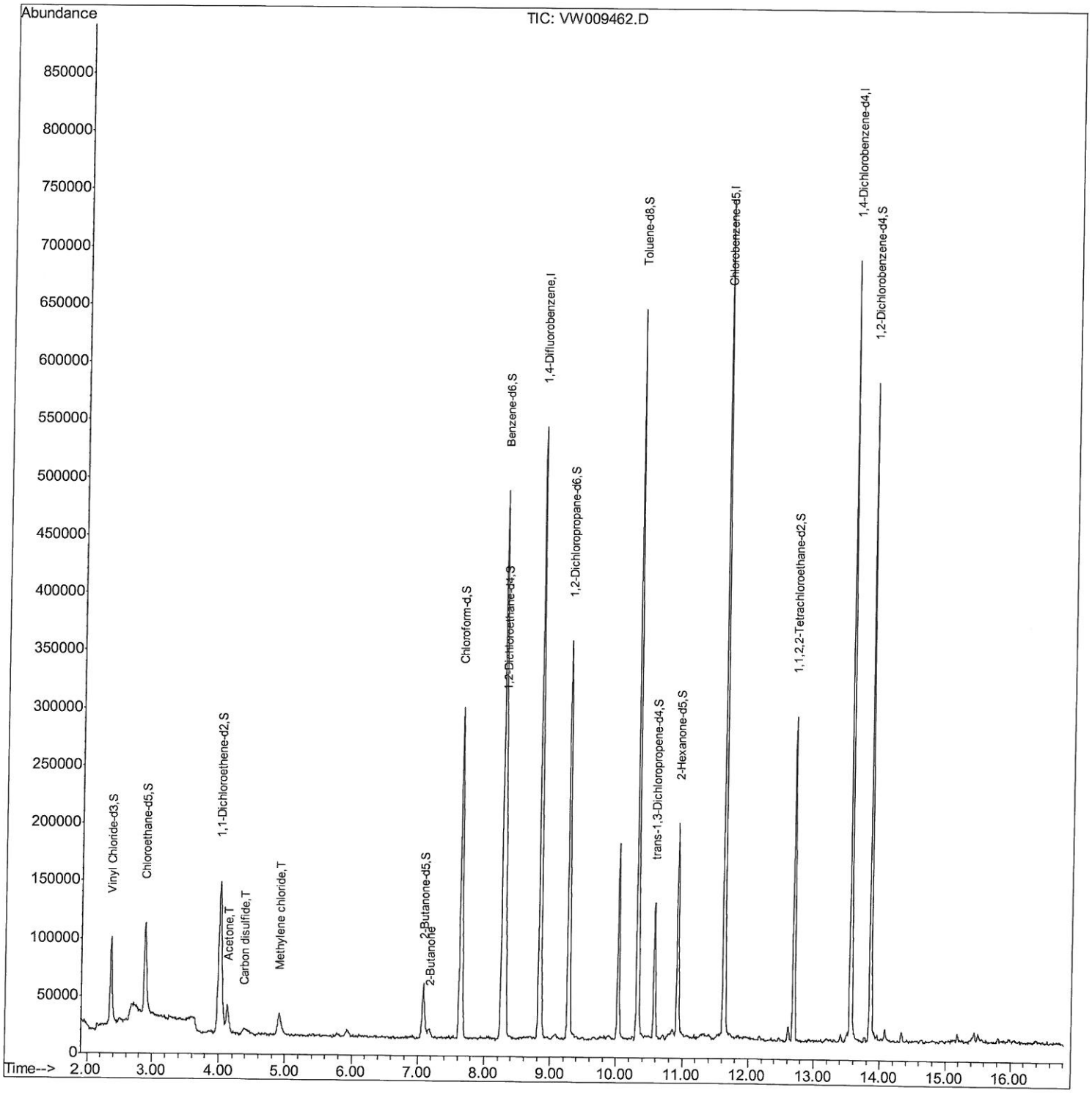
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 06:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM



