

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073213.D
 Acq On : 21 May 2022 06:50
 Operator : VA/SY
 Sample : N2885-09
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS006-0006-01

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\82D051922S.M
 Title : SW846 8260

Signal : TIC: VD073213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.238	385	394	403	rBV2	28304	75686	2.58%	0.463%
2	4.956	507	516	531	rBV3	27208	89906	3.07%	0.550%
3	5.991	682	692	702	rVB6	16161	46859	1.60%	0.287%
4	7.185	885	895	907	rBV2	48614	146313	4.99%	0.895%
5	7.909	1008	1018	1023	rBV2	270366	629910	21.49%	3.854%
6	7.973	1023	1029	1040	rVB	456867	1032193	35.21%	6.316%
7	8.320	1072	1088	1101	rBV3	233850	634486	21.64%	3.882%
8	8.861	1171	1180	1190	rBV	652902	1326758	45.26%	8.118%
9	9.903	1351	1357	1362	rBV5	18469	35696	1.22%	0.218%
10	10.332	1422	1430	1438	rVV	1078676	1873086	63.90%	11.461%
11	10.414	1438	1444	1446	rVV3	45178	93100	3.18%	0.570%
12	10.438	1446	1448	1454	rVV2	45401	56270	1.92%	0.344%
13	10.714	1486	1495	1503	rVV	84743	168754	5.76%	1.033%
14	11.073	1548	1556	1570	rBV	107067	199440	6.80%	1.220%
15	11.638	1641	1652	1660	rBV	986217	1801838	61.47%	11.025%
16	11.702	1660	1663	1667	rVV2	34401	65725	2.24%	0.402%
17	11.885	1689	1694	1701	rVB2	47947	81189	2.77%	0.497%
18	12.073	1721	1726	1730	rBV3	31002	52884	1.80%	0.324%
19	12.249	1750	1756	1761	rBV	82240	137100	4.68%	0.839%
20	12.602	1808	1816	1826	rBV2	1060603	2931456	100.00%	17.936%
21	12.720	1826	1836	1839	rVV5	100096	313828	10.71%	1.920%
22	12.761	1839	1843	1854	rVB2	206720	473395	16.15%	2.896%
23	12.967	1868	1878	1884	rBV3	137076	335197	11.43%	2.051%
24	13.014	1884	1886	1895	rVB3	36750	64635	2.20%	0.395%
25	13.120	1895	1904	1906	rBV4	20989	45974	1.57%	0.281%
26	13.202	1909	1918	1924	rVV	237988	477548	16.29%	2.922%
27	13.308	1931	1936	1944	rVB	74463	117583	4.01%	0.719%
28	13.414	1944	1954	1959	rBV	279509	537218	18.33%	3.287%
29	13.473	1959	1964	1971	rVV3	163382	333508	11.38%	2.041%
