Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

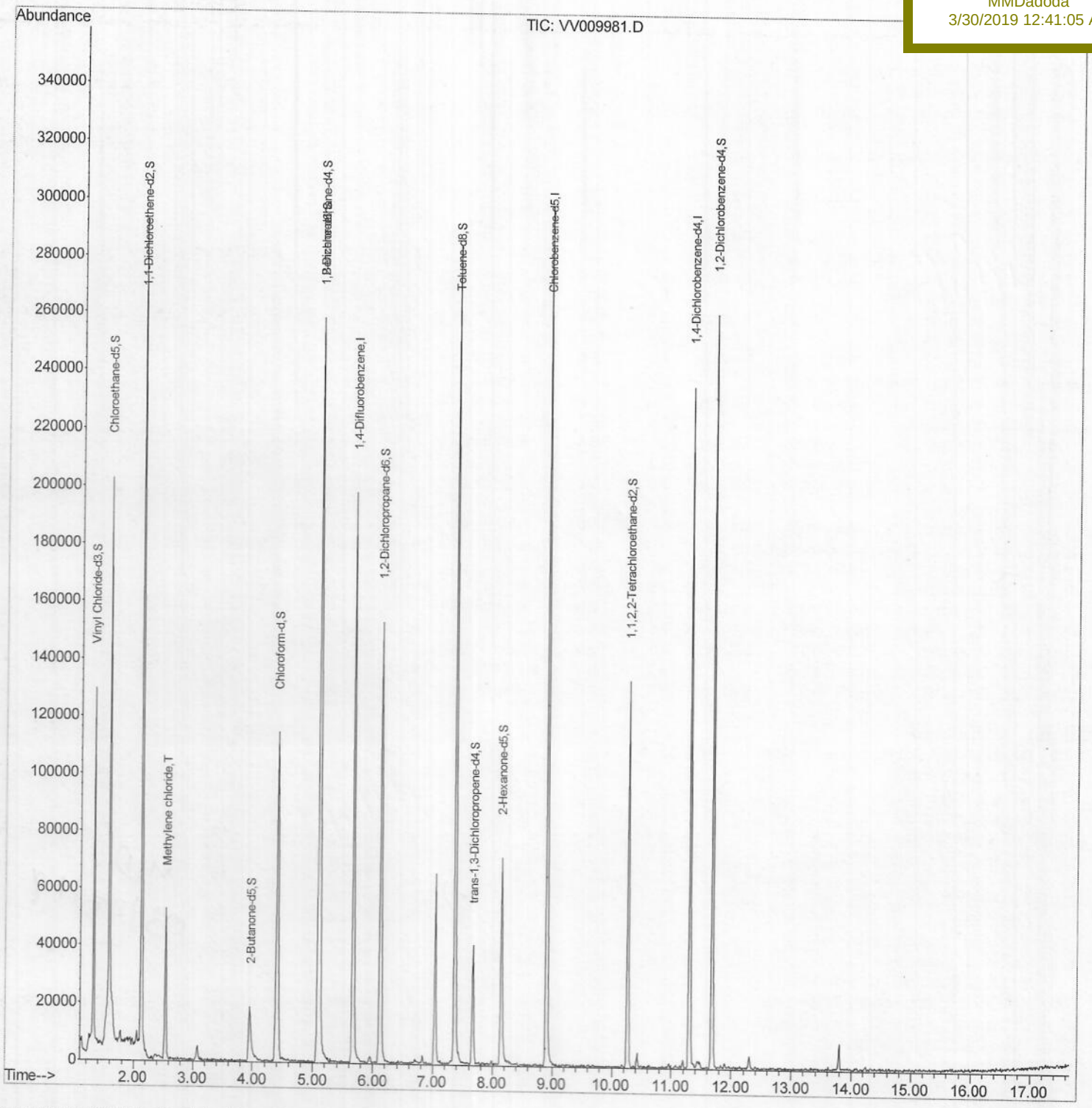
Quantitation Report (QT Reviewed)

Data File : VV009981.D
Acq On : 28 Mar 2019 23:12
Operator : SY/MD
Sample : K2122-01
Misc : 5.59G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 04:33:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5B0

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:05 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Qedit)

