Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

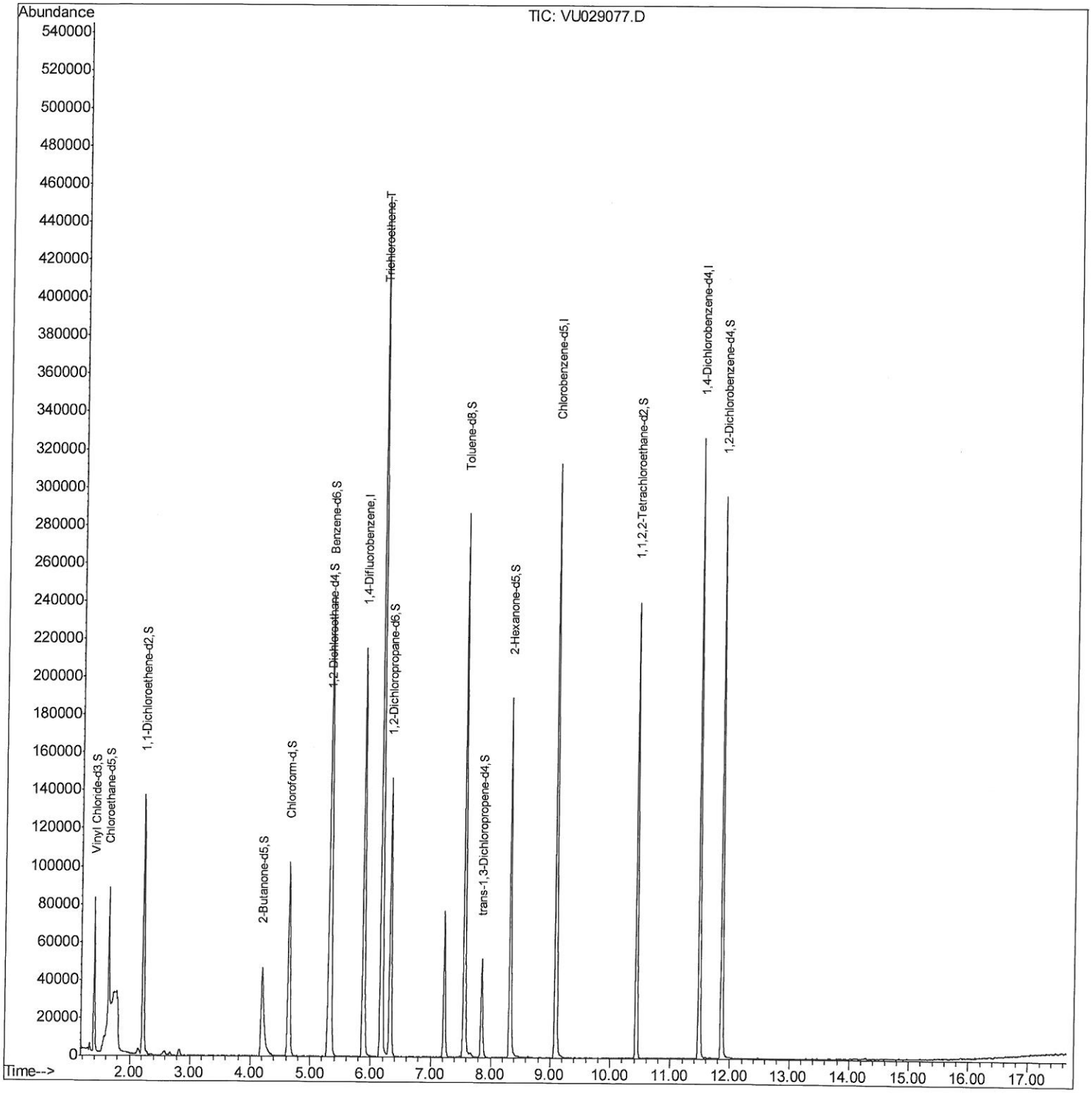
Quantitation Report (QT/LSC Reviewed)

Data File : VU029077.D
Acq On : 07 Jan 2019 23:29
Operator : MD/SY
Sample : K1051-11
Misc : 15.47g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jan 08 04:44:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BE9X9

Manual Integrations APPROVED
MMDadoda
1/8/2019 9:17:37 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

Quantitation Report (Qedit)

