LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
Data File : VW008775.D
Acq On : 21 Feb 2019 17:43
Operator : SY/VA
Sample : K1537-01
Misc : 9.56G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

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_W\METHOD\82W022119S.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	2.148	36	40	47	rVB3	5641	9730	13.18%	1.256%
2	2.233	47	54	56	rBV7	7361	17521	23.74%	2.261%
3	2.764	140	141	142	rBV	2760	1457	1.97%	0.188%
4	2.885	159	161	164	rVB2	3018	2565	3.48%	0.331%
5	3.361	236	239	240	rVB2	1409	1269	1.72%	0.164%
6	3.379	240	242	245	rBV4	1373	1401	1.90%	0.181%
7	3.416	245	248	250	rVB3	1860	1345	1.82%	0.174%
8	3.544	266	269	274	rBV6	1288	2178	2.95%	0.281%
9	3.684	288	292	293	rVV4	1530	1719	2.33%	0.222%
10	3.702	293	295	301	rVB7	1542	2274	3.08%	0.293%
11	3.958	333	337	341	rBV5	1554	2239	3.03%	0.289%
12	4.056	351	353	358	rVB3	1027	1674	2.27%	0.216%
13	4.196	375	376	382	rVB4	1346	1864	2.53%	0.241%
14	4.275	382	389	390	rVV5	1537	2335	3.16%	0.301%
15	4.300	390	393	397	rVB2	1324	2195	2.97%	0.283%
16	4.544	430	433	436	rVB5	1195	1354	1.83%	0.175%
17	4.653	449	451	455	rVB4	936	1311	1.78%	0.169%
18	4.879	483	488	489	rBV4	1498	2214	3.00%	0.286%
19	4.922	489	495	496	rVV5	2567	4487	6.08%	0.579%
20	5.166	532	535	539	rBV4	1103	1861	2.52%	0.240%
21	5.458	581	583	585	rBV3	1771	1316	1.78%	0.170%
22	5.611	605	608	612	rBV5	962	1309	1.77%	0.169%
23	5.678	615	619	620	rVB3	1121	1441	1.95%	0.186%
24	5.775	632	635	639	rVB4	1418	2191	2.97%	0.283%
25	5.818	639	642	646	rBV5	1237	2201	2.98%	0.284%
26	5.897	649	655	657	rBV6	1340	2108	2.86%	0.272%
27	5.958	661	665	668	rVV4	1846	2948	3.99%	0.380%
28	6.086	683	686	688	rBV4	1497	1629	2.21%	0.210%
29	6.123	688	692	696	rVB5	1150	2035	2.76%	0.263%
30	6.275	714	717	720	rBV4	939	1372	1.86%	0.177%
31	6.745	791	794	796	rBV3	1313	1687	2.29%	0.218%
32	7.043	840	843	846	rVB5	1416	1499	2.03%	0.193%
33	7.122	854	856	859	rVV4	1310	1363	1.85%	0.176%
34	7.153	859	861	863	rVB3	1471	1263	1.71%	0.163%

LSC Area Percent Report

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Operator : SY/VA
Sample : K1537-01
Misc : 9.56G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Title : SW846 8260

