LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

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\SOM2WLM073019S.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	6	9	20	rVB2	5200	12227	0.59%	0.078%
2	2.148	37	40	45	rBV	3394	6217	0.30%	0.040%
3	2.349	66	73	82	rBV	81186	149701	7.27%	0.957%
4	2.459	87	91	94	rBV5	2000	2755	0.13%	0.018%
5	2.885	154	161	174	rBV	58223	144398	7.01%	0.923%
6	3.239	216	219	221	rBV4	751	875	0.04%	0.006%
7	3.263	221	223	226	rVV4	763	912	0.04%	0.006%
8	3.593	272	277	287	rVV10	1984	5759	0.28%	0.037%
9	3.861	314	321	327	rBV7	3679	10300	0.50%	0.066%
10	4.013	335	346	362	rBV	136061	432045	20.99%	2.761%
11	4.330	396	398	402	rVB3	612	761	0.04%	0.005%
12	4.416	404	412	413	rBV4	1434	2655	0.13%	0.017%
13	4.794	472	474	477	rBV2	464	588	0.03%	0.004%
14	4.916	483	494	508	rBV3	9139	34646	1.68%	0.221%
15	5.385	568	571	573	rVV3	573	703	0.03%	0.004%
16	5.452	579	582	586	rVB4	688	987	0.05%	0.006%
17	5.745	627	630	631	rBV2	856	753	0.04%	0.005%
18	5.940	649	662	671	rBV5	5145	16687	0.81%	0.107%
19	6.287	717	719	722	rVV3	628	970	0.05%	0.006%
20	6.336	725	727	729	rVV2	560	552	0.03%	0.004%
21	6.427	739	742	746	rBV4	488	689	0.03%	0.004%
22	6.592	767	769	775	rVB5	684	1342	0.07%	0.009%
23	6.641	775	777	780	rBV2	453	599	0.03%	0.004%
24	6.732	788	792	795	rBV5	652	949	0.05%	0.006%
25	6.787	799	801	805	rVB3	572	660	0.03%	0.004%
26	6.903	817	820	825	rBV5	805	1466	0.07%	0.009%
27	6.940	825	826	830	rVB2	892	654	0.03%	0.004%
28	7.080	840	849	856	rBV	55647	155560	7.56%	0.994%
29	7.165	856	863	878	rVB	138214	382874	18.60%	2.447%
30	7.421	904	905	910	rVB4	626	735	0.04%	0.005%
31	7.574	929	930	932	rBV	779	783	0.04%	0.005%
32	7.647	932	942	955	rVV	203544	505148	24.54%	3.228%
33	7.952	986	992	997	rVB8	1434	3589	0.17%	0.023%
34	8.171	1026	1028	1033	rVB6	457	658	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

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\SOM2WLM073019S.M
Title : VOC Analysis

35	8.275	1034	1045	1060	rBV2	436655	1291232	62.73%	8.251%
36	8.403	1063	1066	1072	rVB5	1015	1746	0.08%	0.011%
37	8.689	1109	1113	1117	rBV6	1056	2107	0.10%	0.013%
38	8.842	1123	1138	1151	rBV	458497	913813	44.39%	5.840%
39	8.927	1151	1152	1155	rVB3	1042	667	0.03%	0.004%
40	9.049	1165	1172	1173	rBV4	3424	6339	0.31%	0.041%
41	9.274	1200	1209	1219	rBV	303190	614295	29.84%	3.926%
42	9.415	1230	1232	1235	rBV4	772	839	0.04%	0.005%
43	9.659	1267	1272	1280	rVV5	3133	6167	0.30%	0.039%
44	9.817	1297	1298	1302	rVB3	559	547	0.03%	0.003%
45	9.848	1302	1303	1307	rBV2	508	636	0.03%	0.004%
46	9.963	1317	1322	1327	rBV5	1289	3048	0.15%	0.019%
47	10.037	1327	1334	1341	rVV	163058	290849	14.13%	1.859%
48	10.213	1357	1363	1372	rBV2	10329	21804	1.06%	0.139%
49	10.323	1373	1381	1388	rVV	595743	1040743	50.56%	6.651%
50	10.390	1388	1392	1398	rVB2	10295	18858	0.92%	0.121%
51	10.506	1405	1411	1416	rBV2	6867	11574	0.56%	0.074%
52	10.579	1416	1423	1435	rVV	106618	188513	9.16%	1.205%
53	10.707	1437	1444	1452	rVV	45303	83608	4.06%	0.534%
54	10.768	1452	1454	1457	rVB4	939	755	0.04%	0.005%
55	10.847	1463	1467	1473	rVB8	2117	3840	0.19%	0.025%
56	10.927	1473	1480	1493	rBV	200653	342557	16.64%	2.189%
57	11.073	1500	1504	1514	rVB8	4381	9771	0.47%	0.062%
58	11.177	1516	1521	1526	rBV2	6299	11571	0.56%	0.074%
59	11.231	1526	1530	1535	rVB5	4847	8924	0.43%	0.057%
60	11.292	1535	1540	1541	rBV4	1473	2068	0.10%	0.013%
61	11.347	1543	1549	1551	rBV5	4647	9621	0.47%	0.061%
62	11.530	1554	1579	1582	rBV4	89936	474259	23.04%	3.031%
63	11.634	1590	1596	1608	rVB	627520	1118996	54.36%	7.151%
64	11.841	1621	1630	1639	rBV3	214684	394124	19.15%	2.519%
65	11.920	1639	1643	1648	rVB2	22344	37944	1.84%	0.242%
66	12.061	1662	1666	1671	rVB2	8945	15547	0.76%	0.099%
67	12.140	1672	1679	1690	rBV3	46525	143010	6.95%	0.914%
68	12.250	1693	1697	1702	rVB	54595	80977	3.93%	0.517%
69	12.304	1702	1706	1708	rBV2	16397	27458	1.33%	0.175%
70	12.384	1708	1719	1728	rVB7	63763	194731	9.46%	1.244%
71	12.457	1728	1731	1734	rBV3	10188	16794	0.82%	0.107%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

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\SOM2WLM073019S.M
Title : VOC Analysis

72	12.518	1736	1741	1742	rBV2	20909	35506	1.72%	0.227%
73	12.542	1742	1745	1747	rBV	35417	41710	2.03%	0.267%
74	12.609	1752	1756	1760	rVV	46359	83194	4.04%	0.532%
75	12.652	1760	1763	1765	rVV	49986	63566	3.09%	0.406%
76	12.695	1765	1770	1776	rVB	232203	374898	18.21%	2.396%
77	12.780	1781	1784	1791	rVB3	32530	59885	2.91%	0.383%
78	12.865	1791	1798	1801	rBV4	39671	80565	3.91%	0.515%
79	12.932	1802	1809	1815	rVV	705000	1169088	56.79%	7.471%
80	12.993	1815	1819	1824	rVB2	56125	90444	4.39%	0.578%
81	13.079	1829	1833	1836	rBV	33980	49937	2.43%	0.319%
82	13.164	1843	1847	1854	rVB	133158	207977	10.10%	1.329%
83	13.347	1873	1877	1880	rBV	32486	46095	2.24%	0.295%
84	13.444	1888	1893	1897	rBV4	76773	155714	7.56%	0.995%
85	13.487	1897	1900	1903	rVV	78141	106322	5.17%	0.679%
86	13.524	1903	1906	1907	rVV	56499	72789	3.54%	0.465%
87	13.560	1907	1912	1919	rVV	690816	1170680	56.87%	7.481%
88	13.627	1919	1923	1928	rVB2	92896	143735	6.98%	0.919%
89	13.871	1954	1963	1968	rBV2	1002814	2058463	100.00%	13.154%
90	14.200	2012	2017	2023	rBV7	23022	48152	2.34%	0.308%
91	14.432	2052	2055	2062	rVB4	33726	57344	2.79%	0.366%
92	14.499	2062	2066	2070	rVV2	30949	45955	2.23%	0.294%
93	14.548	2071	2074	2079	rVB5	20370	33337	1.62%	0.213%
94	14.725	2098	2103	2109	rVB2	65431	97533	4.74%	0.623%
95	14.792	2110	2114	2130	rVB6	20087	65847	3.20%	0.421%
96	15.414	2214	2216	2217	rBV2	2603	1743	0.08%	0.011%
97	15.499	2226	2230	2236	rVB	6023	9594	0.47%	0.061%
98	15.804	2277	2280	2285	rVB6	3418	4703	0.23%	0.030%
99	16.499	2392	2394	2397	rVB4	2146	1965	0.10%	0.013%
100	16.779	2438	2440	2441	rBV2	1534	1418	0.07%	0.009%

