LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
Data File : VD070795.D
Acq On : 21 Oct 2021 12:26
Operator : VA/SY
Sample : M4284-04
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

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\82D101521S.M
Title : SW846 8260

Signal : TIC: VD070795.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.215	46	50	51	rBV3	5414	5477	3.07%	0.553%
2	2.309	61	66	71	rVB5	5719	12724	7.12%	1.285%
3	2.568	107	110	113	rBV2	1748	2117	1.18%	0.214%
4	2.632	116	121	122	rBV	2344	2810	1.57%	0.284%
5	2.727	134	137	139	rBV	2141	2713	1.52%	0.274%
6	2.803	147	150	153	rVB2	1691	2377	1.33%	0.240%
7	2.926	168	171	173	rVB2	1853	2213	1.24%	0.223%
8	3.509	266	270	271	rBV	1932	2029	1.14%	0.205%
9	4.062	363	364	368	rBV2	1778	2065	1.16%	0.209%
10	4.138	371	377	378	rBV2	10812	14688	8.22%	1.483%
11	4.385	412	419	421	rBV2	2977	6581	3.68%	0.665%
12	4.844	494	497	499	rBV2	1565	2045	1.14%	0.207%
13	5.109	537	542	544	rBV2	2001	3045	1.70%	0.308%
14	6.091	704	709	712	rVB2	1849	2644	1.48%	0.267%
15	6.409	759	763	766	rBV4	2861	4520	2.53%	0.456%
16	7.126	880	885	886	rBV2	1460	2044	1.14%	0.206%
17	7.209	894	899	904	rBV4	3629	6203	3.47%	0.626%
18	7.903	1014	1017	1024	rBV5	5556	11550	6.46%	1.166%
19	7.967	1024	1028	1036	rVB3	12222	24219	13.55%	2.446%
20	8.062	1040	1044	1047	rBV2	1757	2894	1.62%	0.292%
21	8.179	1060	1064	1066	rBV2	1651	2099	1.17%	0.212%
22	8.320	1084	1088	1095	rVB3	8258	17589	9.84%	1.776%
23	8.714	1152	1155	1157	rBV3	3116	3179	1.78%	0.321%
24	8.856	1173	1179	1185	rBV4	14441	30899	17.29%	3.120%
25	10.220	1405	1411	1418	rVB3	9581	19175	10.73%	1.936%
26	10.332	1424	1430	1435	rBV2	21536	40437	22.63%	4.084%
27	10.397	1435	1441	1450	rVB	101310	178694	100.00%	18.046%
28	10.520	1456	1462	1463	rVB3	2408	2274	1.27%	0.230%
29	11.244	1582	1585	1588	rBV2	2216	2877	1.61%	0.291%
30	11.414	1611	1614	1622	rVB5	3988	9367	5.24%	0.946%
31	11.526	1629	1633	1637	rBV4	3715	6027	3.37%	0.609%
32	11.632	1646	1651	1656	rBV2	20297	33223	18.59%	3.355%
33	11.744	1664	1670	1674	rBV5	6258	11116	6.22%	1.123%
34	11.850	1681	1688	1694	rVV4	39625	73193	40.96%	7.392%
35	11.914	1698	1699	1704	rVB2	1988	2000	1.12%	0.202%
36	12.061	1722	1724	1728	rBV2	1939	2286	1.28%	0.231%

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Integrator: RTE
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Title : SW846 8260