30	13.561	1972	1979	1984	rVV	1006172	1714971	58.50%	10.493%
31	13.614	1984	1988	1998	rVB2	168294	355237	12.12%	2.174%
32	13.779	2008	2016	2021	rBV3	46291	95975	3.27%	0.587%

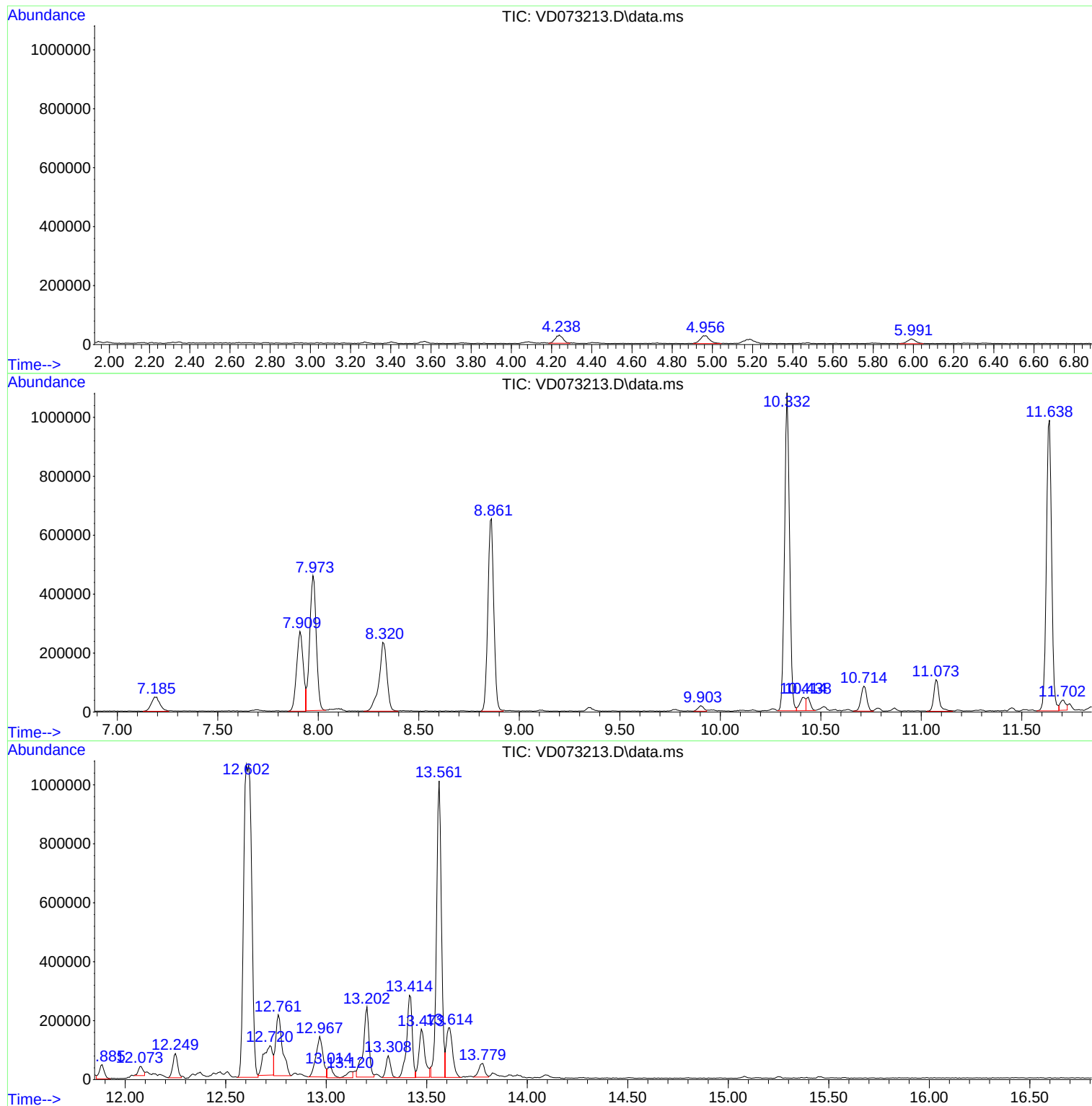
Sum of corrected areas: 16343718

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

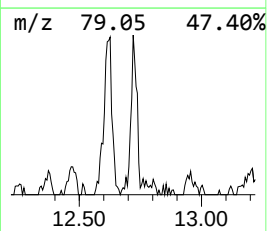
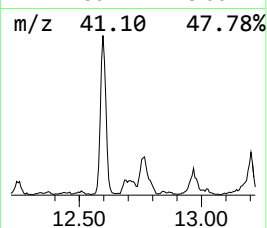
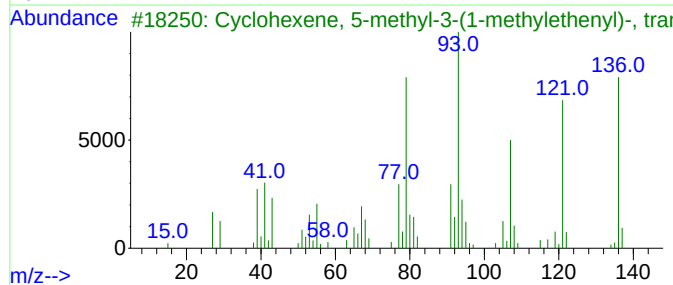
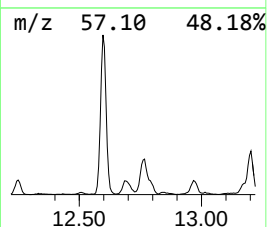
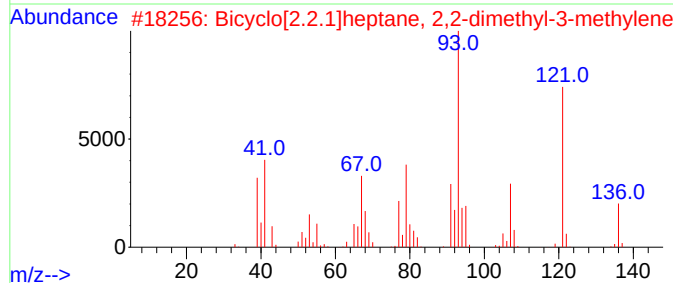
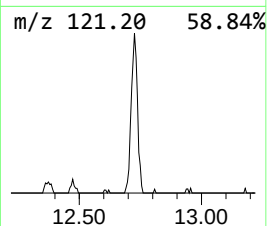
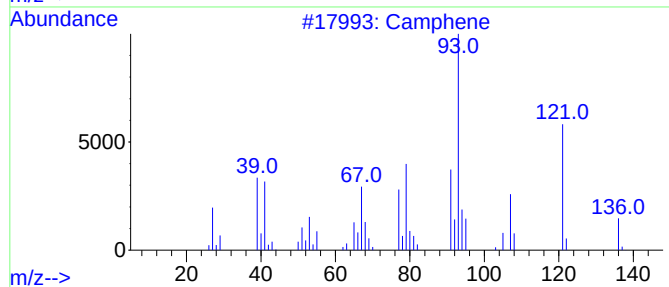
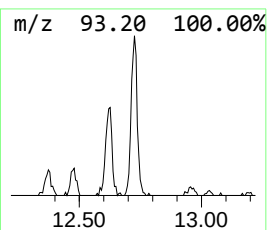
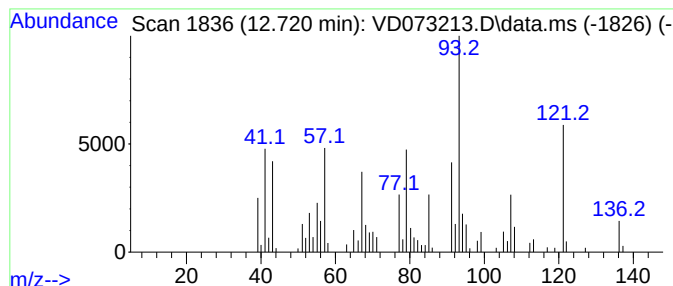
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 3 Camphene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.720	9.15 ug/l	313828	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	97
2			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	90
3			Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	64
