LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_D\METHOD\82D072120S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.962	507	517	529	rBV	22636	68476	4.42%	0.562%
2	7.914	1007	1019	1024	rBV2	183916	421531	27.18%	3.459%
3	7.979	1024	1030	1041	rVB	322182	722247	46.57%	5.927%
4	8.332	1081	1090	1098	rBV	139268	314283	20.26%	2.579%
5	8.861	1171	1180	1191	rBV	448549	937852	60.47%	7.697%
6	9.779	1328	1336	1343	rBV5	14215	30376	1.96%	0.249%
7	9.914	1352	1359	1366	rBV4	15512	32305	2.08%	0.265%
8	9.985	1366	1371	1374	rBV5	7675	15688	1.01%	0.129%
9	10.120	1386	1394	1398	rBV6	12453	28889	1.86%	0.237%
10	10.267	1413	1419	1424	rBV2	15460	30735	1.98%	0.252%
11	10.344	1424	1432	1446	rVV	733808	1372323	88.48%	11.263%
12	10.867	1516	1521	1527	rVB5	14994	24229	1.56%	0.199%
13	10.949	1531	1535	1544	rBV7	15350	30851	1.99%	0.253%
14	11.055	1548	1553	1561	rVB3	24815	56732	3.66%	0.466%
15	11.244	1581	1585	1593	rBV7	14328	29991	1.93%	0.246%
16	11.355	1599	1604	1607	rBV5	21625	36952	2.38%	0.303%
17	11.432	1609	1617	1629	rVV4	98679	294770	19.01%	2.419%
18	11.532	1629	1634	1644	rVB2	82343	168748	10.88%	1.385%
19	11.649	1646	1654	1661	rBV	776379	1366280	88.09%	11.213%
20	11.832	1681	1685	1690	rBV7	11367	20041	1.29%	0.164%
21	11.891	1690	1695	1700	rVV6	21300	35332	2.28%	0.290%
22	12.091	1723	1729	1733	rBV3	21563	37173	2.40%	0.305%
23	12.155	1735	1740	1746	rBV3	42200	80275	5.18%	0.659%
24	12.273	1755	1760	1766	rVB2	52342	93005	6.00%	0.763%
25	12.349	1768	1773	1778	rBV5	24230	57687	3.72%	0.473%
26	12.561	1794	1809	1811	rBV7	82871	269035	17.35%	2.208%
27	12.591	1812	1814	1816	rVV2	100296	129661	8.36%	1.064%
28	12.638	1816	1822	1833	rVB	753735	1422604	91.73%	11.675%
29	12.773	1842	1845	1849	rBV6	16570	32517	2.10%	0.267%
30	12.973	1872	1879	1880	rBV7	30136	62232	4.01%	0.511%
31	13.102	1898	1901	1905	rVB5	22391	31015	2.00%	0.255%
32	13.155	1906	1910	1913	rBV3	25695	31414	2.03%	0.258%
33	13.185	1913	1915	1918	rBV4	14670	16913	1.09%	0.139%
34	13.320	1934	1938	1943	rBV2	35976	61057	3.94%	0.501%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_D\METHOD\82D072120S.M
Title : SW846 8260