37	12.167	1734	1742	1750	rBV8	15383	35365	19.79%	3.571%
38	12.261	1754	1758	1764	rVV6	6561	12146	6.80%	1.227%
39	12.320	1764	1768	1769	rVV3	2169	3070	1.72%	0.310%
40	12.385	1772	1779	1785	rVB6	5033	14827	8.30%	1.497%
41	12.567	1809	1810	1814	rVB2	4707	5027	2.81%	0.508%
42	12.626	1815	1820	1823	rBV3	10678	12872	7.20%	1.300%
43	12.808	1846	1851	1853	rVB6	4039	5571	3.12%	0.563%
44	12.873	1857	1862	1866	rBV6	9092	18155	10.16%	1.833%
45	12.938	1869	1873	1879	rVV4	41248	71133	39.81%	7.184%
46	12.997	1881	1883	1888	rVB4	3937	5246	2.94%	0.530%
47	13.091	1896	1899	1900	rBV2	3177	3333	1.87%	0.337%
48	13.108	1900	1902	1905	rVV3	4249	4444	2.49%	0.449%
49	13.138	1905	1907	1910	rVV3	3968	4318	2.42%	0.436%
50	13.173	1910	1913	1919	rVB8	8144	9853	5.51%	0.995%
51	13.255	1922	1927	1932	rBV3	13726	19240	10.77%	1.943%
52	13.302	1933	1935	1938	rBV3	2909	1988	1.11%	0.201%
53	13.426	1953	1956	1957	rBV2	3576	3293	1.84%	0.333%
54	13.455	1957	1961	1964	rVV5	8055	11652	6.52%	1.177%
55	13.497	1964	1968	1971	rVV5	6028	10416	5.83%	1.052%
56	13.526	1971	1973	1974	rVV2	4106	3933	2.20%	0.397%
57	13.561	1975	1979	1990	rVV5	18175	39815	22.28%	4.021%
58	13.655	1990	1995	2001	rVB5	16552	30191	16.90%	3.049%
59	13.755	2009	2012	2016	rBV5	4843	8044	4.50%	0.812%
60	13.808	2019	2021	2024	rVB4	3614	2667	1.49%	0.269%
61	13.879	2029	2033	2038	rVB3	28536	41068	22.98%	4.147%
62	14.044	2059	2061	2066	rVB5	5988	8035	4.50%	0.811%
63	14.091	2066	2069	2070	rBV3	5598	5084	2.85%	0.513%
64	14.391	2118	2120	2121	rBV2	3782	2580	1.44%	0.261%
65	14.502	2137	2139	2143	rBV5	4375	5692	3.19%	0.575%
66	14.691	2169	2171	2173	rBV3	2703	2132	1.19%	0.215%
67	14.732	2177	2178	2185	rVB7	9481	10891	6.09%	1.100%
68	14.926	2208	2211	2212	rBV2	4419	3348	1.87%	0.338%
69	14.973	2217	2219	2221	rVB	3359	2598	1.45%	0.262%
70	15.191	2254	2256	2258	rBV3	2201	2281	1.28%	0.230%
71	15.249	2264	2266	2268	rBV2	2577	2094	1.17%	0.211%
72	15.561	2317	2319	2322	rBV2	2946	3595	2.01%	0.363%
73	15.667	2335	2337	2338	rVB2	3657	1962	1.10%	0.198%
74	15.920	2378	2380	2386	rBV5	3146	2726	1.53%	0.275%
75	16.232	2431	2433	2434	rBV2	3557	2038	1.14%	0.206%
76	16.302	2443	2445	2449	rVB3	3263	3115	1.74%	0.315%

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Integrator: RTE
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Title : SW846 8260

77	16.743	2516	2520	2523	rVB3	3343	4993	2.79%	0.504%

Sum of corrected areas: 990224

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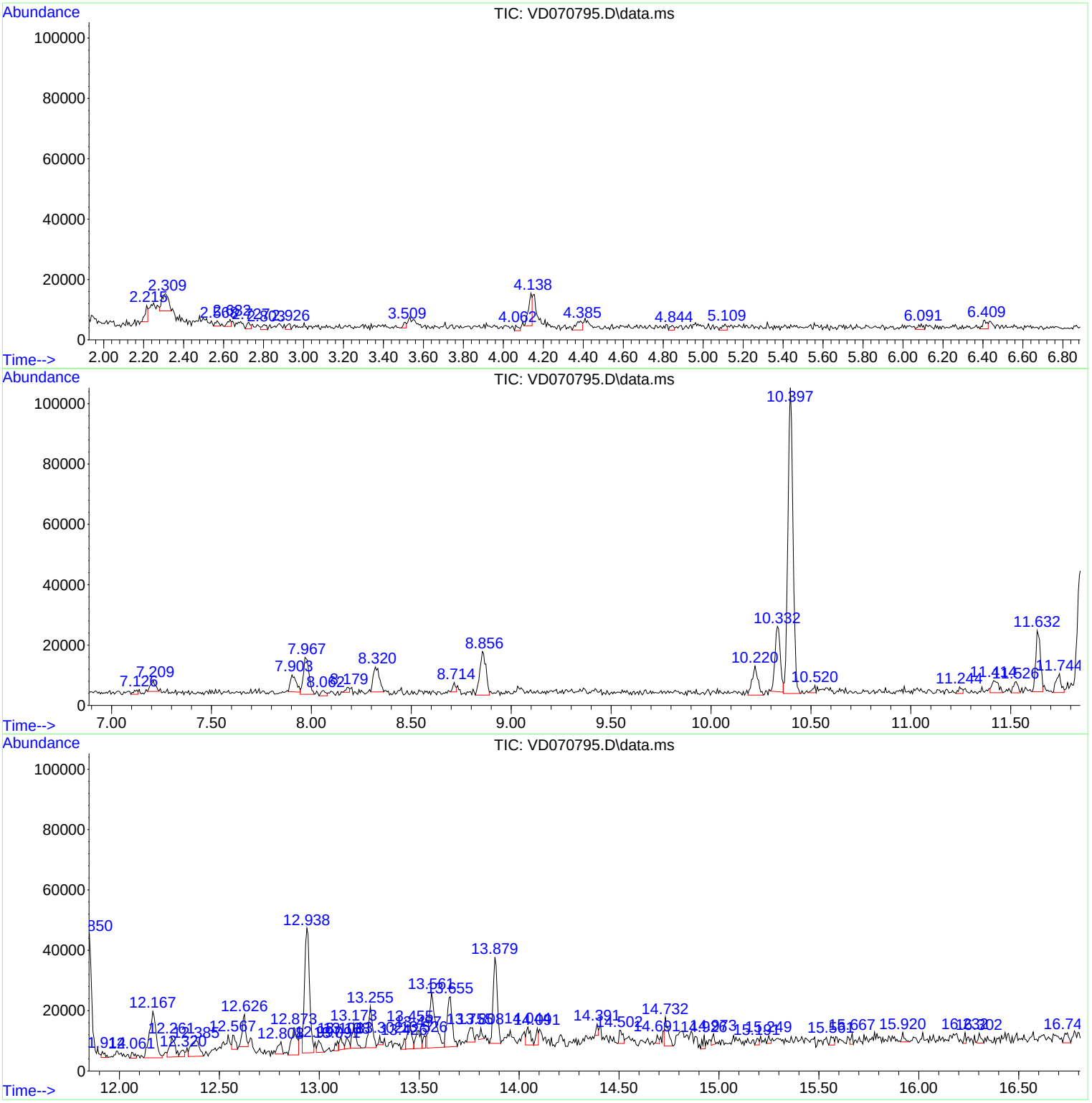
Instrument :
MSVOA_D
ClientSampleId :
16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
Data File : VD070795.D
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Operator : VA/SY
Sample : M4284-04
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Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

