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

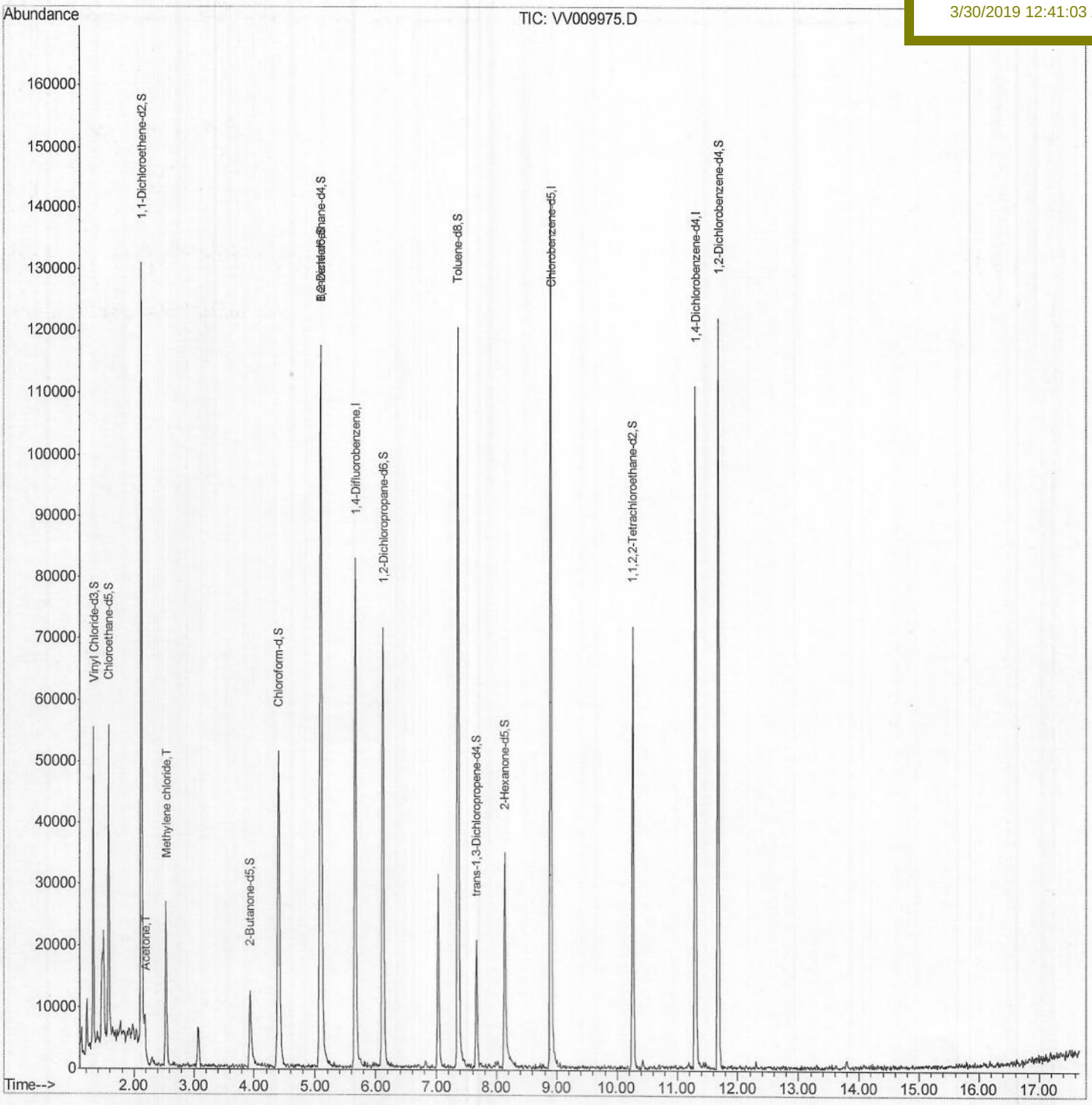
Quantitation Report (QT Reviewed)

Data File : VV009975.D
Acq On : 28 Mar 2019 19:23
Operator : SY/MD
Sample : K2085-10RE
Misc : 6.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 04:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF7T5RE

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:03 AM



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

Quantitation Report (Qedit)