35	7.336	886	891	892	rBV3	915	1420	1.92%	0.183%
36	7.403	899	902	905	rBV5	1707	1975	2.68%	0.255%
37	7.440	905	908	910	rVB3	1976	1629	2.21%	0.210%
38	7.470	910	913	914	rBV3	993	1273	1.73%	0.164%
39	7.628	935	939	940	rVV3	1524	2085	2.83%	0.269%
40	7.885	972	981	986	rBV4	11574	28520	38.65%	3.681%
41	7.958	986	993	1000	rVB2	21284	50159	67.97%	6.473%
42	8.317	1042	1052	1056	rBV3	10314	27419	37.15%	3.539%
43	8.403	1062	1066	1067	rBV3	1351	1505	2.04%	0.194%
44	8.616	1099	1101	1106	rVB5	1166	1744	2.36%	0.225%
45	8.659	1106	1108	1110	rBV2	1377	1509	2.04%	0.195%
46	8.848	1130	1139	1146	rBV2	28094	62060	84.10%	8.009%
47	8.909	1146	1149	1152	rVV4	1404	1420	1.92%	0.183%
48	9.012	1163	1166	1167	rBV2	1157	1461	1.98%	0.189%
49	9.031	1167	1169	1172	rVV4	1481	2099	2.84%	0.271%
50	9.061	1172	1174	1176	rVB3	1733	1443	1.96%	0.186%
51	9.348	1216	1221	1225	rVB6	1132	2019	2.74%	0.261%
52	9.524	1248	1250	1253	rVB4	1067	1366	1.85%	0.176%
53	9.561	1253	1256	1257	rBV2	1405	1348	1.83%	0.174%
54	9.988	1322	1326	1328	rBV5	1307	1880	2.55%	0.243%
55	10.122	1344	1348	1350	rBV4	1338	1292	1.75%	0.167%
56	10.323	1374	1381	1388	rVV	38414	73797	100.00%	9.524%
57	10.390	1388	1392	1397	rVB2	3402	5410	7.33%	0.698%
58	10.652	1433	1435	1438	rVB3	1802	1789	2.42%	0.231%
59	10.713	1438	1445	1449	rBV3	13860	35497	48.10%	4.581%
60	10.988	1488	1490	1493	rVB4	1550	1845	2.50%	0.238%
61	11.073	1501	1504	1505	rBV3	1856	1831	2.48%	0.236%
62	11.152	1515	1517	1520	rBV4	1439	1629	2.21%	0.210%
63	11.177	1520	1521	1524	rVV3	1884	1429	1.94%	0.184%
64	11.341	1544	1548	1550	rBV5	1616	1928	2.61%	0.249%
65	11.366	1550	1552	1553	rBV2	1860	1566	2.12%	0.202%
66	11.542	1579	1581	1585	rVB5	1287	1854	2.51%	0.239%
67	11.634	1589	1596	1603	rVV2	29466	53599	72.63%	6.917%
68	11.847	1629	1631	1634	rVB4	1556	1713	2.32%	0.221%
69	11.914	1637	1642	1644	rVB6	1073	1362	1.85%	0.176%
70	12.122	1673	1676	1677	rBV3	1649	1354	1.83%	0.175%
71	12.414	1720	1724	1726	rBV5	1969	3034	4.11%	0.392%

LSC Area Percent Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Title : SW846 8260

72	12.561	1746	1748	1751	rVB3	1704	1266	1.72%	0.163%
73	12.621	1751	1758	1764	rVB3	30869	58142	78.79%	7.504%
74	12.908	1786	1805	1807	rBV3	10190	40994	55.55%	5.291%
75	13.048	1827	1828	1833	rVB5	1660	1699	2.30%	0.219%
76	13.182	1846	1850	1851	rBV4	1857	2405	3.26%	0.310%
77	13.323	1861	1873	1874	rBV7	14817	35030	47.47%	4.521%
78	13.457	1893	1895	1896	rBV2	4551	4090	5.54%	0.528%
79	13.560	1908	1912	1920	rVB4	12523	23606	31.99%	3.047%
80	13.646	1920	1926	1928	rBV7	2593	3883	5.26%	0.501%
81	13.816	1951	1954	1956	rBV3	1445	1942	2.63%	0.251%
82	13.890	1960	1966	1967	rBV6	5824	10614	14.38%	1.370%
83	13.981	1979	1981	1988	rVB8	6934	10976	14.87%	1.417%
84	14.079	1992	1997	2005	rVB3	7852	13771	18.66%	1.777%
85	14.274	2025	2029	2030	rBV2	2280	2536	3.44%	0.327%
86	14.316	2030	2036	2038	rBV7	4256	8432	11.43%	1.088%
87	14.371	2044	2045	2049	rVB4	2542	1575	2.13%	0.203%
88	14.469	2055	2061	2063	rVB6	2085	2941	3.99%	0.380%
89	14.505	2063	2067	2068	rBV3	2087	2145	2.91%	0.277%
90	14.731	2100	2104	2105	rBV3	2160	2473	3.35%	0.319%
91	14.981	2136	2145	2158	rVB8	13831	53157	72.03%	6.860%
92	15.353	2204	2206	2208	rVV3	1793	2356	3.19%	0.304%
93	15.511	2230	2232	2234	rBV3	1685	1292	1.75%	0.167%
94	15.645	2249	2254	2255	rBV5	3743	4981	6.75%	0.643%
95	15.664	2255	2257	2258	rBV2	3774	3691	5.00%	0.476%
96	16.279	2356	2358	2362	rBV4	1280	1549	2.10%	0.200%
97	16.359	2367	2371	2373	rBV5	1341	2577	3.49%	0.333%
98	16.663	2420	2421	2423	rVB2	1857	1341	1.82%	0.173%
99	16.688	2423	2425	2427	rBV3	1707	1344	1.82%	0.173%
100	16.724	2429	2431	2434	rVV4	1642	1419	1.92%	0.183%