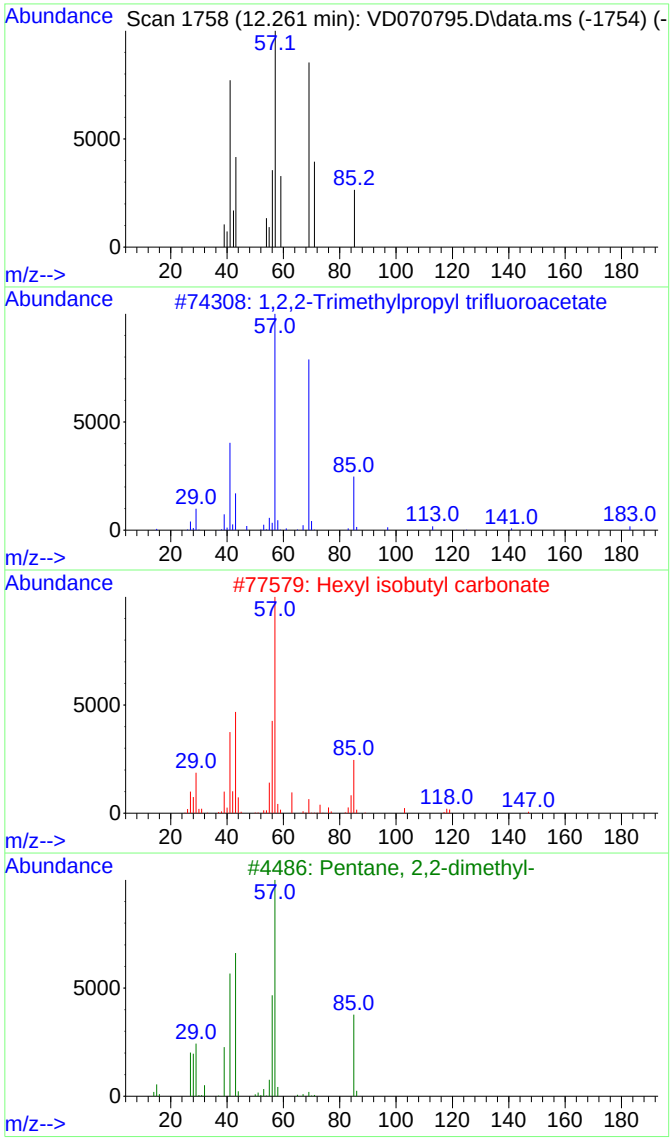
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

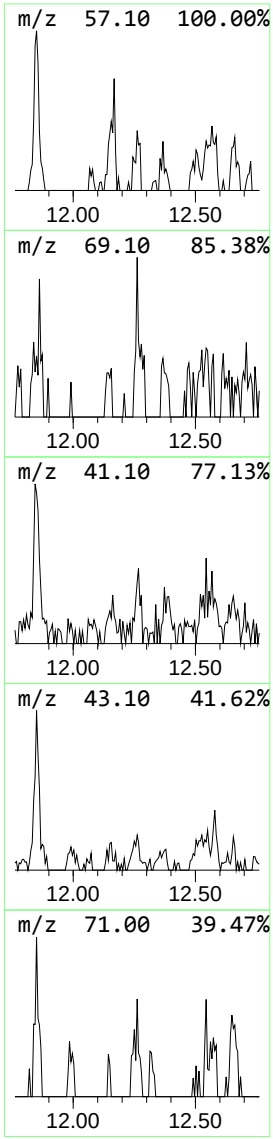
****

Peak Number 4 unknown12.261 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.261	18.28 ug/l	12146	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,2-Trimethylpropyl trifluoroa...	198	C8H13F3O2	116465-21-5	28
2	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	10
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	9
4	Ethanedioic acid, dibutyl ester	202	C10H18O4	002050-60-4	9
5	Valeric acid hydrazide	116	C5H12N2O	038291-82-6	9