Data File : VV009981.D
Acq On : 28 Mar 2019 23:12
Operator : SY/MD
Sample : K2122-01
Misc : 5.59G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 04:23:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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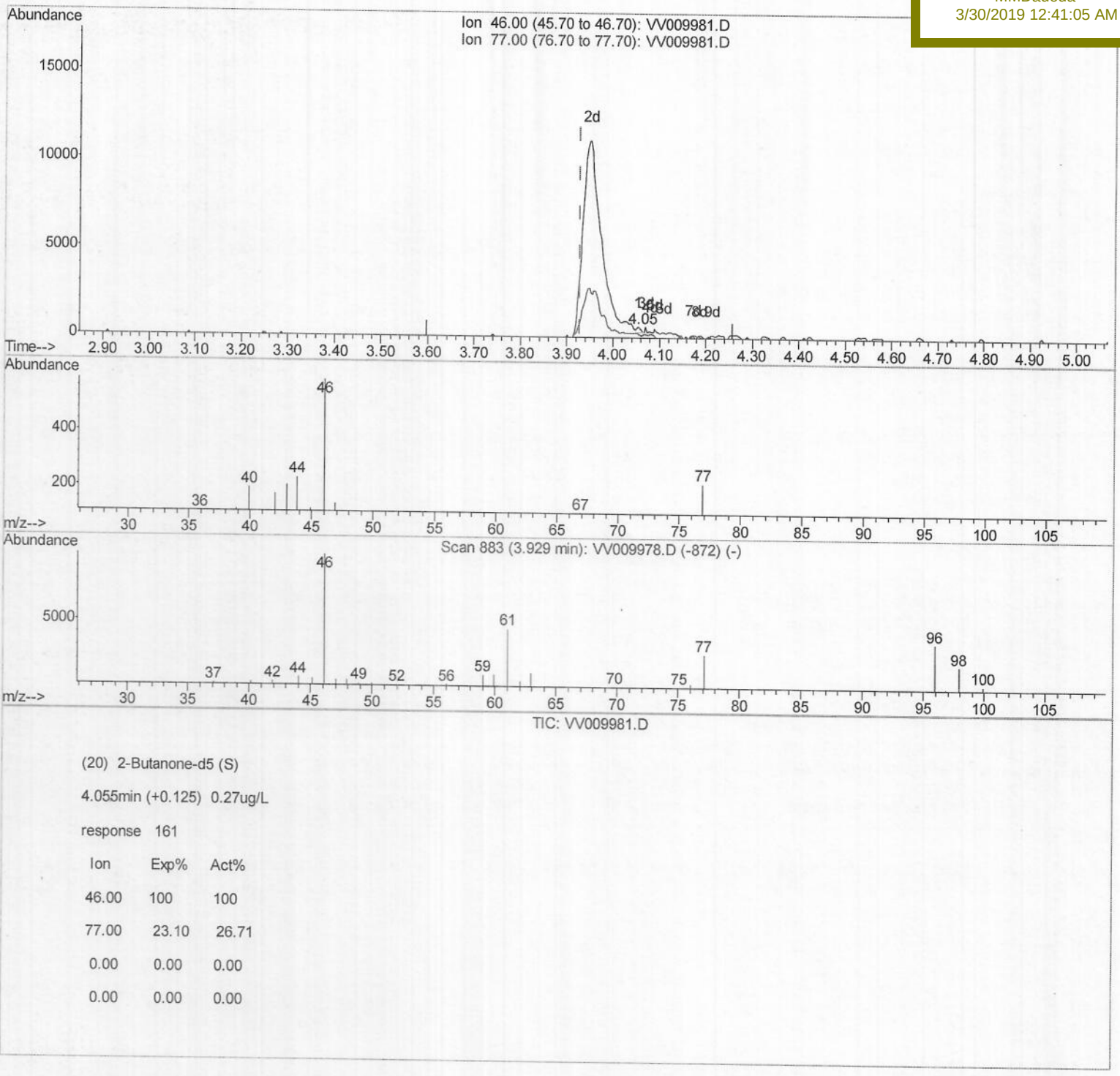
Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:05 AM



(20) 2-Butanone-d5 (S)

4.055min (+0.125) 0.27ug/L

response 161

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	26.71
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Qedit)

