Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111620\
Data File : VX019435.D
Acq On : 16 Nov 2020 15:18
Operator : JC/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
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11/18/2020 5:32:22 PM

Quant Time: Nov 17 09:13:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXSIM111320.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 04:26:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	18526	0.50	ug/L	0.00
5) Chlorobenzene-d5	10.09	117	16109	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	12.07	152	6946	0.50	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.39	65	10136	0.52	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 104.00%			
4) 1,2-Dichloroethane-d4	6.03	65	7898	0.46	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 92.00%			
7) 1,2-Dichloropropane-d6	7.37	67	8280	0.56	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 112.00%			
8) Toluene-d8	8.68	98	20879	0.51	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 102.00%			
10) 1,1,2,2-Tetrachloroethane-	11.23	84	5381	0.52	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
3) Vinyl chloride	1.39	62	602	0.033	ug/L #	49
6) Trichloroethene	7.18	95	393	0.029	ug/L	94
9) 1,2-Dibromoethane	9.64	107	215	0.027	ug/L #	92
12) 1,2,3-Trichloropropane	11.26	75	249	0.036	ug/L	94
13) 1,2-Dibromo-3-chloropropan	12.98	75	43m	0.036	ug/L	

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

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Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-04

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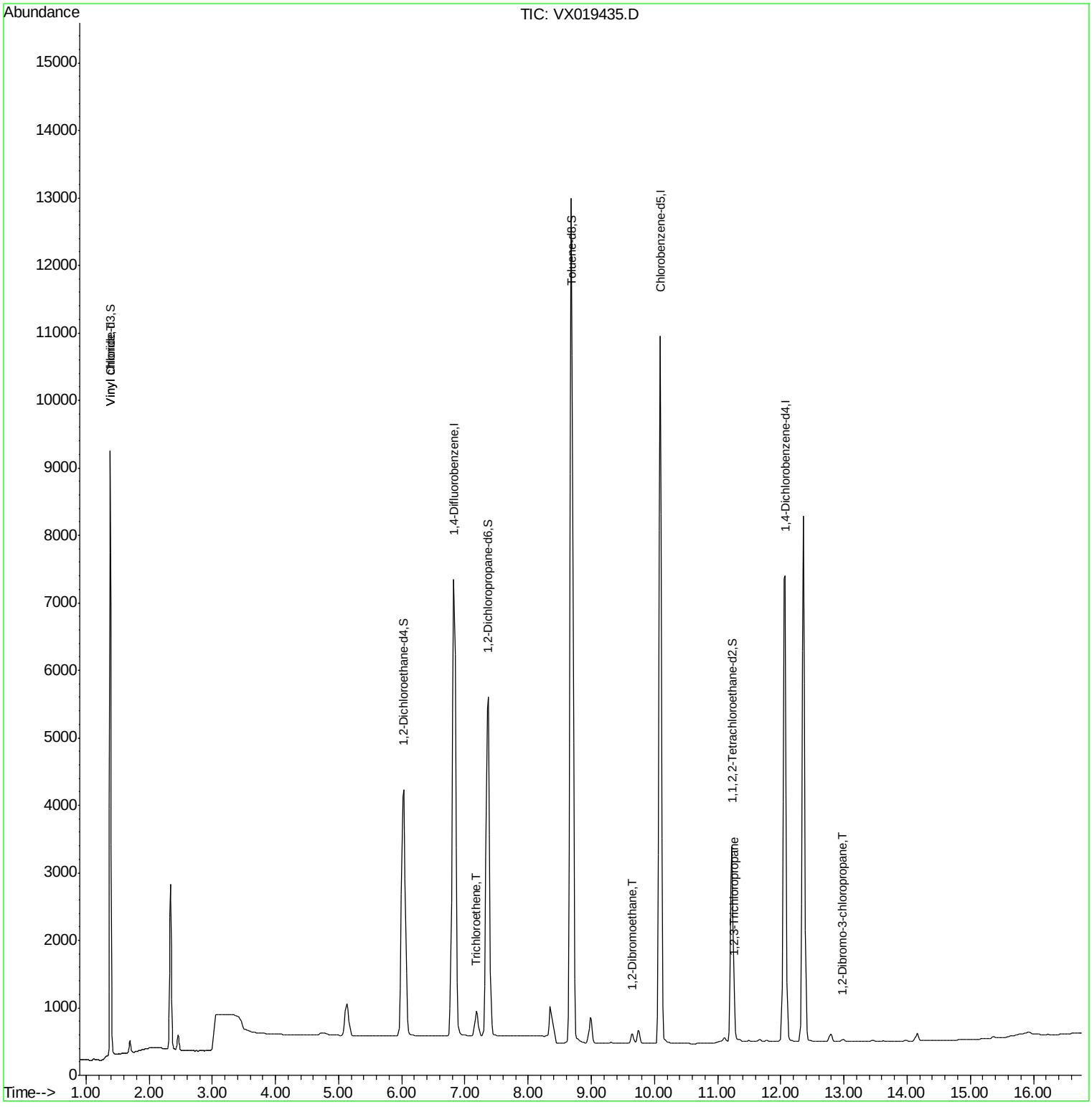
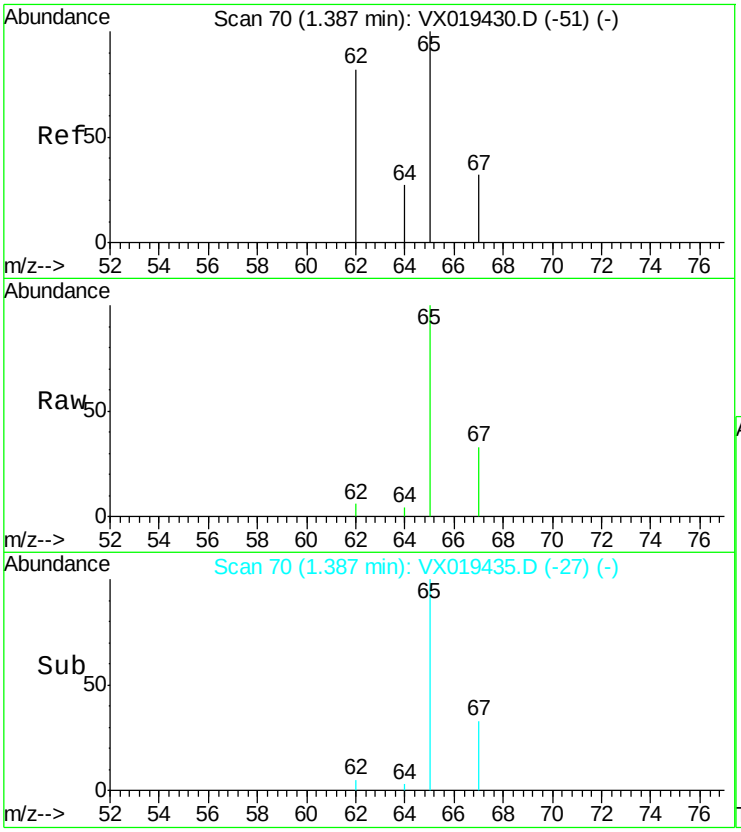
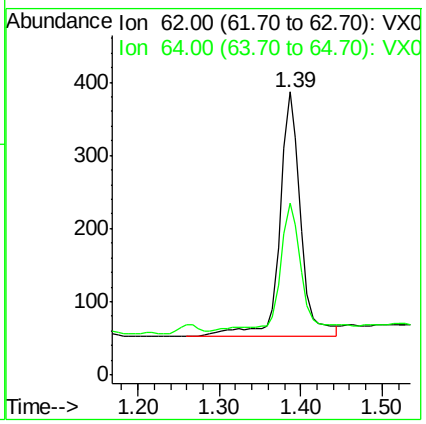




#3
Vinyl chloride
Concen: 0.033 ug/L
RT: 1.39 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX019435.D
Acq: 16 Nov 2020 15:18