Sum of corrected areas: 774845

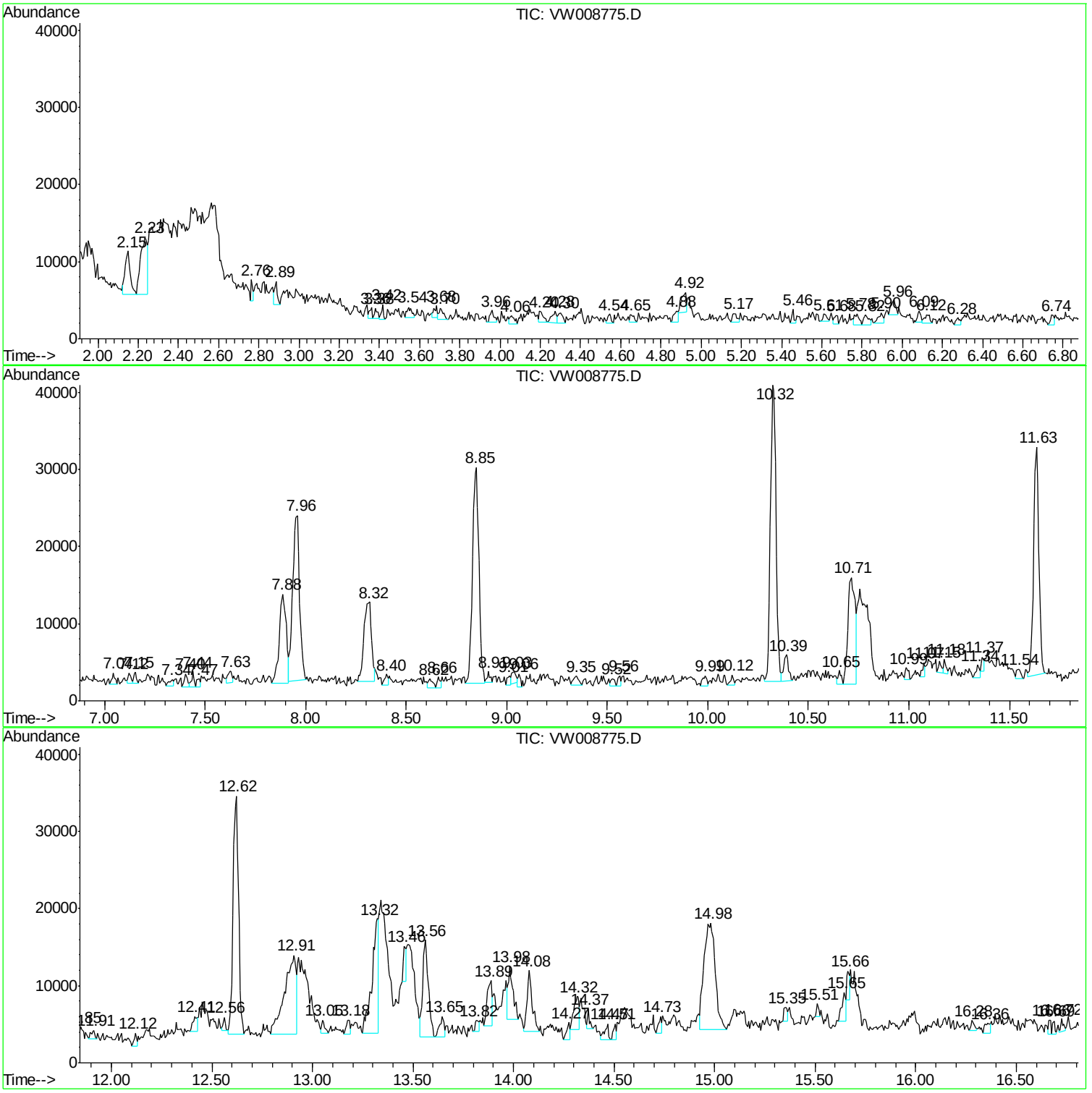
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
Data File : VW008775.D
Acq On : 21 Feb 2019 17:43
Operator : SY/VA
Sample : K1537-01
Misc : 9.56G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
Data File : VW008775.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

