBV	46614	70150	0.59%	0.174%
70	12.701	1817	1823	1830	rVV	727498	1223746	10.21%	3.029%
71	12.786	1833	1837	1843	rVB2	54985	102900	0.86%	0.255%

LSC Area Percent Report

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Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

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\SOM2WLM080218S.M
Title : VOC Analysis

72	12.872	1843	1851	1854	rBV6	22715	52396	0.44%	0.130%
73	12.939	1856	1862	1868	rVV3	179490	324296	2.71%	0.803%
74	13.000	1868	1872	1877	rVB5	22831	39545	0.33%	0.098%
75	13.085	1882	1886	1890	rBV4	18131	26525	0.22%	0.066%
76	13.134	1890	1894	1896	rVV3	12111	17949	0.15%	0.044%
77	13.177	1897	1901	1908	rVB4	29658	53442	0.45%	0.132%
78	13.268	1914	1916	1918	rBV3	3171	4019	0.03%	0.010%
79	13.305	1918	1922	1925	rVB4	12448	18621	0.16%	0.046%
80	13.402	1932	1938	1941	rBV8	10790	22596	0.19%	0.056%
81	13.457	1942	1947	1951	rVV4	24117	48313	0.40%	0.120%
82	13.494	1951	1953	1956	rVV4	9792	11058	0.09%	0.027%
83	13.567	1957	1965	1972	rVB	1717969	2758082	23.02%	6.826%
84	13.628	1972	1975	1979	rBV6	5537	9217	0.08%	0.023%
85	13.756	1994	1996	2000	rVB5	3473	3924	0.03%	0.010%
86	13.859	2006	2013	2030	rVB	1449669	2394964	19.99%	5.927%
87	14.024	2037	2040	2041	rBV3	4333	4031	0.03%	0.010%
88	14.085	2045	2050	2058	rVB2	36884	65339	0.55%	0.162%
89	14.207	2065	2070	2075	rBV7	6695	12632	0.11%	0.031%
90	14.335	2084	2091	2097	rBV6	31826	58717	0.49%	0.145%
91	14.536	2116	2124	2129	rBV9	6098	14300	0.12%	0.035%
92	14.707	2149	2152	2154	rBV4	2857	4267	0.04%	0.011%
93	14.737	2154	2157	2162	rVB6	8679	13196	0.11%	0.033%
94	15.188	2227	2231	2240	rVB6	14613	25979	0.22%	0.064%
95	15.262	2240	2243	2251	rVB7	3868	6851	0.06%	0.017%
96	15.512	2279	2284	2290	rVV	17236	30945	0.26%	0.077%
97	15.865	2338	2342	2345	rBV6	2902	4035	0.03%	0.010%
98	15.969	2357	2359	2367	rBV9	1819	4313	0.04%	0.011%
99	16.139	2380	2387	2396	rVB10	6435	16086	0.13%	0.040%
100	16.347	2414	2421	2425	rBV9	1994	4882	0.04%	0.012%