35	13.438	1943	1958	1961	rBV4	102928	300291	19.36%	2.464%
36	13.514	1967	1971	1974	rBV2	33931	36813	2.37%	0.302%
37	13.585	1974	1983	1988	rVV	929054	1550938	100.00%	12.728%
38	13.749	2006	2011	2014	rBV3	38274	65008	4.19%	0.534%
39	13.791	2014	2018	2022	rVB5	17024	20816	1.34%	0.171%
40	13.908	2033	2038	2040	rBV6	19791	29969	1.93%	0.246%
41	14.061	2058	2064	2069	rBV7	33209	64468	4.16%	0.529%
42	14.126	2069	2075	2081	rVB	134614	219306	14.14%	1.800%
43	14.238	2088	2094	2099	rVB3	54783	99816	6.44%	0.819%
44	14.320	2100	2108	2112	rBV8	19085	47328	3.05%	0.388%
45	14.390	2115	2120	2122	rBV6	20533	38655	2.49%	0.317%
46	14.449	2127	2130	2139	rVB	87201	145566	9.39%	1.195%
47	14.532	2139	2144	2153	rBV3	52333	94238	6.08%	0.773%
48	14.608	2153	2157	2159	rBV5	14232	17339	1.12%	0.142%
49	14.720	2172	2176	2181	rBV3	47255	83231	5.37%	0.683%
50	14.767	2182	2184	2187	rVV3	19336	21595	1.39%	0.177%
51	14.838	2188	2196	2201	rVV5	85584	208088	13.42%	1.708%
52	14.890	2201	2205	2211	rVB2	34663	66016	4.26%	0.542%
53	15.067	2230	2235	2236	rBV4	14927	19451	1.25%	0.160%
54	15.102	2236	2241	2246	rVB4	50823	93473	6.03%	0.767%
55	15.214	2255	2260	2272	rVB6	46959	121392	7.83%	0.996%
56	15.379	2282	2288	2292	rBV7	11801	23635	1.52%	0.194%
57	15.526	2308	2313	2315	rBV5	15336	27590	1.78%	0.226%
58	15.573	2316	2321	2331	rVB7	18751	45804	2.95%	0.376%
59	15.708	2337	2344	2351	rBV2	33452	70300	4.53%	0.577%
60	15.879	2362	2373	2383	rVB5	18440	66936	4.32%	0.549%
61	16.008	2391	2395	2400	rVB5	14873	26176	1.69%	0.215%
62	16.084	2401	2408	2413	rVB7	15180	39571	2.55%	0.325%
63	16.226	2424	2432	2436	rBV9	8425	19944	1.29%	0.164%
64	16.508	2473	2480	2486	rBV2	36671	71981	4.64%	0.591%
65	16.714	2506	2515	2522	rBV3	33372	85893	5.54%	0.705%

Sum of corrected areas: 12184846

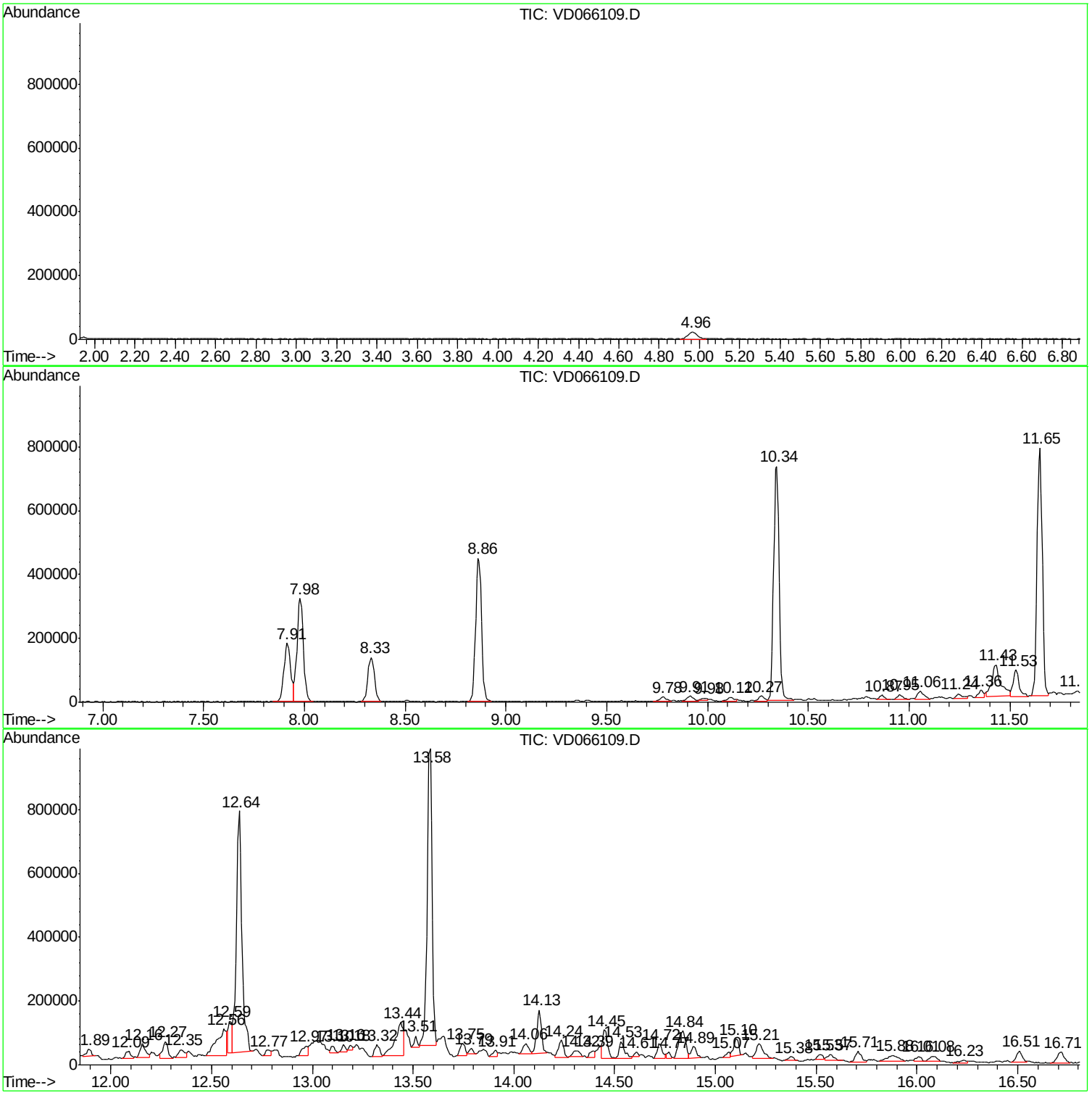
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