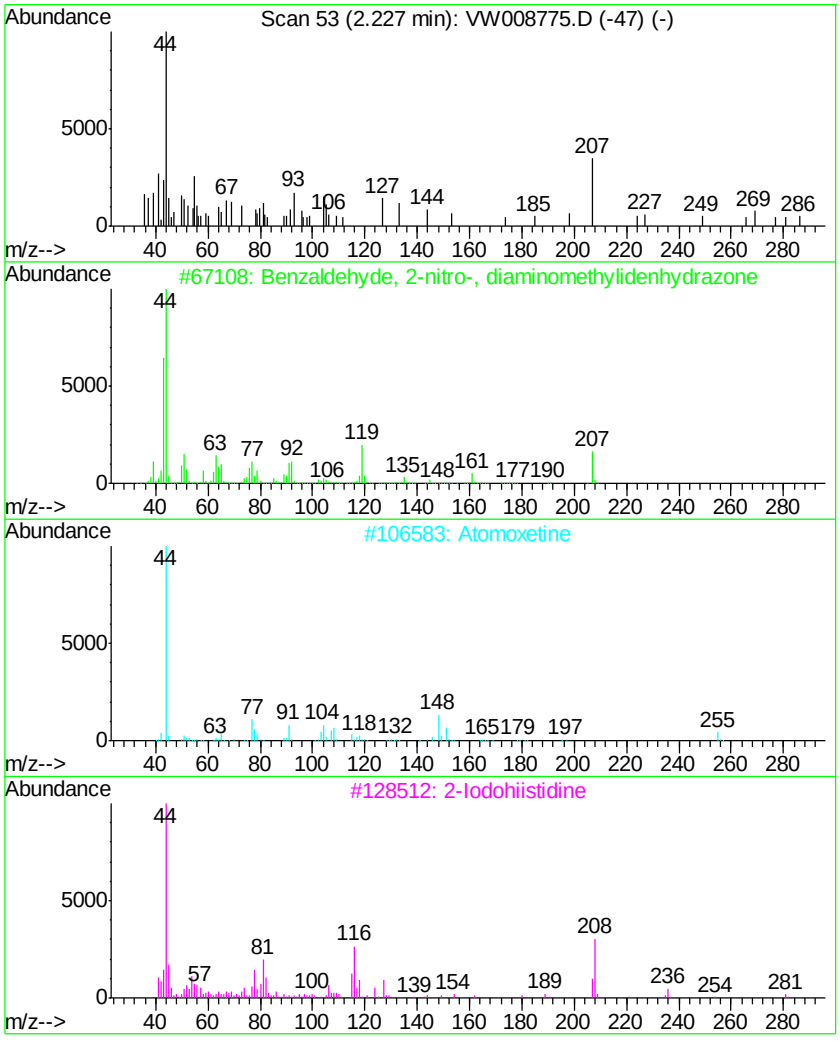
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

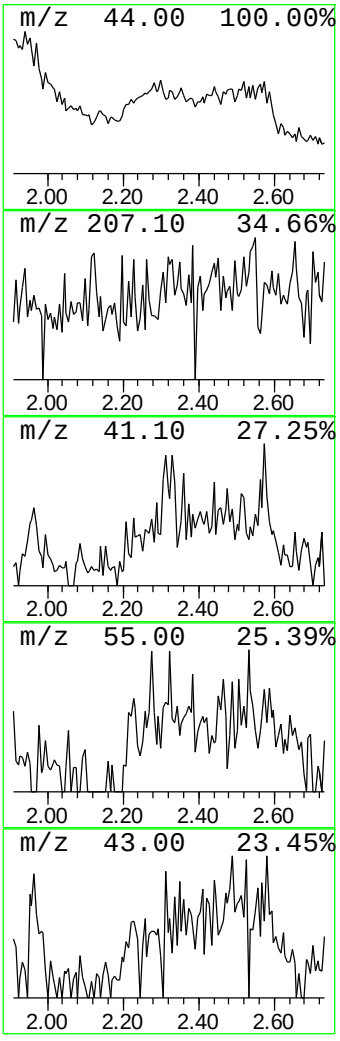
****

Peak Number 1 unknown2.23 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	17.47 ug/l	17521	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-nitro-, diaminom...	207	C8H9N5O2	102632-31-5	43
2	Atomoxetine	255	C17H21NO	083015-26-3	42
3	2-Iodohiistidine	281	C6H8IN3O2	006996-15-2	42
4	5-(Hydroxyiminomethyl)-6-[(2-met...	222	C11H14N2O3	007010-80-2	42
5	2-Butene ozonide	104	C4H8O3	000765-57-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Data File : VW008775.D
Acq On : 21 Feb 2019 17:43
Operator : SY/VA
Sample : K1537-01
Misc : 9.56G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