Sum of corrected areas: 40405643

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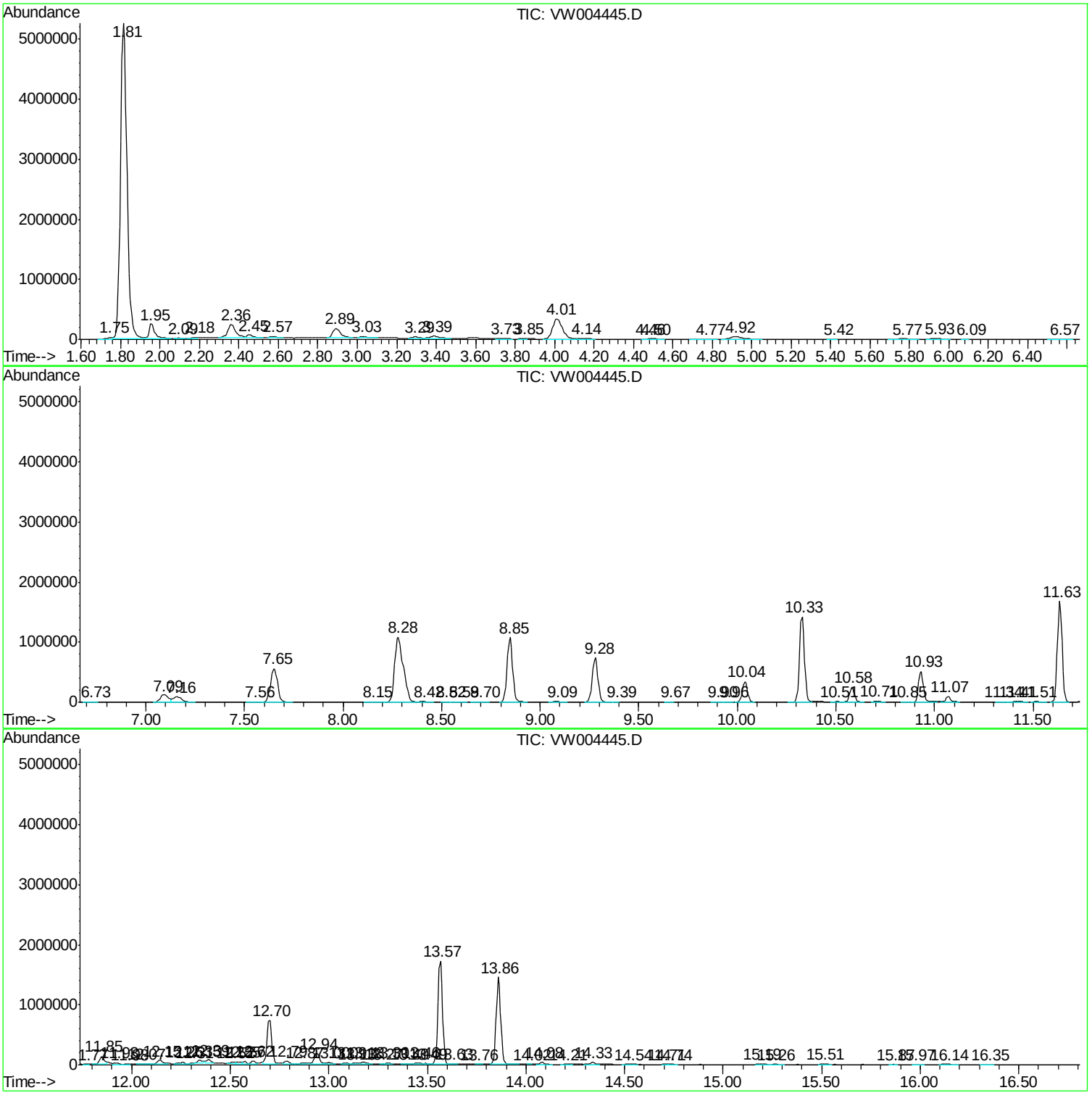
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.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\VW080218\
Data File : VW004445.D
Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