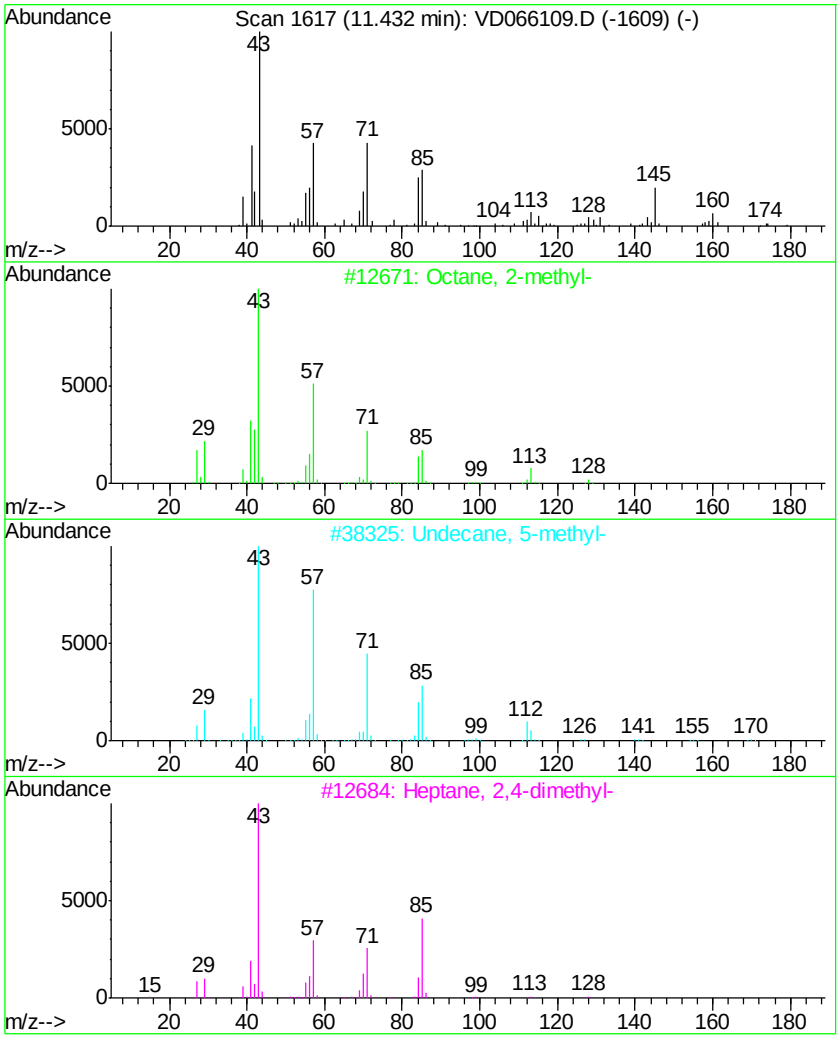
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

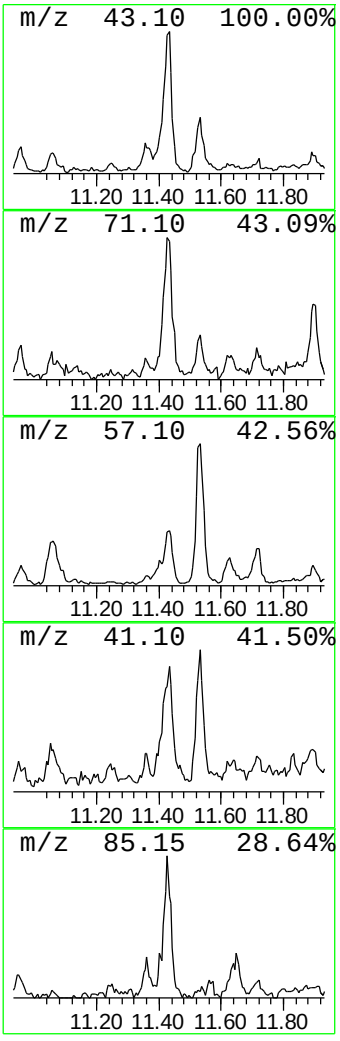
****

Peak Number 1 Octane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	10.79 ug/l	294770	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	62
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	49
4	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	47
5	Nonane	128	C9H20	000111-84-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