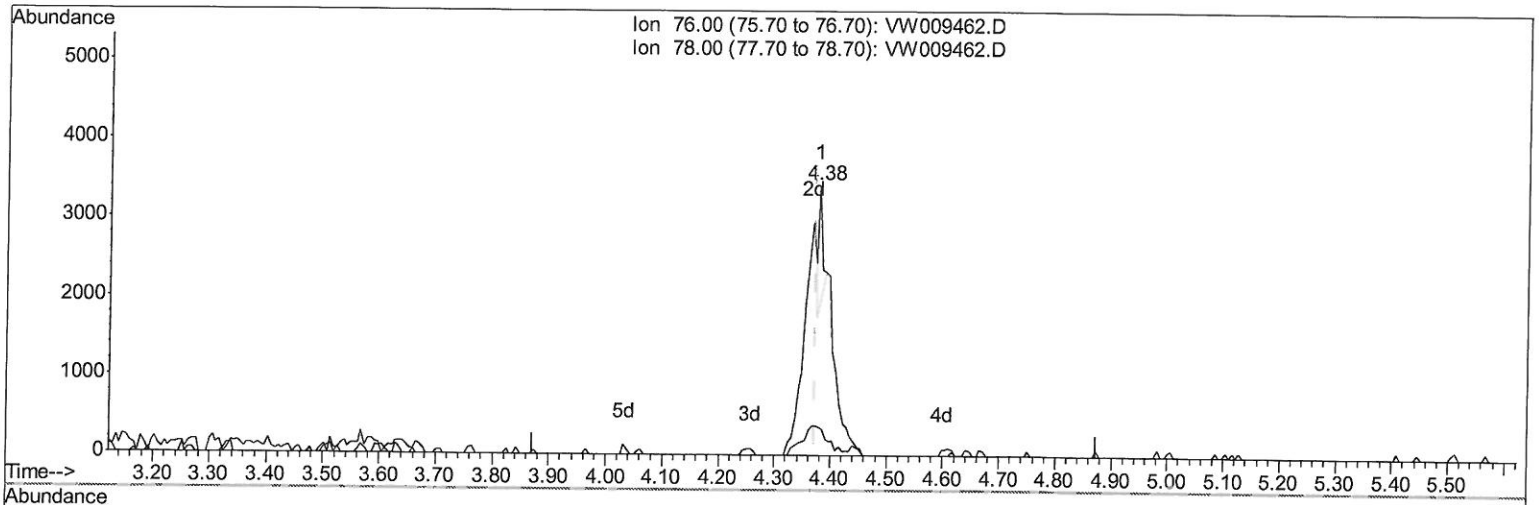
Quantitation Report (Qedit)

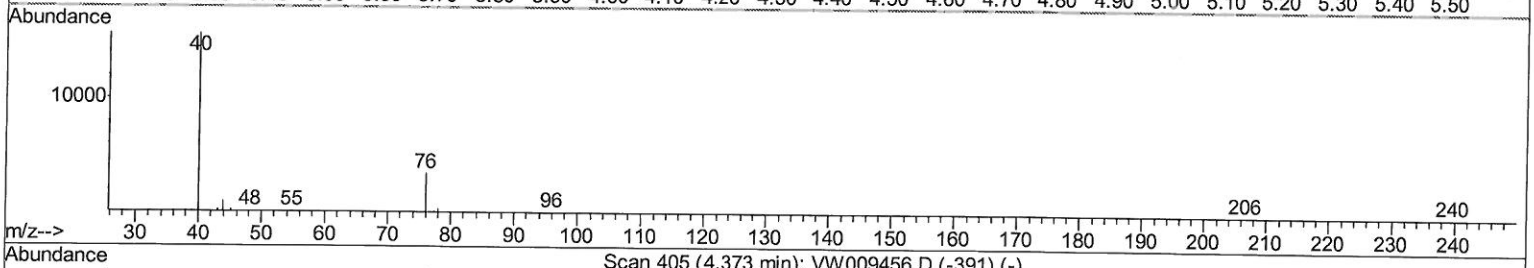
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

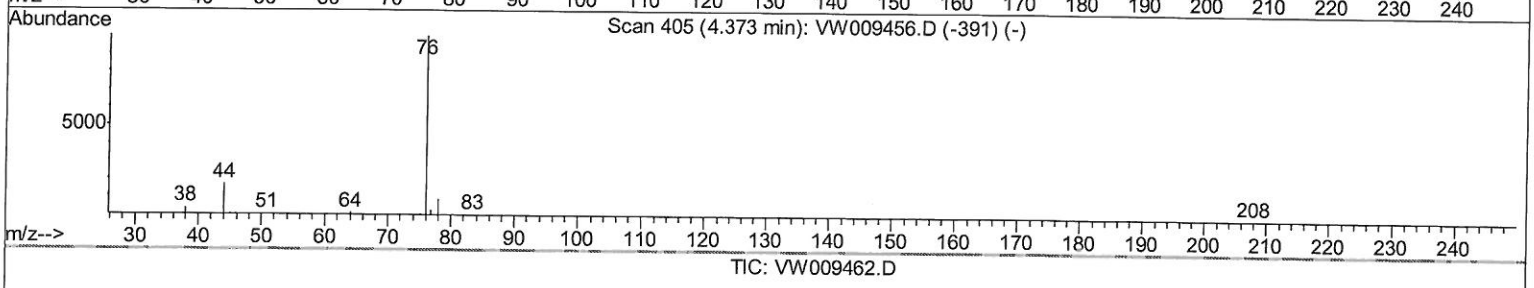
Quant Time: Mar 27 01:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM







TIC: VW009462.D

(14) Carbon disulfide (T)

4.379min (+0.006) 0.05ug/L

response 737

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	10.53
0.00	0.00	0.00
0.00	0.00	0.00