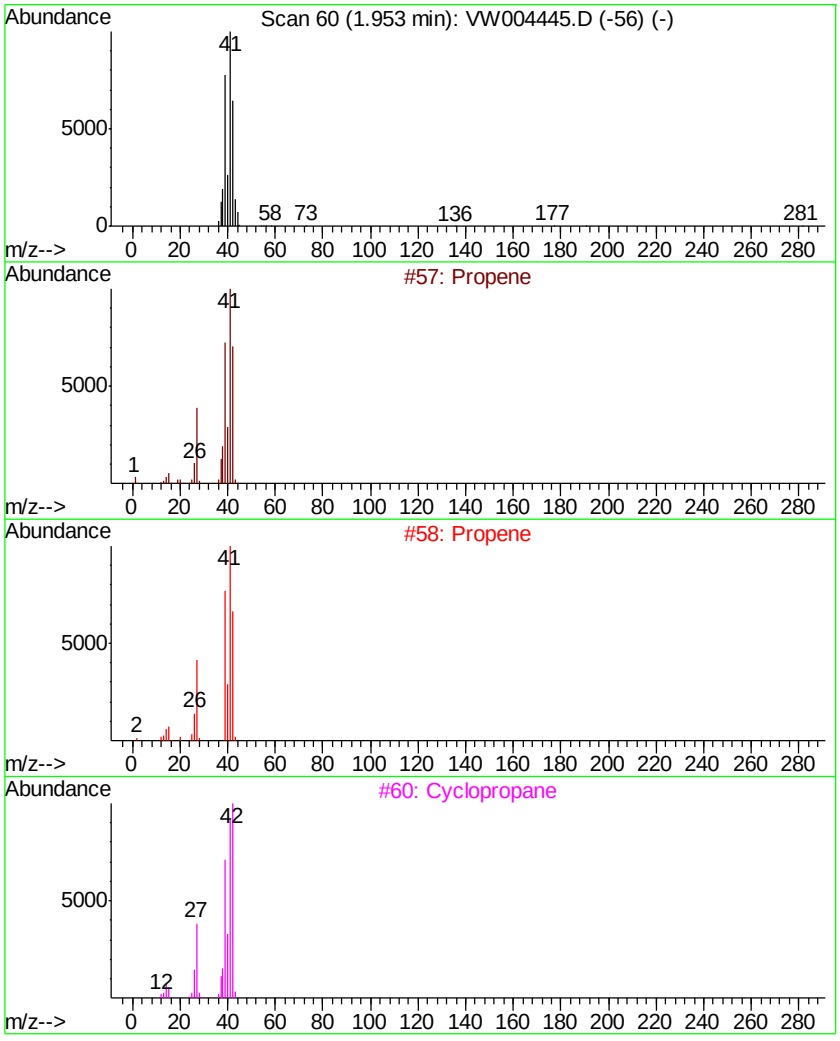
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

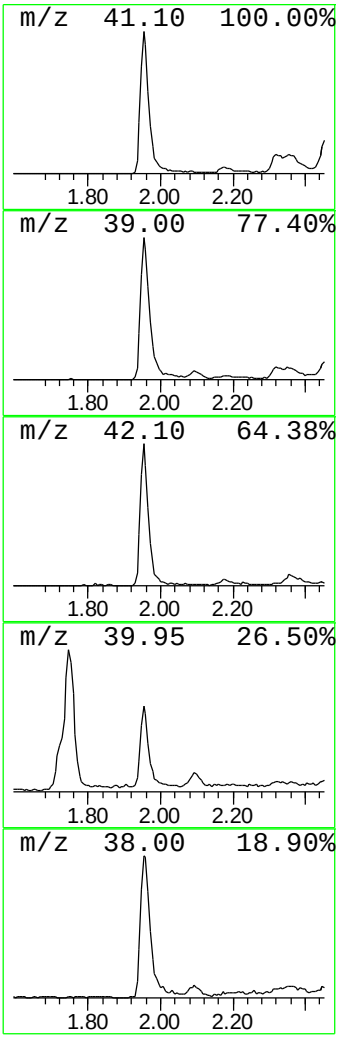
****

Peak Number 2 (DEL) Alkane: Cyclic1.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	5.37 ug/L	459400	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	56
3	Cyclopropane	42	C3H6	000075-19-4	10
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	8





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004445.D
Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