Sum of corrected areas: 15648688

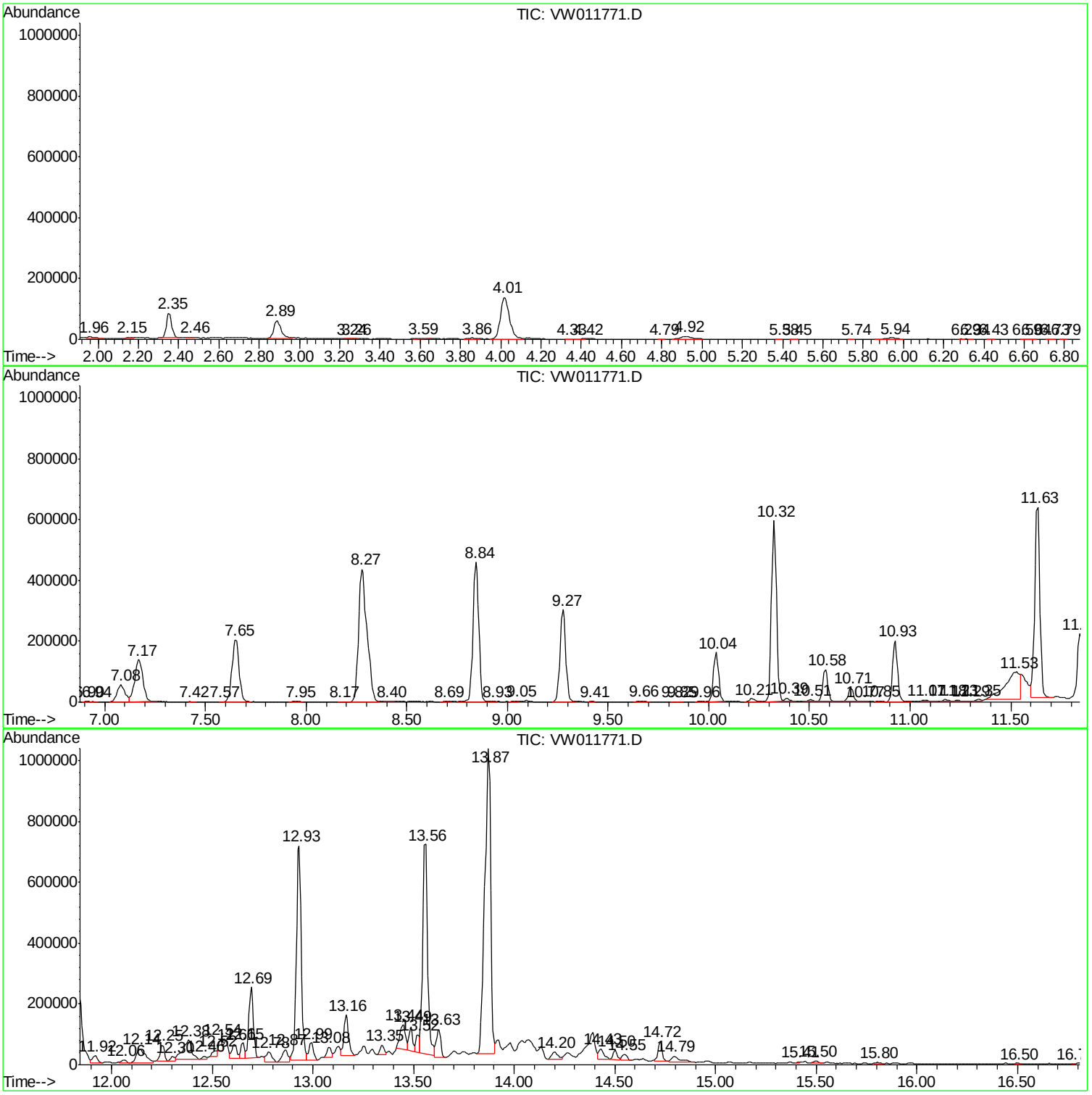
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

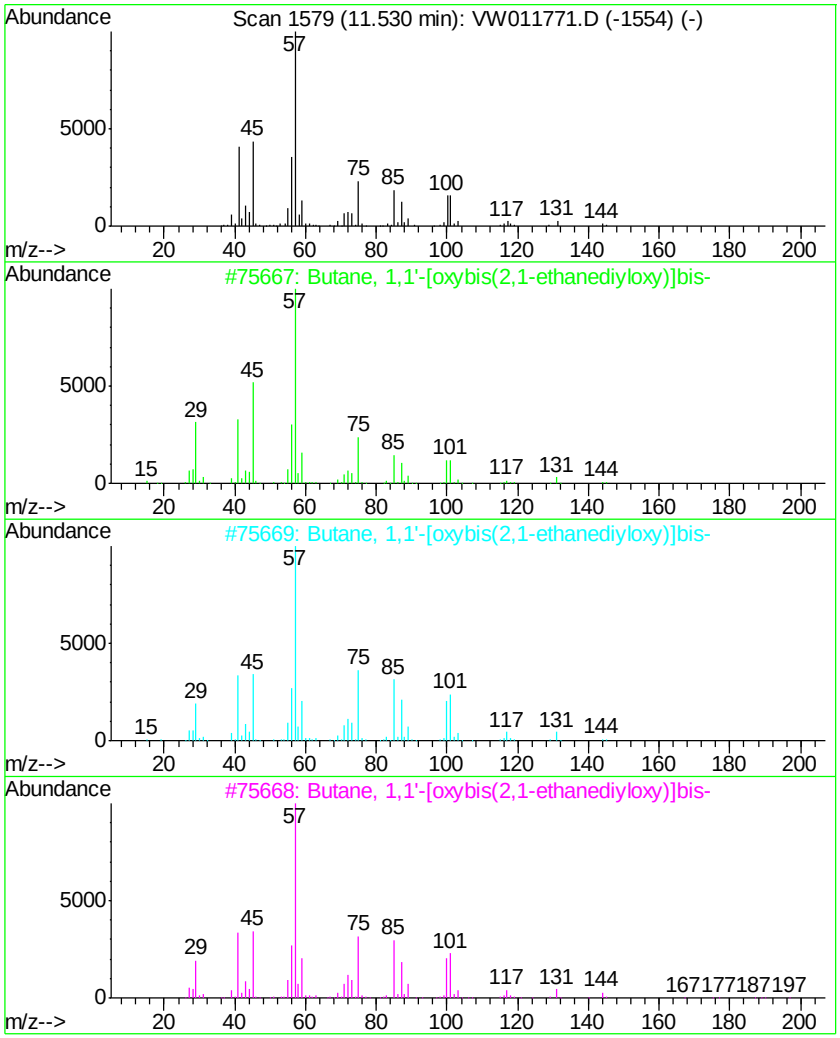
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

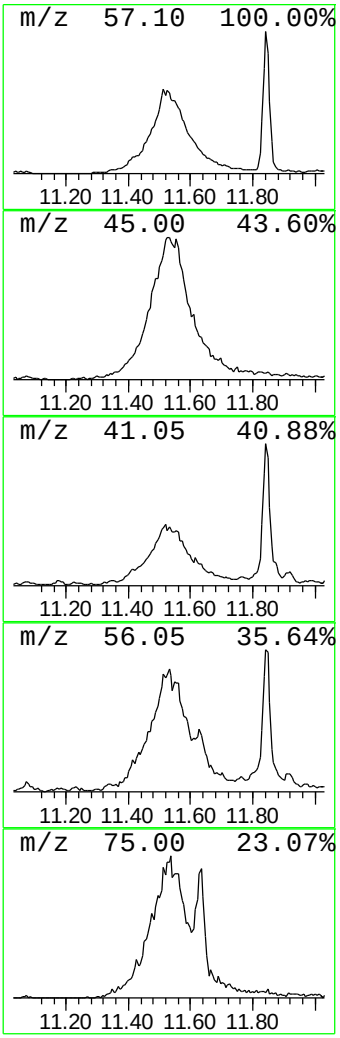
****

Peak Number 3 Butane, 1,1'-[oxybis(2,1-et... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	10.60 ug/L	474259	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	91
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	68
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	58
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	43
5	Sulfurous acid, bis(1-methylprop...	194	C8H18O3S	024769-51-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

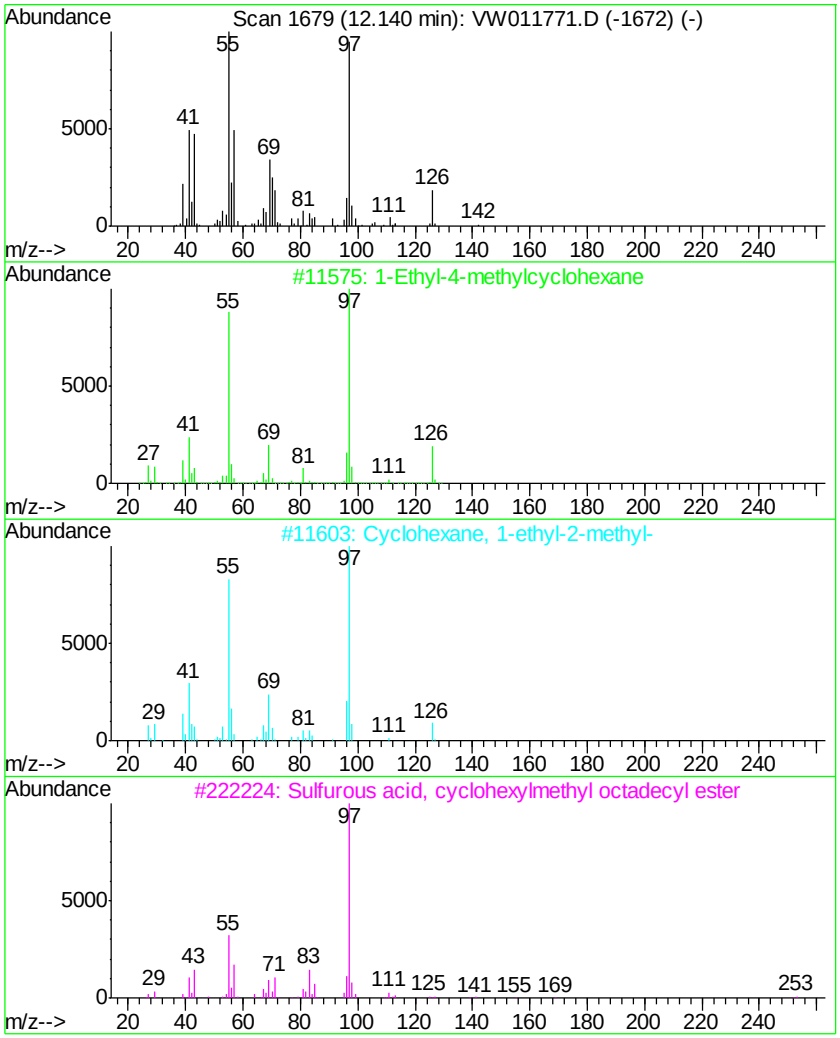
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