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Operator : VA/SY
Sample : M4284-04
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

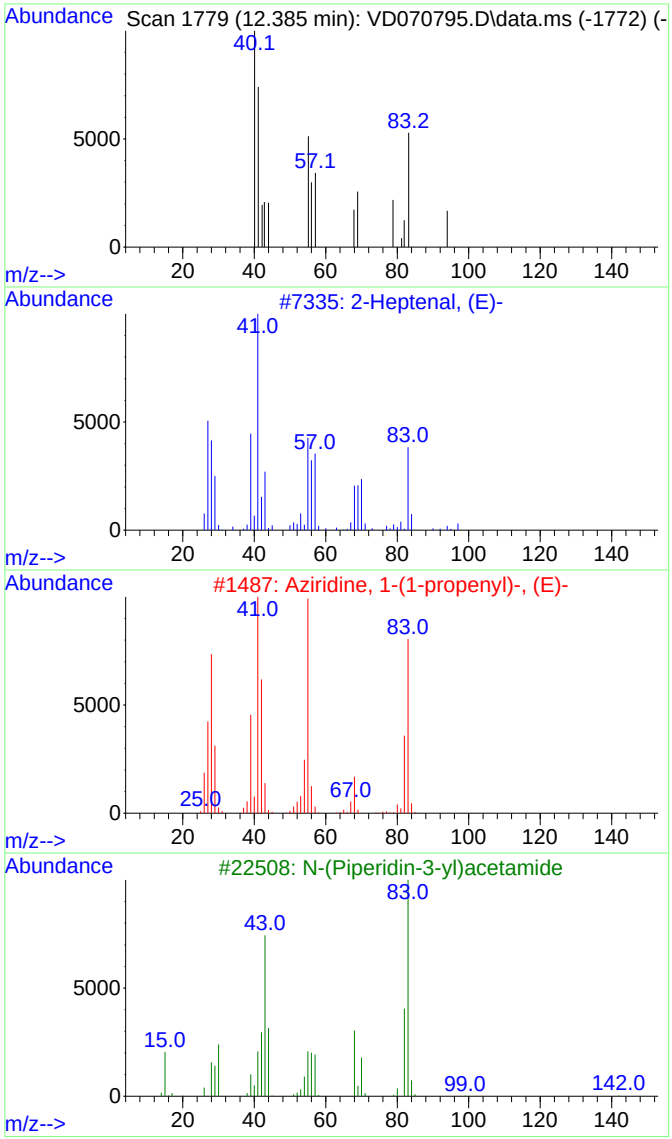
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

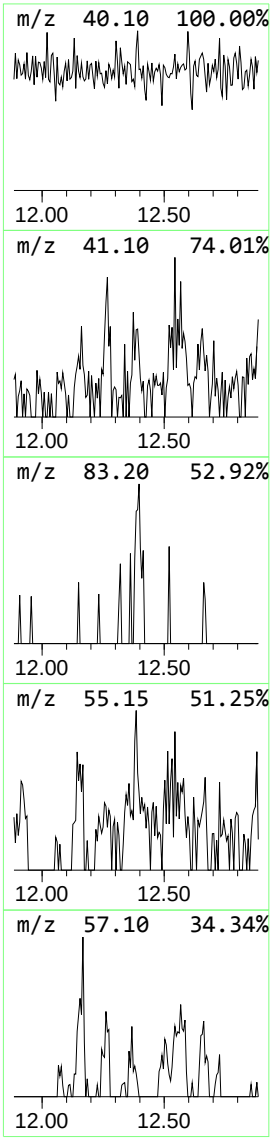
****

Peak Number 5 unknown12.385 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	22.31 ug/l	14827	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (E)-	112	C7H12O	018829-55-5	23
2	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	17
3	N-(Piperidin-3-yl)acetamide	142	C7H14N2O	005810-55-9	9
4	dl-Noformicin sulfate	197	C8H15N5O	1000131-37-1	9
5	Dicyclopropyl carbinol	112	C7H12O	014300-33-5	9





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Operator : VA/SY
Sample : M4284-04
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