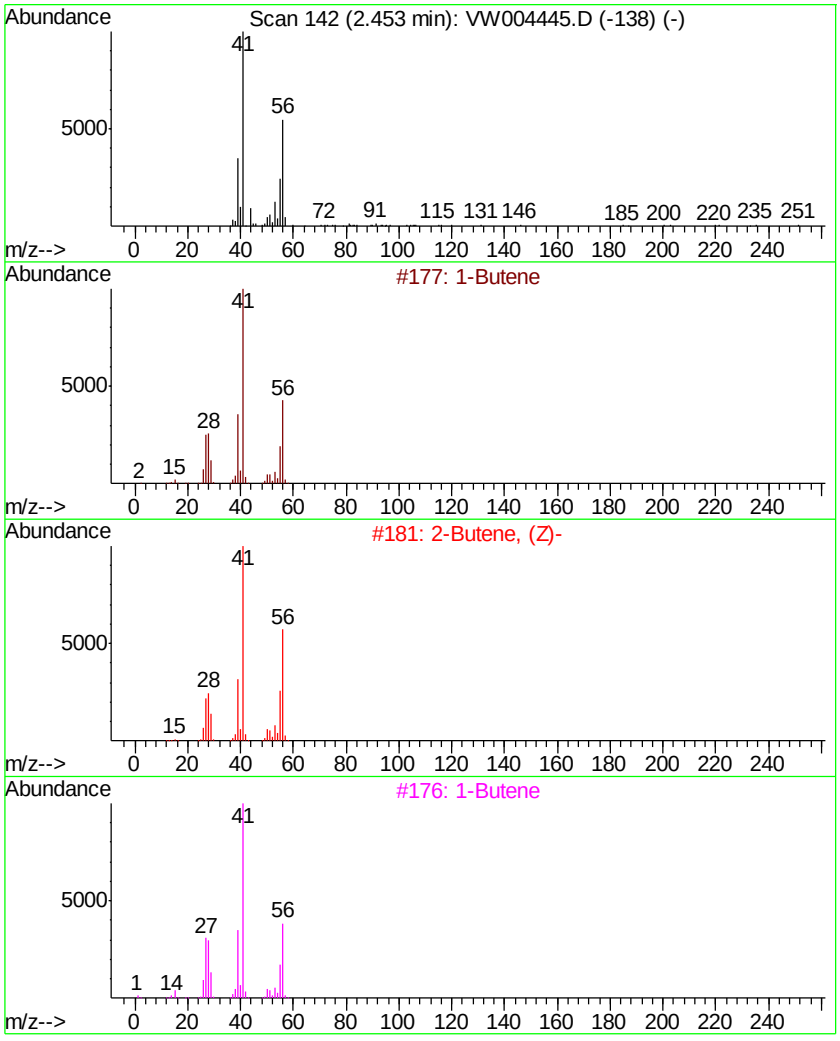
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

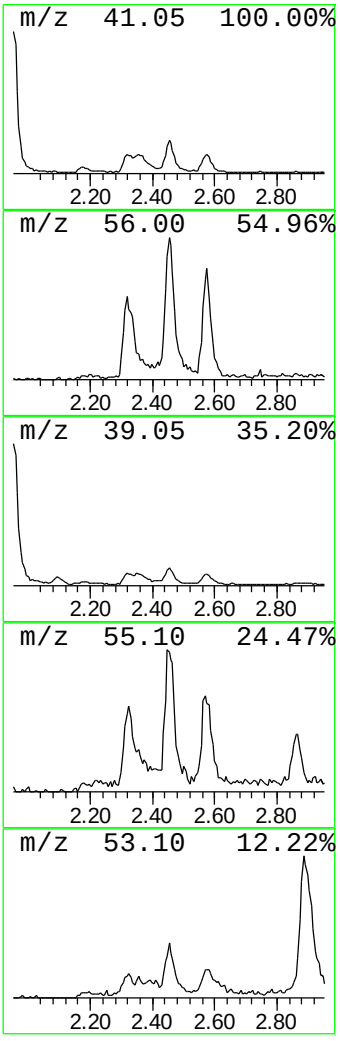
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic2.45 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	1.50 ug/L	128186	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	64
2	2-Butene, (Z)-	56	C4H8	000590-18-1	64
3	1-Butene	56	C4H8	000106-98-9	64
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	58
5	1-Butene	56	C4H8	000106-98-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004445.D
Acq On : 03 Aug 2018 13:34
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