4			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	60
5			Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

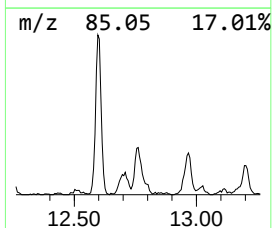
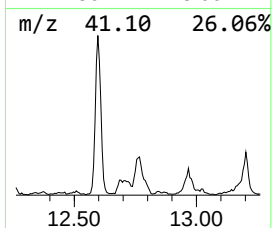
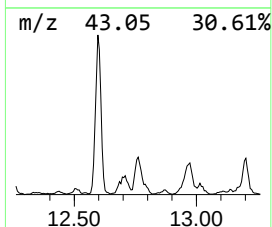
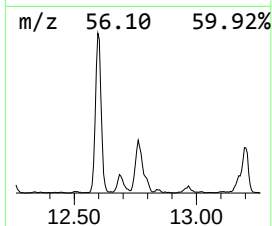
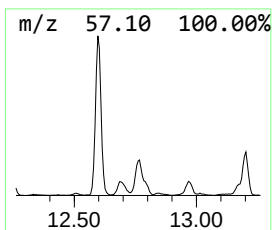
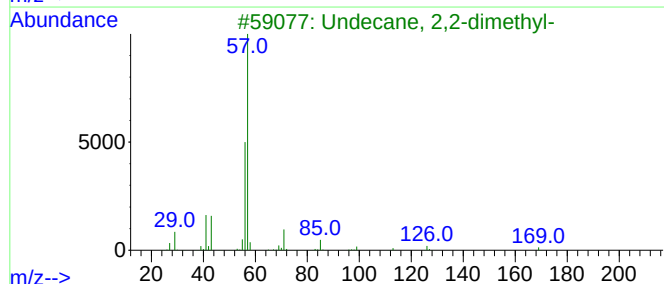
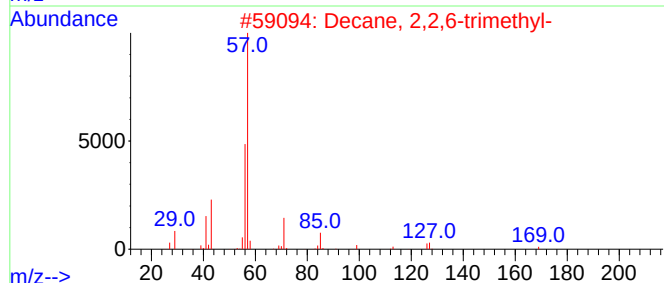
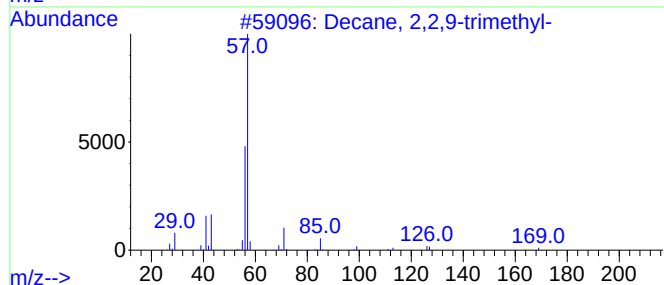
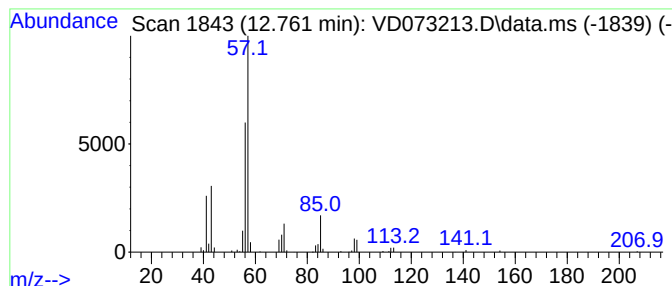
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 4 Decane, 2,2,9-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.761	13.80 ug/l	473395	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
2			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
3			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	64
4			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

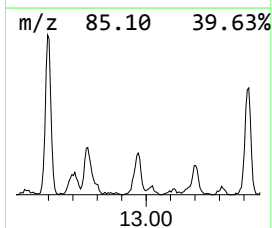
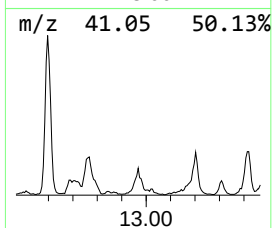
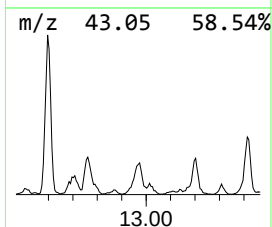
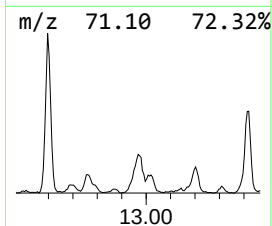
