LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022142.D
Acq On : 24 Feb 2022 17:57
Operator : SY/VA
Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

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\SFAMWLM022322SMA.M
Title : SFAM01.0

Signal : TIC: VW022142.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	39	41	42	rBV2	452	348	0.10%	0.014%
2	2.172	42	44	47	rVB3	567	555	0.16%	0.022%
3	2.349	65	73	80	rBV	34793	58527	17.20%	2.346%
4	2.495	91	97	104	rBV	4792	9461	2.78%	0.379%
5	2.556	105	107	109	rVB3	840	593	0.17%	0.024%
6	2.641	114	121	127	rBV5	3846	10575	3.11%	0.424%
7	2.879	154	160	170	rVB	20251	43441	12.77%	1.741%
8	3.391	241	244	245	rBV2	450	527	0.15%	0.021%
9	3.532	266	267	269	rBV2	396	327	0.10%	0.013%
10	3.660	285	288	291	rBV2	320	430	0.13%	0.017%
11	4.019	337	347	358	rBV	35595	105272	30.93%	4.220%
12	4.129	358	365	373	rVB3	1942	5336	1.57%	0.214%
13	4.196	373	376	379	rBV3	276	435	0.13%	0.017%
14	4.391	405	408	411	rBV2	613	597	0.18%	0.024%
15	4.537	428	432	434	rBV2	309	330	0.10%	0.013%
16	4.903	485	492	495	rBV5	2030	4235	1.24%	0.170%
17	4.995	506	507	510	rVB2	463	335	0.10%	0.013%
18	5.458	581	583	586	rVB2	493	505	0.15%	0.020%
19	5.489	586	588	591	rBV2	384	389	0.11%	0.016%
20	5.574	599	602	605	rVB2	258	339	0.10%	0.014%
21	5.793	630	638	639	rBV4	944	1849	0.54%	0.074%
22	5.940	654	662	670	rBV7	1446	3475	1.02%	0.139%
23	6.214	700	707	715	rVB5	1327	3548	1.04%	0.142%
24	6.299	719	721	723	rBV2	436	416	0.12%	0.017%
25	6.549	760	762	767	rVB	318	409	0.12%	0.016%
26	6.750	792	795	797	rBV2	343	347	0.10%	0.014%
27	6.818	803	806	809	rBV3	399	624	0.18%	0.025%
28	6.903	812	820	821	rBV2	1058	1944	0.57%	0.078%
29	7.074	840	848	862	rBV	16589	47427	13.94%	1.901%
30	7.506	917	919	922	rBV	380	351	0.10%	0.014%
31	7.531	922	923	927	rVV3	404	544	0.16%	0.022%
32	7.647	931	942	954	rVV	64963	159543	46.88%	6.396%
33	7.775	961	963	966	rBV3	366	441	0.13%	0.018%
34	7.945	986	991	995	rVV4	805	1468	0.43%	0.059%
35	8.159	1022	1026	1030	rVB4	823	1112	0.33%	0.045%
36	8.275	1034	1045	1059	rBV2	105919	340312	100.00%	13.642%

LSC Area Percent Report

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Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

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\SFAMWLM022322SMA.M
Title : SFAM01.0