Tgt Ion: 62 Resp: 602

Ion	Ratio	Lower	Upper
62	100		
64	60.5	22.5	41.7#



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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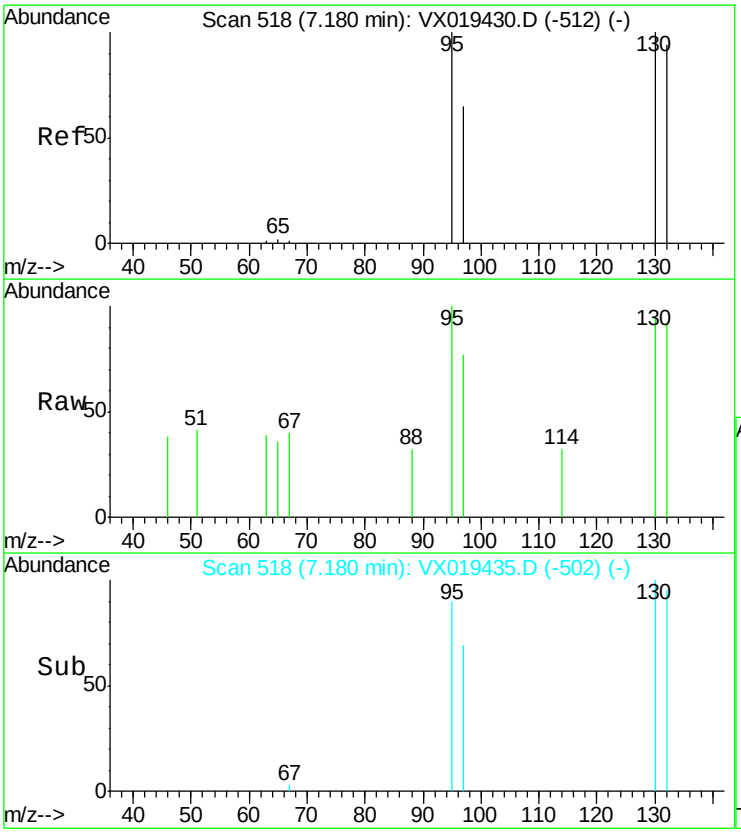
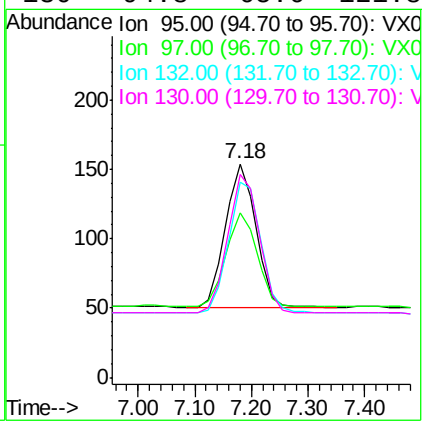
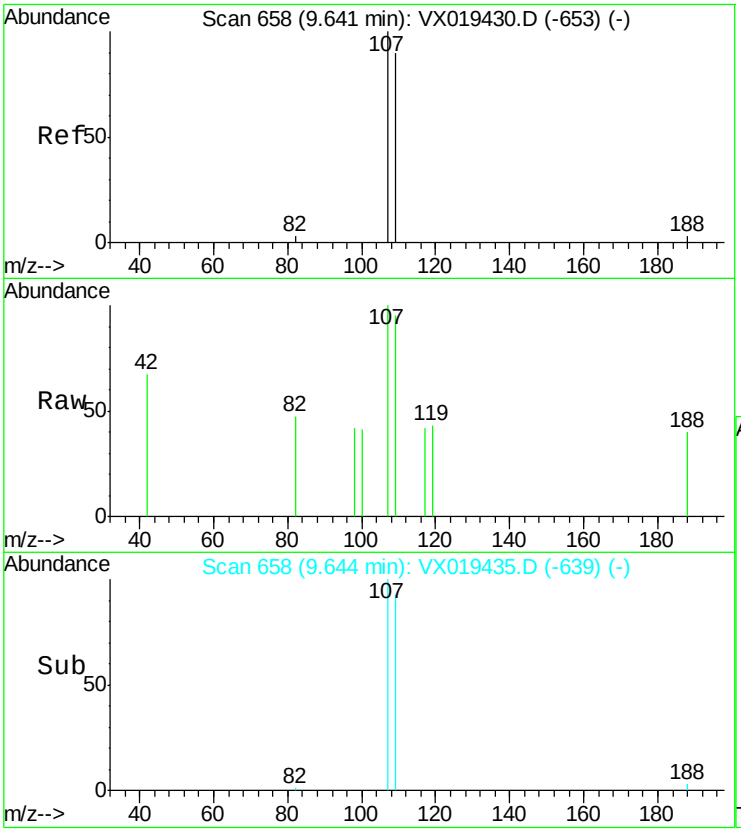