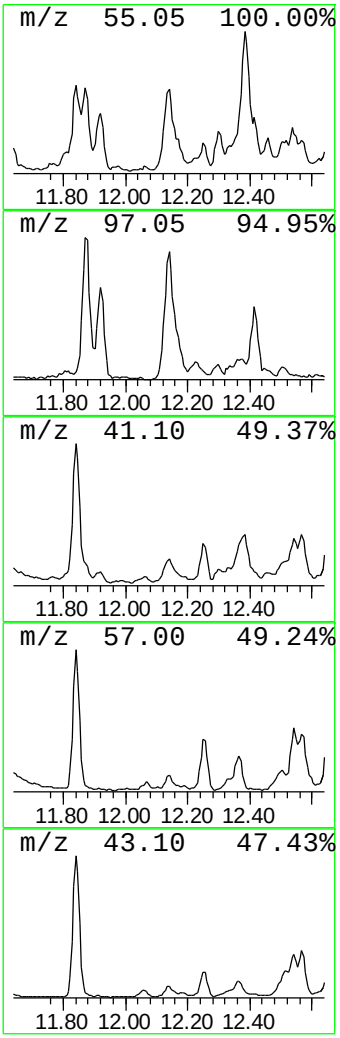
****

Peak Number 4 (DEL) Alkane: Cyclic12.14 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.20 ug/L	143010	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	81
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	80
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

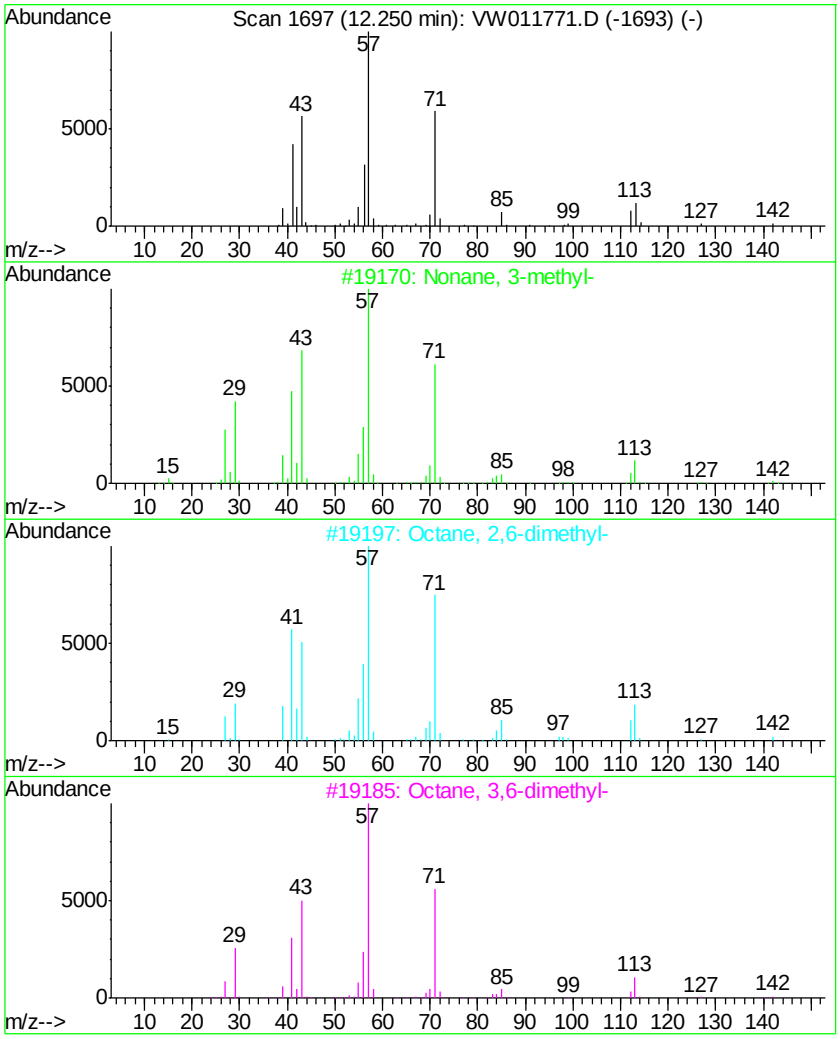
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

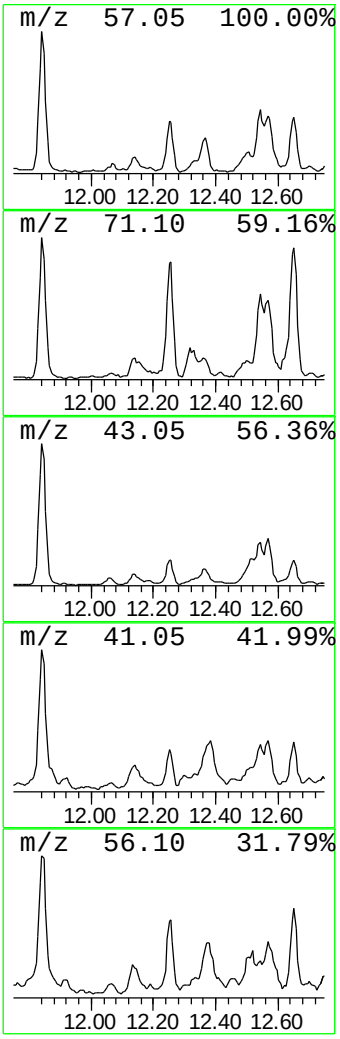
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	1.81 ug/L	80977	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

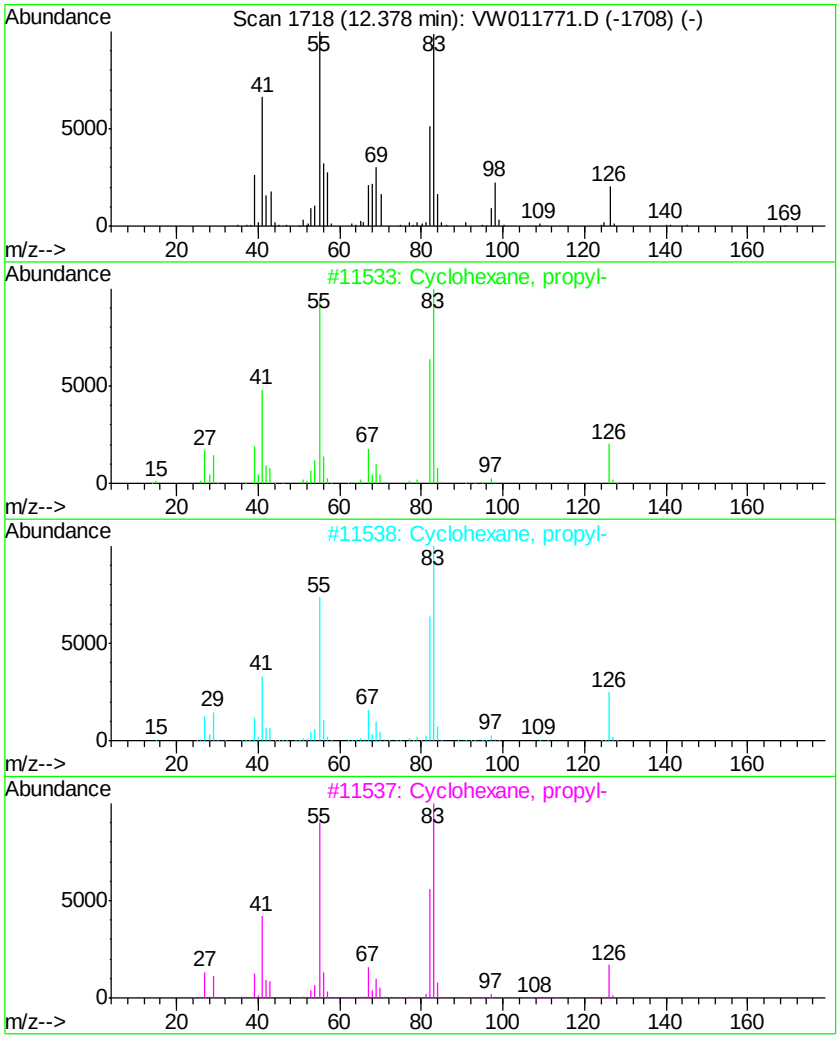
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

