Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021219\
Data File : VN053738.D
Acq On : 12 Feb 2019 18:41
Operator : JC/SP
Sample : K1462-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations APPROVED
MMDadoda
2/13/2019 12:15:35 PM

Quant Time: Feb 13 06:00:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	735811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1222571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1099944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	430722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	389661	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.58%			
35) Dibromofluoromethane	7.59	113	386250	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
50) Toluene-d8	10.09	98	1474745	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.68%			
62) 4-Bromofluorobenzene	12.40	95	470457	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.26%			
Target Compounds						Qvalue
16) Acetone	3.82	43	20012	10.569	ug/l	100
20) Methylene Chloride	4.56	84	30279	3.812	ug/l	94
25) 2-Butanone	6.85	43	4148	1.536	ug/l	90
43) Isopropyl Acetate	8.17	43	34148m	2.873	ug/l	
95) Naphthalene	15.13	128	197859	11.830	ug/l	98

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

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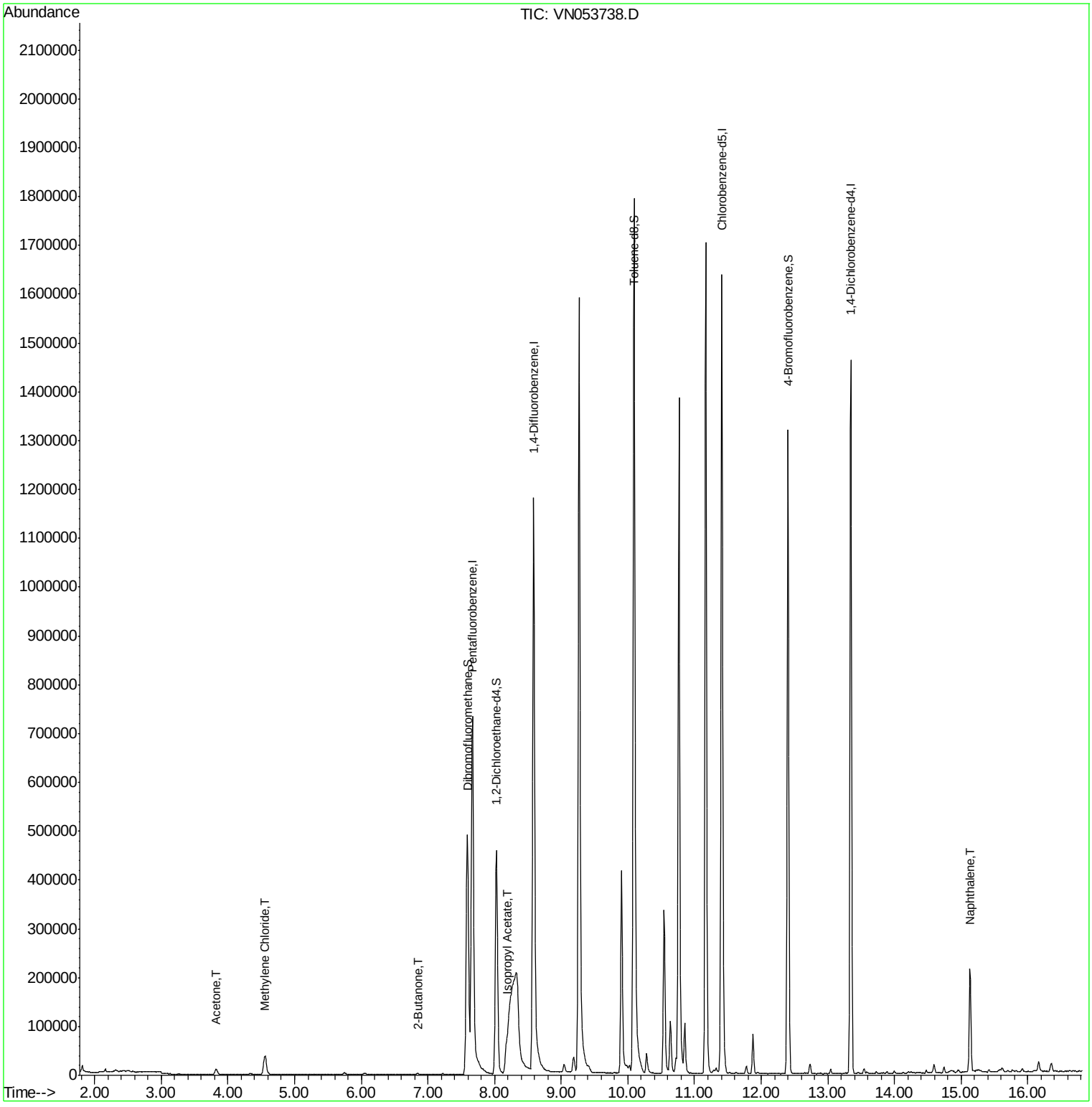
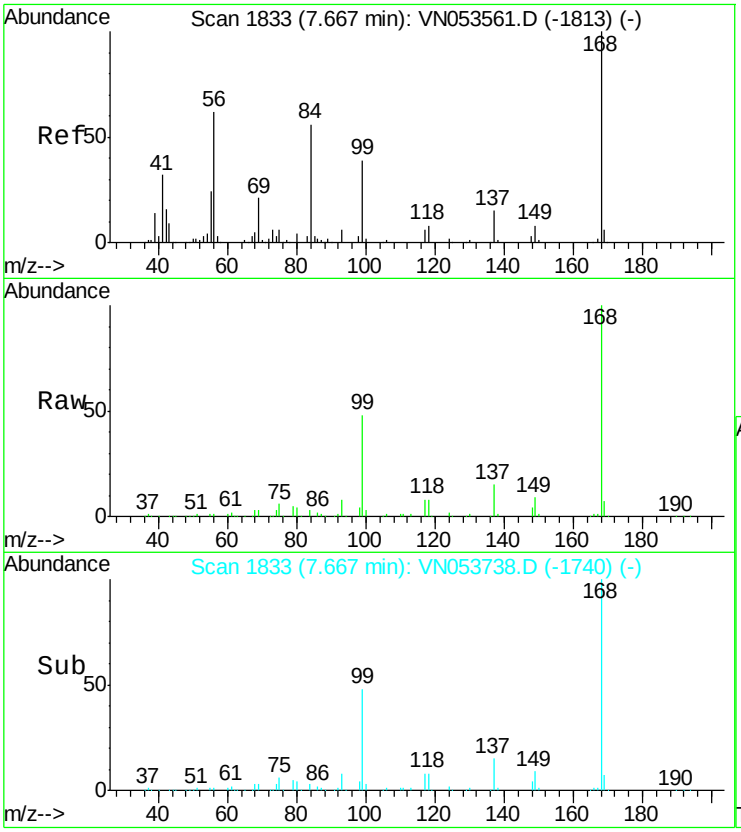
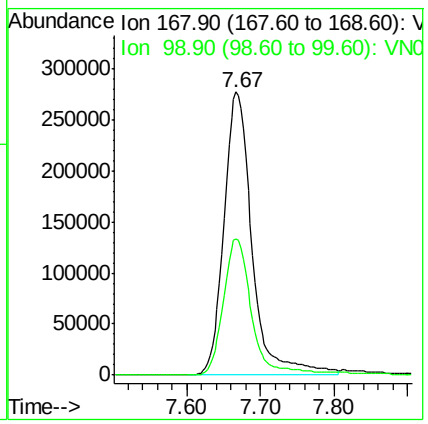