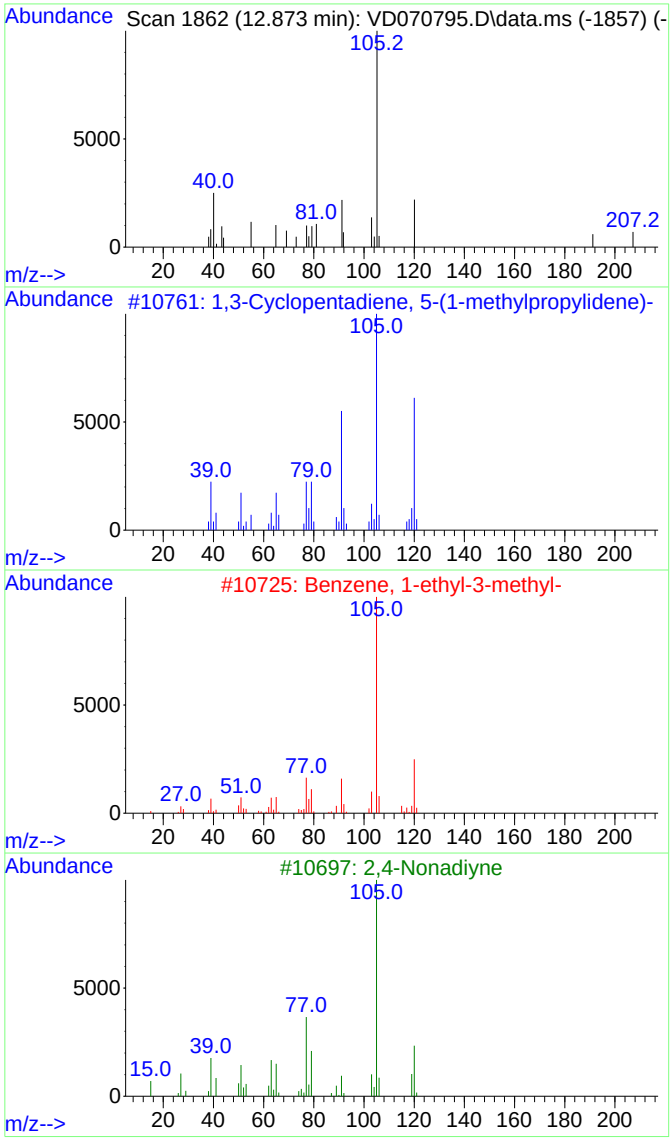
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

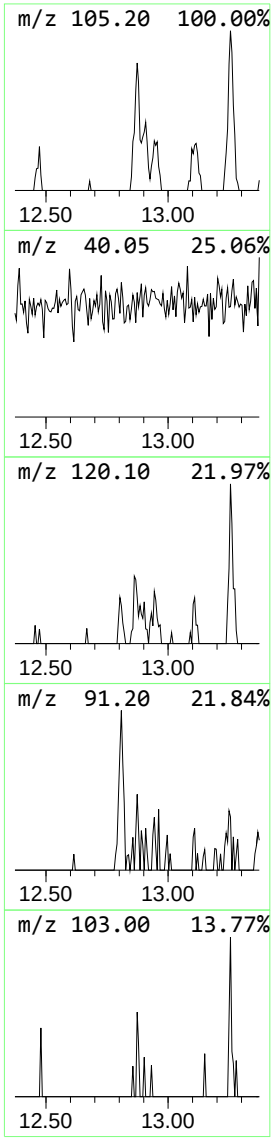
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	22.80 ug/l	18155	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	53
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
3	2,4-Nonadiyne	120	C9H12	063621-15-8	42
4	Cyclohexane, 1,2,4-tris(methylene)-	120	C9H12	014296-81-2	40
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	40





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

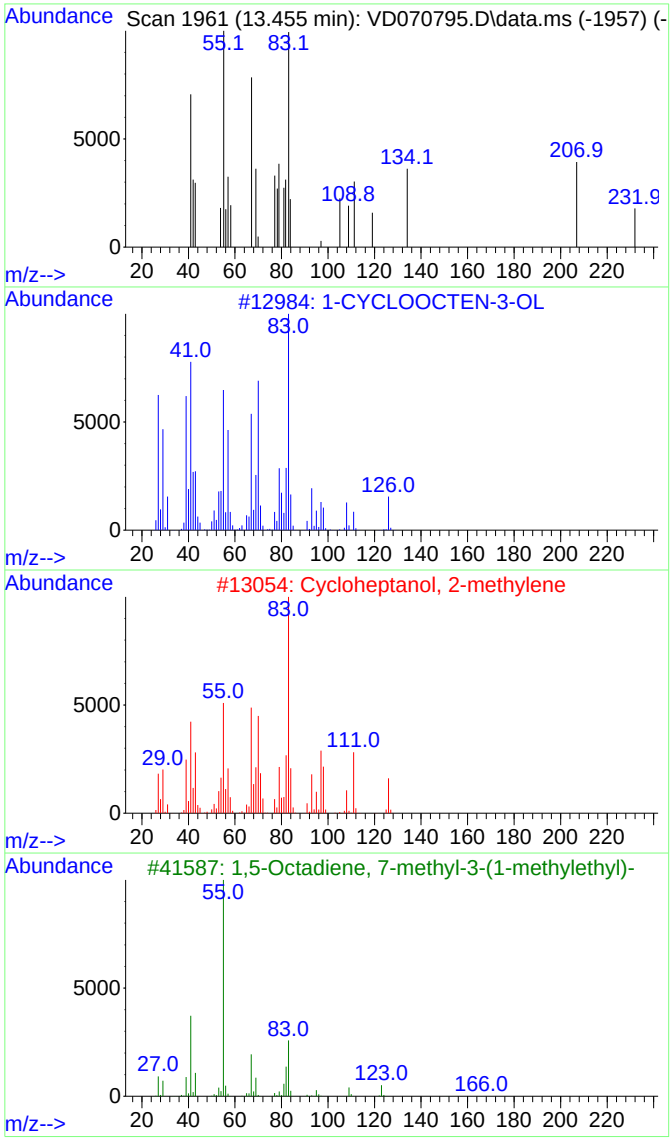
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