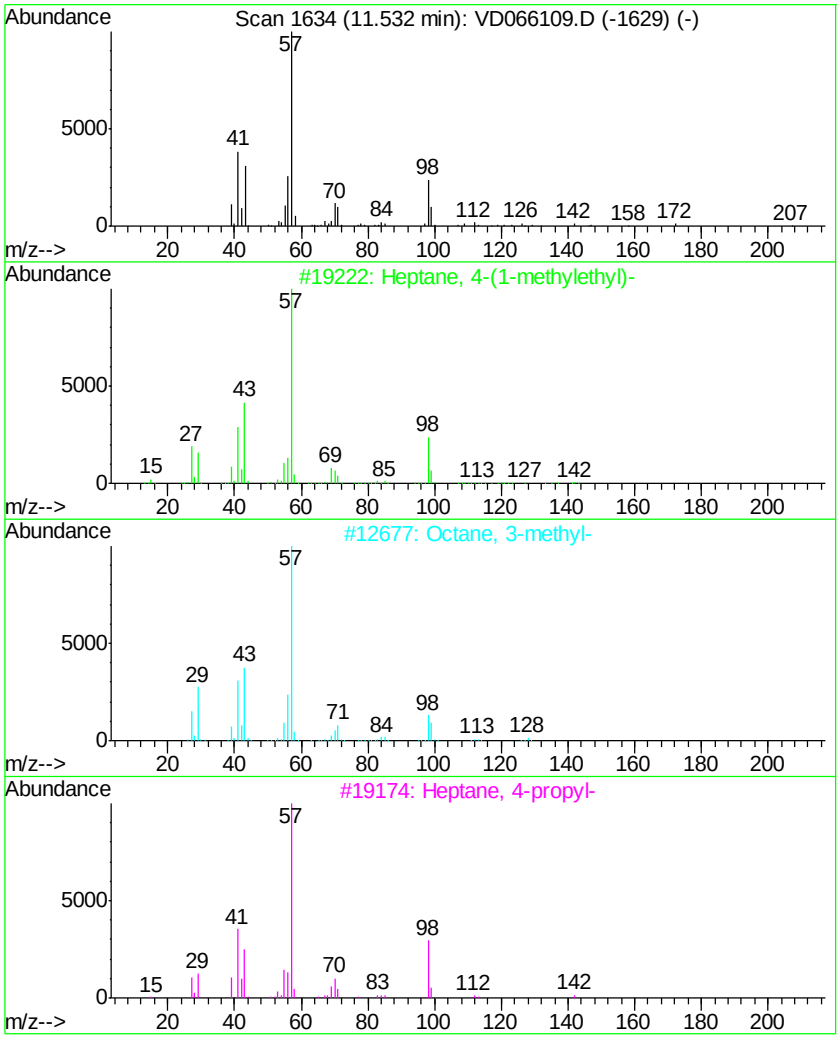
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

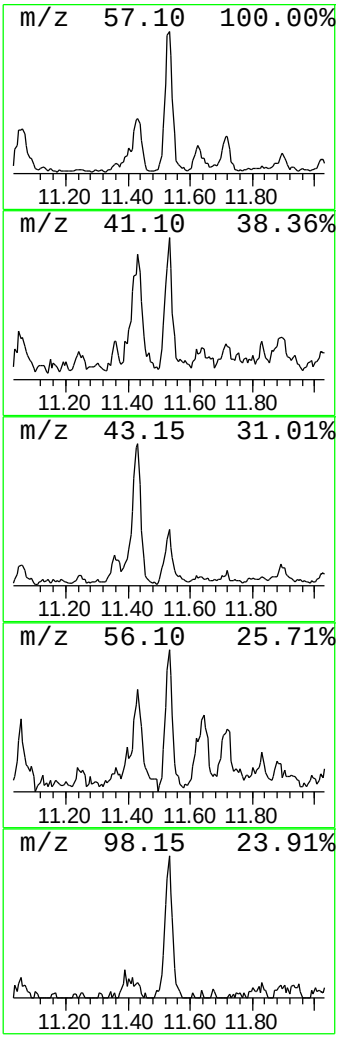
****

Peak Number 2 Heptane, 4-(1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	6.18 ug/l	168748	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	72
2	Octane, 3-methyl-	128	C9H20	002216-33-3	64
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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