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion:168 Resp: 735811

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.1	58.7



Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations APPROVED
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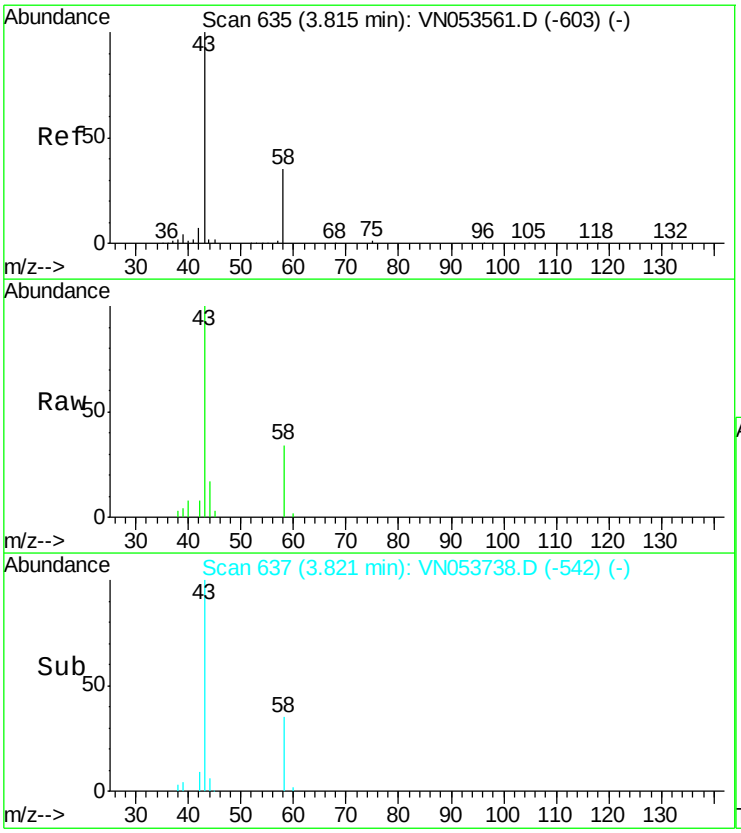
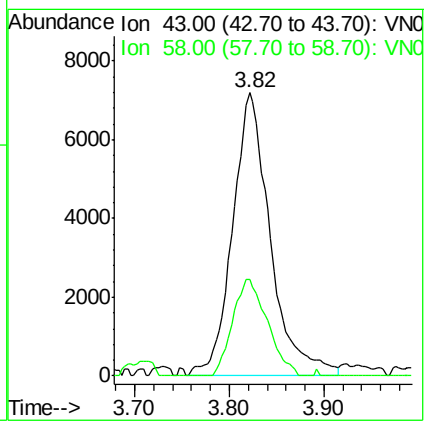
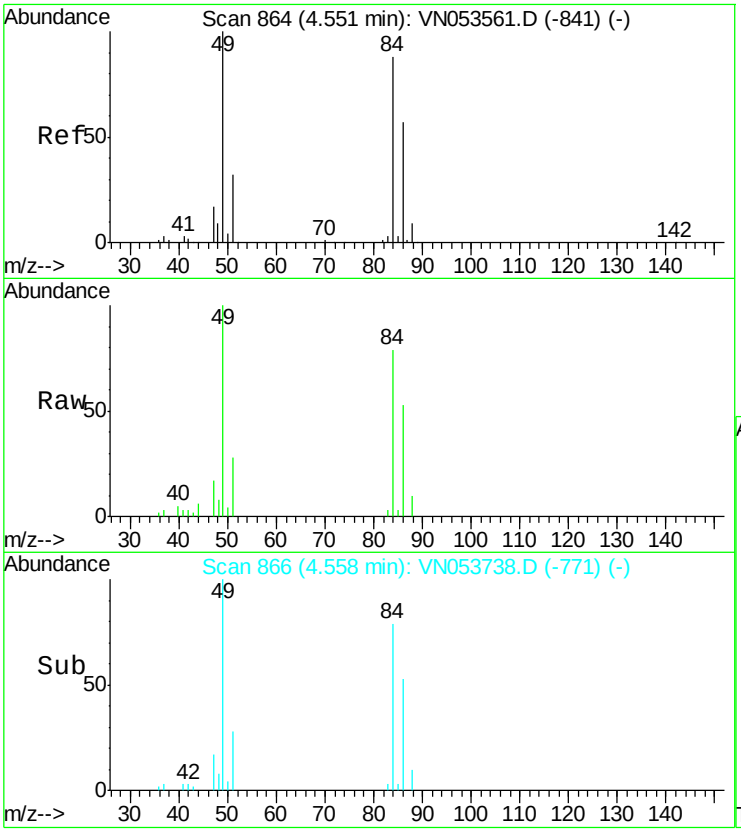