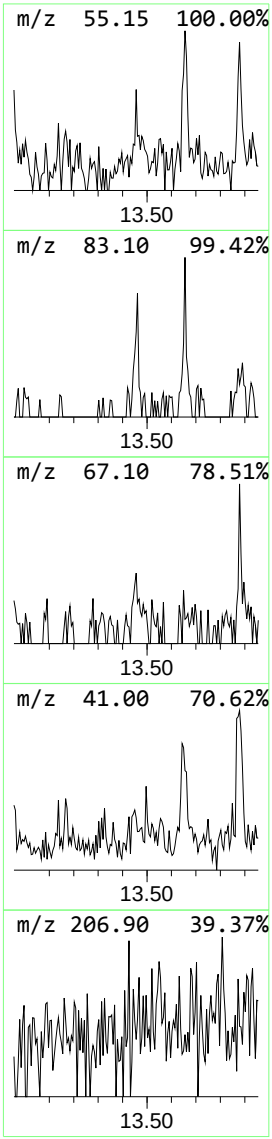
****

Peak Number 7 unknown13.455 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	14.63 ug/l	11652	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-CYCLOOCTEN-3-OL	126	C8H14O	003212-75-7	40
2	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	28
3	1,5-Octadiene, 7-methyl-3-(1-met...	166	C12H22	074630-12-9	25
4	9,12-Octadecadienoyl chloride, (...	298	C18H31ClO	007459-33-8	23
5	1-Cyclohexyl-2-propen-1-ol	140	C9H16O	004352-44-7	12





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Quant Title : SW846 8260

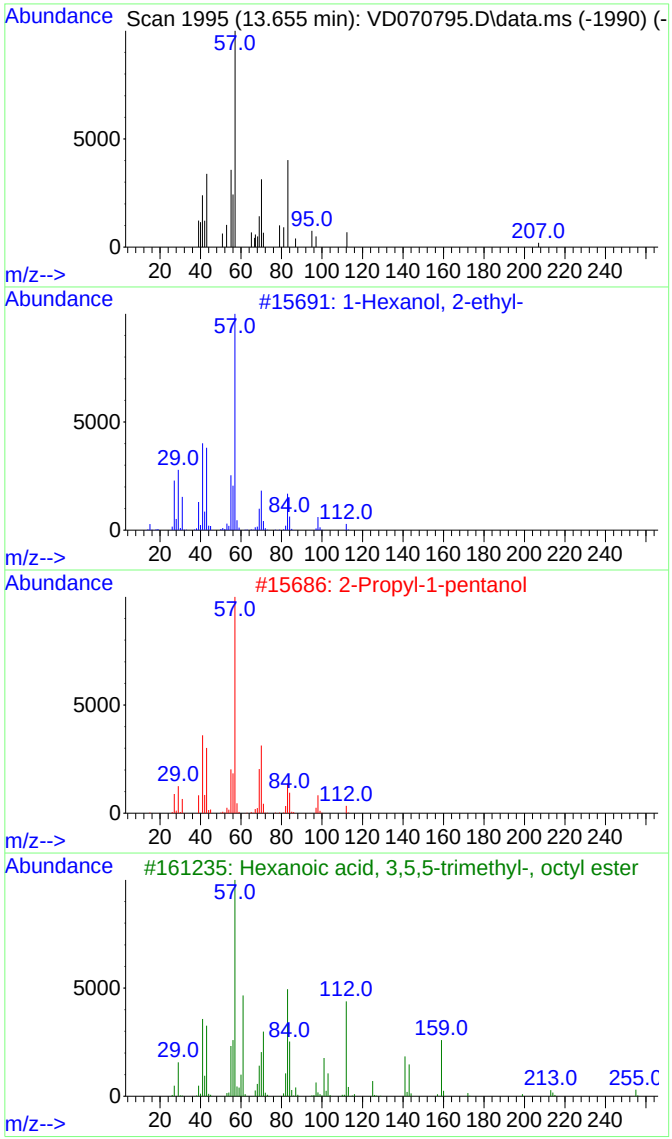
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