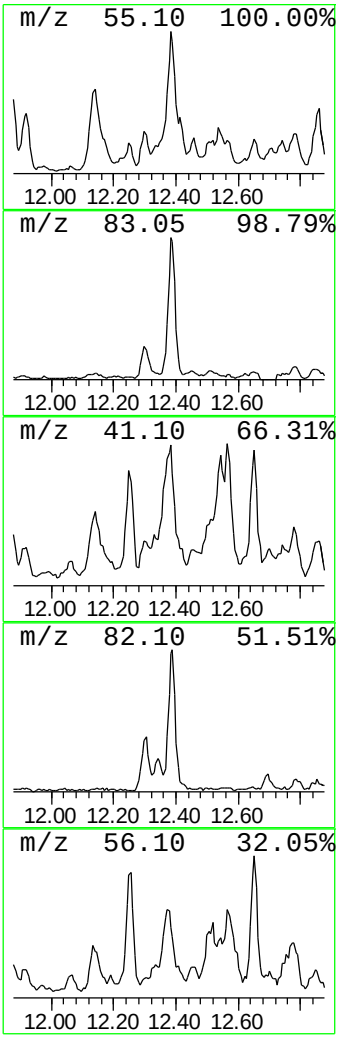
****

Peak Number 6 (DEL) Alkane: Cyclic12.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.35 ug/L	194731	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	91
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

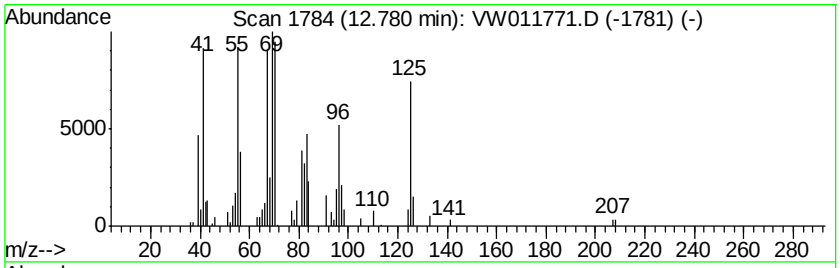
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

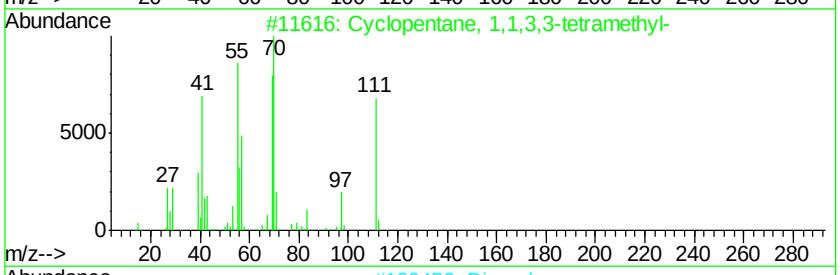
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

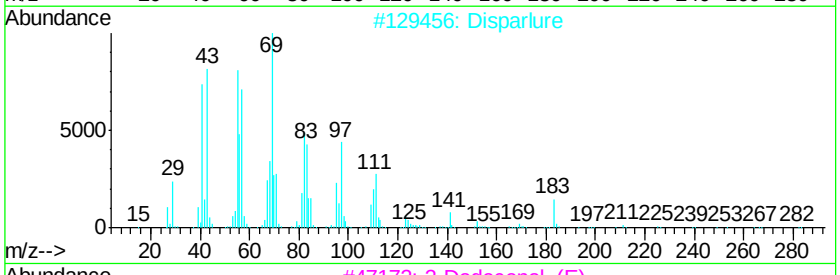
****
Peak Number 8 (DEL) Alkane: Cyclic12.78 Concentration Rank 17

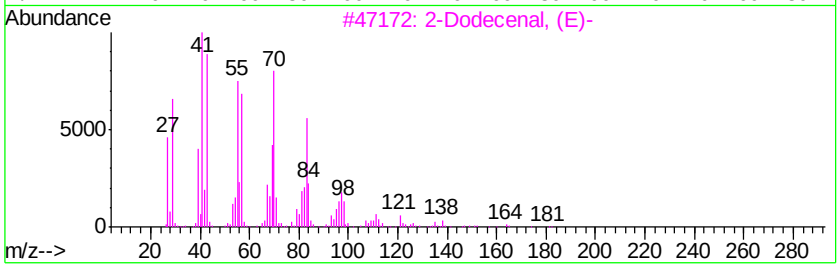
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.28 ug/L	59885	1,4-Dichlorobenzene-d4	13.56

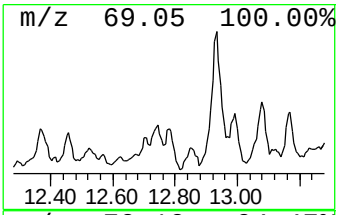
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	35
2	Disparlure	282	C19H38O	029804-22-6	27
3	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	22
4	4-Undecene, (E)-	154	C11H22	000693-62-9	22
5	3-Dodecene, (Z)-	168	C12H24	007239-23-8	22

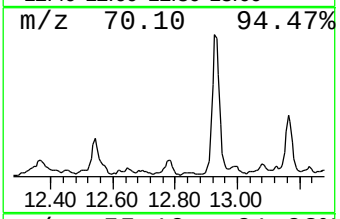


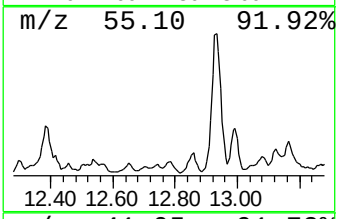


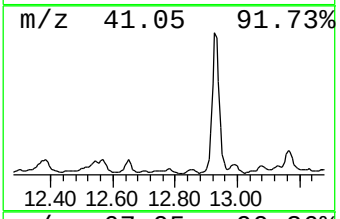


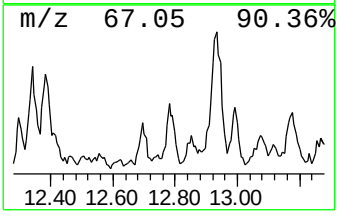












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

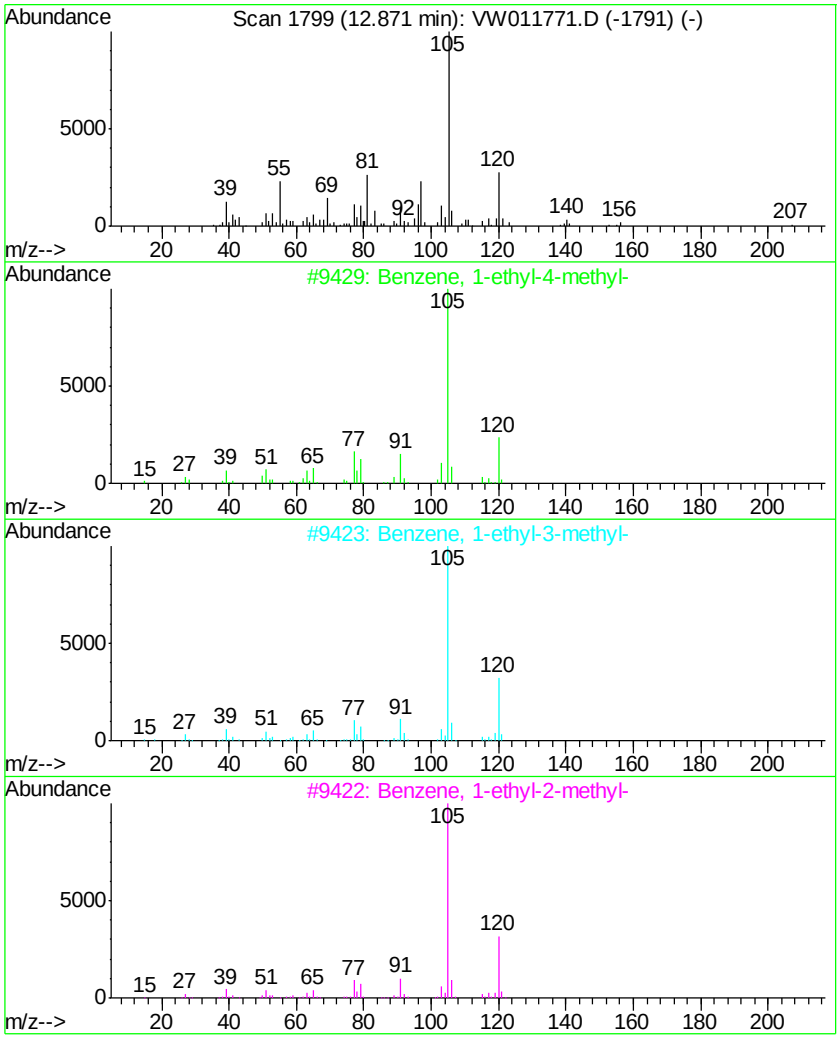
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