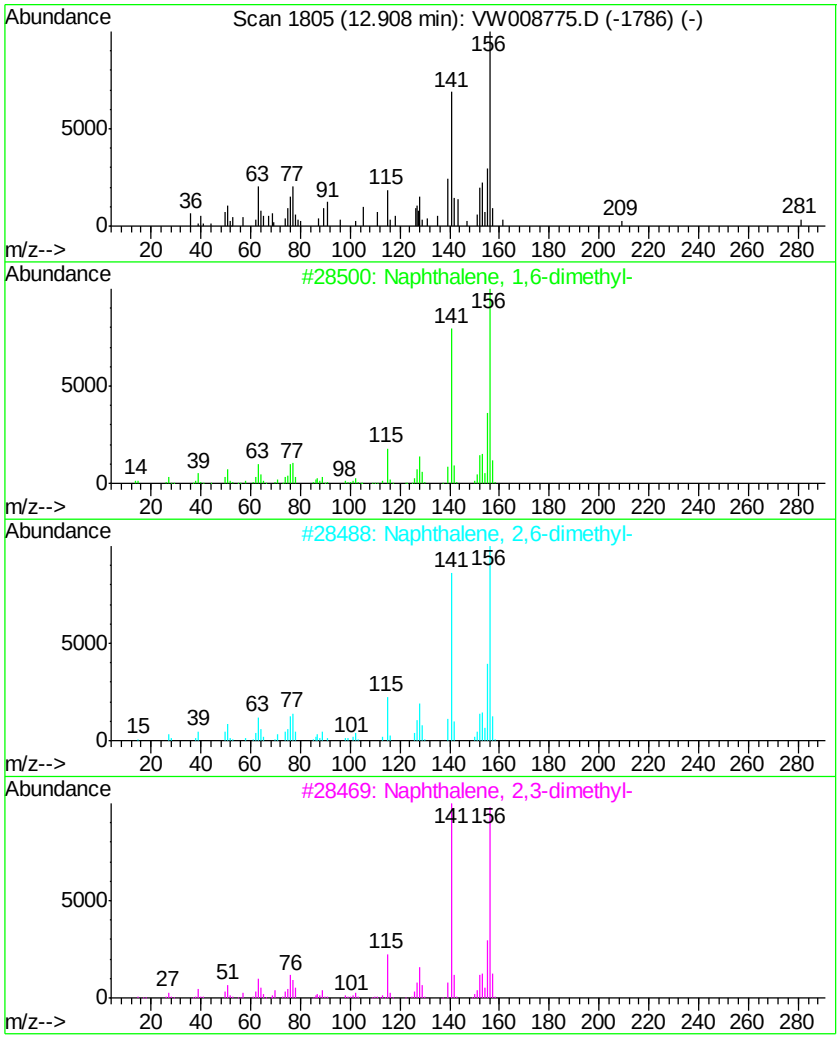
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

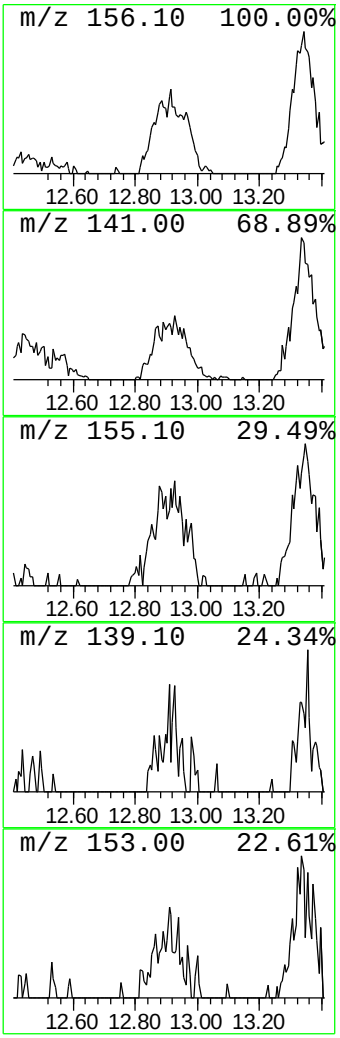
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	86.83 ug/l	40994	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
Data File : VW008775.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