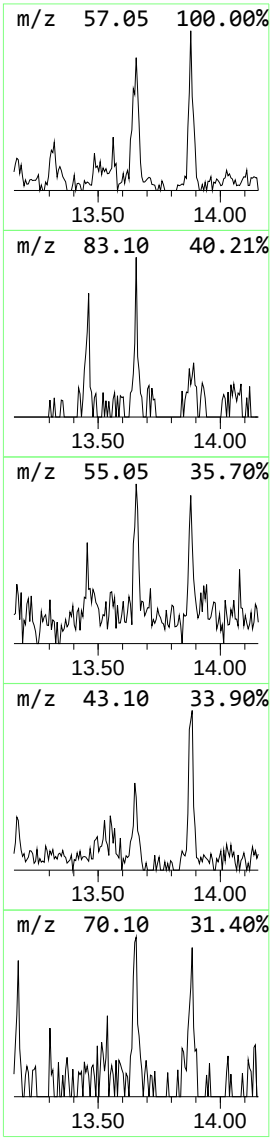
****

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.655	37.91 ug/l	30191	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	37
3	Hexanoic acid, 3,5,5-trimethyl-,...	270	C17H34O2	1000406-05-9	36
4	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	33
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	33





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Operator : VA/SY
Sample : M4284-04
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

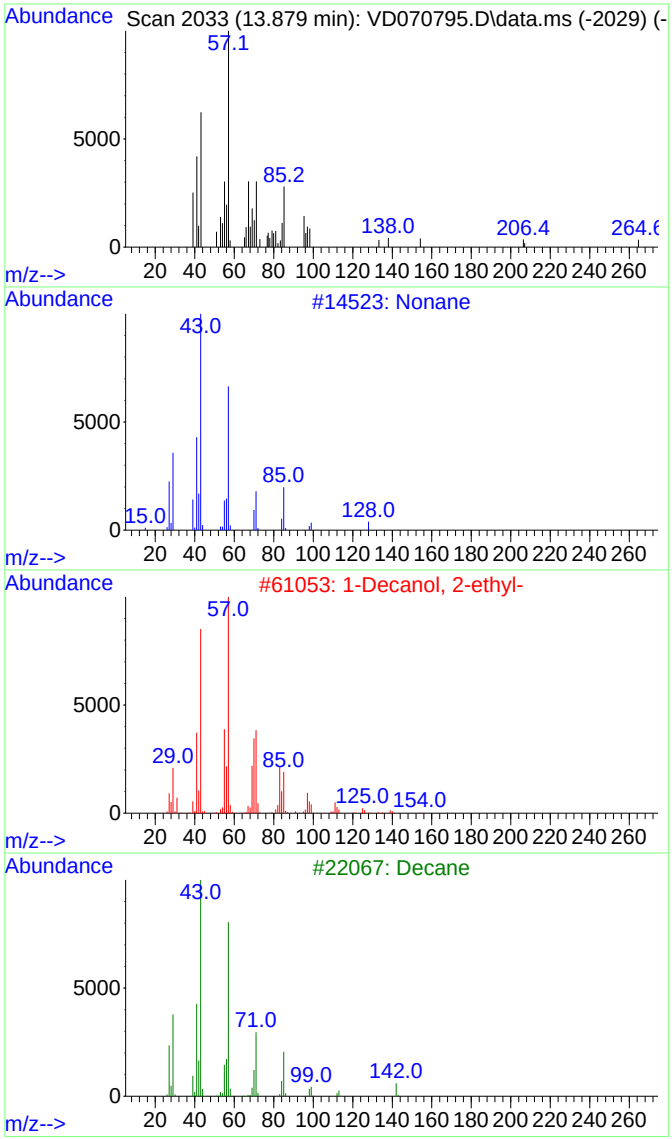
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

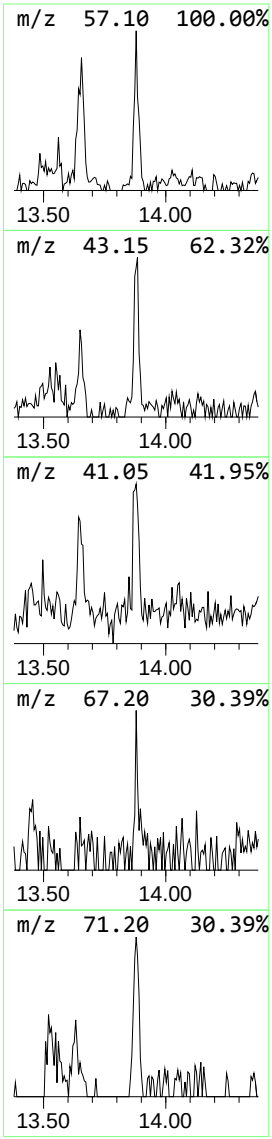
****

Peak Number 9 unknown13.879 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	51.57 ug/l	41068	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	38
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
3	Decane	142	C10H22	000124-18-5	38
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	35
5	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	35