37	8.397	1063	1065	1067	rBV3	644	672	0.20%	0.027%
38	8.622	1099	1102	1106	rVB3	583	861	0.25%	0.035%
39	8.701	1106	1115	1121	rBV4	1481	3377	0.99%	0.135%
40	8.842	1130	1138	1149	rBV	130058	259397	76.22%	10.399%
41	8.939	1152	1154	1157	rVB2	562	599	0.18%	0.024%
42	8.970	1157	1159	1160	rBV2	388	392	0.12%	0.016%
43	9.073	1168	1176	1185	rBV2	8863	20327	5.97%	0.815%
44	9.134	1185	1186	1189	rVB	761	457	0.13%	0.018%
45	9.189	1192	1195	1198	rBV	295	393	0.12%	0.016%
46	9.274	1198	1209	1222	rBV	79412	168035	49.38%	6.736%
47	9.409	1228	1231	1237	rVB5	1452	2977	0.87%	0.119%
48	9.476	1240	1242	1245	rBV2	358	565	0.17%	0.023%
49	9.530	1249	1251	1254	rVV2	393	348	0.10%	0.014%
50	9.579	1254	1259	1260	rVV2	339	419	0.12%	0.017%
51	9.658	1267	1272	1279	rBV4	1698	3884	1.14%	0.156%
52	9.805	1294	1296	1300	rBV	289	325	0.10%	0.013%
53	9.945	1316	1319	1321	rBV	834	828	0.24%	0.033%
54	10.036	1327	1334	1341	rBV	39587	73402	21.57%	2.942%
55	10.091	1341	1343	1345	rVV3	461	354	0.10%	0.014%
56	10.116	1345	1347	1354	rVB3	835	1627	0.48%	0.065%
57	10.207	1358	1362	1365	rBV4	580	852	0.25%	0.034%
58	10.323	1372	1381	1388	rBV	109319	195003	57.30%	7.817%
59	10.384	1388	1391	1398	rVB	2665	4806	1.41%	0.193%
60	10.500	1404	1410	1416	rVB6	1594	3426	1.01%	0.137%
61	10.579	1416	1423	1429	rBV	27400	49235	14.47%	1.974%
62	10.707	1439	1444	1449	rVB2	2490	4647	1.37%	0.186%
63	10.823	1459	1463	1470	rVB3	2426	4478	1.32%	0.180%
64	10.920	1472	1479	1487	rBV	64249	112642	33.10%	4.516%
65	11.012	1489	1494	1499	rVV	9654	17050	5.01%	0.683%
66	11.067	1499	1503	1508	rVV6	2104	4822	1.42%	0.193%
67	11.177	1520	1521	1523	rVV2	668	329	0.10%	0.013%
68	11.231	1527	1530	1533	rVB3	720	838	0.25%	0.034%
69	11.292	1538	1540	1542	rBV3	411	348	0.10%	0.014%
70	11.347	1545	1549	1555	rVB5	693	1353	0.40%	0.054%
71	11.408	1555	1559	1560	rBV3	731	876	0.26%	0.035%
72	11.426	1560	1562	1563	rVB	572	347	0.10%	0.014%
73	11.524	1574	1578	1584	rVV3	1436	2870	0.84%	0.115%
74	11.628	1588	1595	1605	rVB	118092	204952	60.22%	8.216%
75	11.731	1605	1612	1618	rVB	16922	28788	8.46%	1.154%
76	11.835	1622	1629	1639	rBV	28275	56347	16.56%	2.259%

LSC Area Percent Report

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Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

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\SFAMWLM022322SMA.M
Title : SFAM01.0

77	11.932	1642	1645	1646	rBV2	558	366	0.11%	0.015%
78	11.975	1650	1652	1653	rBV3	481	348	0.10%	0.014%
79	12.024	1657	1660	1663	rVB4	512	433	0.13%	0.017%
80	12.115	1670	1675	1677	rBV6	916	1293	0.38%	0.052%
81	12.164	1677	1683	1693	rVB2	25208	44146	12.97%	1.770%
82	12.243	1693	1696	1701	rVB6	737	1517	0.45%	0.061%
83	12.335	1706	1711	1714	rBV4	1984	3224	0.95%	0.129%
84	12.463	1727	1732	1734	rBV4	954	1400	0.41%	0.056%
85	12.603	1750	1755	1763	rBV2	5774	11730	3.45%	0.470%
86	12.688	1763	1769	1776	rVV	80826	136564	40.13%	5.474%
87	12.749	1776	1779	1784	rVV4	1899	3057	0.90%	0.123%
88	12.810	1784	1789	1795	rVV3	6881	11455	3.37%	0.459%
89	12.884	1799	1801	1802	rBV	590	355	0.10%	0.014%
90	13.030	1820	1825	1826	rBV5	922	1482	0.44%	0.059%
91	13.158	1844	1846	1848	rBV3	631	569	0.17%	0.023%
92	13.225	1855	1857	1858	rBV	658	471	0.14%	0.019%
93	13.396	1880	1885	1889	rBV7	2081	3807	1.12%	0.153%
94	13.444	1891	1893	1894	rBV2	774	417	0.12%	0.017%
95	13.463	1894	1896	1900	rBV4	679	895	0.26%	0.036%
96	13.554	1905	1911	1920	rBV	61905	105744	31.07%	4.239%
97	13.853	1954	1960	1967	rVB	48156	83026	24.40%	3.328%
98	14.066	1990	1995	2005	rVB3	9589	22837	6.71%	0.915%
99	14.792	2109	2114	2120	rBV6	5053	11413	3.35%	0.458%
100	15.066	2155	2159	2166	rVB7	4769	8387	2.46%	0.336%