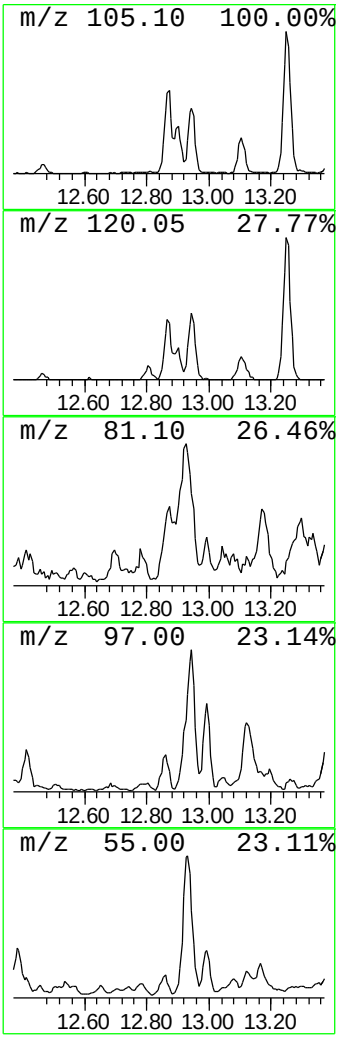
****

Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.72 ug/L	80565	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	55
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

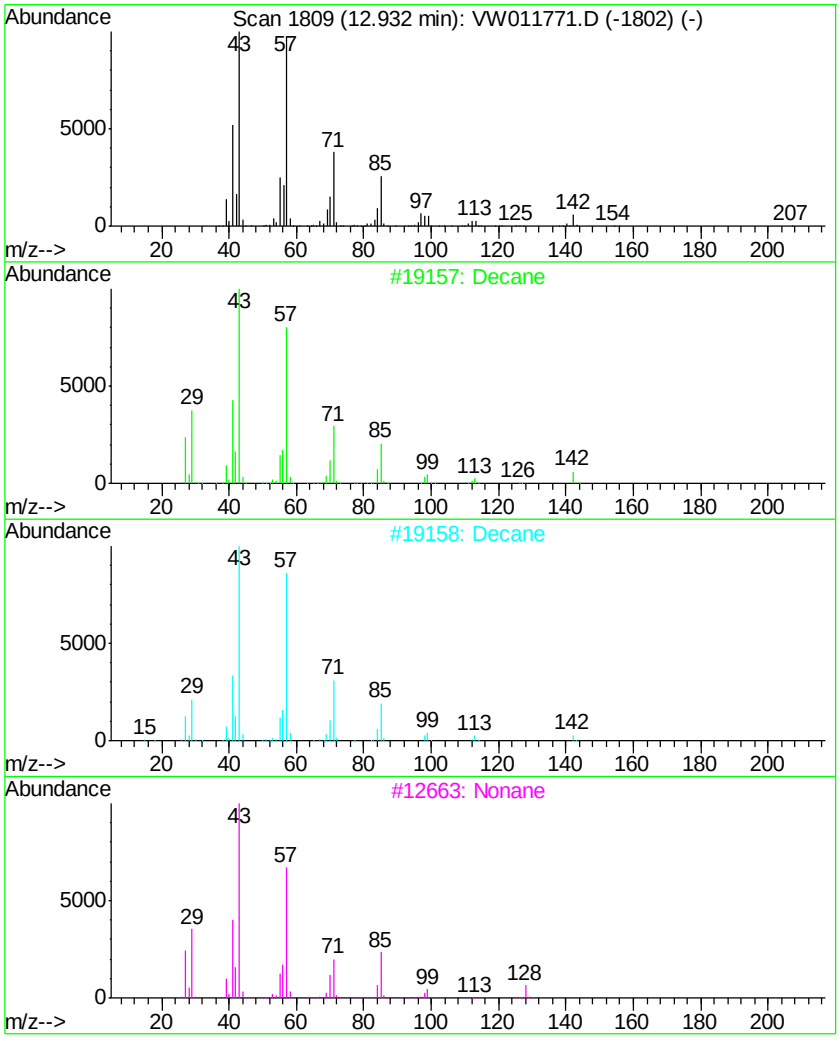
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

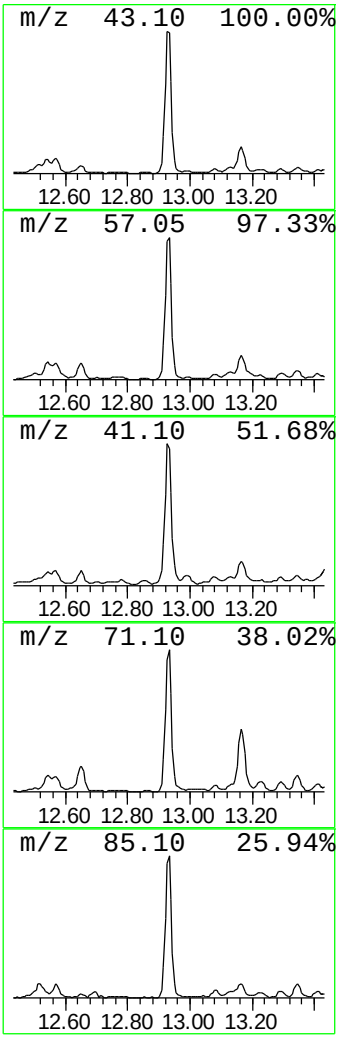
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	24.97 ug/L	1169090	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	97
2	Decane	142	C10H22	000124-18-5	95
3	Nonane	128	C9H20	000111-84-2	86
4	Nonane	128	C9H20	000111-84-2	86
5	Decane	142	C10H22	000124-18-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

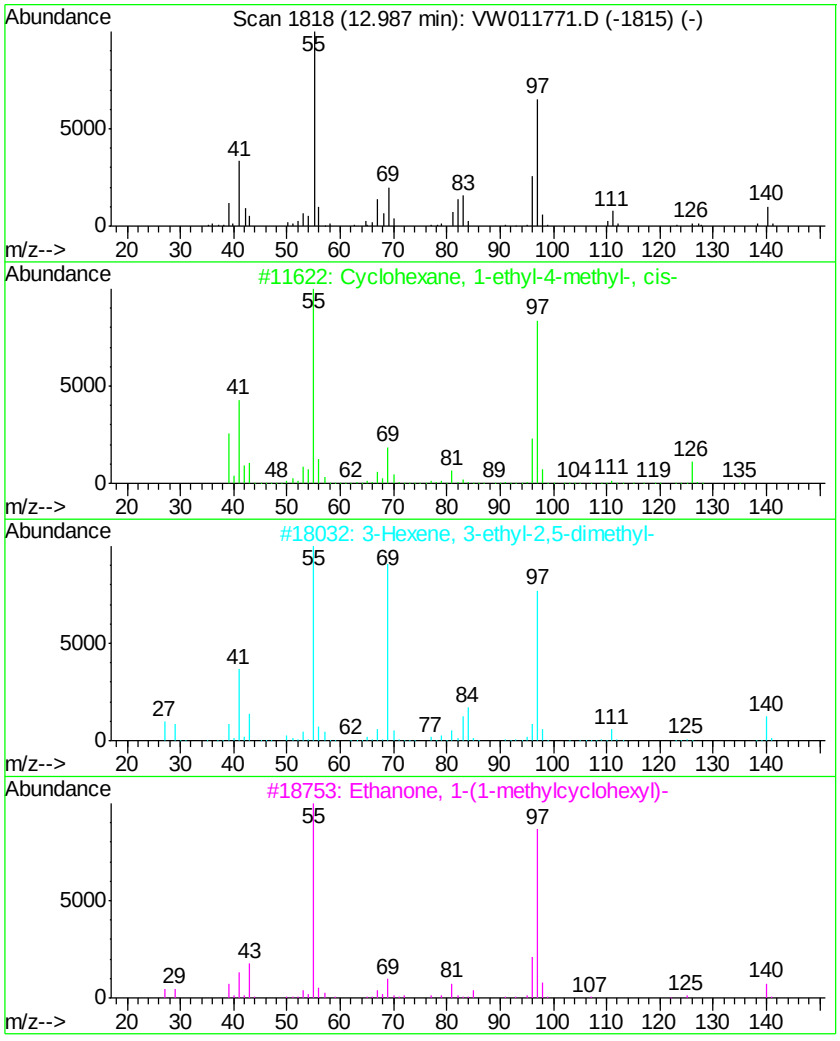
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