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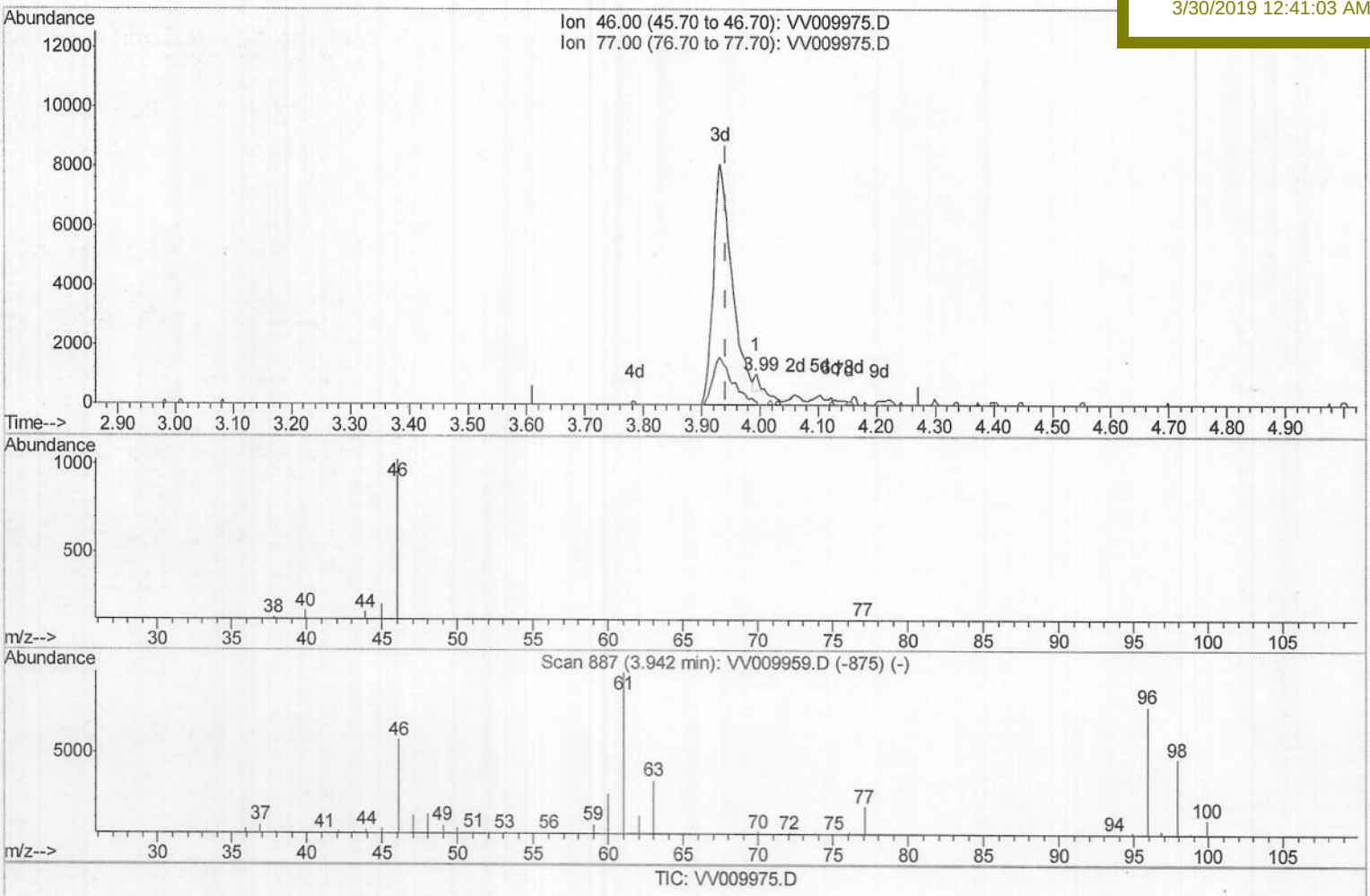
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 04:07:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF7T5RE

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:03 AM



TIC: VV009975.D

(20) 2-Butanone-d5 (S)

3.994min (+0.051) 1.18ug/L

response 309

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	16.50
0.00	0.00	0.00
0.00	0.00	0.00