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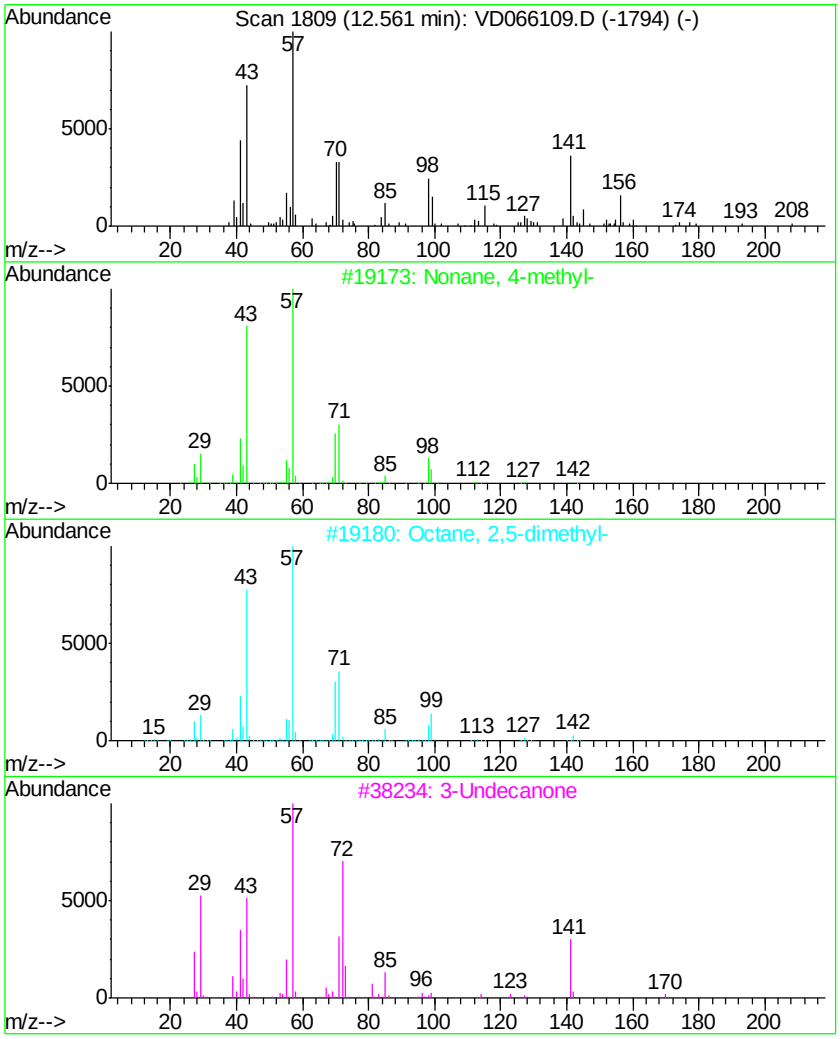
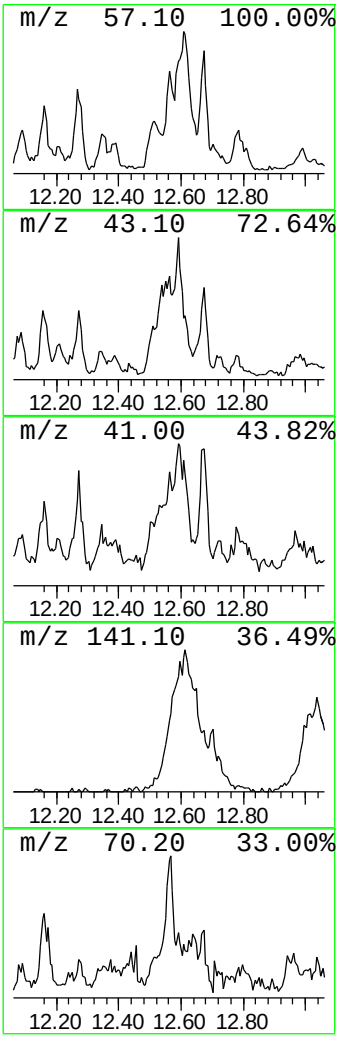
Peak Number 3 Nonane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	9.85 ug/l	269035	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	62
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	49
3	3-Undecanone	170	C11H22O	002216-87-7	38
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