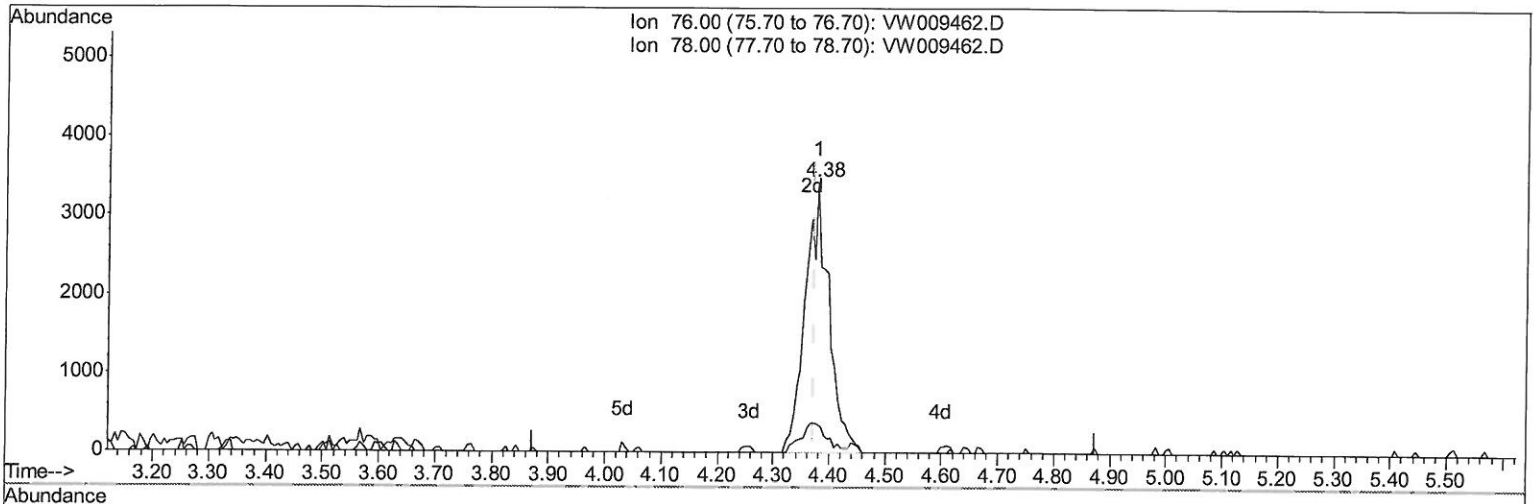
Quantitation Report (Qedit)

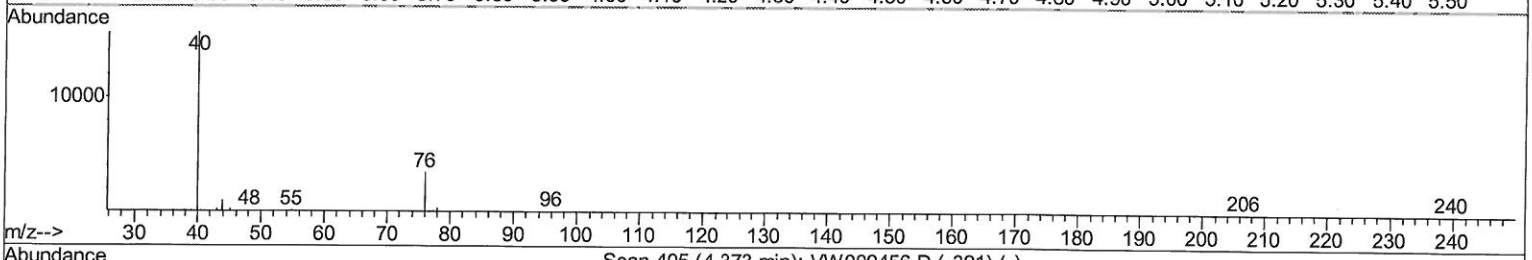
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

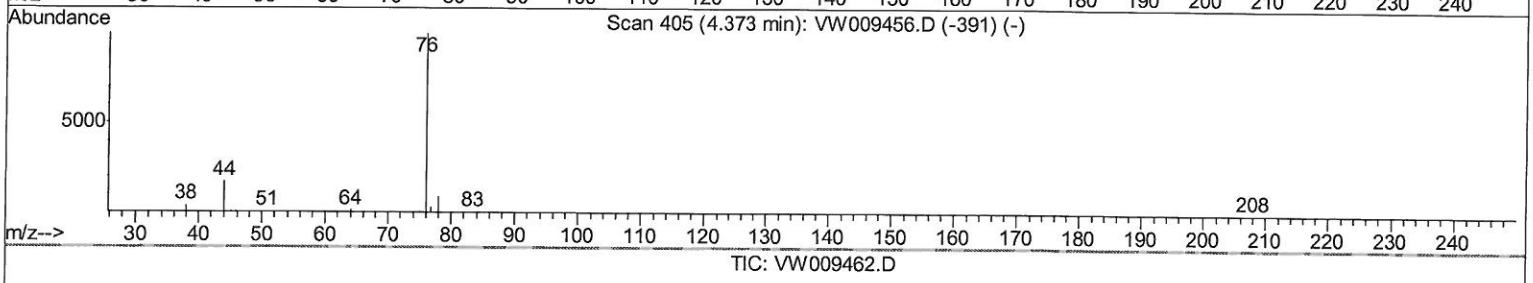
Quant Time: Mar 27 01:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM