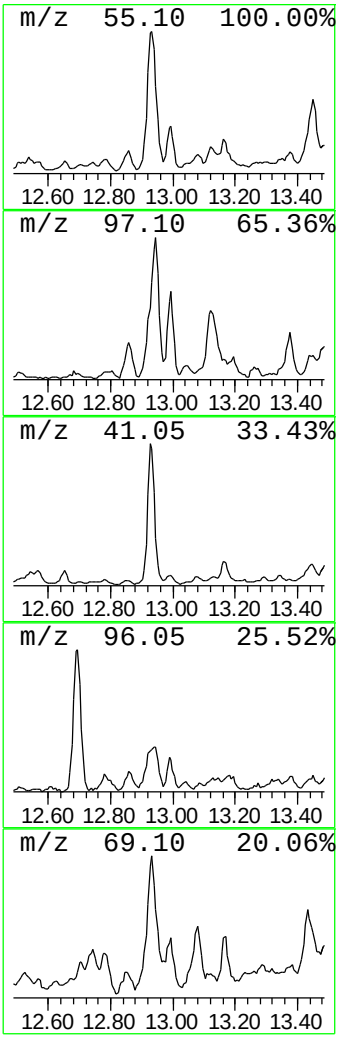
****

Peak Number 11 (DEL) Alkane: Cyclic12.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	1.93 ug/L	90444	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	53
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
4	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

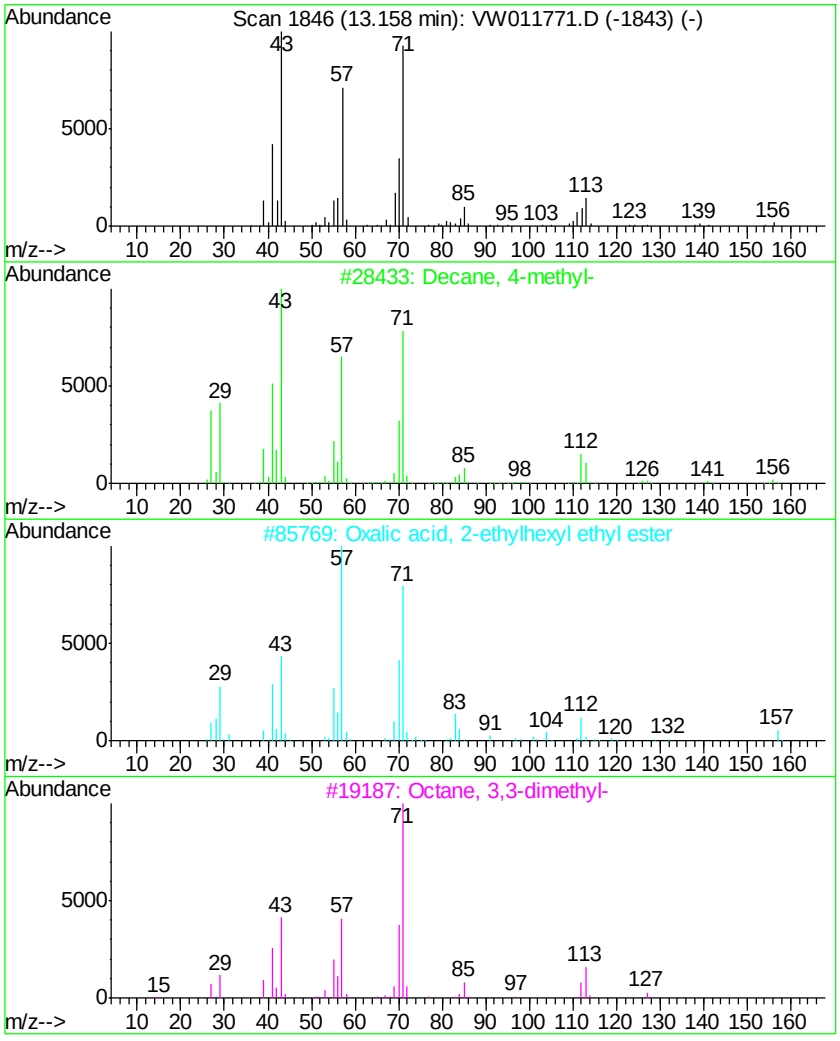
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

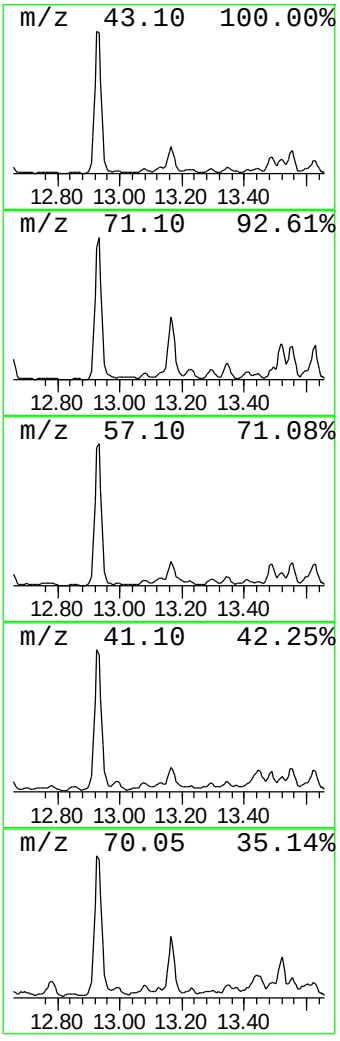
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.44 ug/L	207977	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
5	Decane, 4-methyl-	156	C11H24	002847-72-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

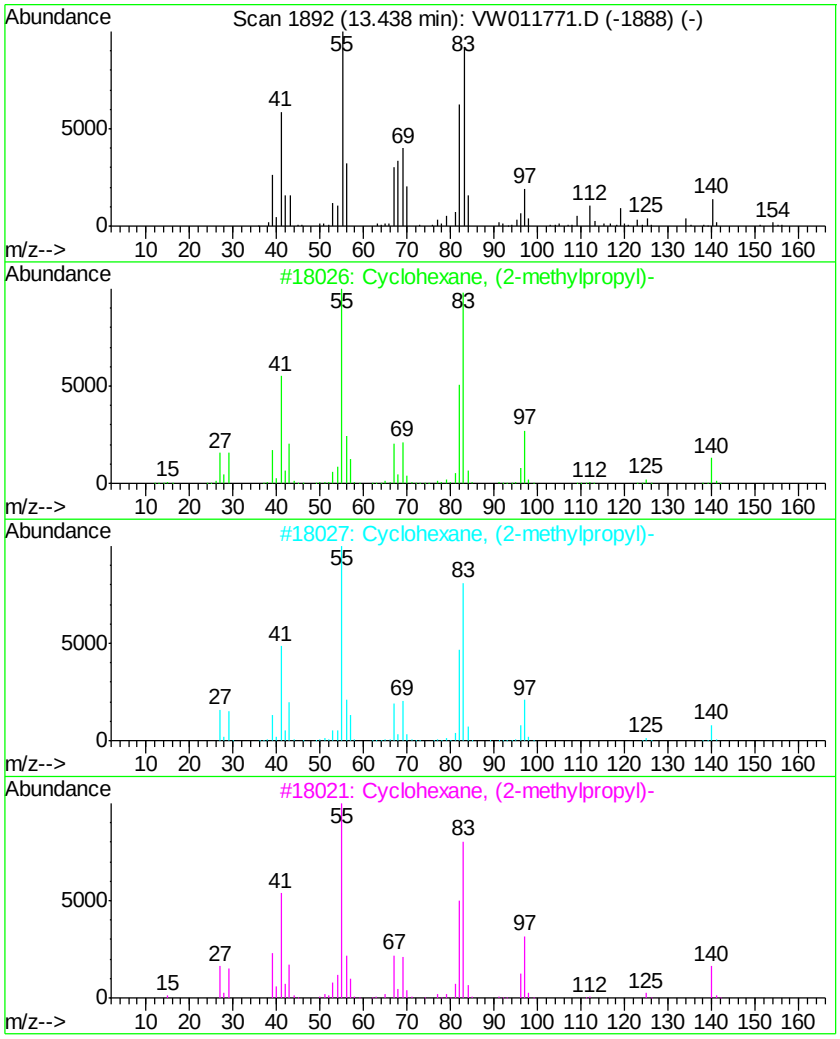
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

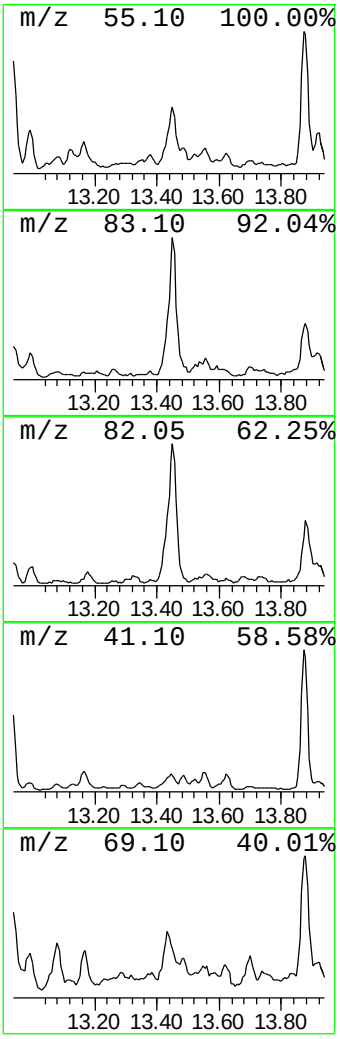
****

Peak Number 13 (DEL) Alkane: Cyclic13.44 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.33 ug/L	155714	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	87
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