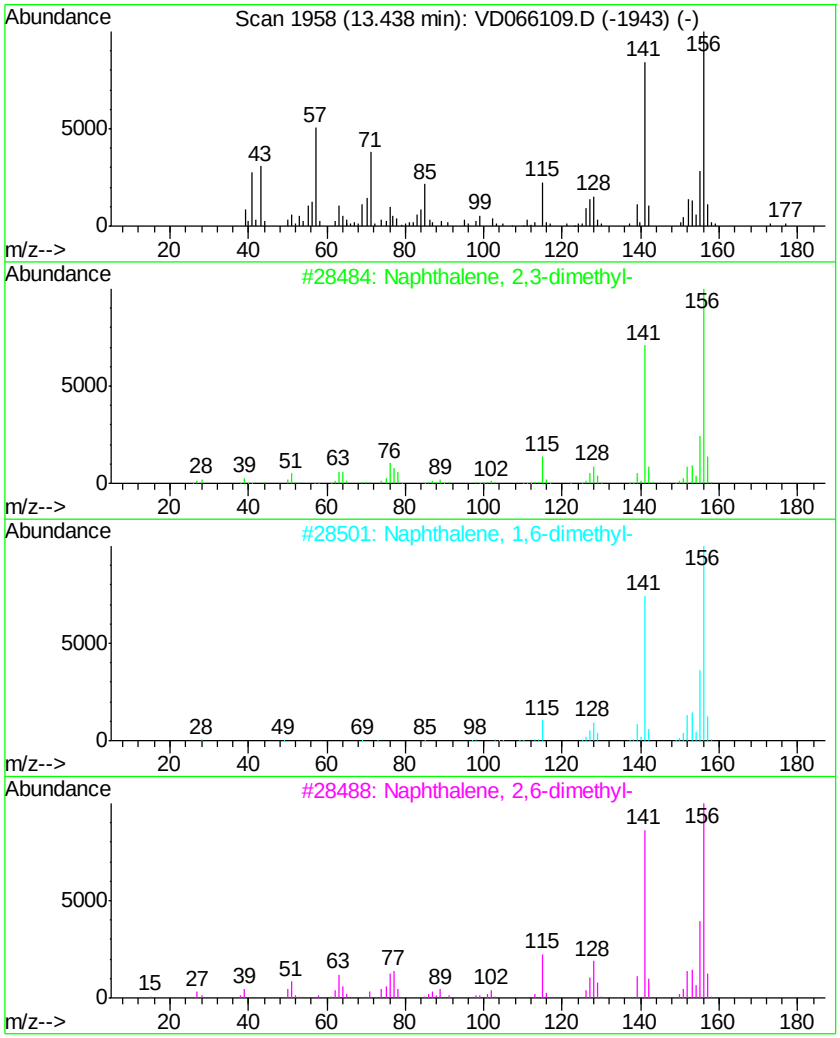
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

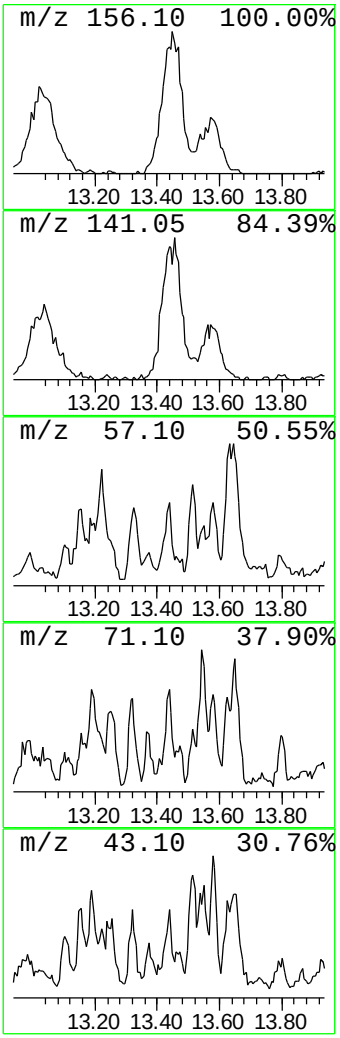
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	9.68 ug/l	300291	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