#16
Acetone
Concen: 10.569 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion: 43 Resp: 20012

Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.1	40.7

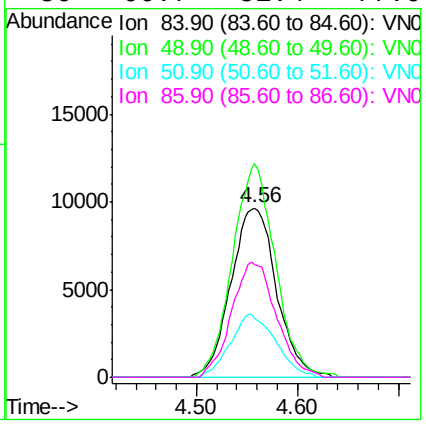




#20
Methylene Chloride
Concen: 3.812 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion: 84 Resp: 30279

Ion	Ratio	Lower	Upper
84	100		
49	126.4	94.3	141.5
51	34.8	29.4	44.2
86	66.7	51.4	77.0



Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations APPROVED
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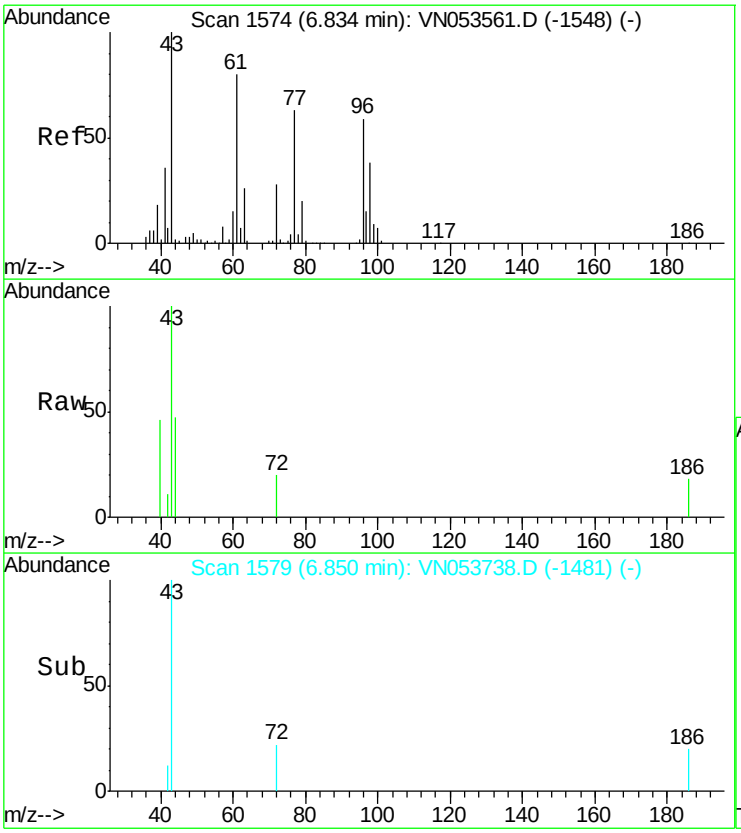
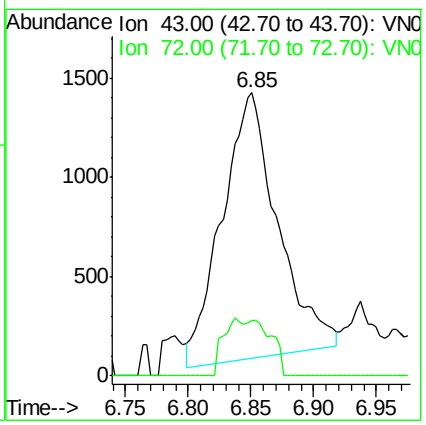
