Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\

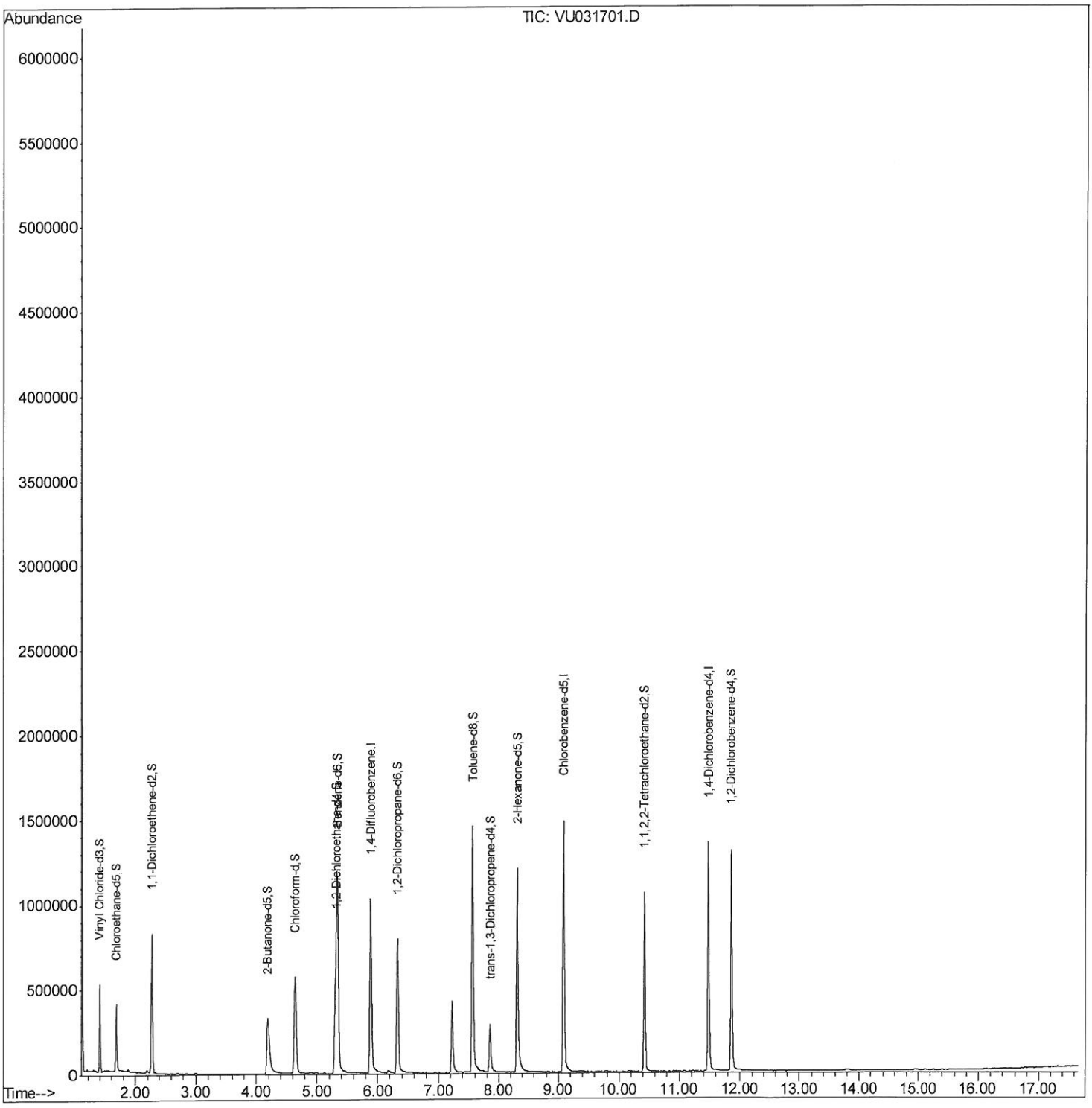
Quantitation Report (QT Reviewed)

Data File : VU031701.D
Acq On : 02 May 2019 10:52
Operator : JC/SP
Sample : VU0502WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 03 04:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:36 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\

