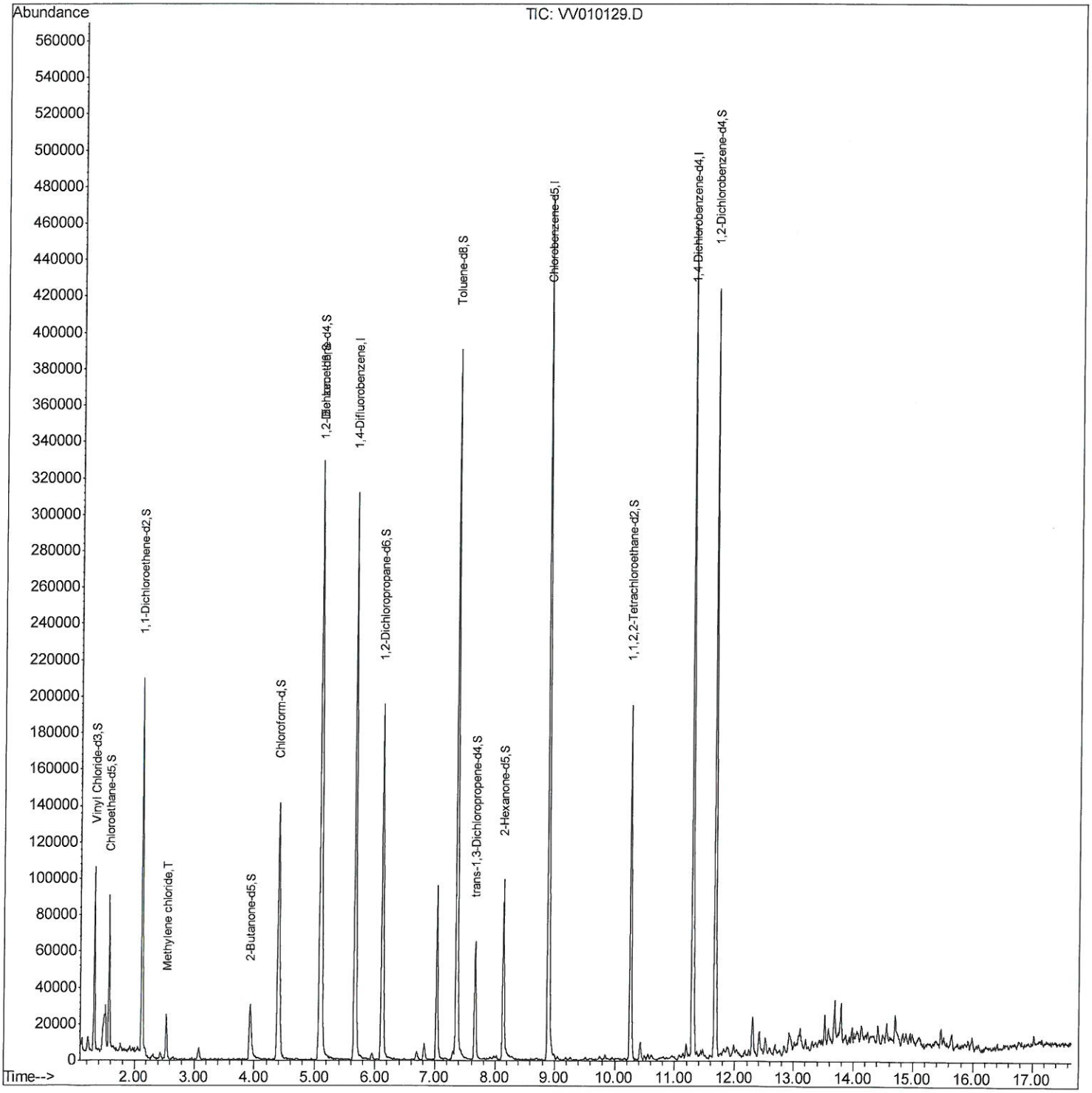
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\
Data File : VV010129.D
Acq On : 05 Apr 2019 14:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 01:22:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:37 AM