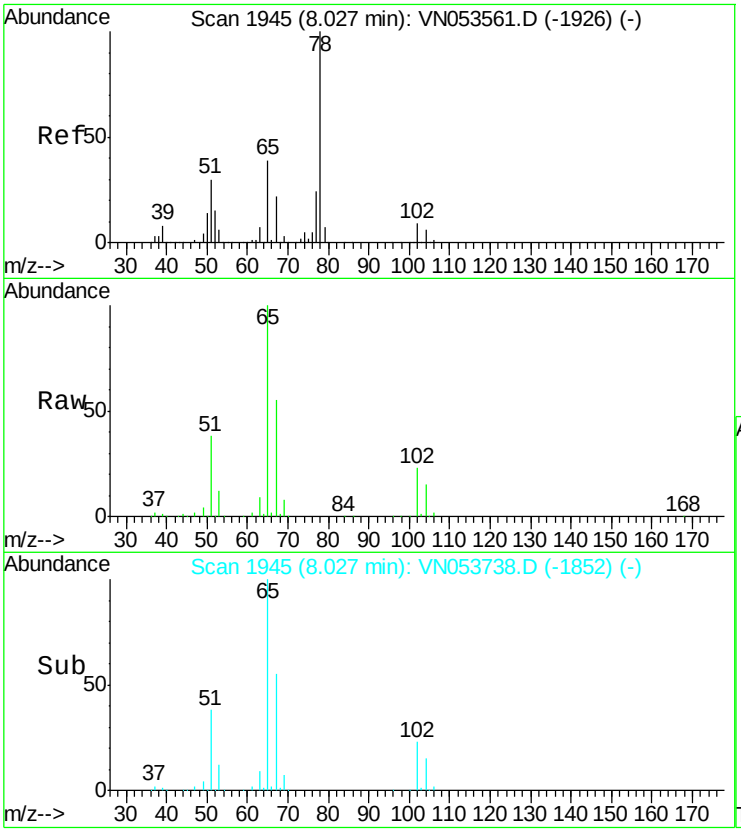


#25
2-Butanone
Concen: 1.536 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion: 43 Resp: 4148

Ion	Ratio	Lower	Upper
43	100		
72	22.0	22.0	33.0

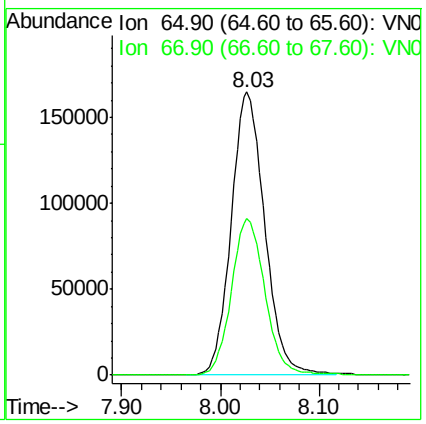




#33
1,2-Dichloroethane-d4
Concen: 52.788 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion: 65 Resp: 389661

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.2



Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations APPROVED
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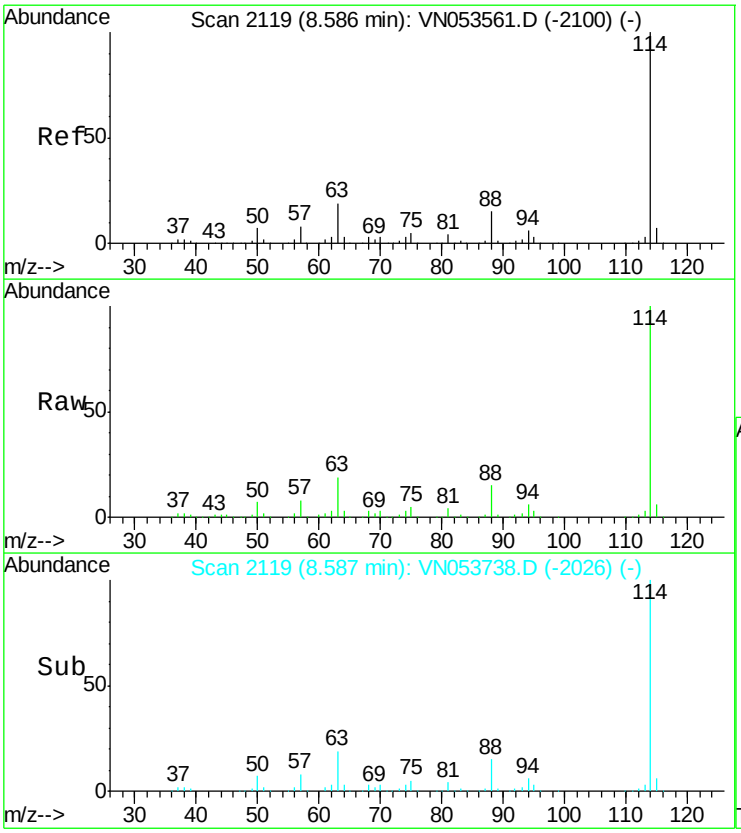
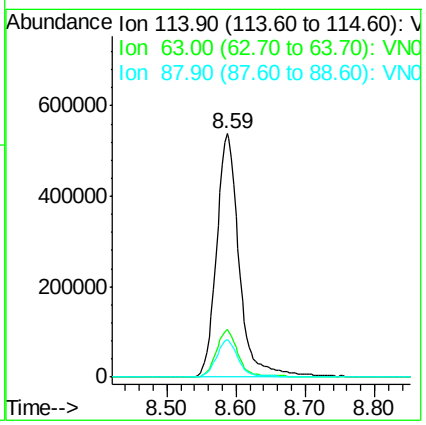
2/13/2019 12:15:35 PM