Data File : VU029077.D
Acq On : 07 Jan 2019 23:29
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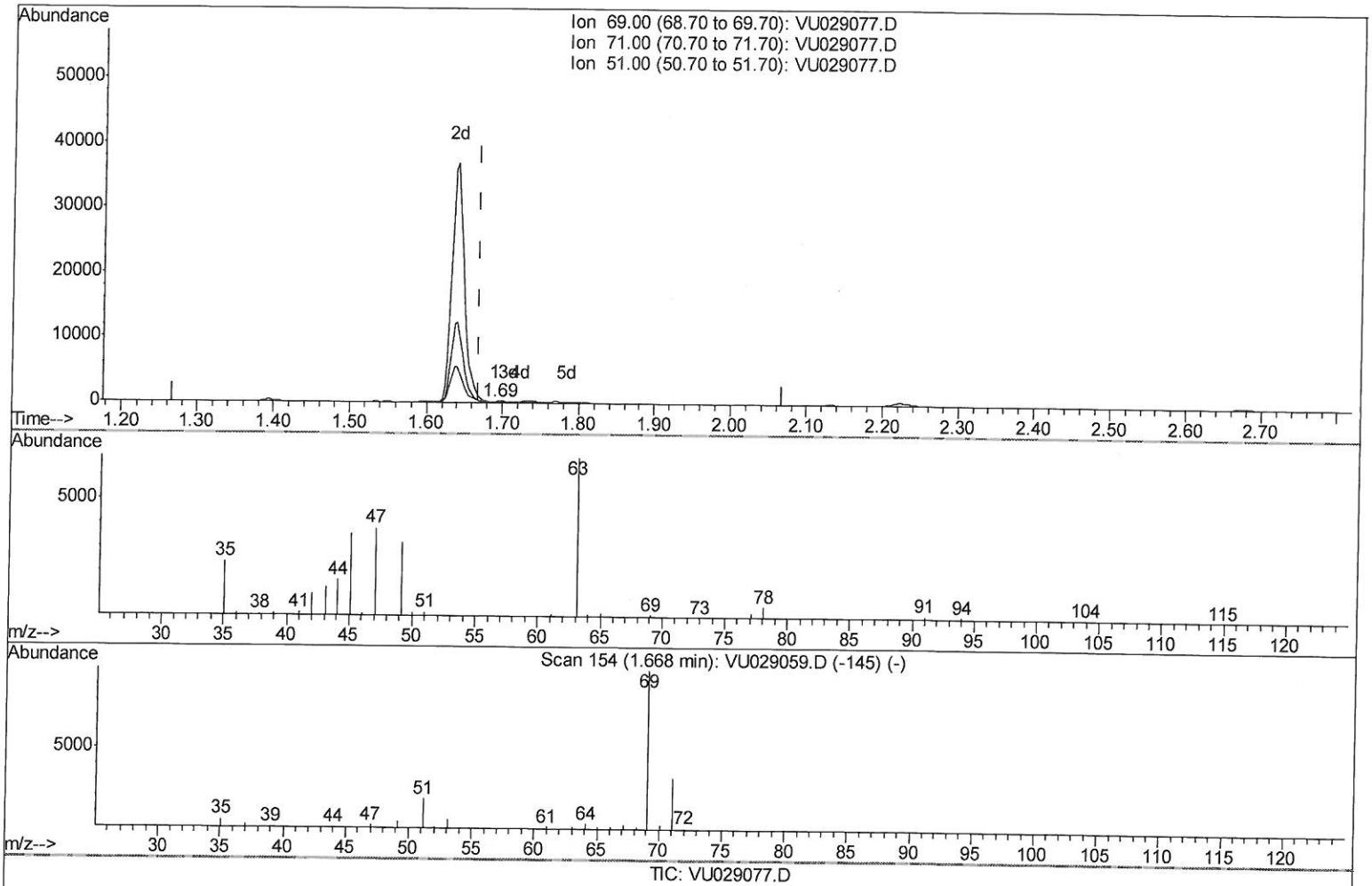
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jan 08 03:18:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BE9X9

Manual Integrations APPROVED
MMDadoda
1/8/2019 9:17:37 AM



(7) Chloroethane-d5 (S)

1.691min (+0.023) 0.05ug/L

response 64

Ion	Exp%	Act%
69.00	100	100
71.00	32.00	0.00#
51.00	24.50	265.63#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