#6
Trichloroethene
Concen: 0.029 ug/L
RT: 7.18 min Scan# 518
Delta R.T. -0.00 min
Lab File: VX019435.D
Acq: 16 Nov 2020 15:18

Tgt Ion: 95 Resp: 393

Ion	Ratio	Lower	Upper
95	100		
97	77.3	45.2	84.0
132	91.6	61.0	113.4
130	94.8	65.6	121.8

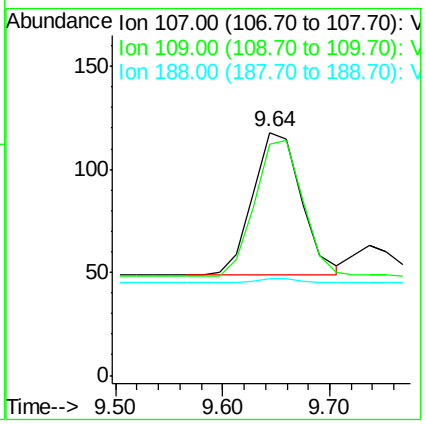




#9
1,2-Dibromoethane
Concen: 0.027 ug/L
RT: 9.64 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX019435.D
Acq: 16 Nov 2020 15:18

Tgt Ion:107 Resp: 215

Ion	Ratio	Lower	Upper
107	100		
109	94.9	67.5	125.3
188	39.8	5.5	8.3#



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-04

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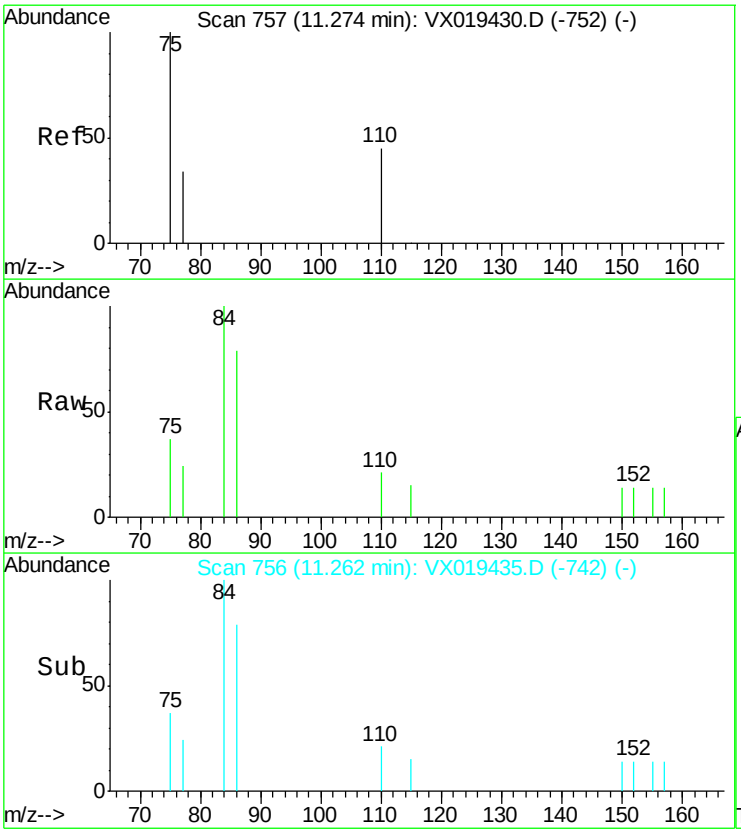