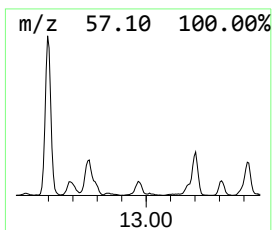
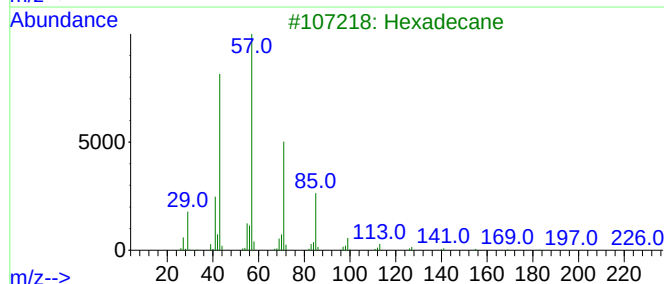
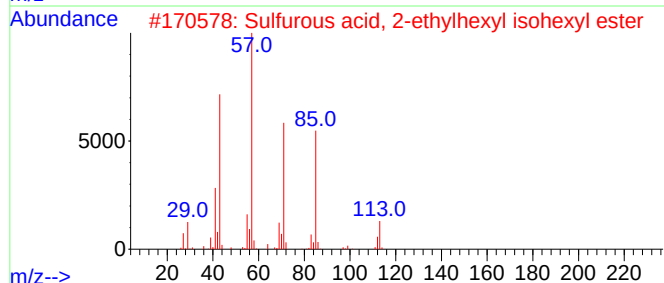
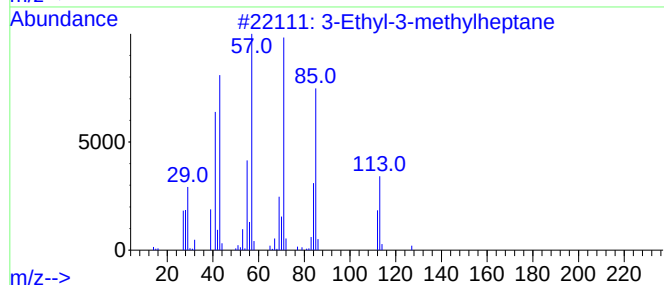
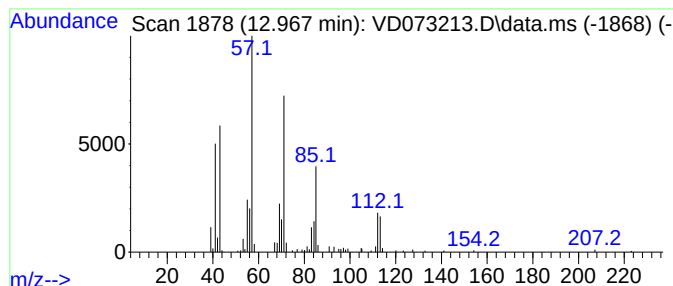
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 5 3-Ethyl-3-methylheptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	9.77 ug/l	335197	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
2			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
3			Hexadecane	226	C16H34	000544-76-3	59
4			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53
5			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

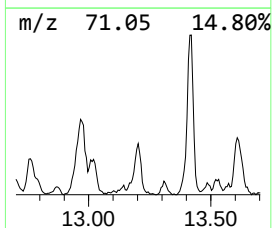
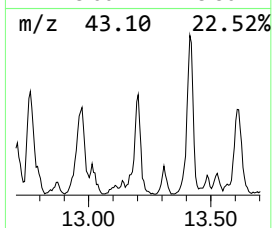
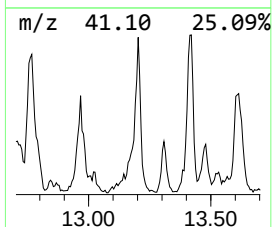
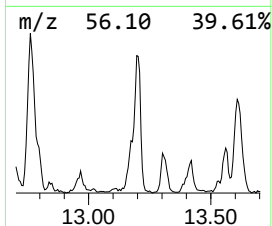
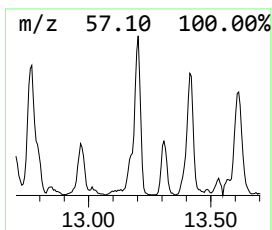
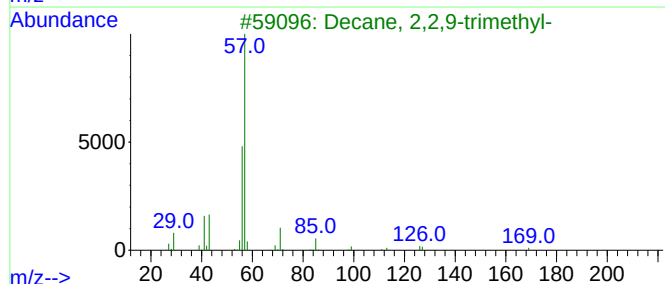
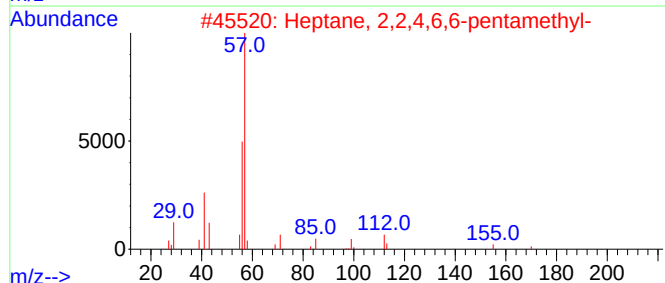
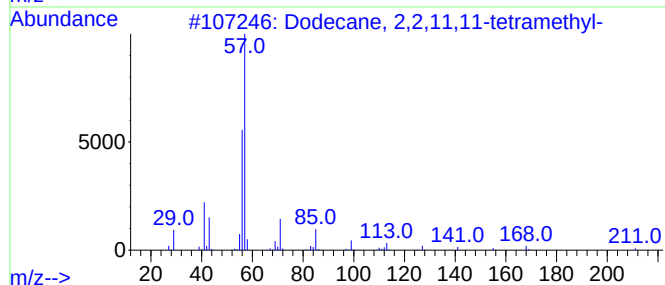