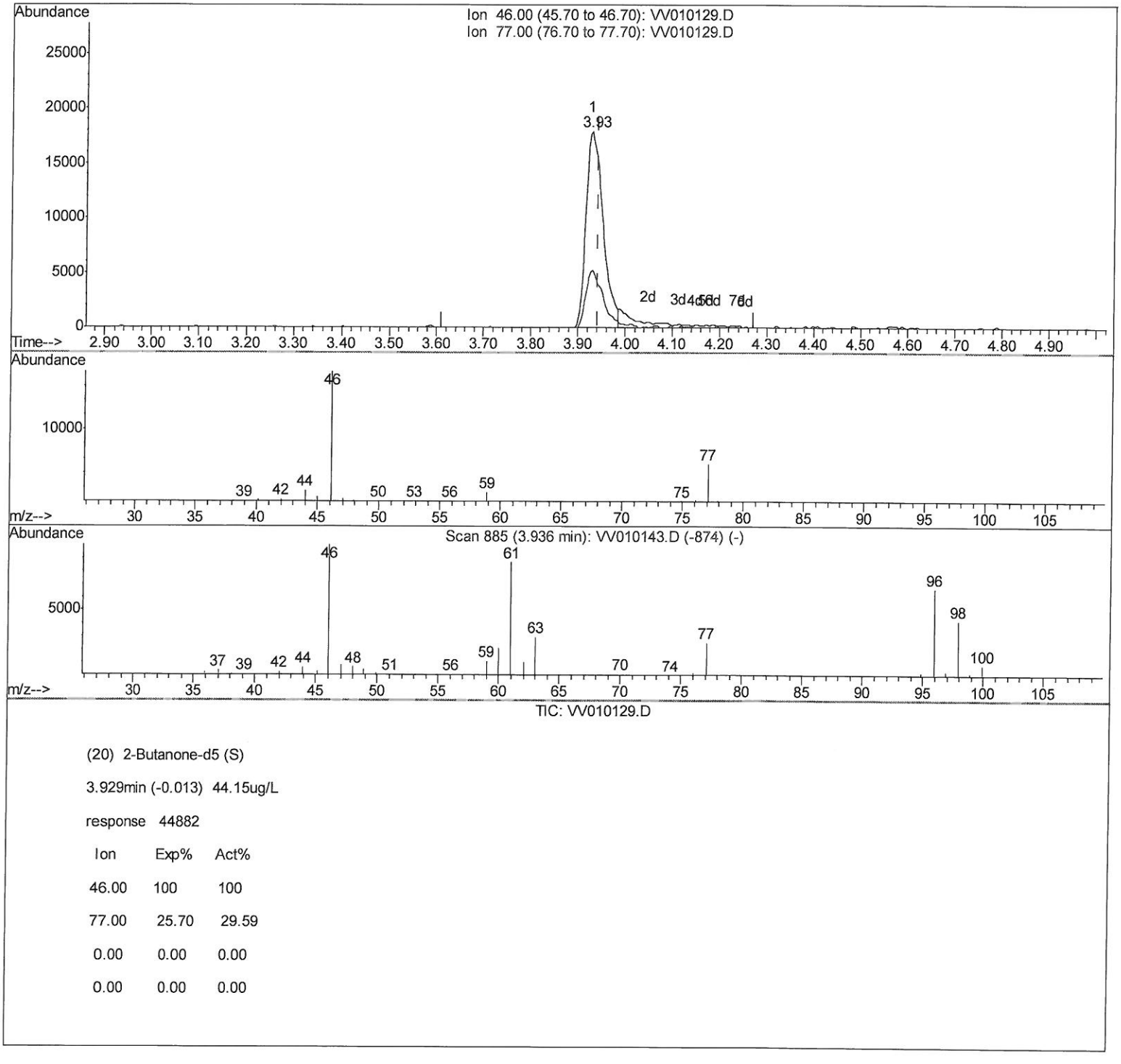
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\Not Reviewed Data\
Data File : VV010129.D
Acq On : 05 Apr 2019 14:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 10 09:30:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:37 AM



TIC: VV010129.D

(20) 2-Butanone-d5 (S)

3.929min (-0.013) 44.15ug/L

response 44882

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	29.59
0.00	0.00	0.00
0.00	0.00	0.00