Sum of corrected areas: 2494551

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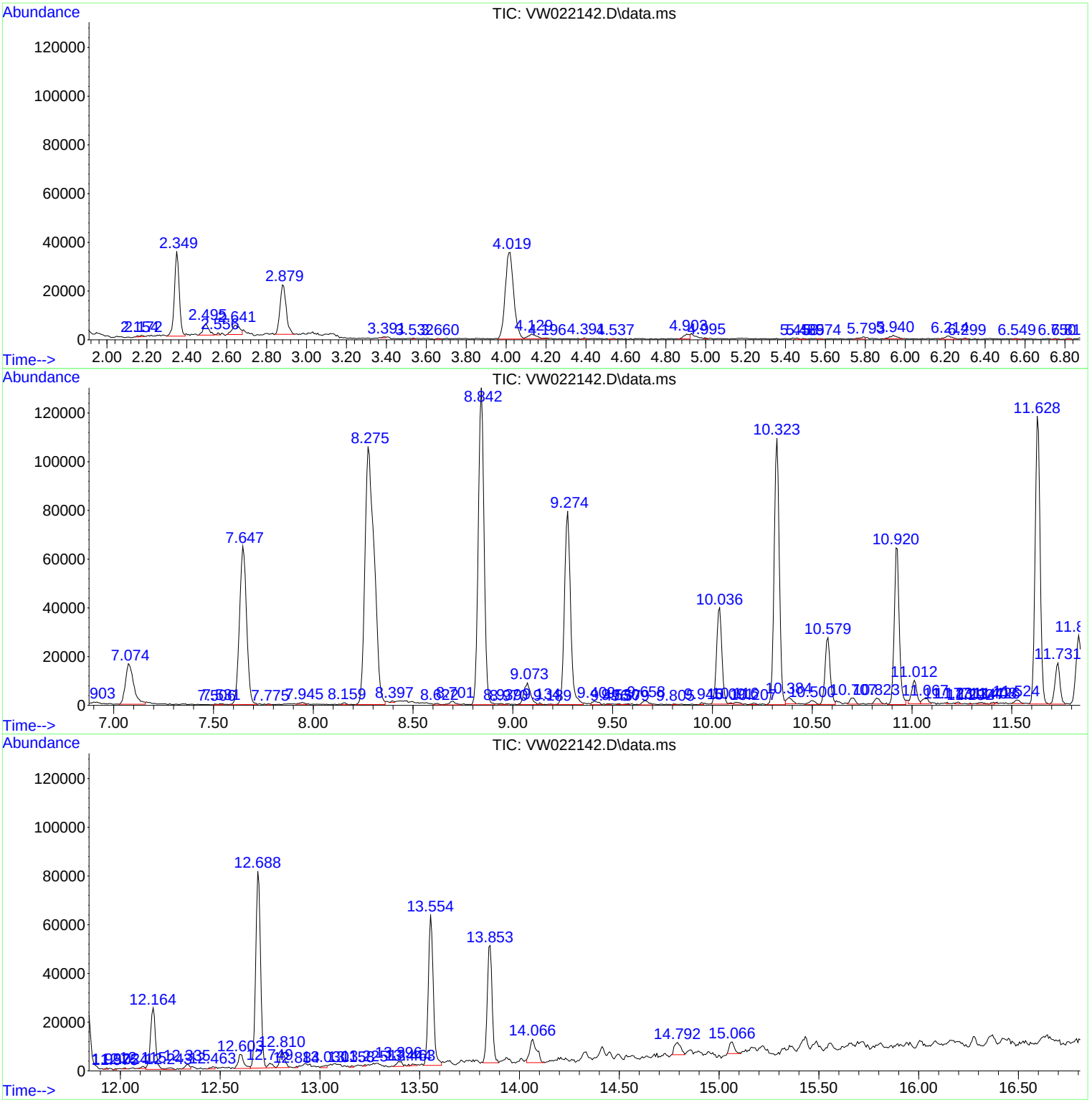
Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022142.D
Acq On : 24 Feb 2022 17:57
Operator : SY/VA
Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