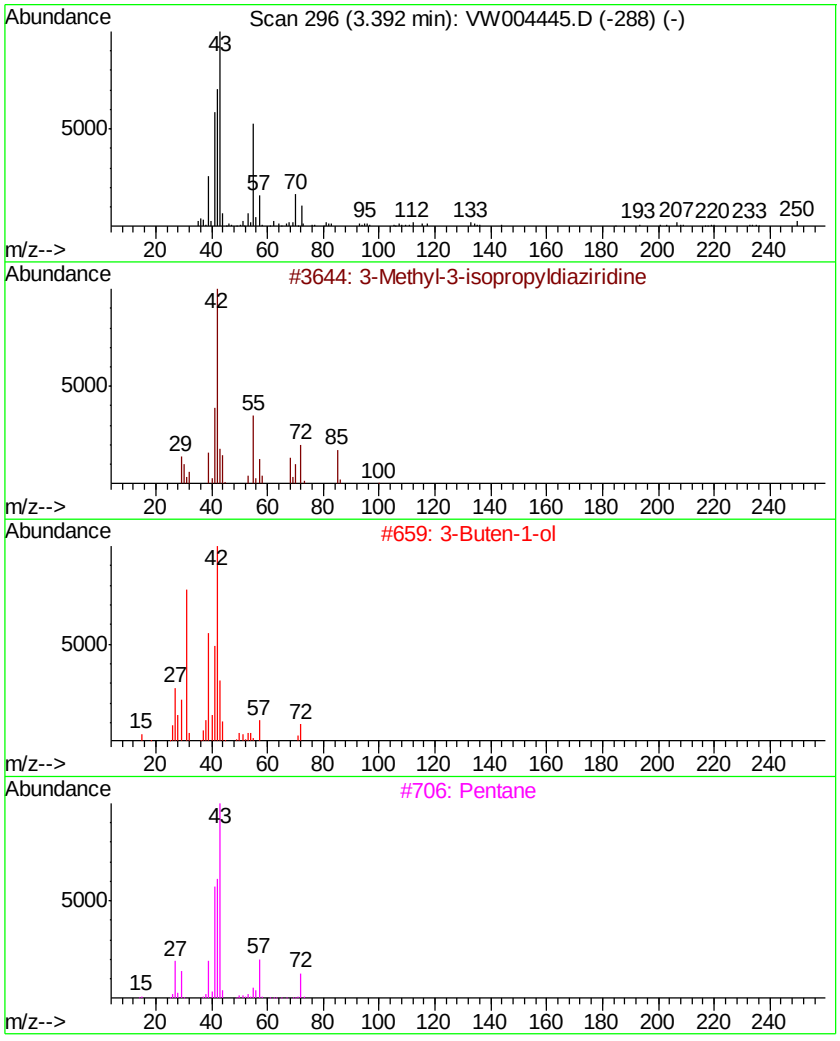
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