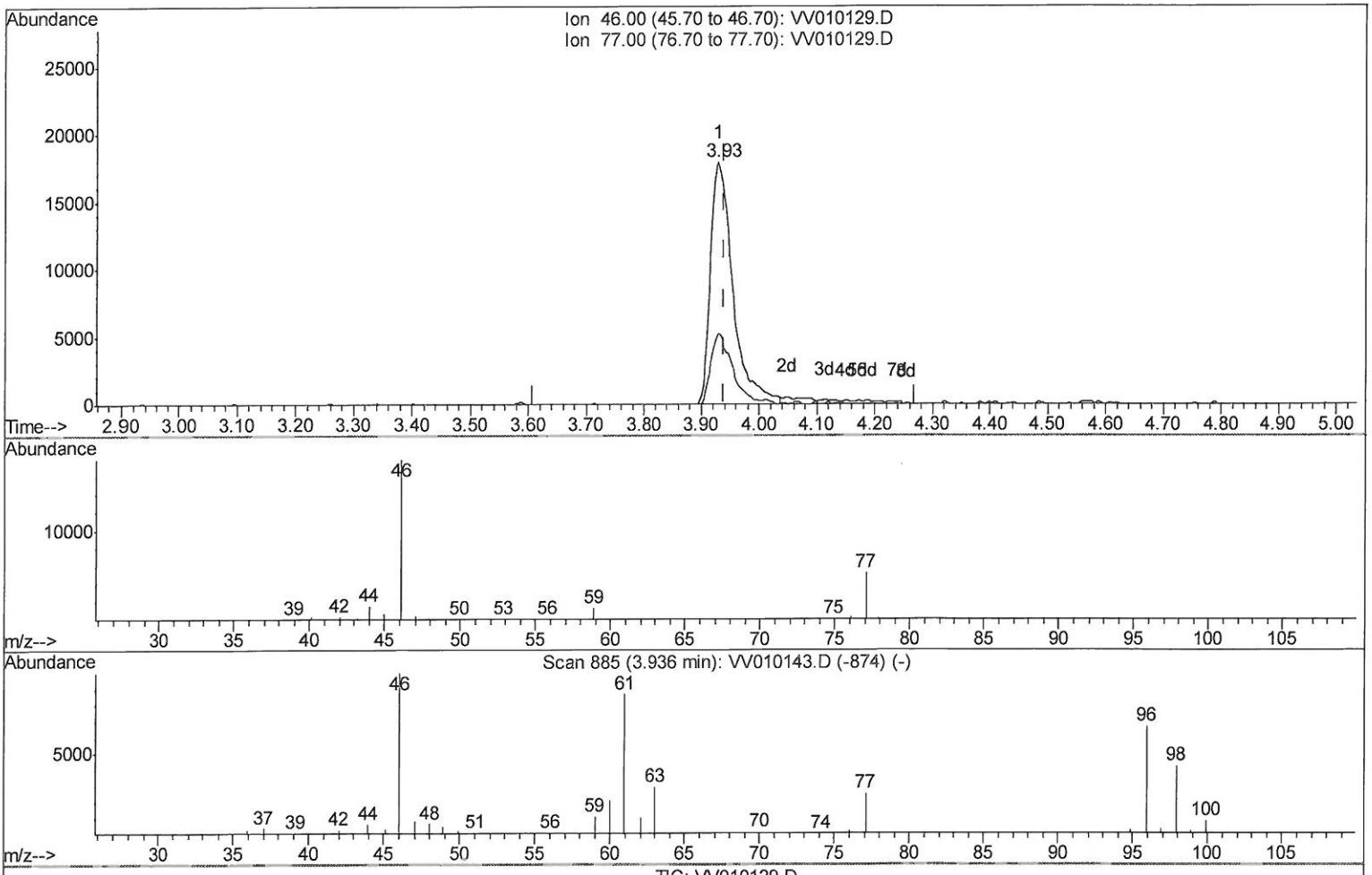
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\
Data File : VV010129.D
Acq On : 05 Apr 2019 14:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 01:22:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:37 AM



TIC: VV010129.D

(20) 2-Butanone-d5 (S)

3.929min (-0.010) 47.07ug/L m

response 47851

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	27.75
0.00	0.00	0.00
0.00	0.00	0.00

→ MD 4/13/19

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\
Data File : VV010129.D
Acq On : 05 Apr 2019 14:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 01:22:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VIBLK

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	266848	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	265771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126172	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58414	16.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.40%			
7) Chloroethane-d5	1.57	69	54160	12.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 48.84%			
10) 1,1-Dichloroethene-d2	2.13	63	105604	11.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.88%			
20) 2-Butanone-d5	3.93	46	47851m	47.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.14%			
24) Chloroform-d	4.40	84	142105	21.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.56%			
26) 1,2-Dichloroethane-d4	5.08	65	87621	23.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.20%			
29) Benzene-d6	5.10	84	285767	20.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.92%			
33) 1,2-Dichloropropane-d6	6.12	67	88257	21.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.80%			
37) Toluene-d8	7.36	98	270720	20.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.56%			
38) trans-1,3-Dichloropropene-	7.66	79	33802	19.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.76%			
39) 2-Hexanone-d5	8.13	63	31725	38.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.78%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	86144	21.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.88%			
61) 1,2-Dichlorobenzene-d4	11.67	152	109776	22.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.36%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	9907	2.113	ug/L	93

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

MMD 4/13/19