TIC: VW009462.D

(14) Carbon disulfide (T)

4.379min (+0.006) 0.73ug/L m

response 10000

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	10.53
0.00	0.00	0.00
0.00	0.00	0.00

> MQ 4/16/19

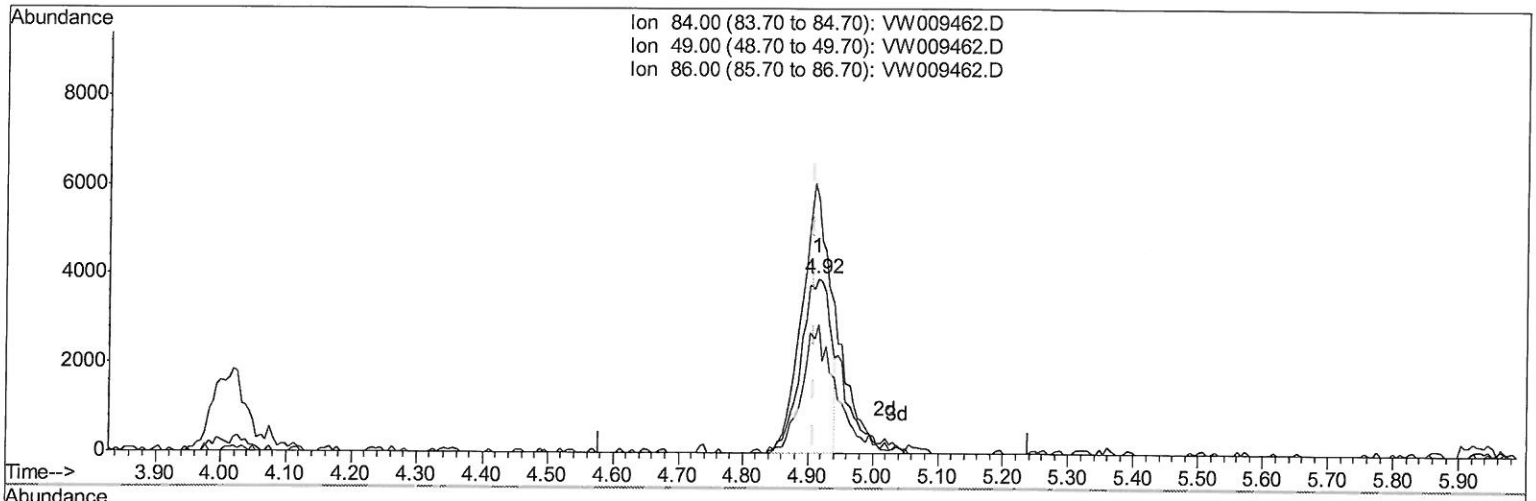
Quantitation Report (Qedit)

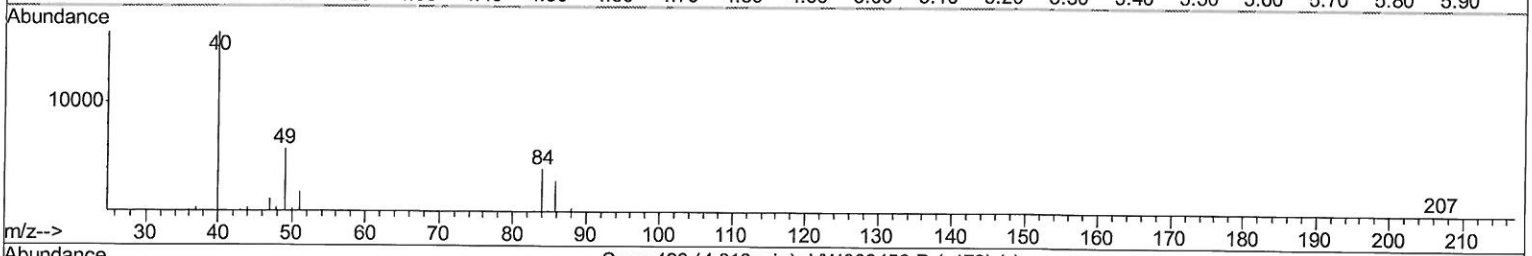
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