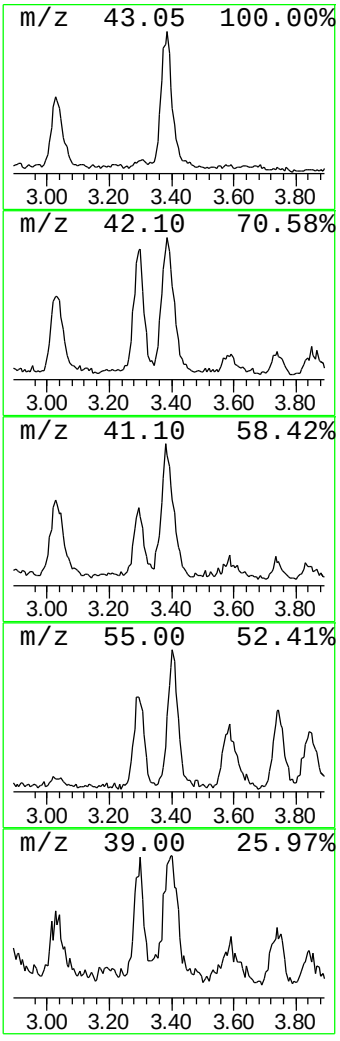
****

Peak Number 4 3-Methyl-3-isopropyldiaziri... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.32 ug/L	113264	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-isopropyldiaziridine	100	C5H12N2	024476-95-7	72
2	3-Buten-1-ol	72	C4H8O	000627-27-0	59
3	Pentane	72	C5H12	000109-66-0	50
4	1-Butanol	74	C4H10O	000071-36-3	50
5	Pentane	72	C5H12	000109-66-0	50





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Data File : VW004445.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

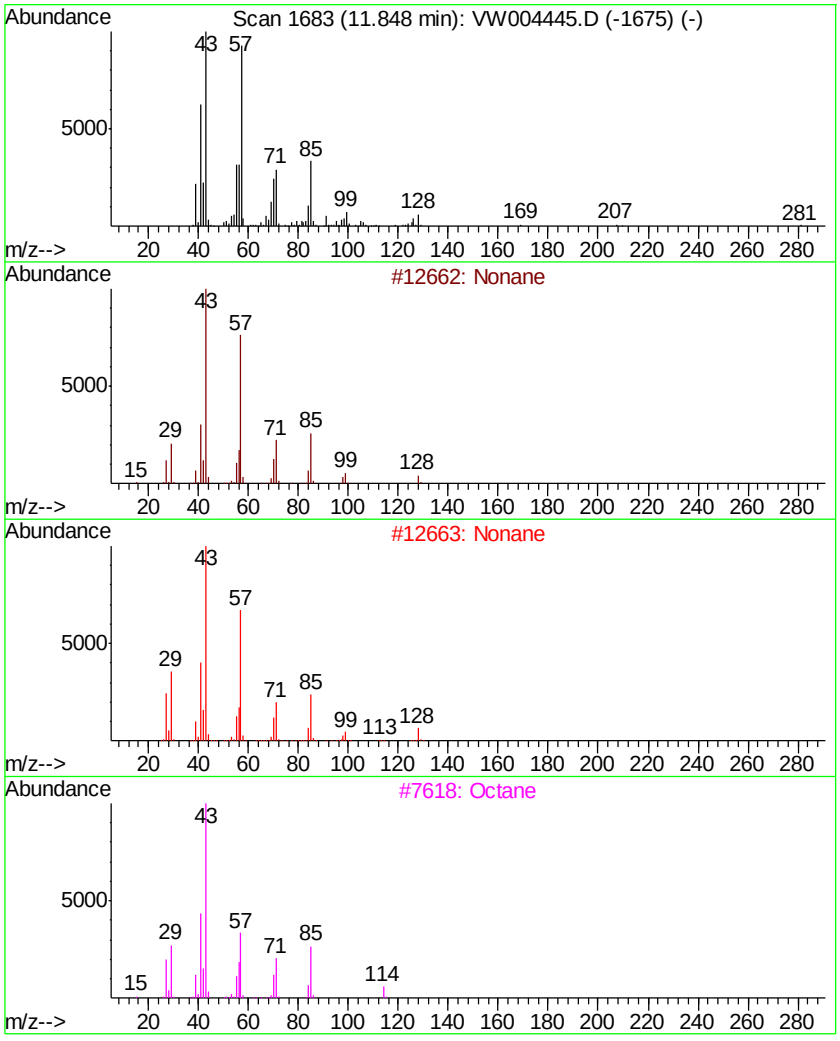
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