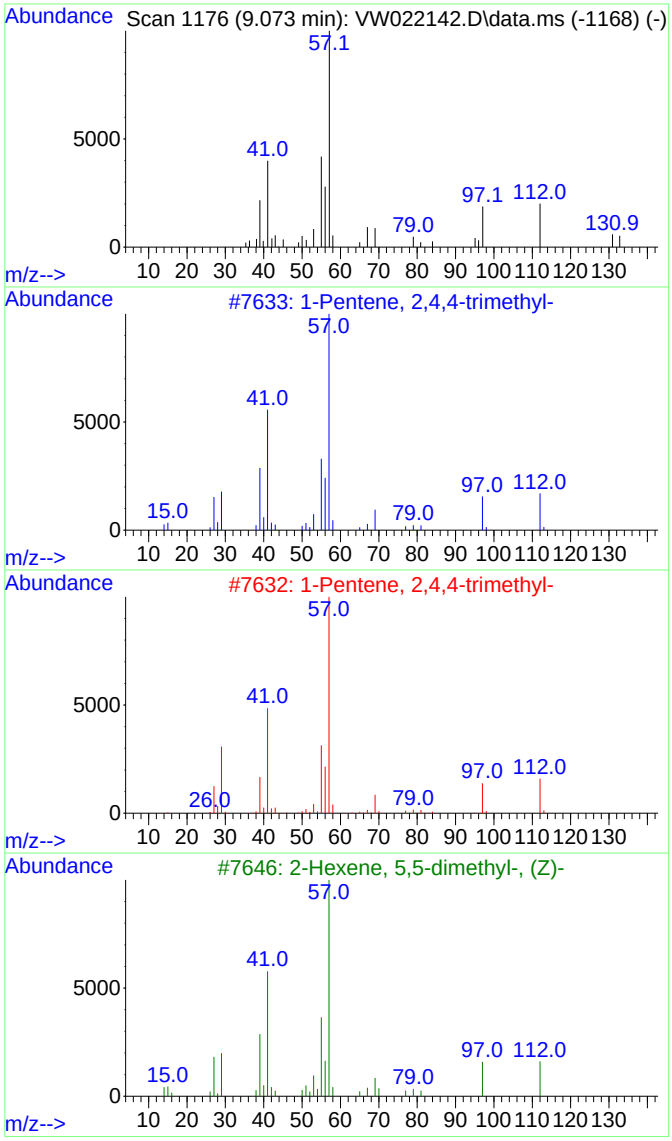
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

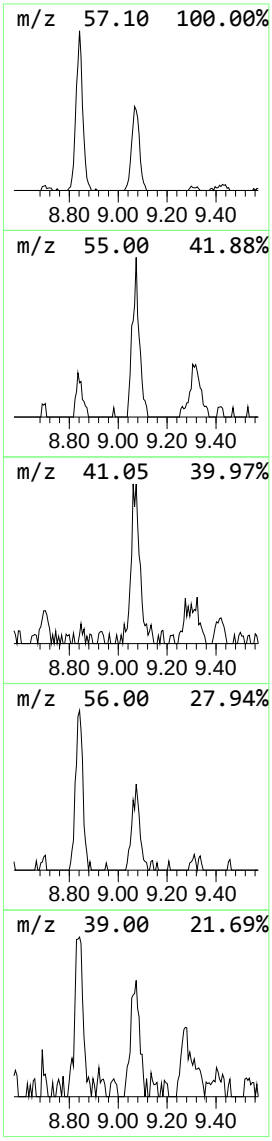
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	1.96 ug/L	20327	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	68
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	52
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	47
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022142.D
Acq On : 24 Feb 2022 17:57
Operator : SY/VA
Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

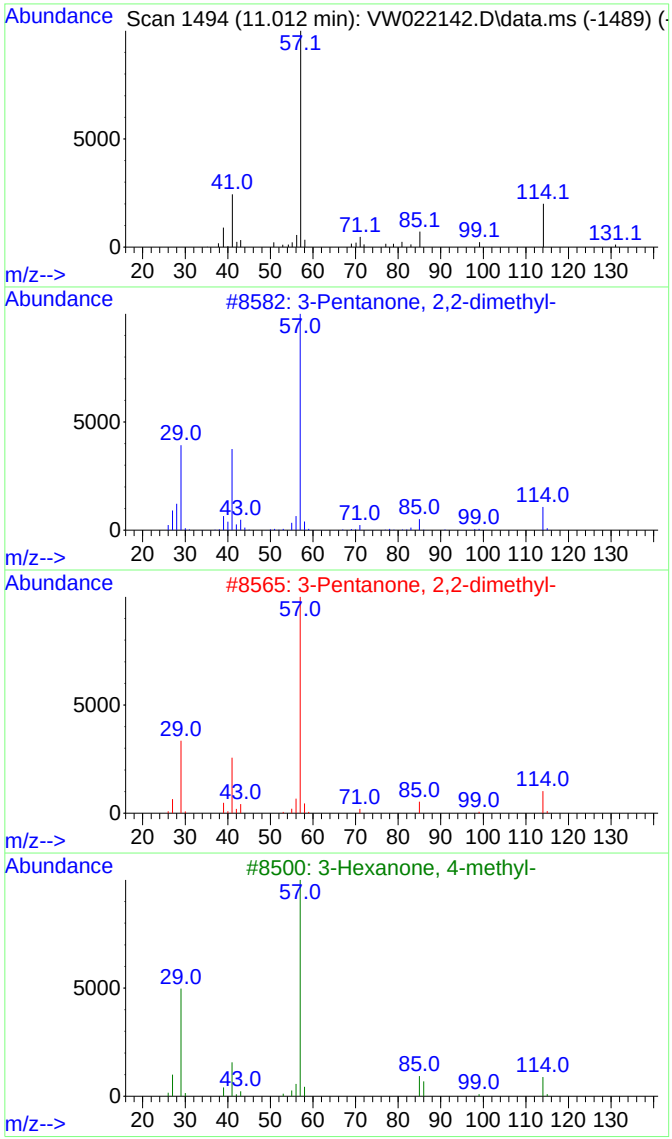
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