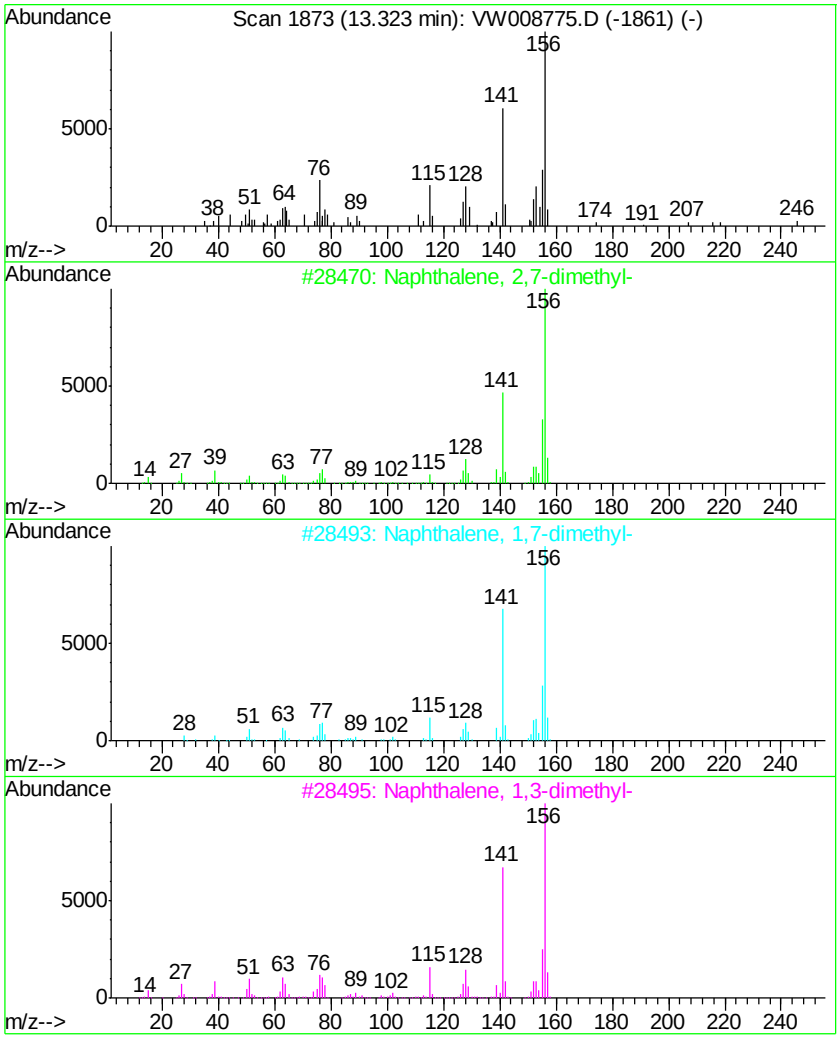
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

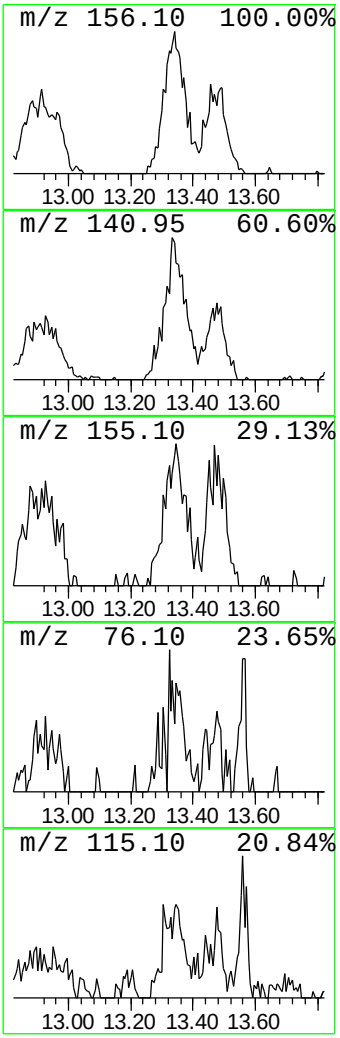
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	74.20 ug/l	35030	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	81
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	80





Library Search Compound Report

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Acq On : 21 Feb 2019 17:43
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Sample : K1537-01
Misc : 9.56G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

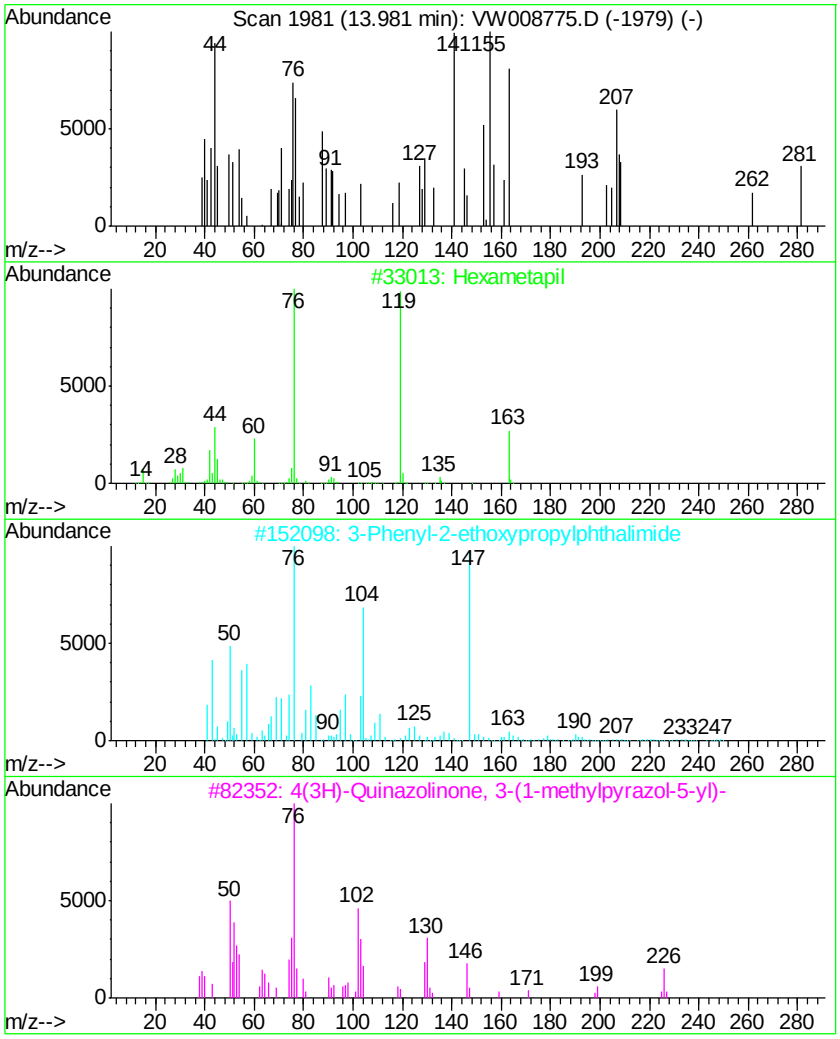
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