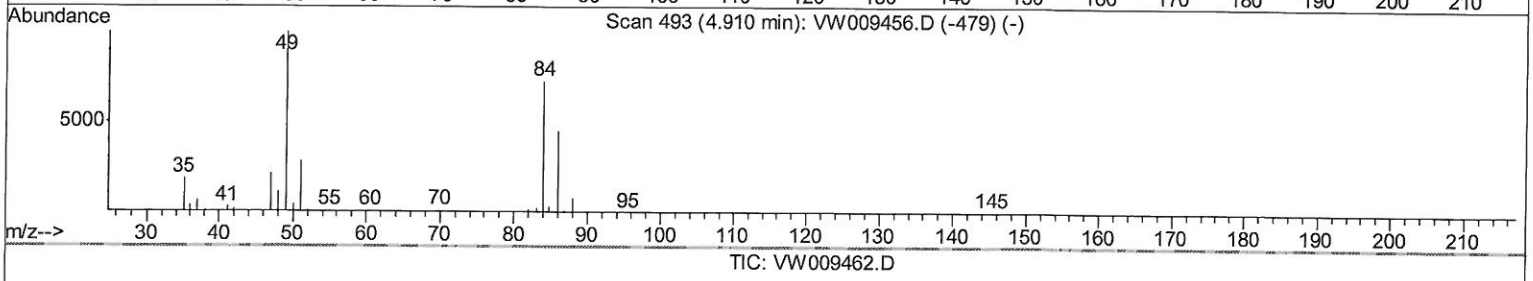
Quant Time: Mar 27 01:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM







TIC: VW009462.D

(16) Methylene chloride (T)

4.915min (+0.006) 2.08ug/L

response 12491

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	145.49
86.00	63.50	73.96
0.00	0.00	0.00

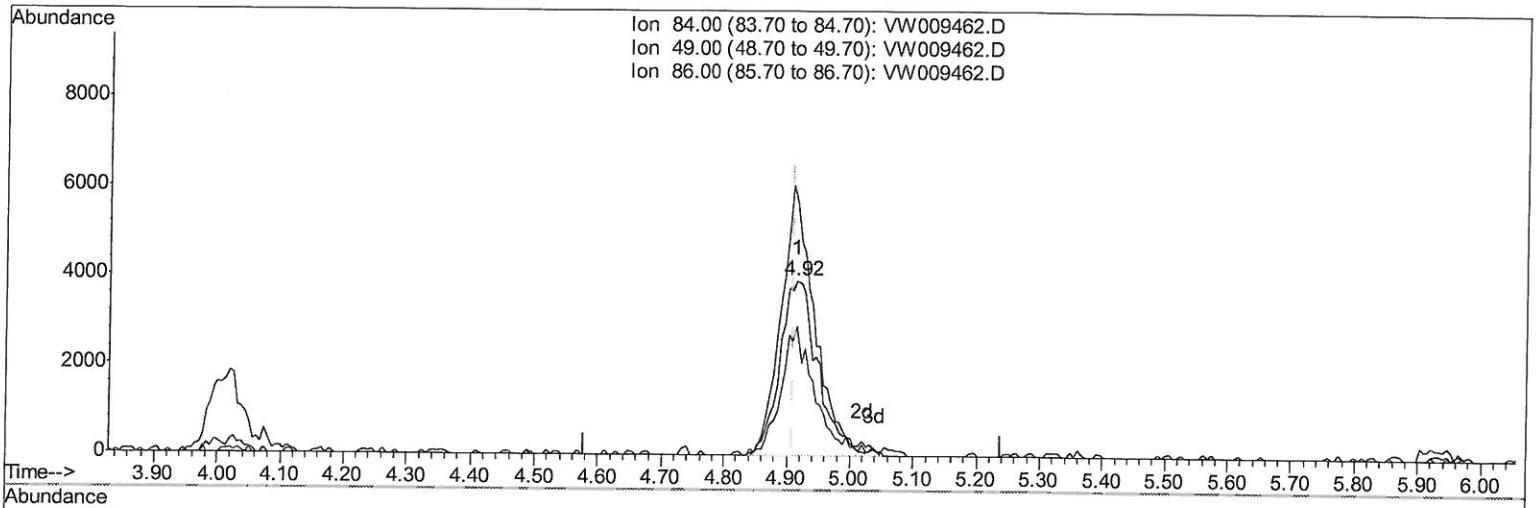
Quantitation Report (Qedit)

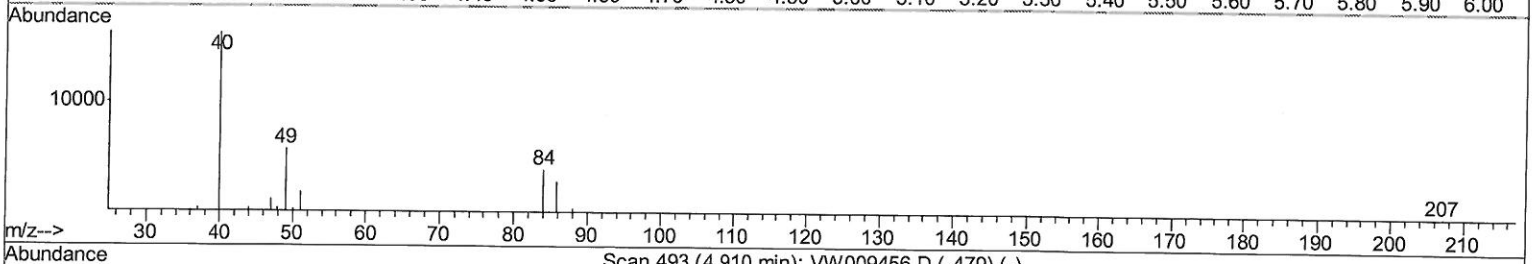
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