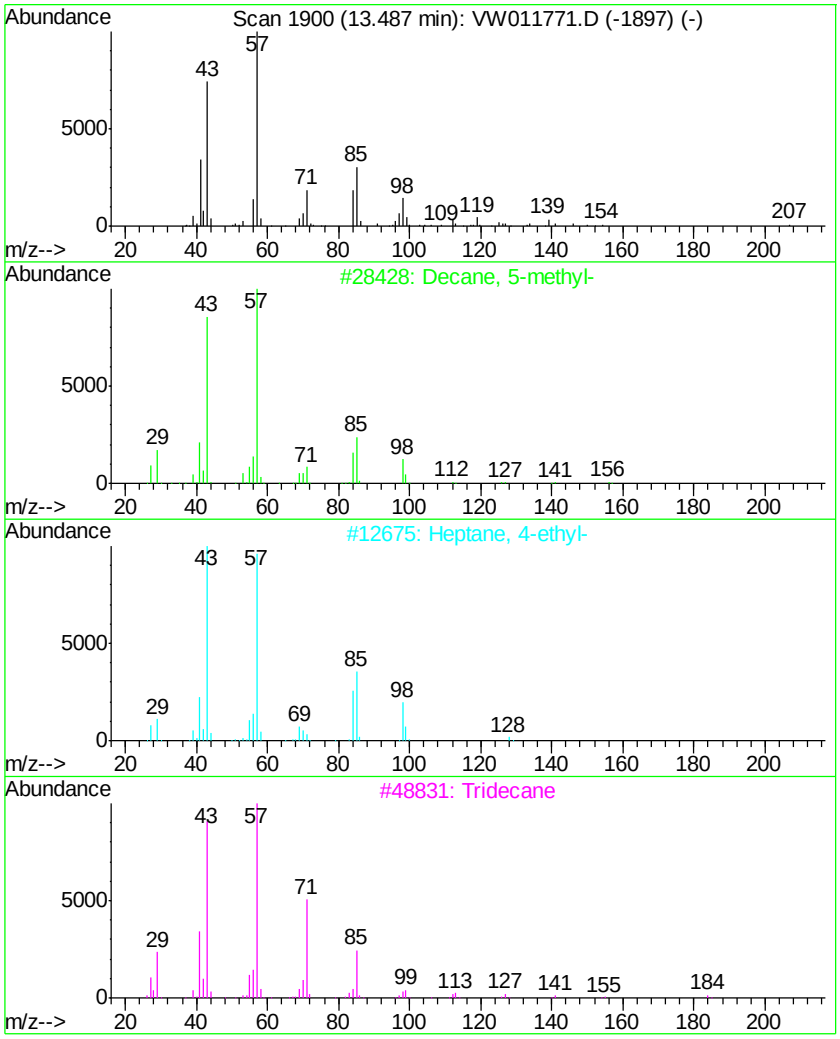
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

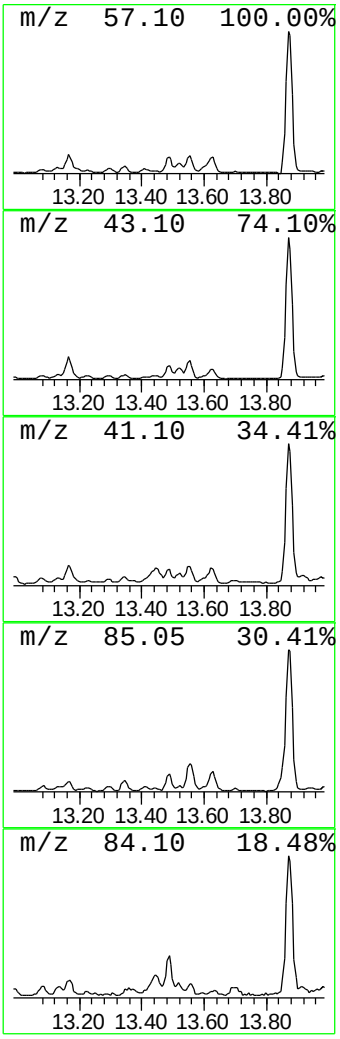
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.27 ug/L	106322	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
3	Tridecane	184	C13H28	000629-50-5	50
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

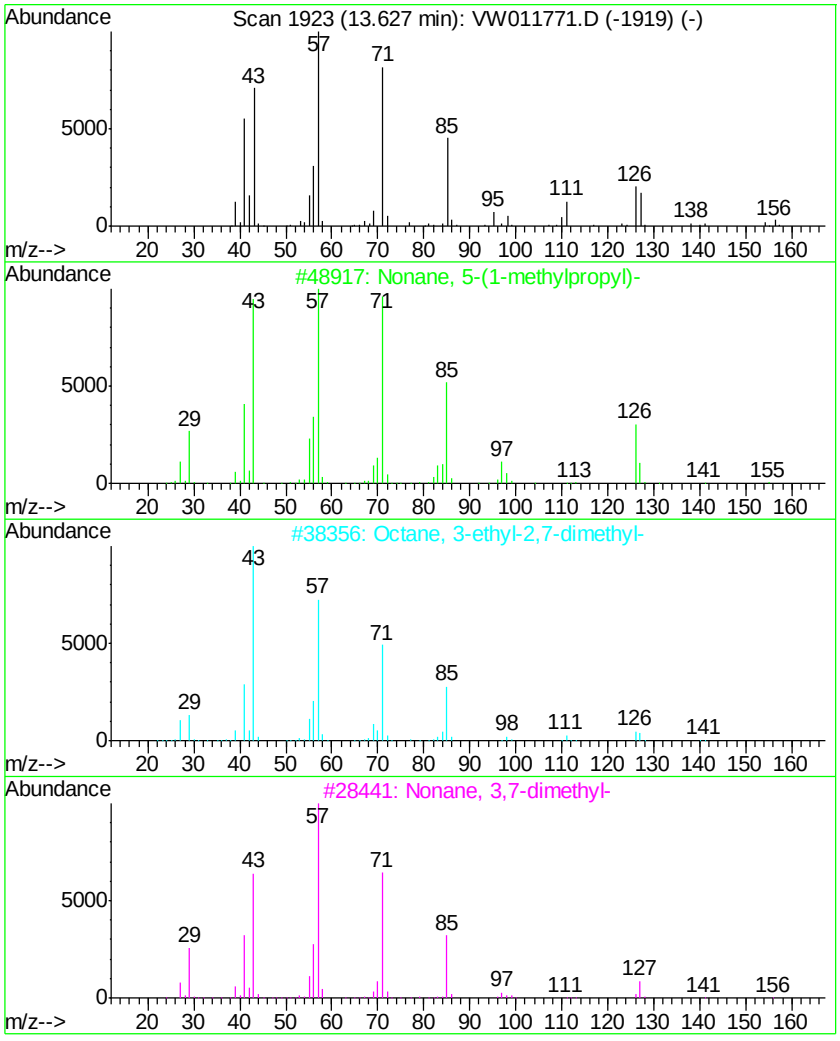
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

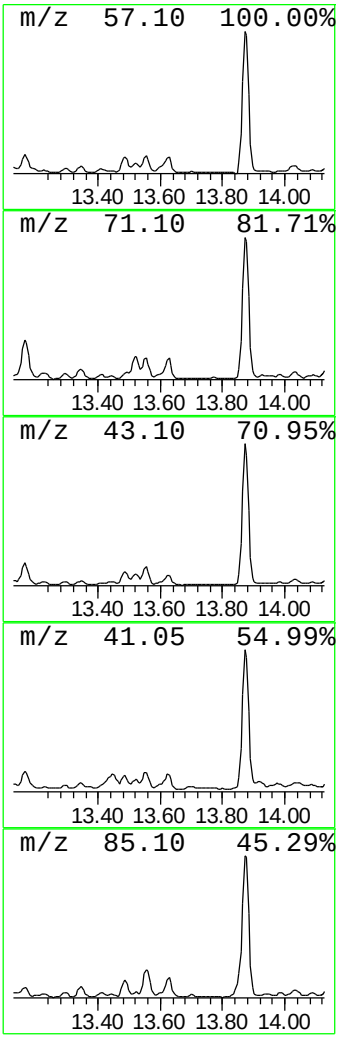
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.07 ug/L	143735	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	78
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