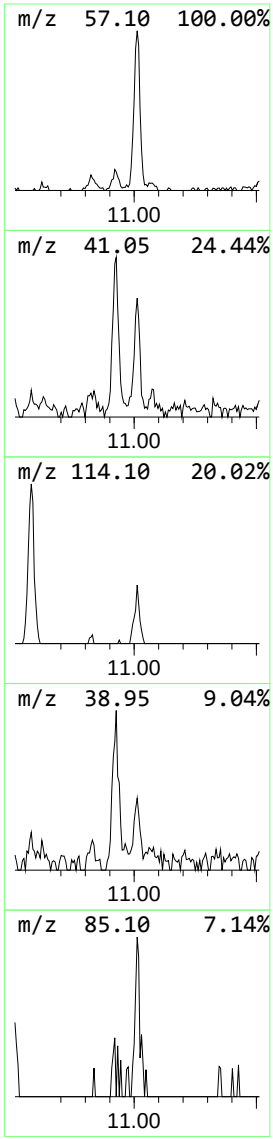
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Pentanone, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.012	2.08 ug/L	17050	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	50
2	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	45
3	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	42
4	Propanoic acid, 2,2-dimethyl-, t...	158	C9H18O2	016474-43-4	25
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	17





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Instrument :
MSVOA_W
ClientSampleId :
DBRL6

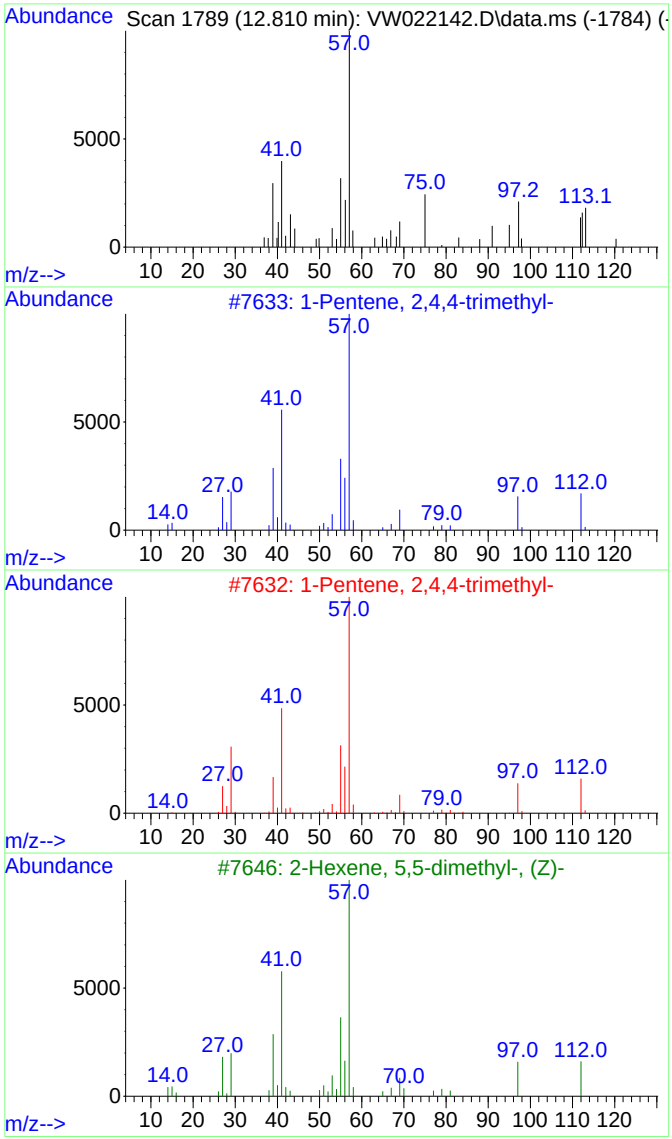
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