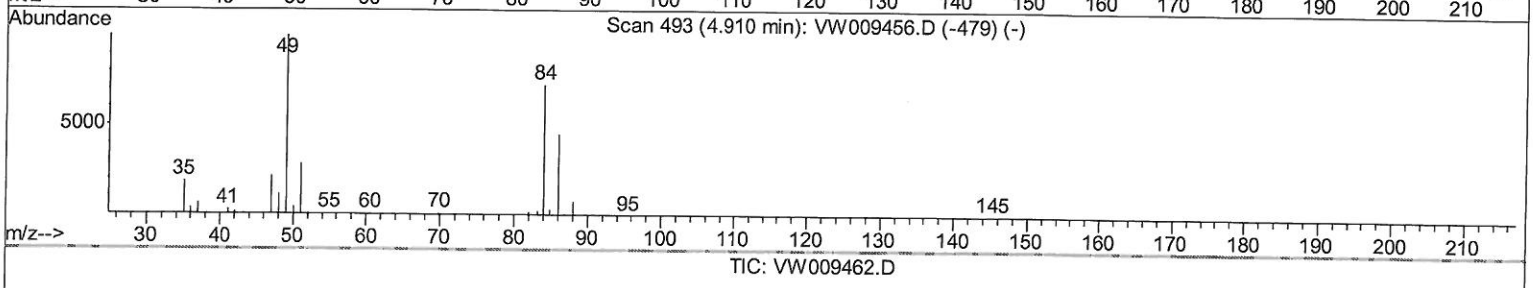
Quant Time: Mar 27 01:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM







TIC: VW009462.D

(16) Methylene chloride (T)

4.915min (+0.006) 2.73ug/L m

response 16371

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	145.49
86.00	63.50	73.96
0.00	0.00	0.00

MD 4/16/19

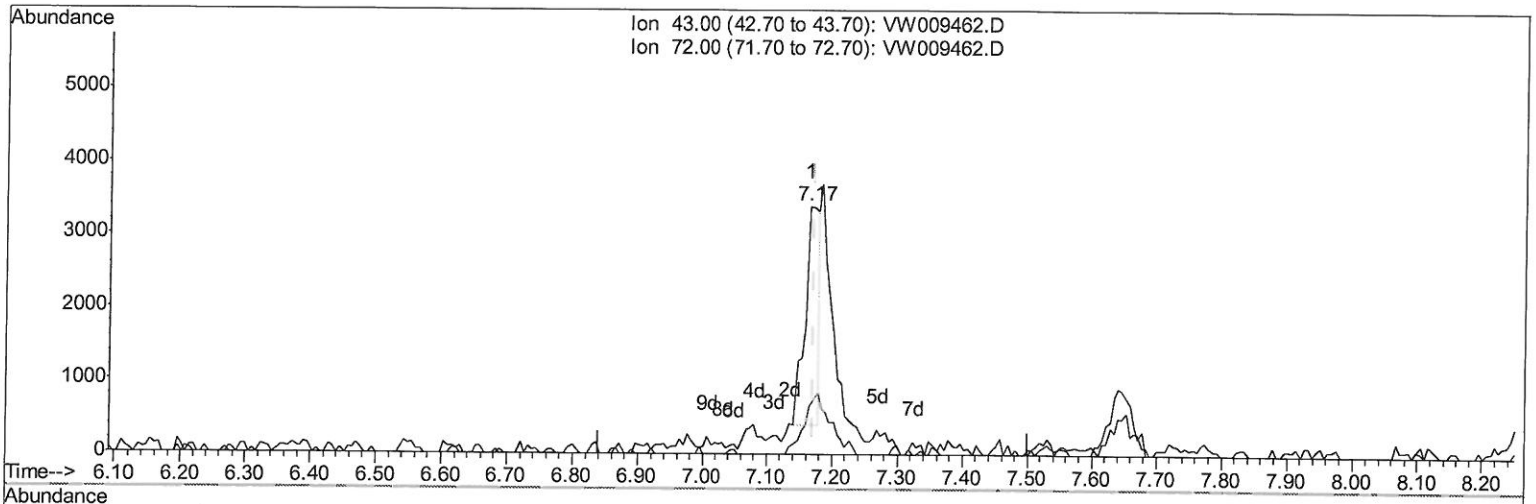
Quantitation Report (Qedit)