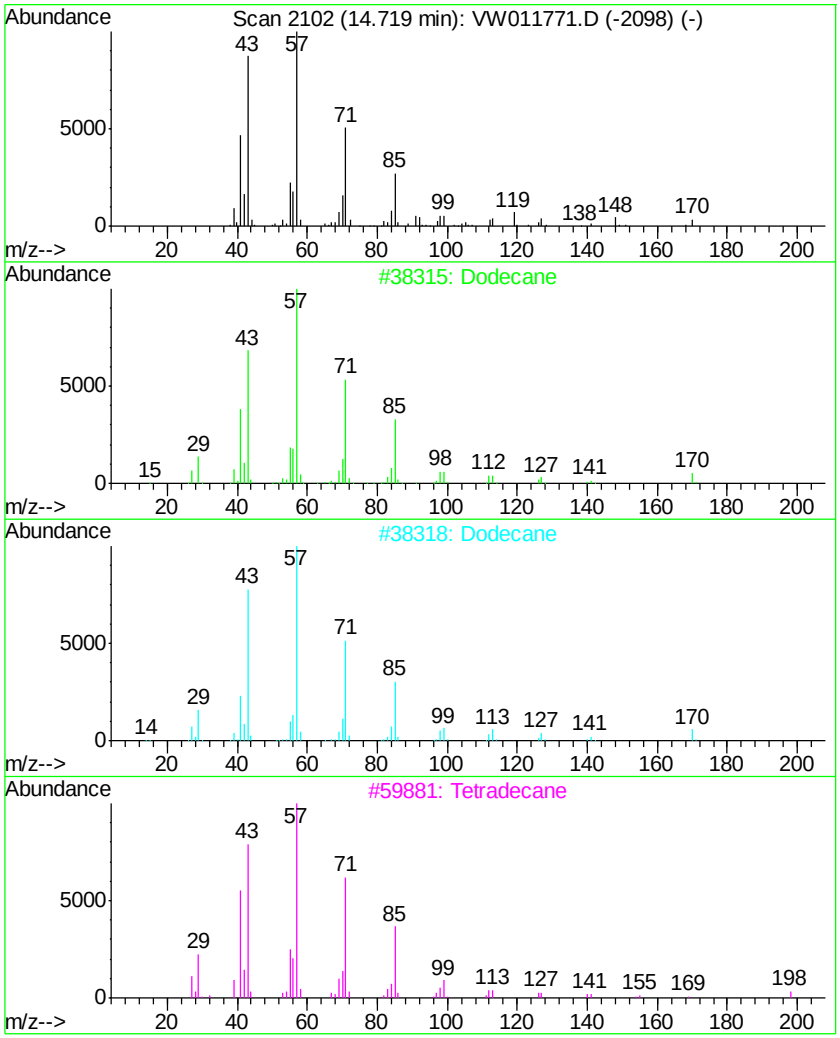
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

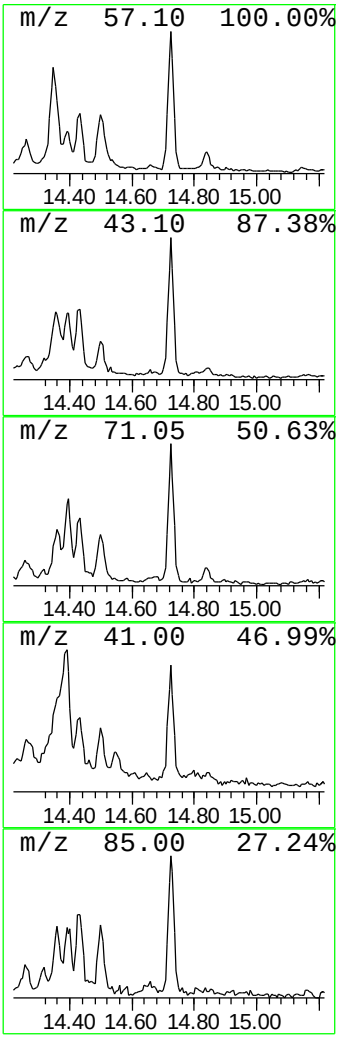
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.08 ug/L	97533	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Dodecane	170	C12H26	000112-40-3	87
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane	170	C12H26	000112-40-3	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

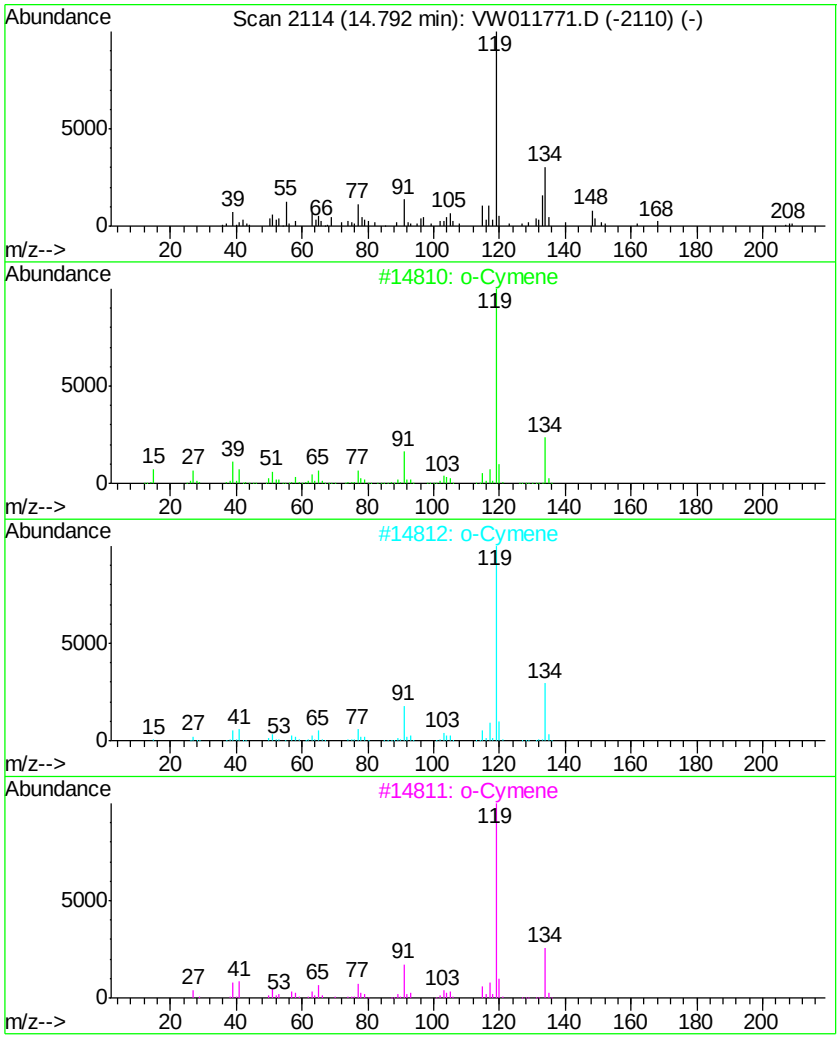
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

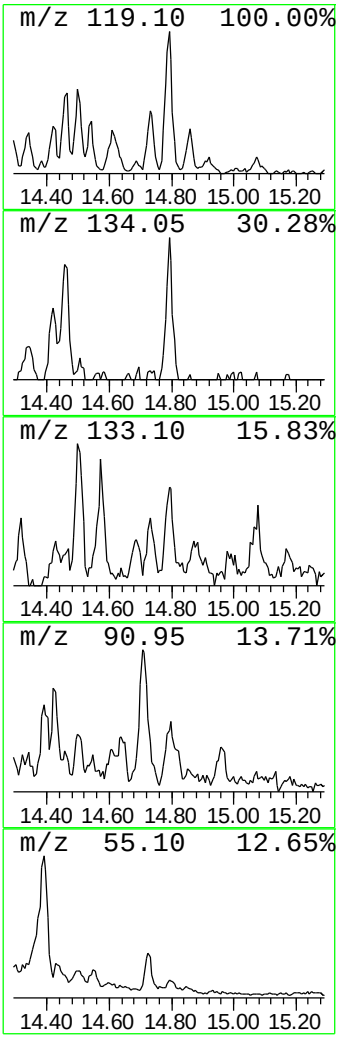
****

Peak Number 17 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	1.41 ug/L	65847	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	o-Cymene	134	C10H14	000527-84-4	76
3	o-Cymene	134	C10H14	000527-84-4	76
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011771.D
Acq On : 08 Aug 2019 13:23
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
Butane, 1,1'-[oxy...	11.53	10.6	ug/L	474259	2	11.63	1119000	25.0
(DEL) Alkane: Cyc...	12.14	3.2	ug/L	143010	2	11.63	1119000	25.0
(DEL) Alkane: Str...	12.25	1.8	ug/L	80977	2	11.63	1119000	25.0
(DEL) Alkane: Cyc...	12.38	4.3	ug/L	194731	2	11.63	1119000	25.0
(DEL) Alkane: Cyc...	12.78	1.3	ug/L	59885	3	13.56	1170680	25.0
Benzene, 1-ethyl-...	12.87	1.7	ug/L	80565	3	13.56	1170680	25.0
(DEL) Alkane: Str...	12.93	25.0	ug/L	1169090	3	13.56	1170680	25.0
(DEL) Alkane: Cyc...	12.99	1.9	ug/L	90444	3	13.56	1170680	25.0
(DEL) Alkane: Str...	13.16	4.4	ug/L	207977	3	13.56	1170680	25.0
(DEL) Alkane: Cyc...	13.44	3.3	ug/L	155714	3	13.56	1170680	25.0
(DEL) Alkane: Str...	13.49	2.3	ug/L	106322	3	13.56	1170680	25.0
(DEL) Alkane: Str...	13.63	3.1	ug/L	143735	3	13.56	1170680	25.0
(DEL) Alkane: Str...	14.72	2.1	ug/L	97533	3	13.56	1170680	25.0
o-Cymene	14.79	1.4	ug/L	65847	3	13.56	1170680	25.0