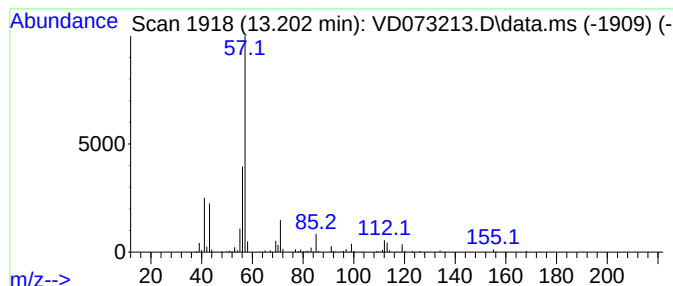
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 6 Dodecane, 2,2,11,11-tetrame... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.202	13.92 ug/l	477548	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
3			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
4			Decanal	156	C10H20O	000112-31-2	64
5			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

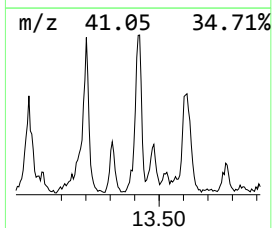
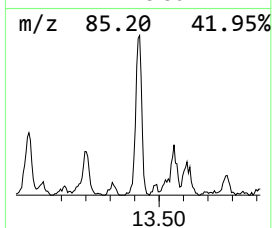
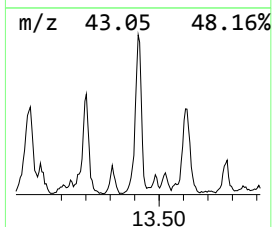
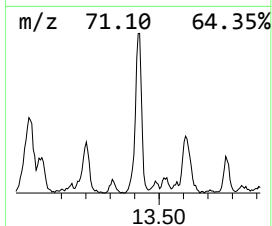
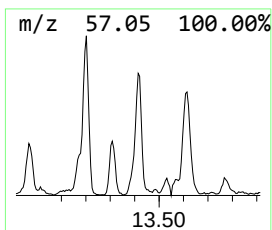
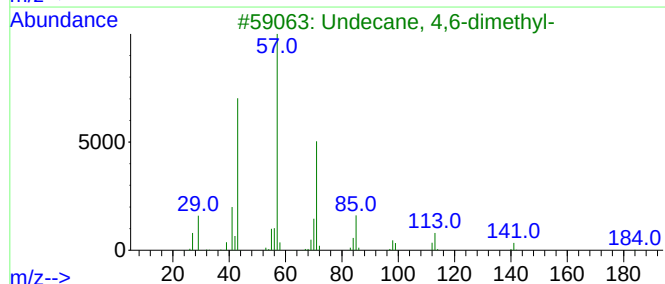
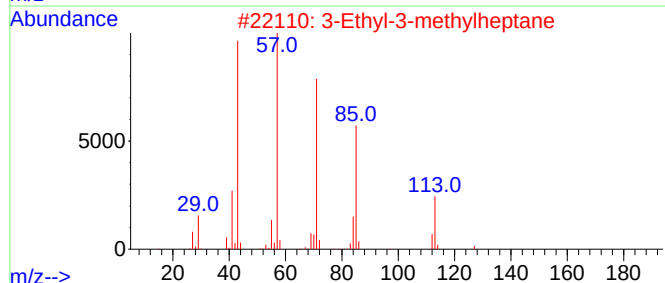
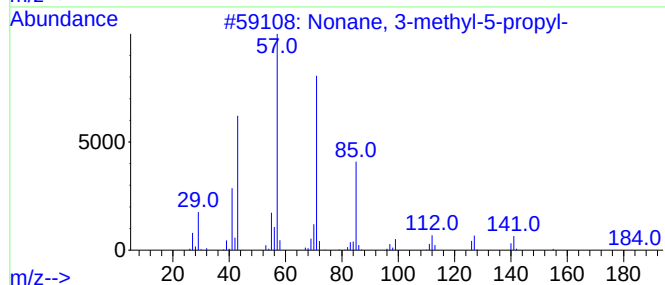
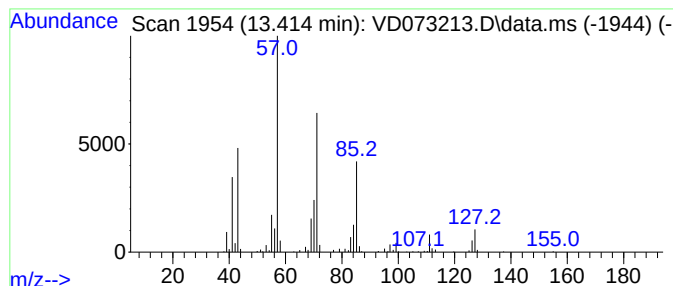
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 7 Nonane, 3-methyl-5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.414	15.66 ug/l	537218	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	53