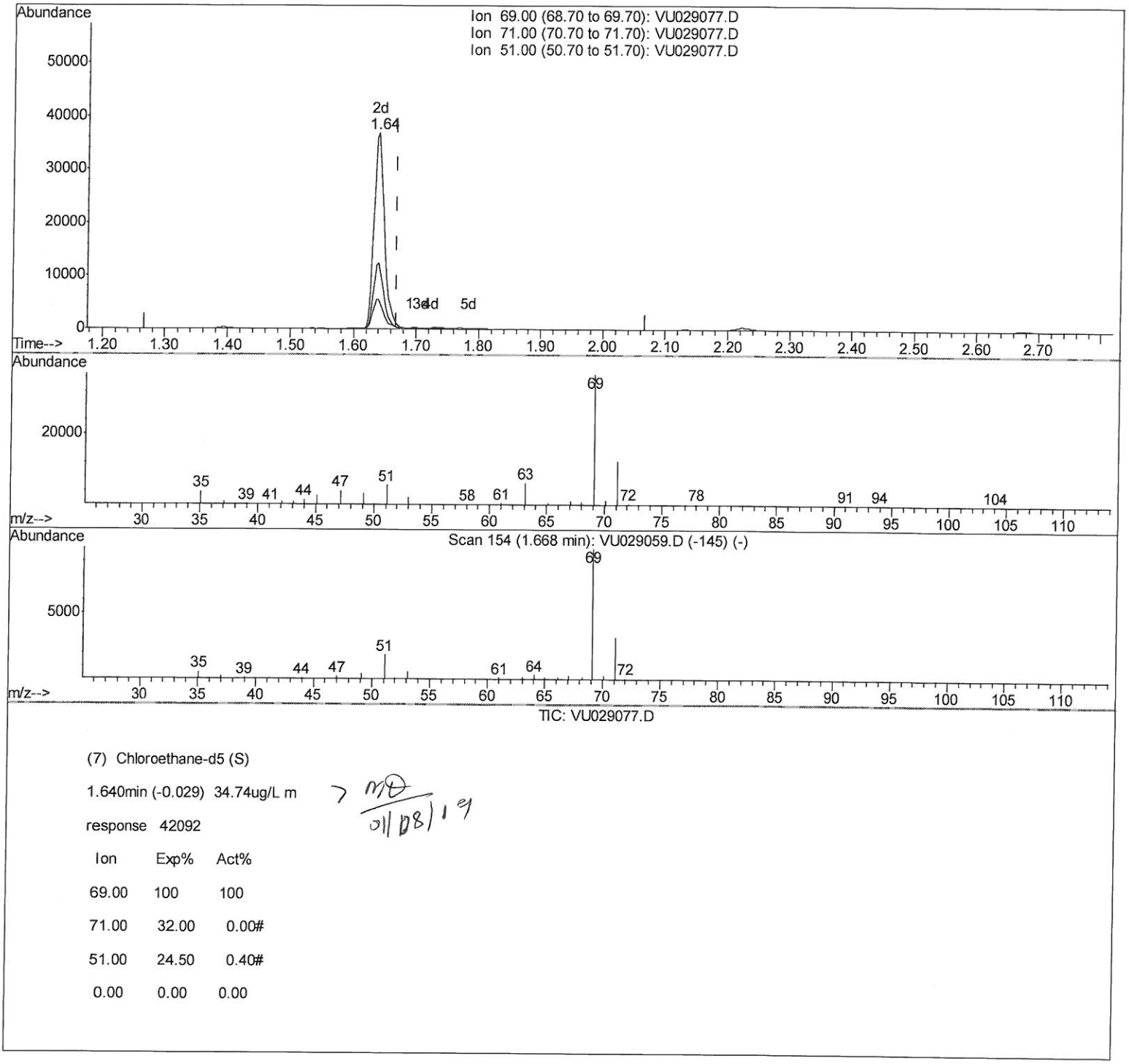
Quantitation Report (Qedit)

Data File : VU029077.D
Acq On : 07 Jan 2019 23:29
Operator : MD/SY
Sample : K1051-11
Misc : 15.47g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jan 08 03:18:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BE9X9

Manual Integrations APPROVED
MMDadoda
1/8/2019 9:17:37 AM



(7) Chloroethane-d5 (S)

1.640min (-0.029) 34.74ug/L m

response 42092

Ion	Exp%	Act%
69.00	100	100
71.00	32.00	0.00#
51.00	24.50	0.40#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

Quantitation Report (QT/LSC Reviewed)

Data File : VU029077.D
Acq On : 07 Jan 2019 23:29
Operator : MD/SY
Sample : K1051-11
Misc : 15.47g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jan 08 04:44:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BE9X9

Manual Integrations APPROVED
MMDadoda
1/8/2019 9:17:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195695	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87805	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63002	40.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.32%			
7) Chloroethane-d5	1.64	69	42092m	34.74	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.48%#			
11) 1,1-Dichloroethene-d2	2.22	63	82742	31.36	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.72%			
21) 2-Butanone-d5	4.20	46	101488	92.33	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.33%			
24) Chloroform-d	4.64	84	106981	43.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.72%			
26) 1,2-Dichloroethane-d4	5.30	65	69056	45.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.82%			
32) Benzene-d6	5.33	84	233589	43.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.04%			
36) 1,2-Dichloropropane-d6	6.32	67	81597	44.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.50%			
41) Toluene-d8	7.56	98	204005	41.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.88%			
43) trans-1,3-Dichloropropene-	7.85	79	34801	42.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.18%			
47) 2-Hexanone-d5	8.32	63	78347	90.46	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126186	49.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	81044	45.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.28%			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	165249	113.158	ug/L	97

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

> MD 01/08/19