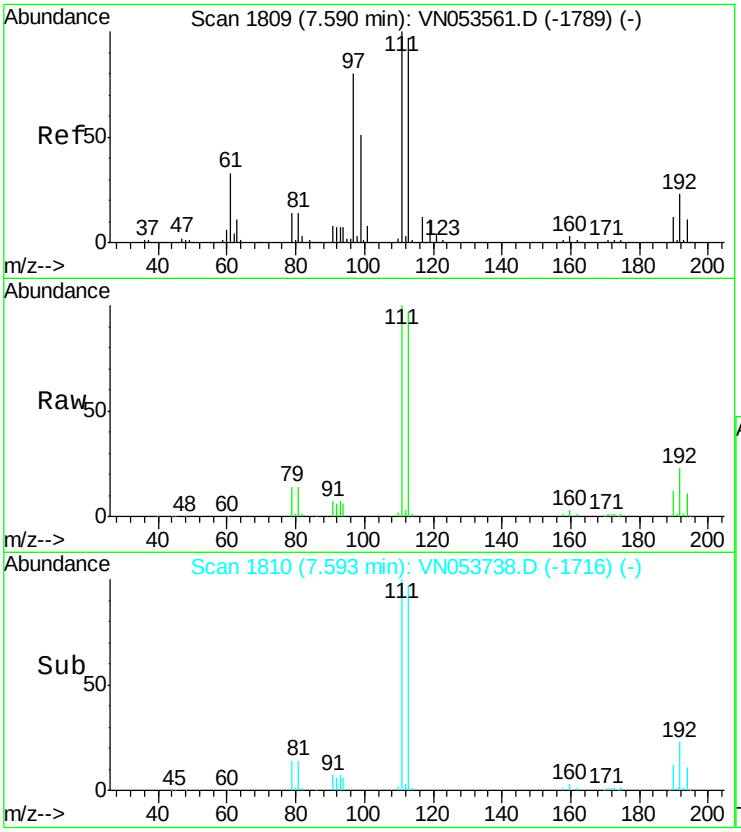


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion:114 Resp: 1222571

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.3	0.0	30.4

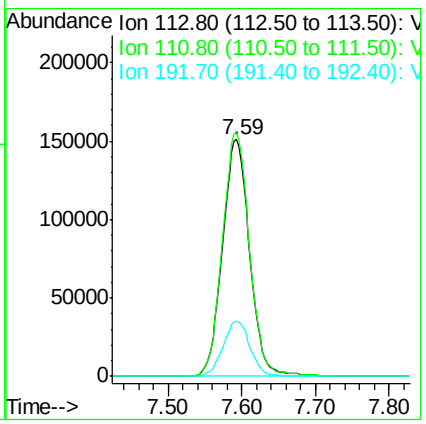




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion:113 Resp: 386250

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	23.3	18.2	27.2



Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations APPROVED