Data File : VV009981.D
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Operator : SY/MD
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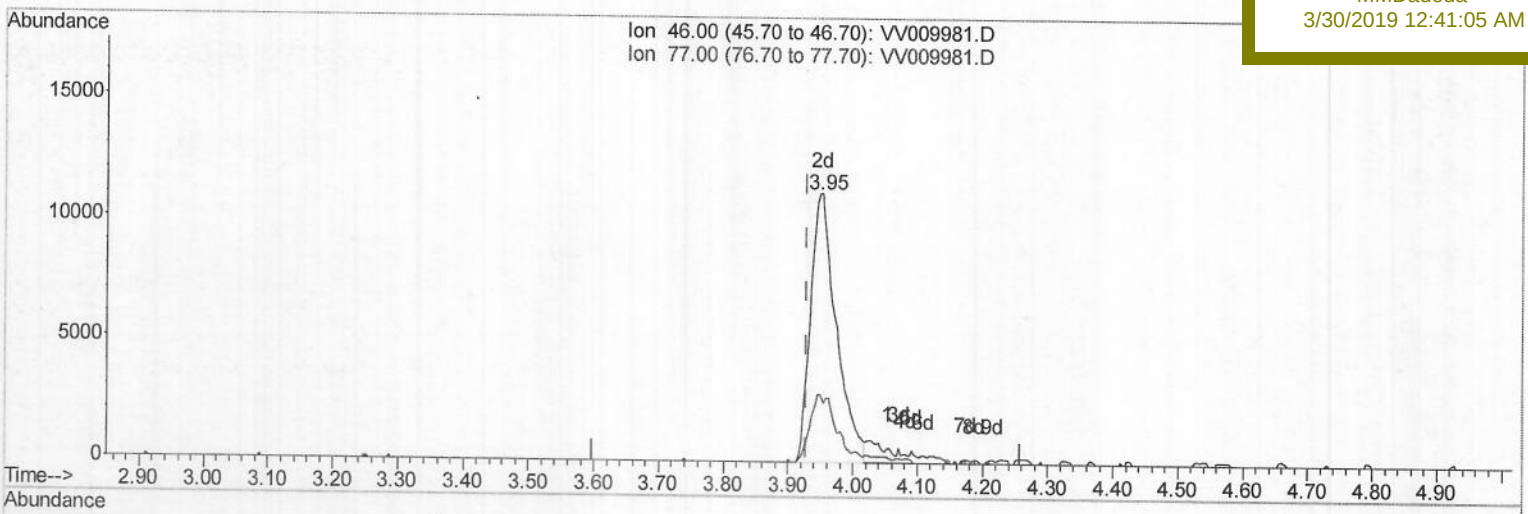
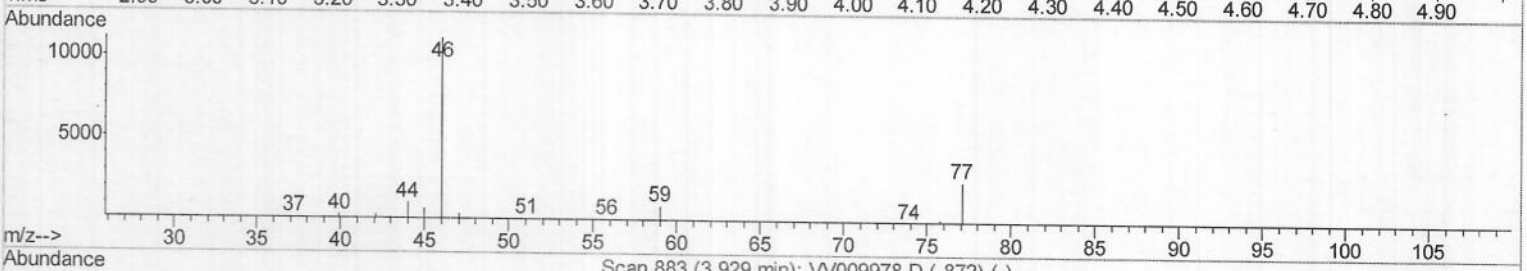
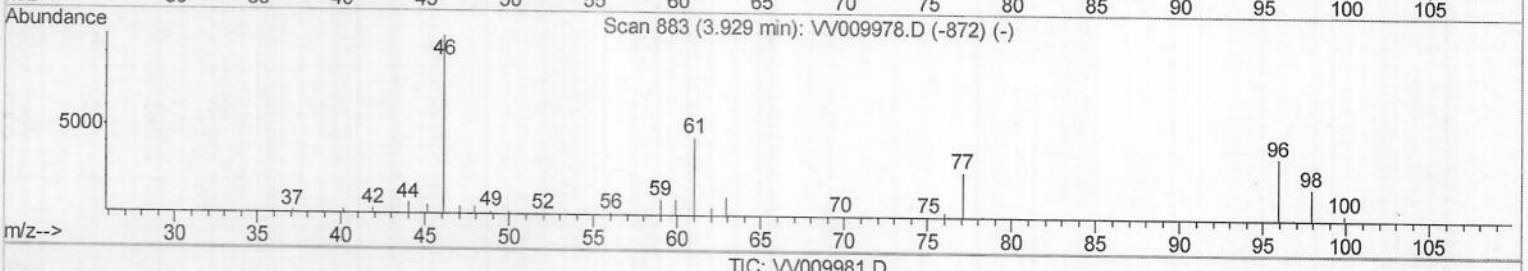
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5B0

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:05 AM







TIC: VV009981.D

(20) 2-Butanone-d5 (S)

3.952min (+0.022) 51.03ug/L m

response 30733

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	0.14#
0.00	0.00	0.00
0.00	0.00	0.00

M.D 4/11/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (QT Reviewed)

Data File : VV009981.D
Acq On : 28 Mar 2019 23:12
Operator : SY/MD
Sample : K2122-01
Misc : 5.59G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BF5B0

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159266	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58701	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67535	20.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.60%			
7) Chloroethane-d5	1.58	69	110464	31.65	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.60%			
10) 1,1-Dichloroethene-d2	2.13	63	145275	16.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.72%			
20) 2-Butanone-d5	3.95	46	30733m	51.03	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.06%			
24) Chloroform-d	4.40	84	105492	26.00	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.08	65	66226	27.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.48%			
29) Benzene-d6	5.10	84	212230	26.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.96%			
33) 1,2-Dichloropropane-d6	6.12	67	65542	28.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.92%			
37) Toluene-d8	7.36	98	177145	23.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.32%			
38) trans-1,3-Dichloropropene-	7.67	79	21025	22.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.52%			
39) 2-Hexanone-d5	8.14	63	22747	52.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.96%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59239	25.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.08%			
61) 1,2-Dichlorobenzene-d4	11.67	152	61876	27.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.76%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	21258	8.105	ug/L	93

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

M.D 4/11/19