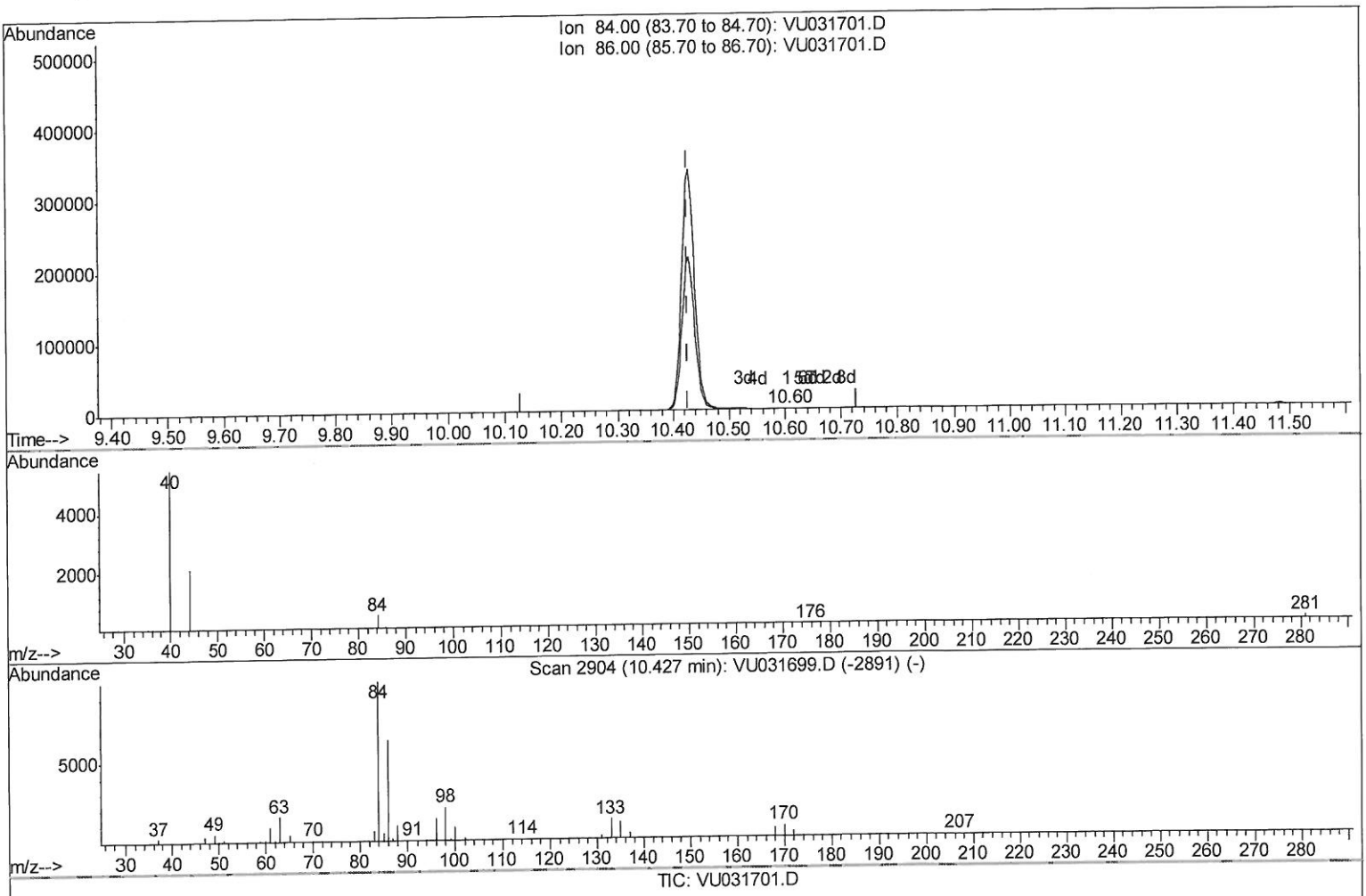
Quantitation Report (Qedit)

Data File : VU031701.D
Acq On : 02 May 2019 10:52
Operator : JC/SP
Sample : VU0502WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 03 04:40:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:36 AM



TIC: VU031701.D

(57) 1,1,2,2-Tetrachloroethane-d2 (S)

10.604min (+0.177) 0.02ug/L

response 237

Ion	Exp%	Act%
84.00	100	100
86.00	62.10	44.73
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\