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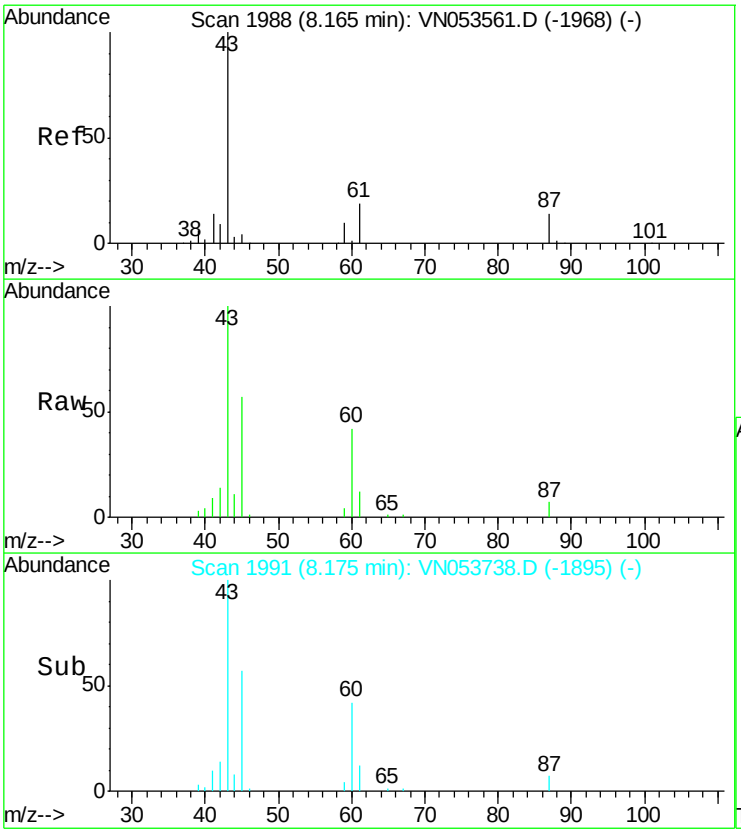
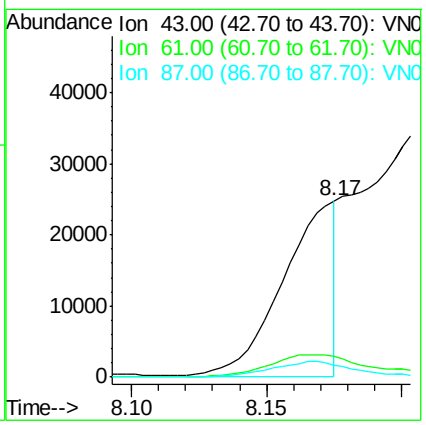
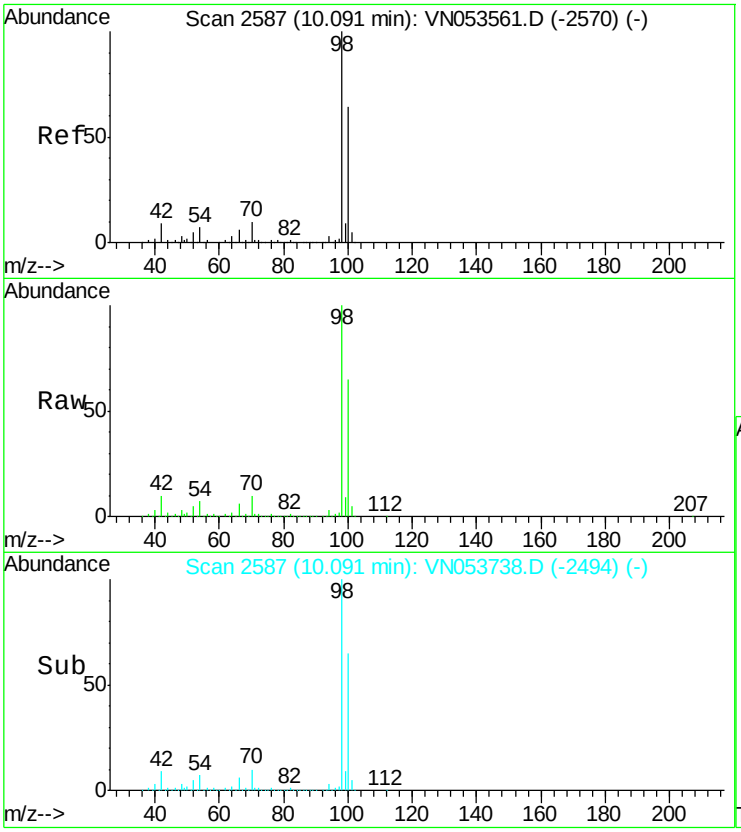


#43
Isopropyl Acetate
Concen: 2.873 ug/l m
RT: 8.17 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion: 43 Resp: 34148

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.9	35.9#
87	0.0	11.0	16.6#

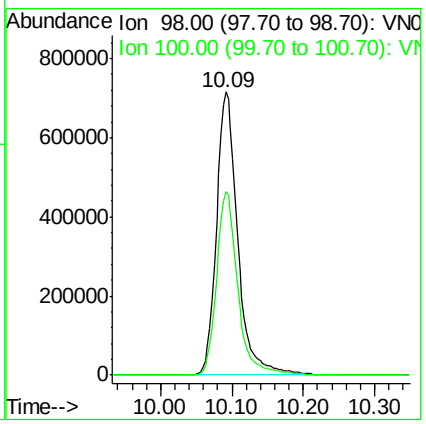




#50
Toluene-d8
Concen: 50.843 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion: 98 Resp: 1474745