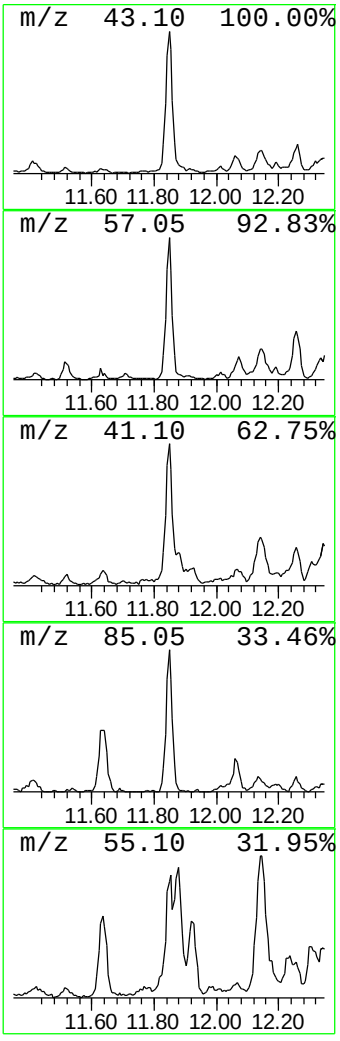
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.11 ug/L	232857	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	76
2	Nonane	128	C9H20	000111-84-2	74
3	Octane	114	C8H18	000111-65-9	59
4	Decane	142	C10H22	000124-18-5	53
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	53





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Data File : VW004445.D
Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

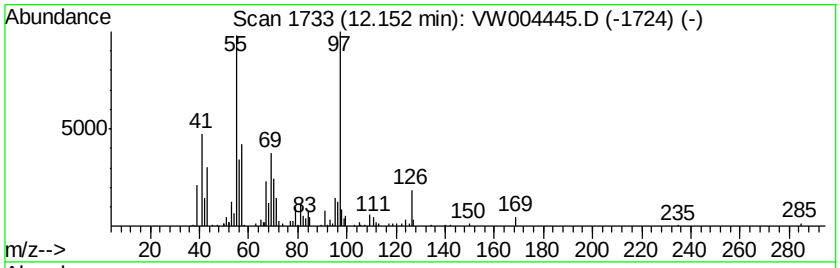
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

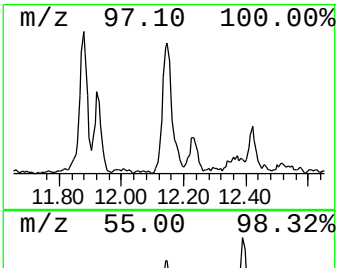
****

Peak Number 9 (DEL) Alkane: Cyclic12.15 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	1.44 ug/L	159191	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	49
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	46
3	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	43
4	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	43
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004445.D
Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