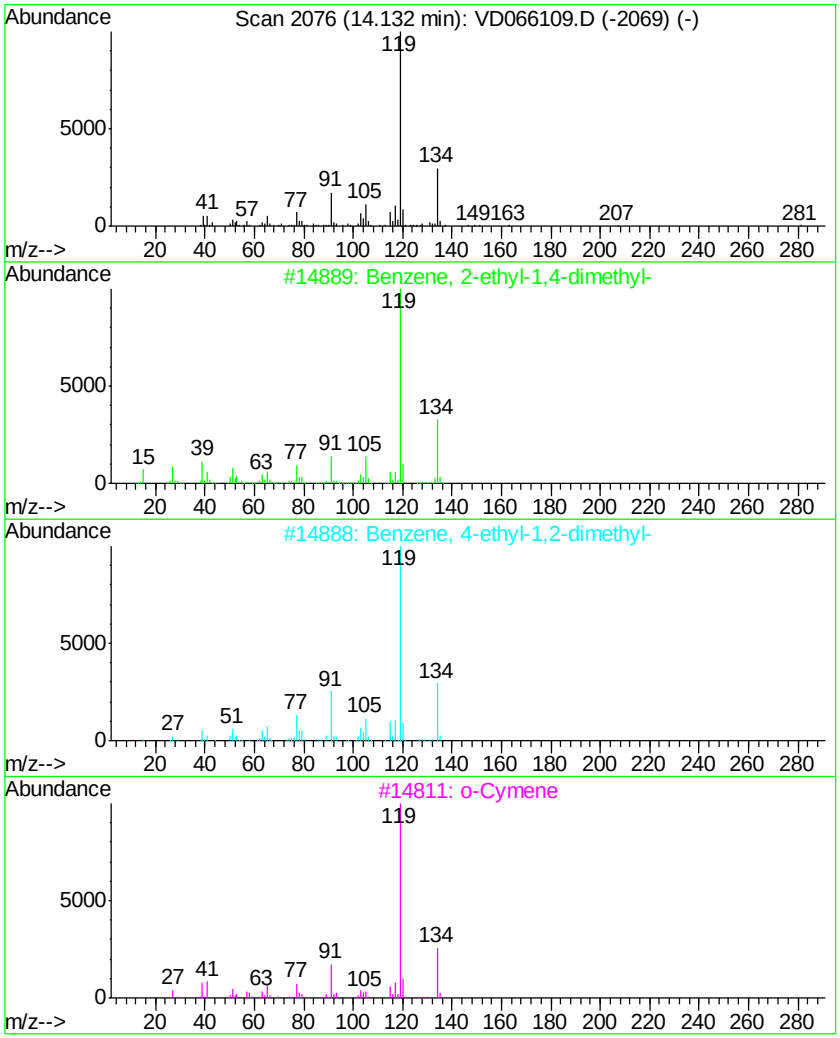
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

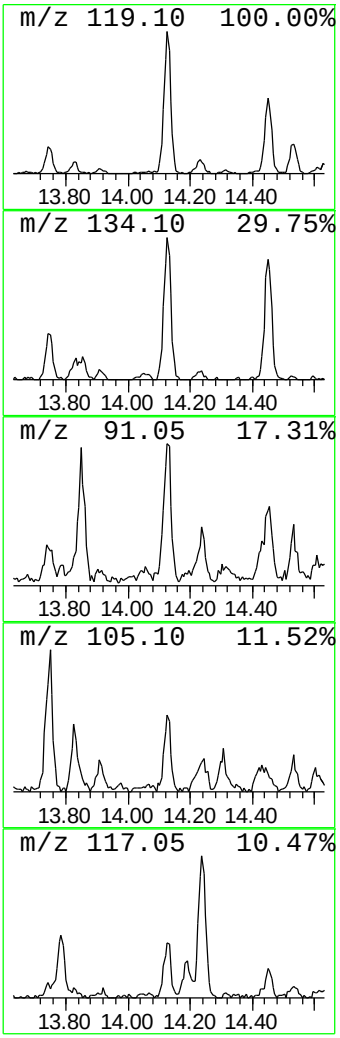
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	7.07 ug/l	219306	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