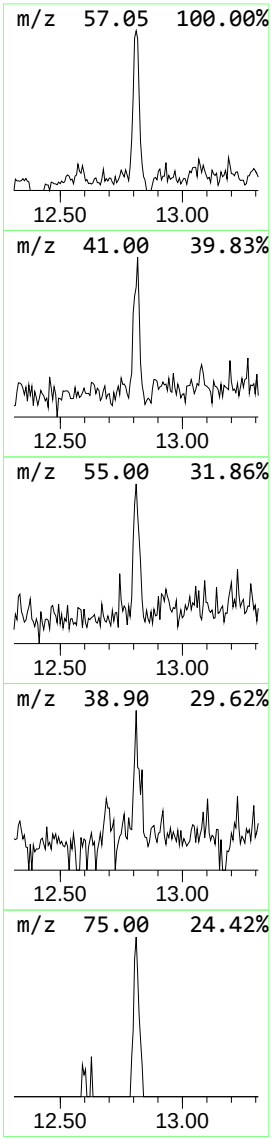
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	2.71 ug/L	11455	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	50
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	47
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	38
4	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	35
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
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Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

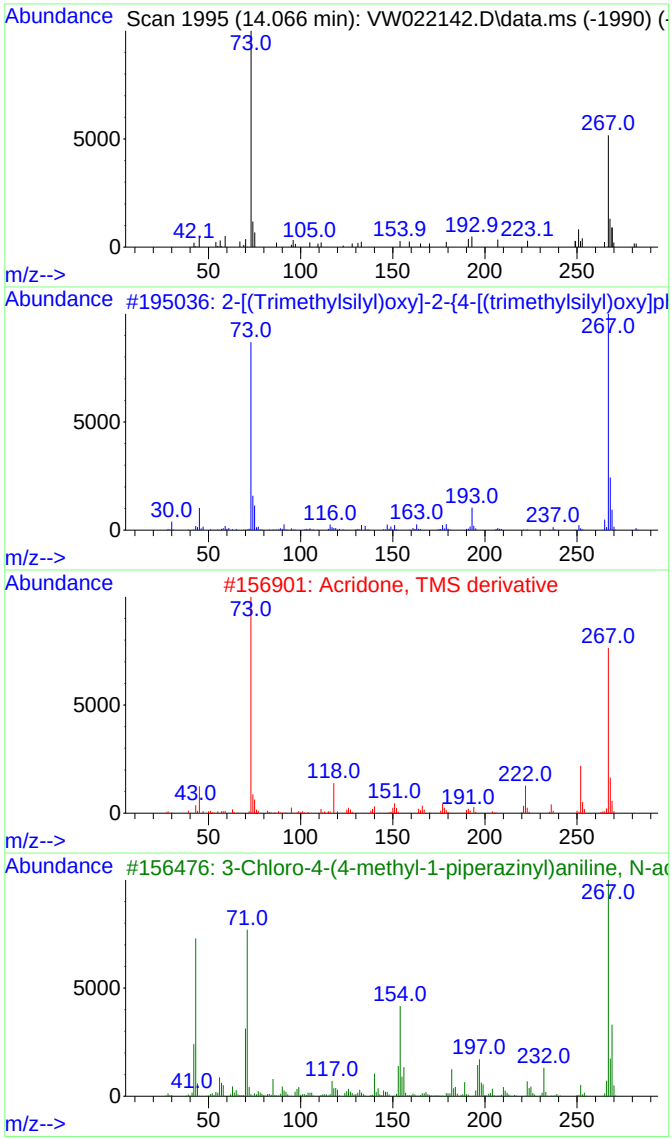
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