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0



Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations APPROVED
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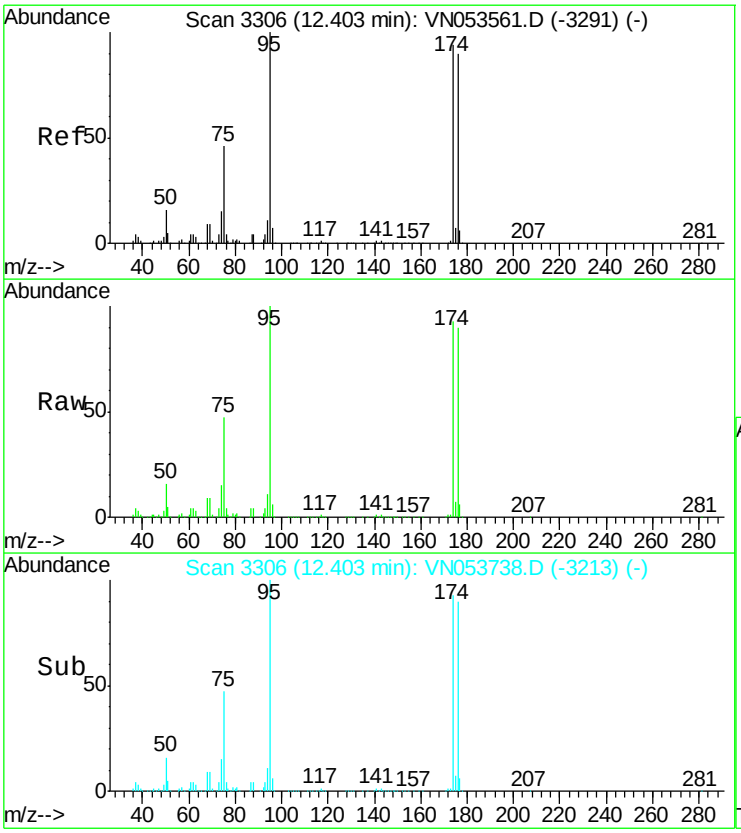
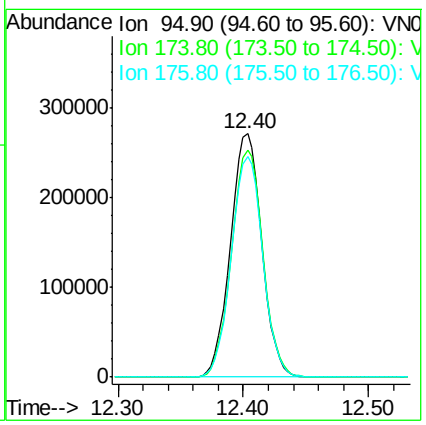
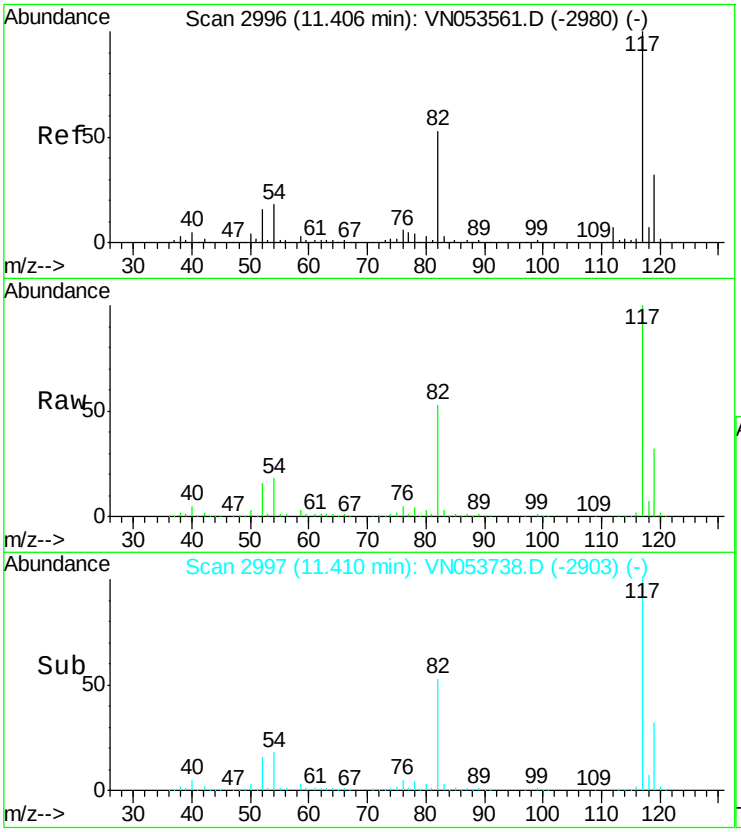


#62
4-Bromofluorobenzene
Concen: 48.631 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion: 95 Resp: 470457

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	183.2
176	90.9	0.0	177.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion:117 Resp: 1099944