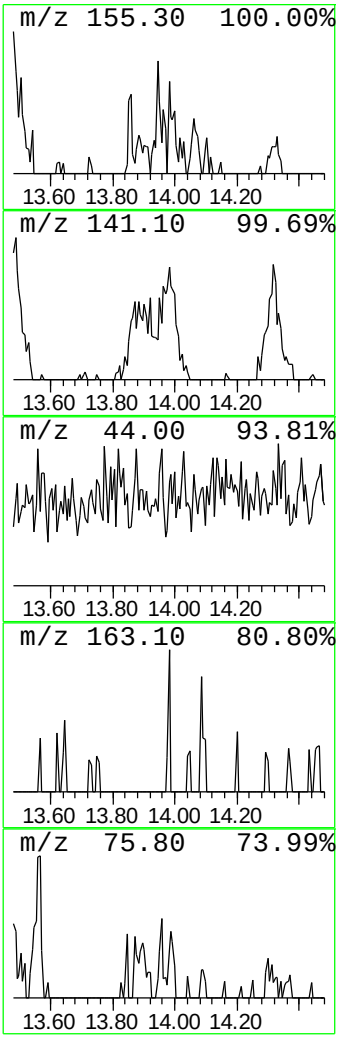
****

Peak Number 6 unknown13.98 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	23.25 ug/l	10976	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexametapil	163	C6H18N3P	001608-26-0	43
2	3-Phenyl-2-ethoxypropylphthalimide	309	C19H19NO3	1000227-41-7	27
3	4(3H)-Quinazolinone, 3-(1-methyl...	226	C12H10N4O	122037-29-0	27
4	Ethanone, 1-[5-methyl-1-(3-nitro...	261	C11H11N5O3	1000271-20-4	27
5	2-Chloromethyl-1,4-naphthoquinone	206	C11H7ClO2	043027-41-4	27





Library Search Compound Report

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Acq On : 21 Feb 2019 17:43
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Sample : K1537-01
Misc : 9.56G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

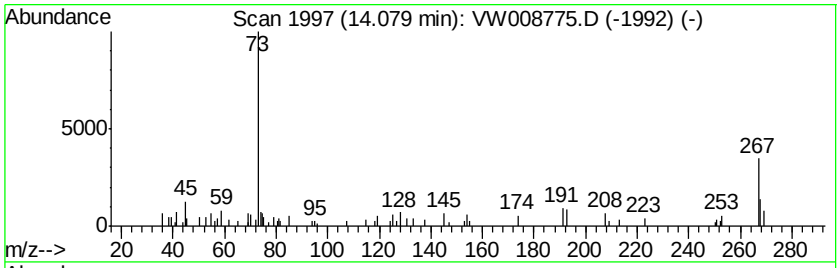
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

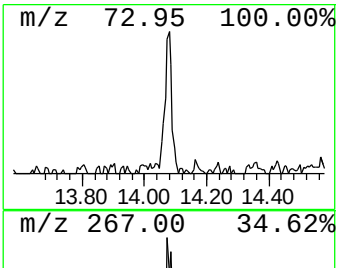
****

Peak Number 7 unknown14.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	29.17 ug/l	13771	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
2	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	38
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	28
4	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	27
5	Monobenzylidene-d-glucose	268	C13H16O6	1000127-04-3	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
Data File : VW008775.D
Acq On : 21 Feb 2019 17:43
Operator : SY/VA
Sample : K1537-01
Misc : 9.56G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