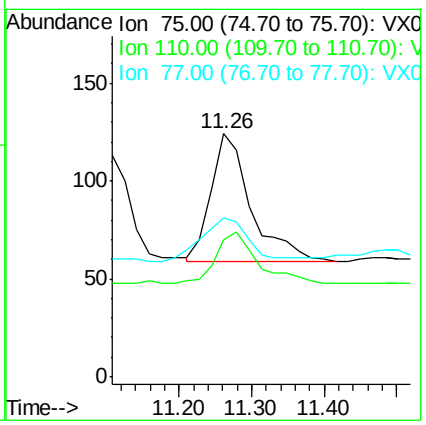
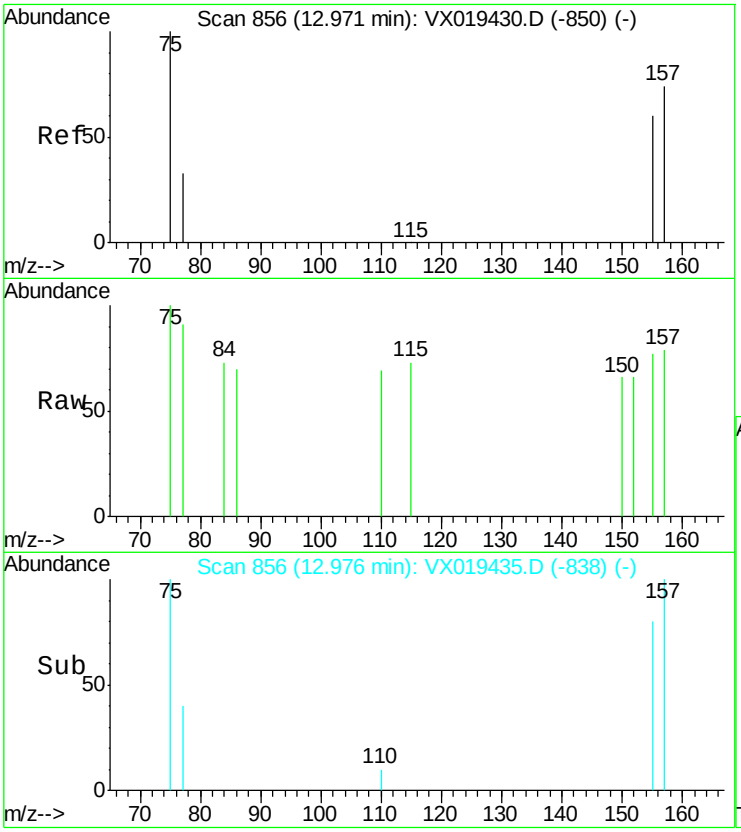


#12
1,2,3-Trichloropropane
Concen: 0.036 ug/L
RT: 11.26 min Scan# 756
Delta R.T. -0.01 min
Lab File: VX019435.D
Acq: 16 Nov 2020 15:18

Tgt Ion: 75 Resp: 249

Ion	Ratio	Lower	Upper
75	100		
110	40.2	33.0	49.4
77	39.8	26.6	39.8





#13
1,2-Dibromo-3-chloropropane
Concen: 0.036 ug/L m
RT: 12.98 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX019435.D
Acq: 16 Nov 2020 15:18

Tgt Ion: 75 Resp: 43

Ion	Ratio	Lower	Upper
75	100		
157	78.6	59.6	89.4
155	77.1	50.6	76.0#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
MMDadoda
11/18/2020 5:32:22 PM