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

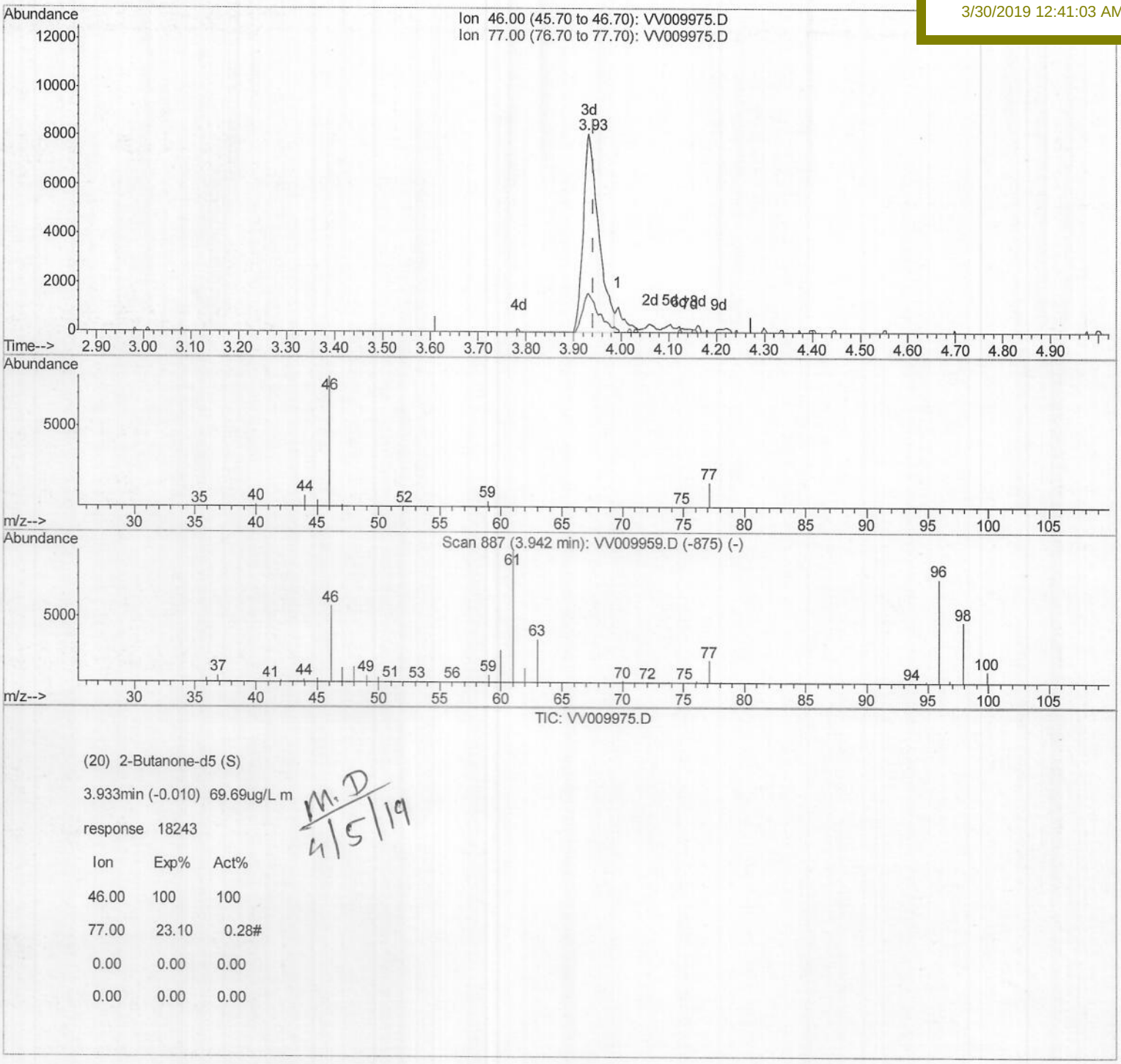
Quantitation Report (Qedit)

Data File : VV009975.D
Acq On : 28 Mar 2019 19:23
Operator : SY/MD
Sample : K2085-10RE
Misc : 6.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 04:07:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF7T5RE

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:03 AM



TIC: VV009975.D

(20) 2-Butanone-d5 (S)

3.933min (-0.010) 69.69ug/L m

response 18243

M.D 4/5/19

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	0.28#
0.00	0.00	0.00
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : VV009975.D
Acq On : 28 Mar 2019 19:23
Operator : SY/MD
Sample : K2085-10RE
Misc : 6.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 04:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BF7T5RE

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	69228	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71658	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28588	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27376	19.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.96%			
7) Chloroethane-d5	1.58	69	32579	21.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.88%			
10) 1,1-Dichloroethene-d2	2.13	63	62998	16.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.56%			
20) 2-Butanone-d5	3.93	46	18243m	69.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.38%#			
24) Chloroform-d	4.40	84	46496	26.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.44%			
26) 1,2-Dichloroethane-d4	5.09	65	34181	32.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.80%			
29) Benzene-d6	5.10	84	92196	24.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.00%			
33) 1,2-Dichloropropane-d6	6.12	67	30972	28.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.52%			
37) Toluene-d8	7.36	98	77580	21.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.12%			
38) trans-1,3-Dichloropropene-	7.67	79	10030	22.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.08%			
39) 2-Hexanone-d5	8.13	63	11263	54.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.62%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31256	28.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.68%			
61) 1,2-Dichlorobenzene-d4	11.68	152	29330	26.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2598	6.555	ug/L	97
16) Methylene chloride	2.54	84	9811	8.606	ug/L	99

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

M.D 4/5/19