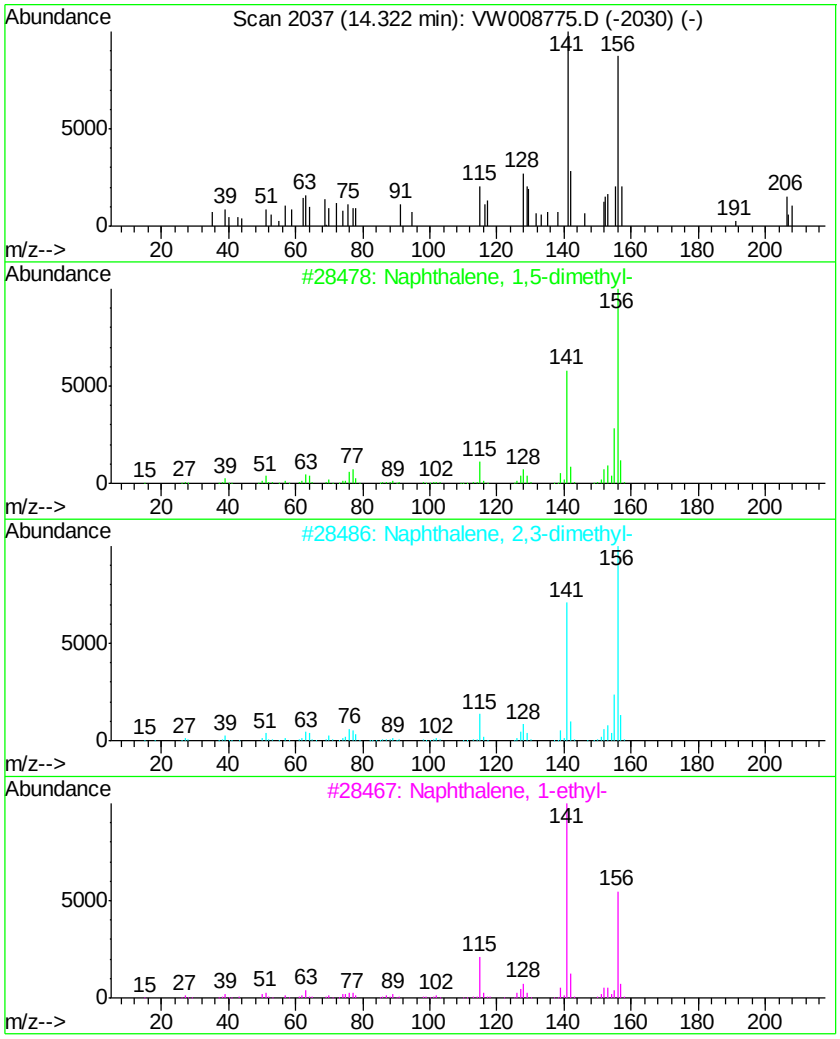
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

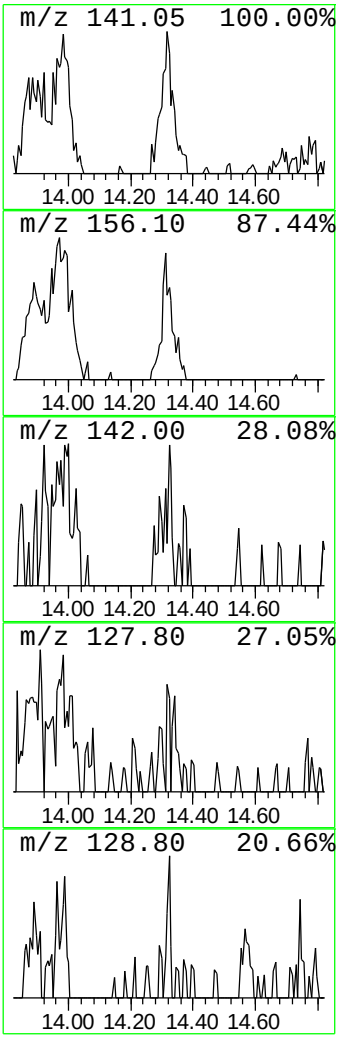
****

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	17.86 ug/l	8432	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	60
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	53
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	46
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	46
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Data File : VW008775.D
Acq On : 21 Feb 2019 17:43
Operator : SY/VA
Sample : K1537-01
Misc : 9.56G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.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
unknown2.23	2.23	17.5	ug/l	17521	1	7.95	50159	50.0
Naphthalene, 1,6-...	12.91	86.8	ug/l	40994	4	13.55	23606	50.0
Naphthalene, 2,7-...	13.32	74.2	ug/l	35030	4	13.55	23606	50.0
unknown13.98	13.98	23.3	ug/l	10976	4	13.55	23606	50.0
unknown14.08	14.08	29.2	ug/l	13771	4	13.55	23606	50.0
Naphthalene, 1,5-...	14.32	17.9	ug/l	8432	4	13.55	23606	50.0