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

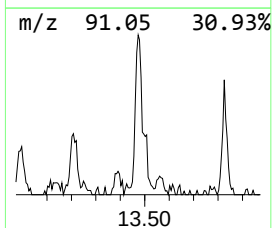
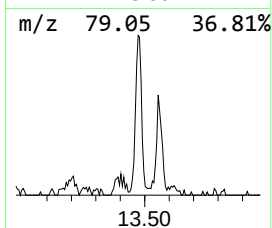
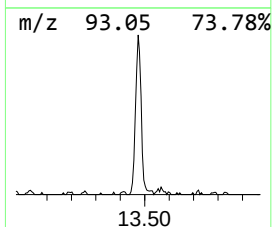
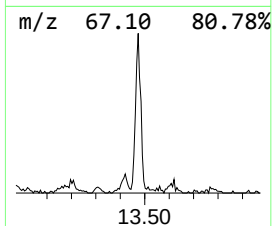
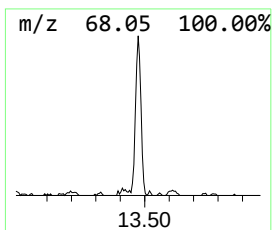
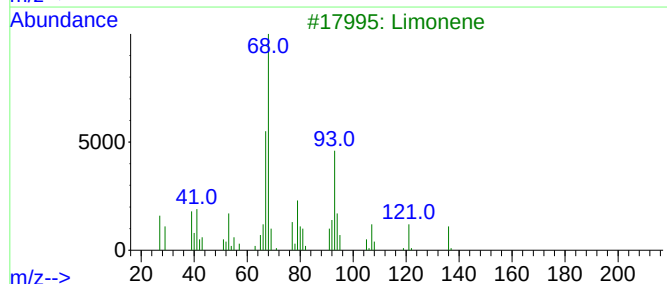
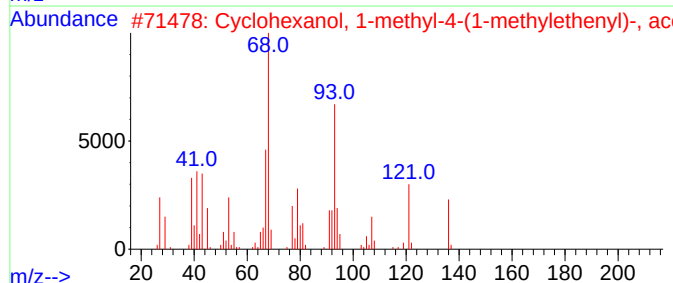
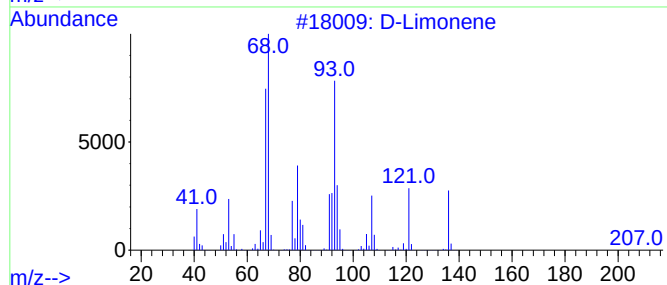
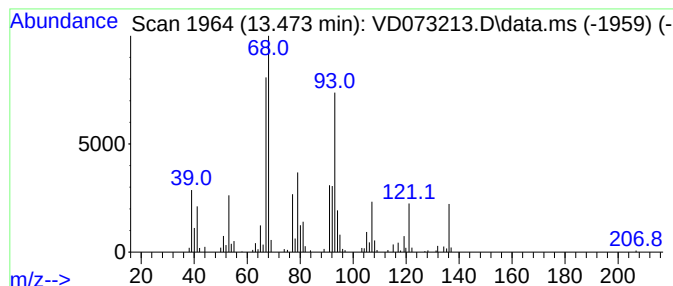
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 8 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.473	9.72 ug/l	333508	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	93
2			Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	72
3			Limonene	136	C10H16	000138-86-3	68
4			Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	58
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

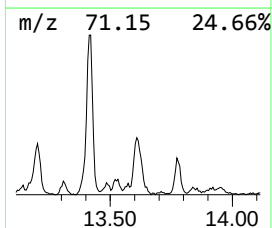
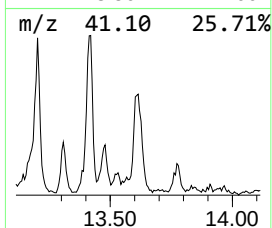
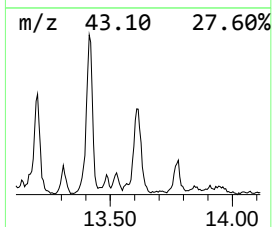
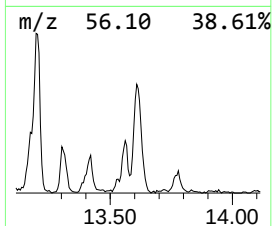
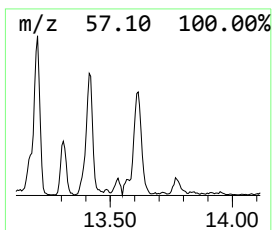