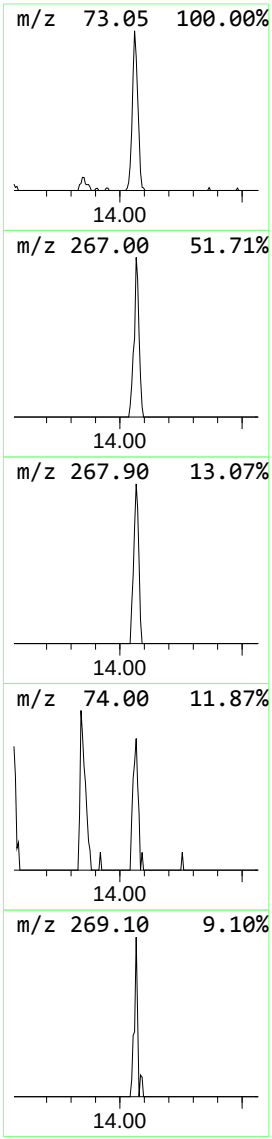
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-[(Trimethylsilyl)oxy]-2-{... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	5.40 ug/L	22837	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	59
2	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	59
3	3-Chloro-4-(4-methyl-1-piperazin...	267	C13H18ClN3O	842114-91-4	46
4	2,4-Dihydroxybenzaldehyde, 2TMS ...	282	C13H22O3Si2	033617-38-8	45
5	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022142.D
Acq On : 24 Feb 2022 17:57
Operator : SY/VA
Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

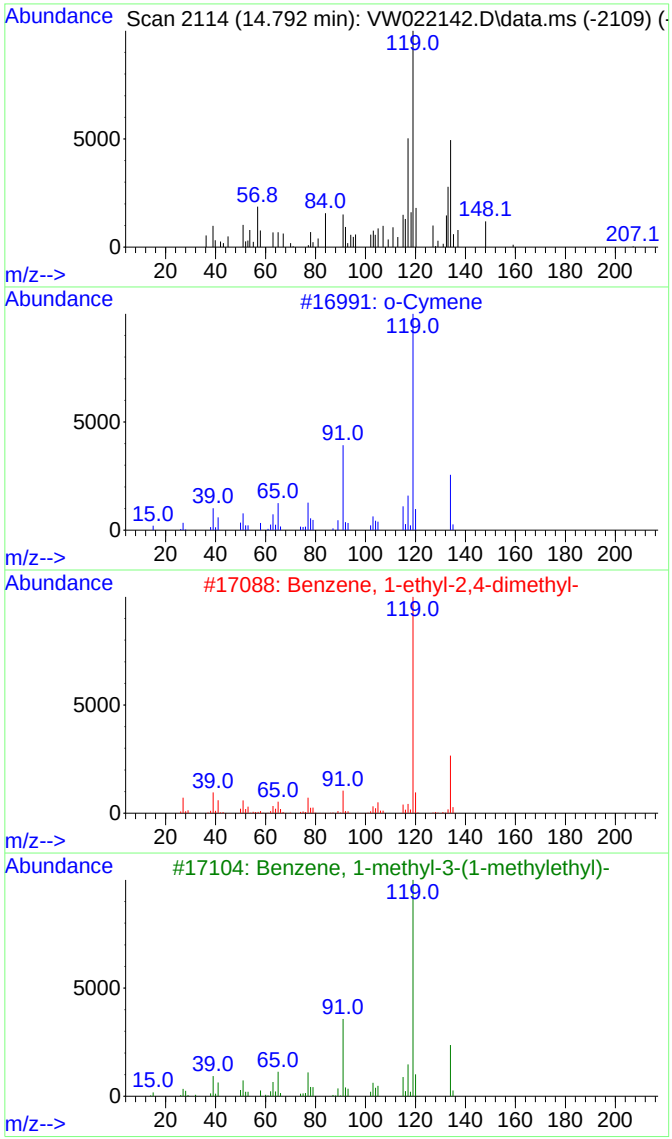
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

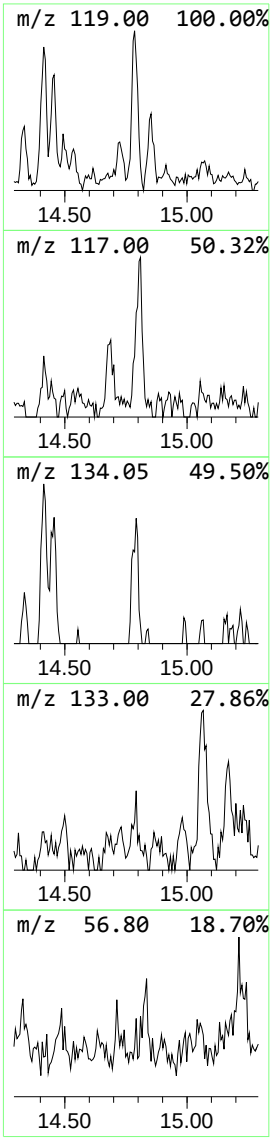
****

Peak Number 7 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	2.70 ug/L	11413	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	49
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022142.D
Acq On : 24 Feb 2022 17:57
Operator : SY/VA
Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