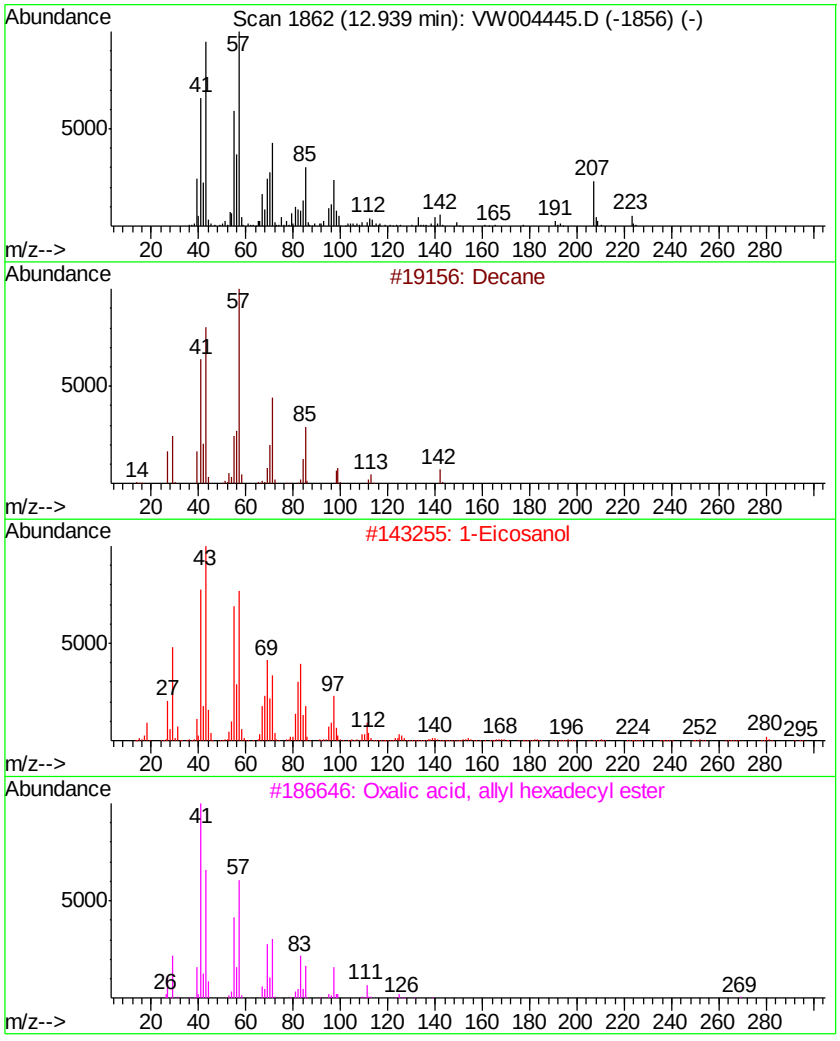
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

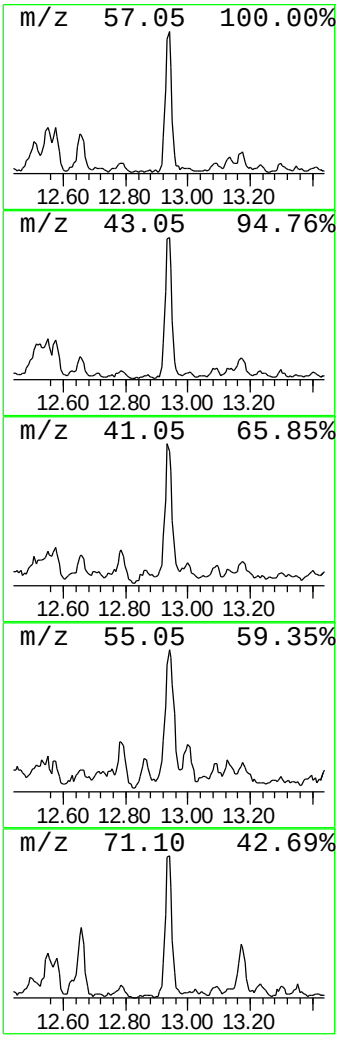
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.94 ug/L	324296	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	78
2	1-Eicosanol	298	C20H42O	000629-96-9	72
3	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	58
4	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	53
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004445.D
Acq On : 03 Aug 2018 13:34
Operator : SY/AP
Sample : J4299-04
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.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: Cyc...	1.95	5.4	ug/L	459400	1	8.85	2137820	25.0
(DEL) Alkane: Cyc...	2.45	1.5	ug/L	128186	1	8.85	2137820	25.0
3-Methyl-3-isopro...	3.39	1.3	ug/L	113264	1	8.85	2137820	25.0
(DEL) Alkane: Str...	11.85	2.1	ug/L	232857	2	11.63	2760520	25.0
(DEL) Alkane: Cyc...	12.15	1.4	ug/L	159191	2	11.63	2760520	25.0
(DEL) Alkane: Str...	12.94	2.9	ug/L	324296	3	13.57	2758080	25.0