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Acq On : 21 Oct 2021 12:26
Operator : VA/SY
Sample : M4284-04
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

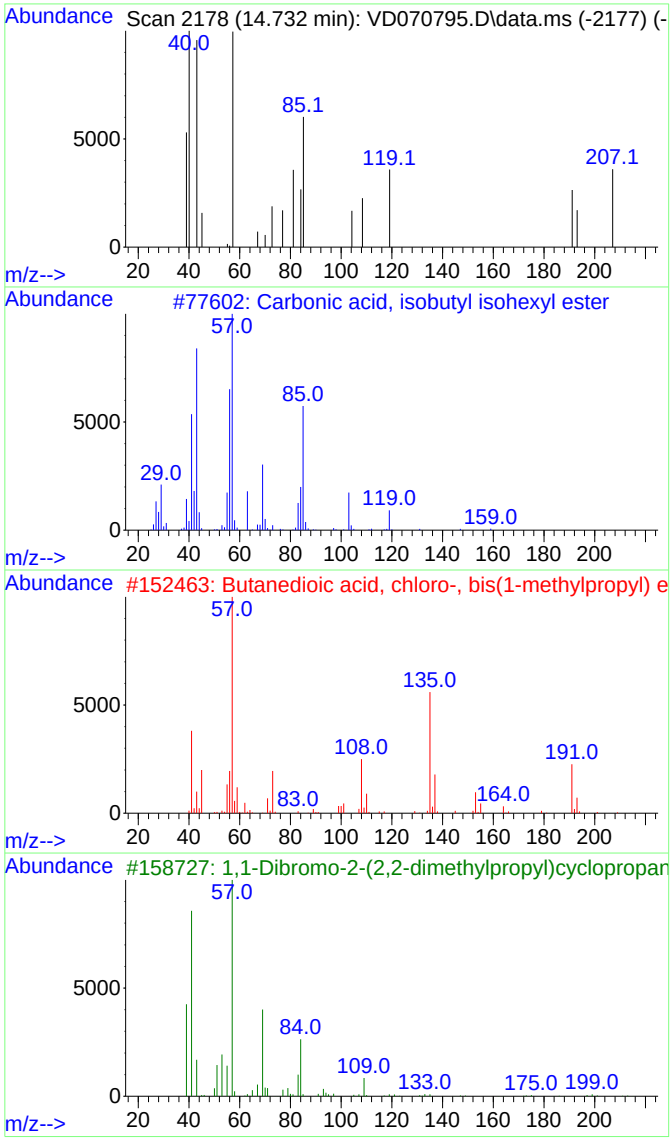
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

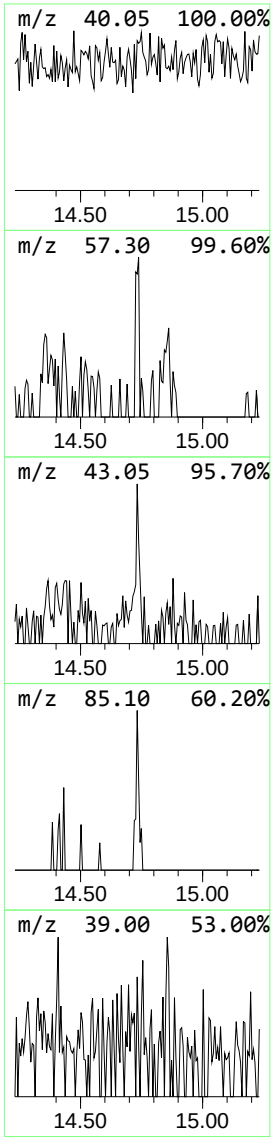
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown14.732 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	13.68 ug/l	10891	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl isohexyl...	202	C11H22O3	1000314-60-3	43
2	Butanedioic acid, chloro-, bis(1...	264	C12H21ClO4	057983-51-4	16
3	1,1-Dibromo-2-(2,2-dimethylpropy...	268	C8H14Br2	1000223-18-5	9
4	2-Methyl-1-pentanol, pentafluoro...	248	C9H13F5O2	1000352-35-9	9
5	Tridecane, 5-methyl-	198	C14H30	025117-31-1	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
Data File : VD070795.D
Acq On : 21 Oct 2021 12:26
Operator : VA/SY
Sample : M4284-04
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown12.261	12.261	18.3	ug/l	12146	3	11.638	33223	50.0
unknown12.385	12.385	22.3	ug/l	14827	3	11.638	33223	50.0
1,3-Cyclopentad...	12.873	22.8	ug/l	18155	4	13.561	39815	50.0
unknown13.455	13.455	14.6	ug/l	11652	4	13.561	39815	50.0
1-Hexanol, 2-et...	13.655	37.9	ug/l	30191	4	13.561	39815	50.0
unknown13.879	13.879	51.6	ug/l	41068	4	13.561	39815	50.0
unknown14.732	14.732	13.7	ug/l	10891	4	13.561	39815	50.0