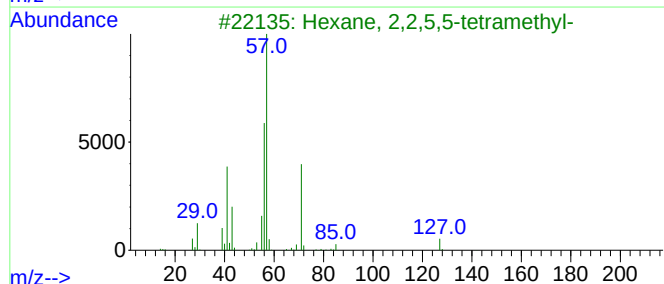
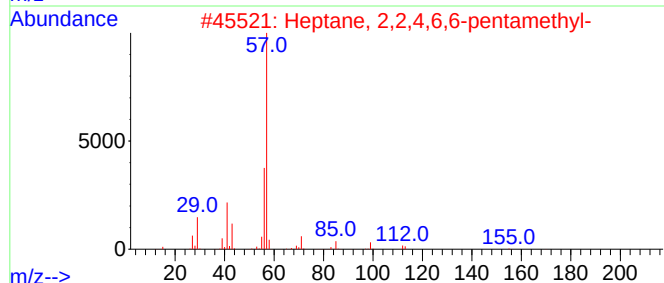
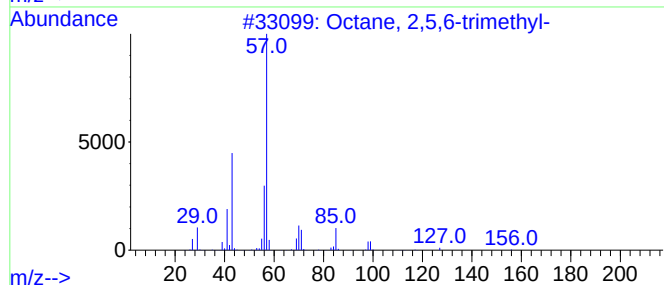
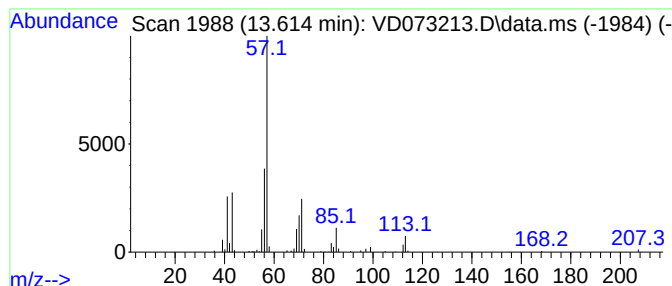
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 9 Octane, 2,5,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.614	10.36 ug/l	355237	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	43
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073213.D
Acq On : 21 May 2022 06:50
Operator : VA/SY
Sample : N2885-09
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Camphene	12.720	9.2	ug/l	313828	4	13.561	1714970	50.0
Decane, 2,2,9-t...	12.761	13.8	ug/l	473395	4	13.561	1714970	50.0
3-Ethyl-3-methy...	12.967	9.8	ug/l	335197	4	13.561	1714970	50.0
Dodecane, 2,2,1...	13.202	13.9	ug/l	477548	4	13.561	1714970	50.0
Nonane, 3-methy...	13.414	15.7	ug/l	537218	4	13.561	1714970	50.0
D-Limonene	13.473	9.7	ug/l	333508	4	13.561	1714970	50.0
Octane, 2,5,6-t...	13.614	10.4	ug/l	355237	4	13.561	1714970	50.0