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.9	64.3
119	32.1	26.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations APPROVED
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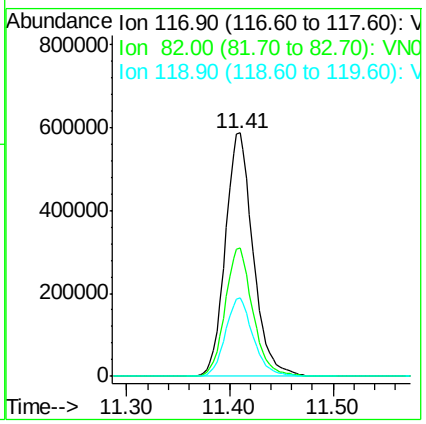
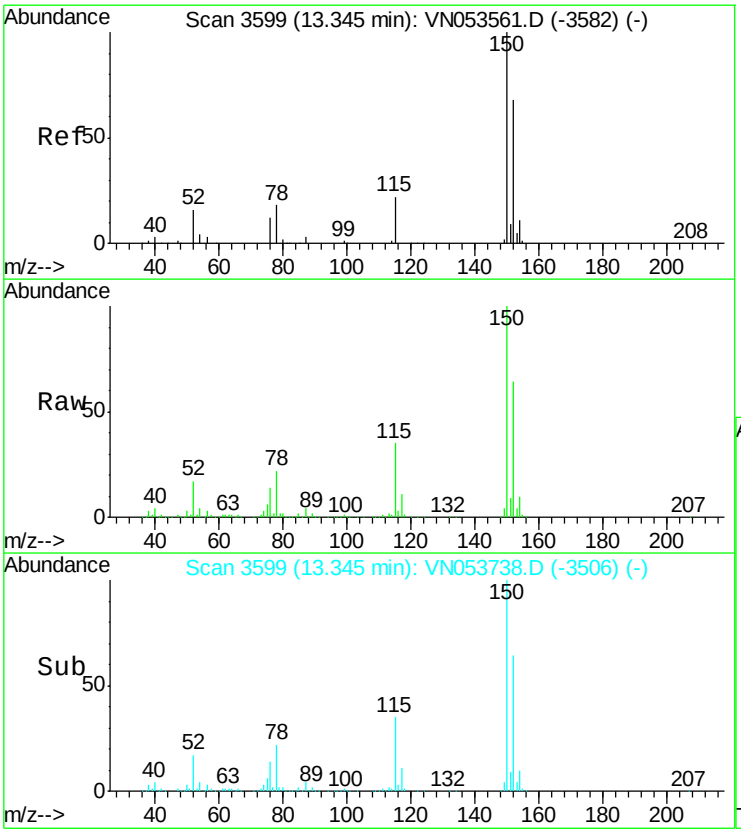
2/13/2019 12:15:35 PM

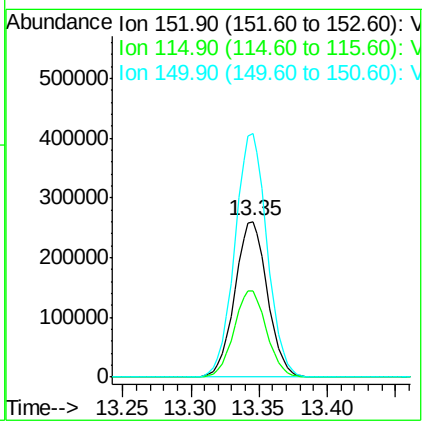


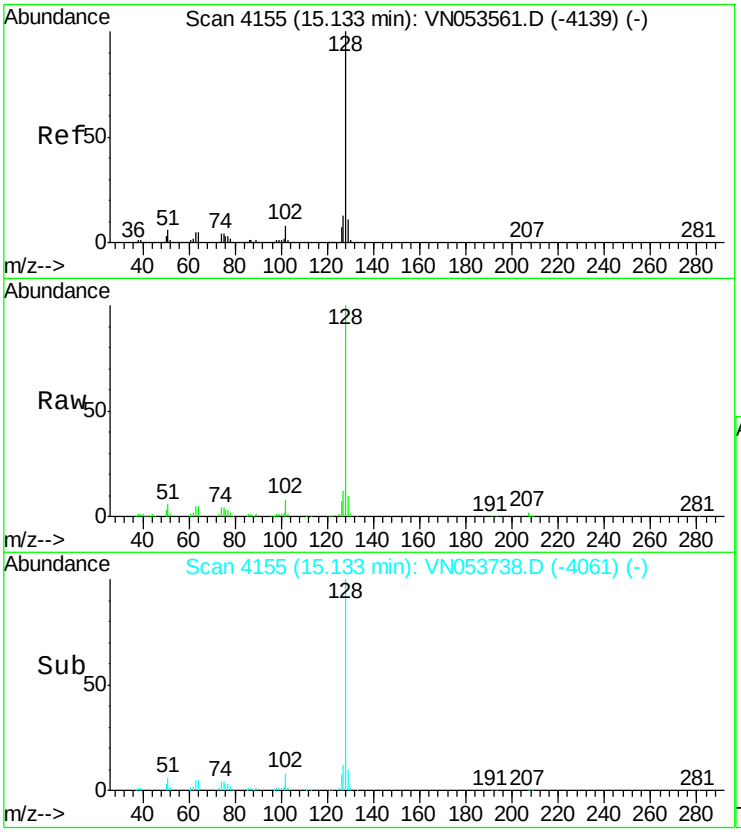


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion:152 Resp: 430722

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	154.9	0.0	349.0

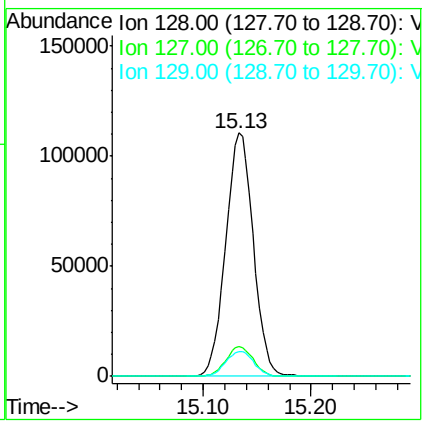




#95
Naphthalene
Concen: 11.830 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion:128 Resp: 197859

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	10.5	8.6	13.0



Instrument :
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TP-1-D

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2/13/2019 12:15:35 PM