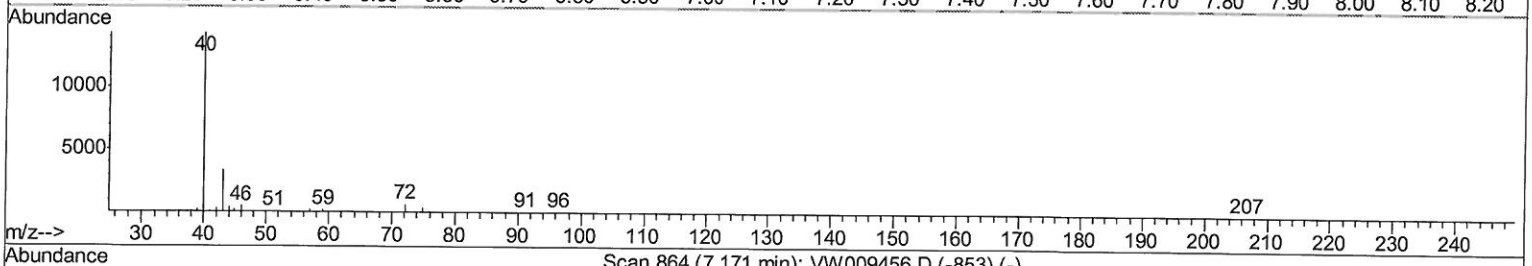
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

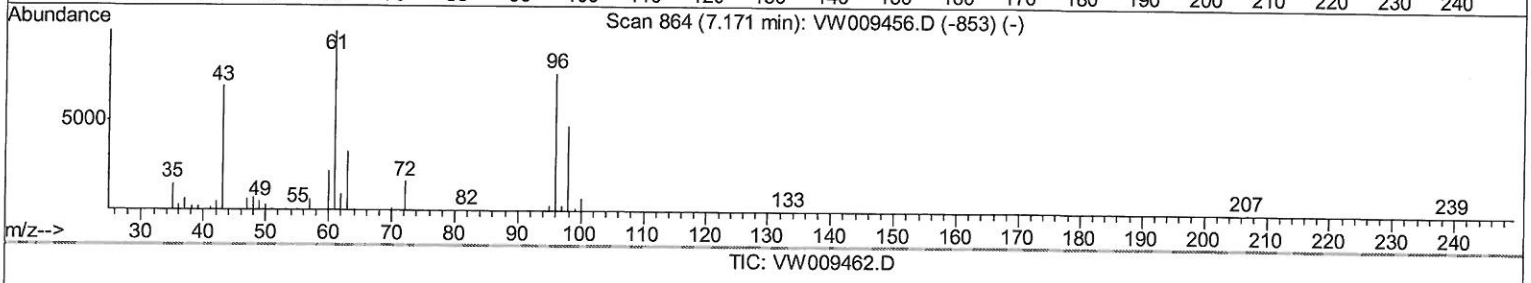
Quant Time: Mar 27 01:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM







TIC: VW009462.D

(21) 2-Butanone

7.165min (-0.006) 1.90ug/L

response 4386

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	50.21#
0.00	0.00	0.00
0.00	0.00	0.00

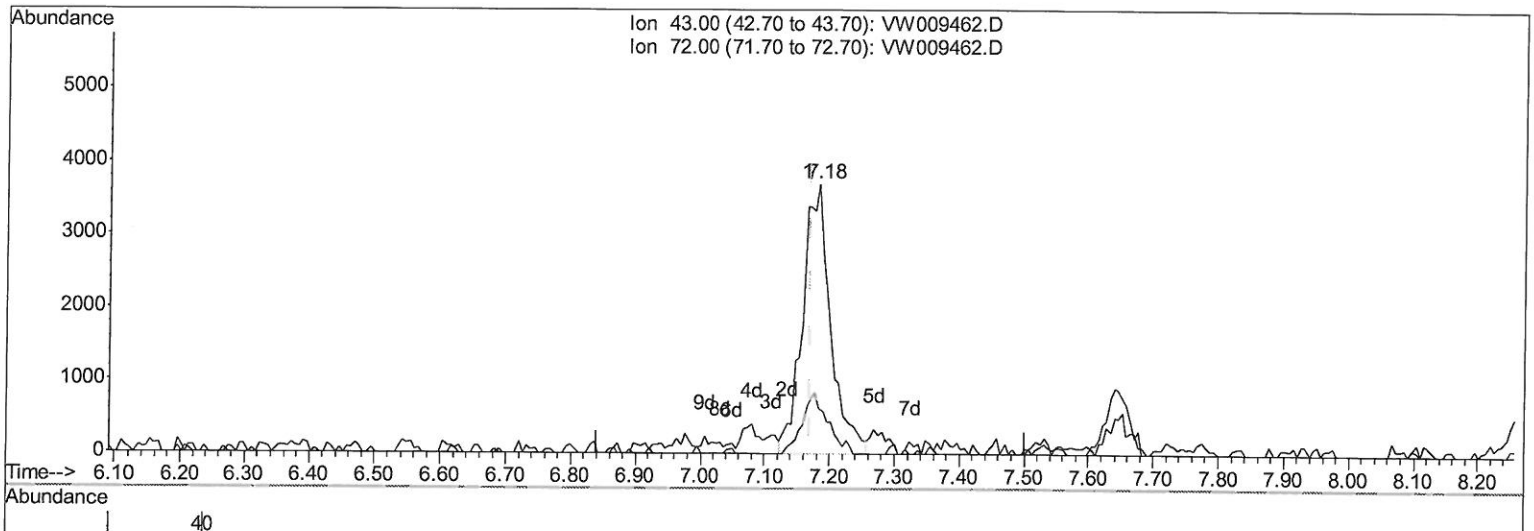
Quantitation Report (Qedit)