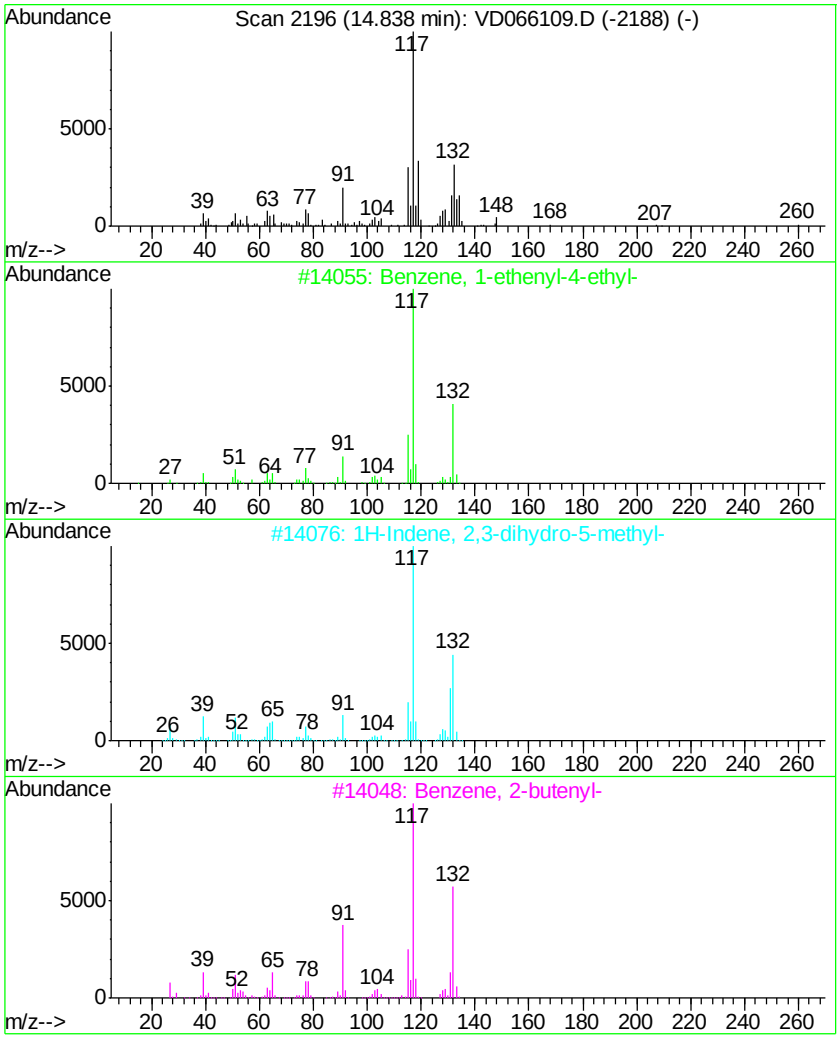
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

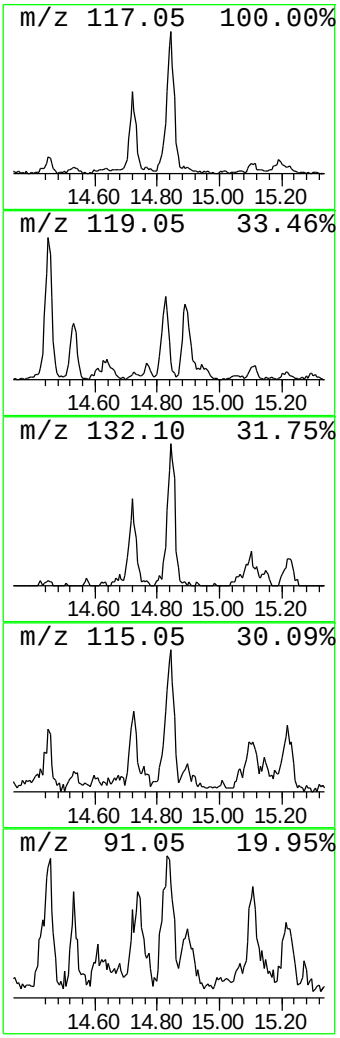
****

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	6.71 ug/l	208088	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD073020\
Data File : VD066109.D
Acq On : 30 Jul 2020 14:13
Operator : VA/SY
Sample : L3494-01
Misc : 5.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JTY1-SB-05-2-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane, 2-methyl-	11.43	10.8	ug/l	294770	3	11.65	1366280	50.0
Heptane, 4-(1-met...	11.53	6.2	ug/l	168748	3	11.65	1366280	50.0
Nonane, 4-methyl-	12.56	9.8	ug/l	269035	3	11.65	1366280	50.0
Naphthalene, 2,3-...	13.44	9.7	ug/l	300291	4	13.58	1550940	50.0
Benzene, 2-ethyl-...	14.13	7.1	ug/l	219306	4	13.58	1550940	50.0
Benzene, 1-etheny...	14.84	6.7	ug/l	208088	4	13.58	1550940	50.0