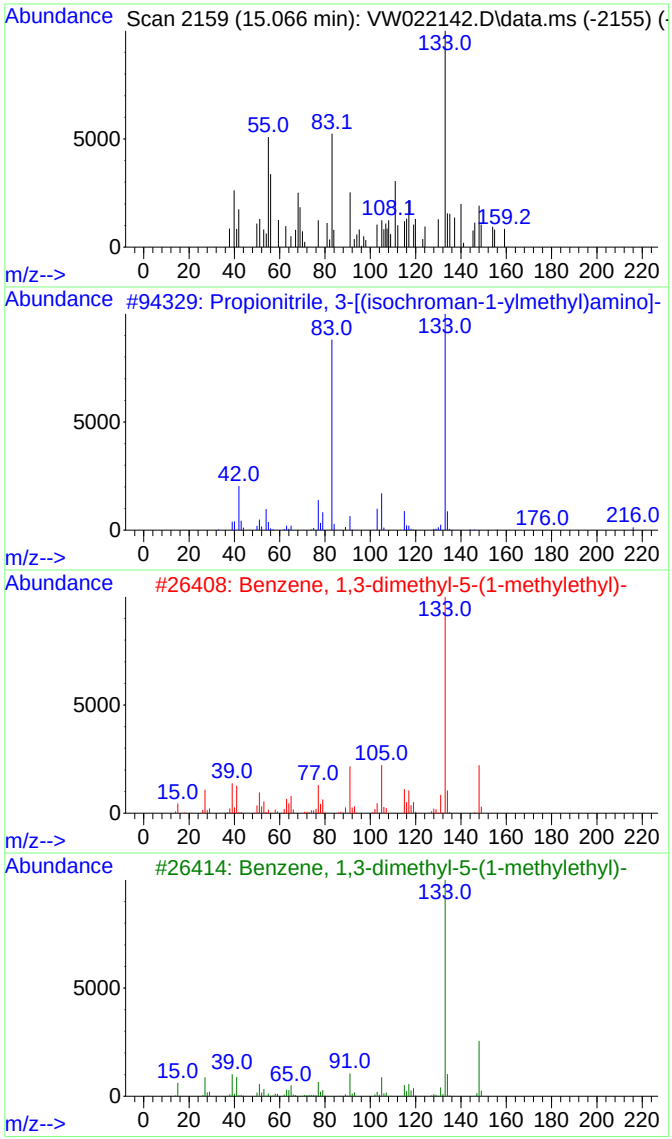
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

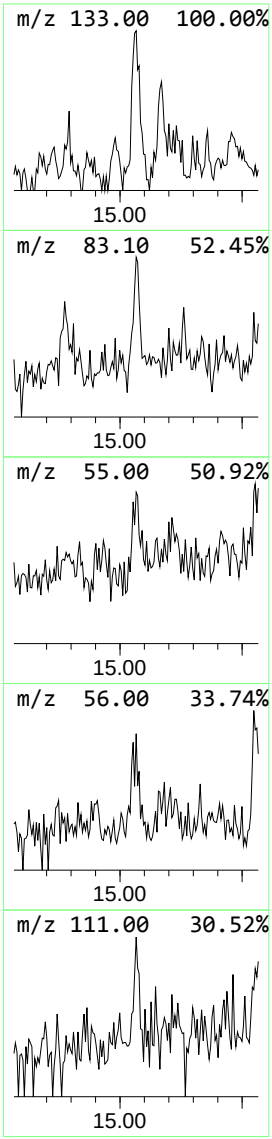
****

Peak Number 8 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	1.98 ug/L	8387	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionitrile, 3-[(isochroman-1-...	216	C13H16N2O	1000302-78-5	35
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27
4	2-Aminoindane	133	C9H11N	002975-41-9	27
5	2-Aminoindane	133	C9H11N	002975-41-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
Data File : VW022142.D
Acq On : 24 Feb 2022 17:57
Operator : SY/VA
Sample : N1631-16
Misc : 6.03g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBRL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	9.073	2.0	ug/L	20327	1	8.842	259397	25.0
3-Pentanone, 2,...	11.012	2.1	ug/L	17050	2	11.628	204952	25.0
(DEL) Alkane: S...	12.810	2.7	ug/L	11455	3	13.554	105744	25.0
2-[(Trimethylsi...	14.066	5.4	ug/L	22837	3	13.554	105744	25.0
unknown-01	14.792	2.7	ug/L	11413	3	13.554	105744	25.0
unknown-02	15.066	2.0	ug/L	8387	3	13.554	105744	25.0