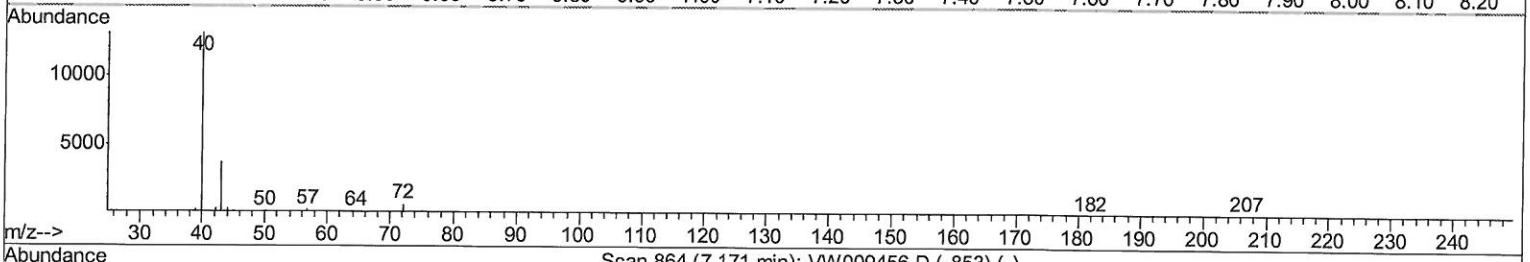
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

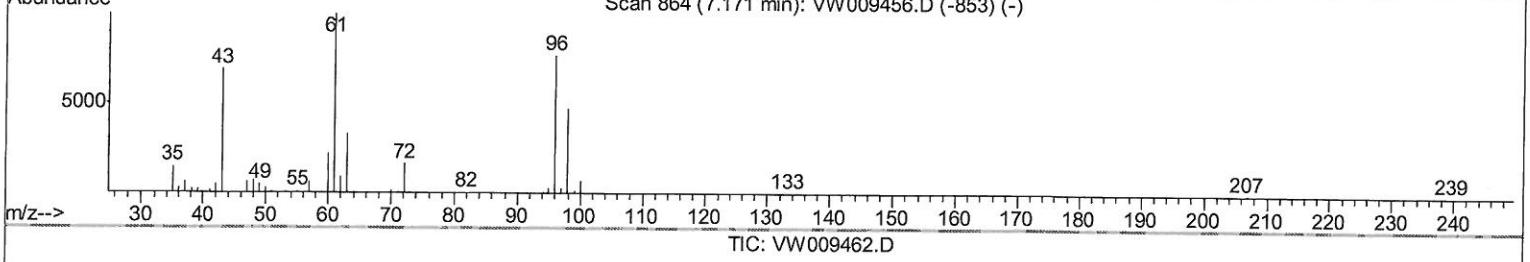
Quant Time: Mar 27 01:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM







TIC: VW009462.D

(21) 2-Butanone

7.183min (+0.012) 4.78ug/L m

response 11016

7mO
4/6/19

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	19.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:23 PM

Quant Time: Mar 27 06:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	411794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372553	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	98069	19.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.72%			
7) Chloroethane-d5	2.89	69	108888	18.91	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.64%			
10) 1,1-Dichloroethene-d2	4.01	63	164090	15.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.72%			
20) 2-Butanone-d5	7.08	46	75143	36.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.84%			
24) Chloroform-d	7.64	84	257832	22.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.76%			
26) 1,2-Dichloroethane-d4	8.31	65	147402	21.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.08%			
29) Benzene-d6	8.27	84	456070	22.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.80%			
33) 1,2-Dichloropropane-d6	9.27	67	146654	23.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.08%			
37) Toluene-d8	10.32	98	395640	20.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.32%			
38) trans-1,3-Dichloropropene-	10.58	79	57859	18.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.68%			
39) 2-Hexanone-d5	10.93	63	54801	36.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121710	20.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.12%			
61) 1,2-Dichlorobenzene-d4	13.86	152	142399	23.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.92%			
Target Compounds						Qvalue
13) Acetone	4.13	43	41255	24.720	ug/L	98
14) Carbon disulfide	4.38	76	10000m	0.733	ug/L	
16) Methylene chloride	4.92	84	16371m	2.726	ug/L	
21) 2-Butanone	7.18	43	11016m	4.781	ug/L	

MD 4/6/19

(#) = qualifier out of range (m) = manual integration (+) = signals summed