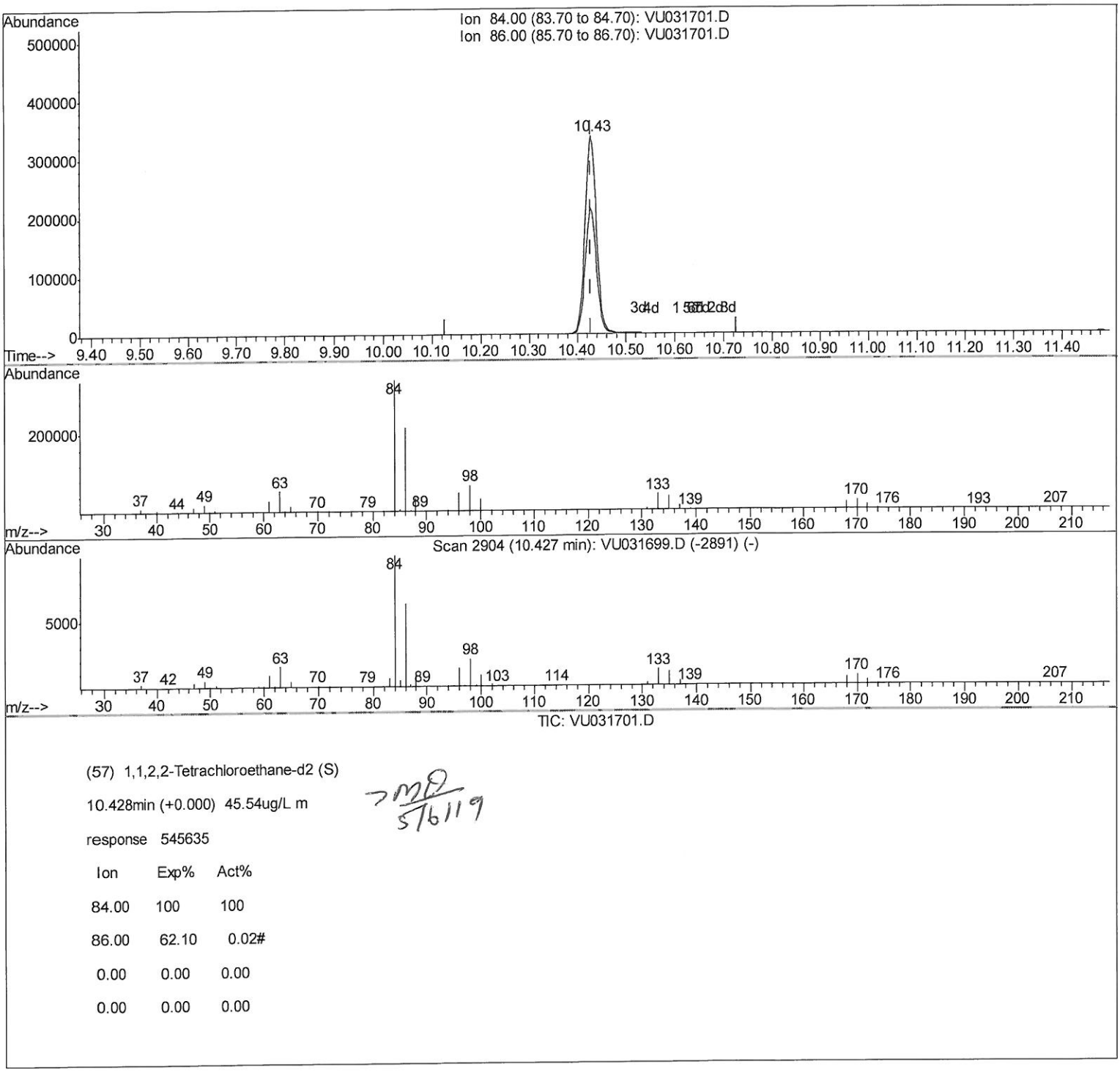
Quantitation Report (Qedit)

Data File : VU031701.D
Acq On : 02 May 2019 10:52
Operator : JC/SP
Sample : VU0502WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 03 04:40:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:36 AM



TIC: VU031701.D

(57) 1,1,2,2-Tetrachloroethane-d2 (S)

10.428min (+0.000) 45.54ug/L m

response 545635

Ion	Exp%	Act%
84.00	100	100
86.00	62.10	0.02#
0.00	0.00	0.00
0.00	0.00	0.00

MD 5/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\

Quantitation Report (QT Reviewed)

Data File : VU031701.D
Acq On : 02 May 2019 10:52
Operator : JC/SP
Sample : VU0502WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK54

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:36 AM

Quant Time: May 03 04:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	871171	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	826427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	338672	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	352603	48.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.72%			
7) Chloroethane-d5	1.68	69	276745	49.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.24%			
11) 1,1-Dichloroethene-d2	2.27	63	486147	33.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.96%			
21) 2-Butanone-d5	4.19	46	671880	101.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.71%			
24) Chloroform-d	4.64	84	578583	43.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.66%			
26) 1,2-Dichloroethane-d4	5.31	65	379627	43.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.04%			
32) Benzene-d6	5.34	84	1181446	46.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.12%			
36) 1,2-Dichloropropane-d6	6.32	67	415387	46.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.04%			
41) Toluene-d8	7.56	98	1012730	45.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.64%			
43) trans-1,3-Dichloropropene-	7.85	79	169493	44.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.44%			
47) 2-Hexanone-d5	8.31	63	435620	112.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.72%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	545635m	45.54	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.08%			
64) 1,2-Dichlorobenzene-d4	11.86	152	340461	47.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.60%			

MD 5/6/19

Target Compounds	Qvalue

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