Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071619\
Data File : VN056769.D
Acq On : 16 Jul 2019 15:22
Operator : JC/SP
Sample : K3847-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 17 08:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	251158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	453580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	148572	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.96%			
35) Dibromofluoromethane	7.59	113	135757	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.18%			
50) Toluene-d8	10.09	98	565034	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.66%			
62) 4-Bromofluorobenzene	12.40	95	199381	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.46%			
Target Compounds						Qvalue
87) 1,3-Dichlorobenzene	13.28	146	3618	0.632	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	3800m	0.683	ug/l	
91) 1,2-Dichlorobenzene	13.65	146	10566	1.805	ug/l	99

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

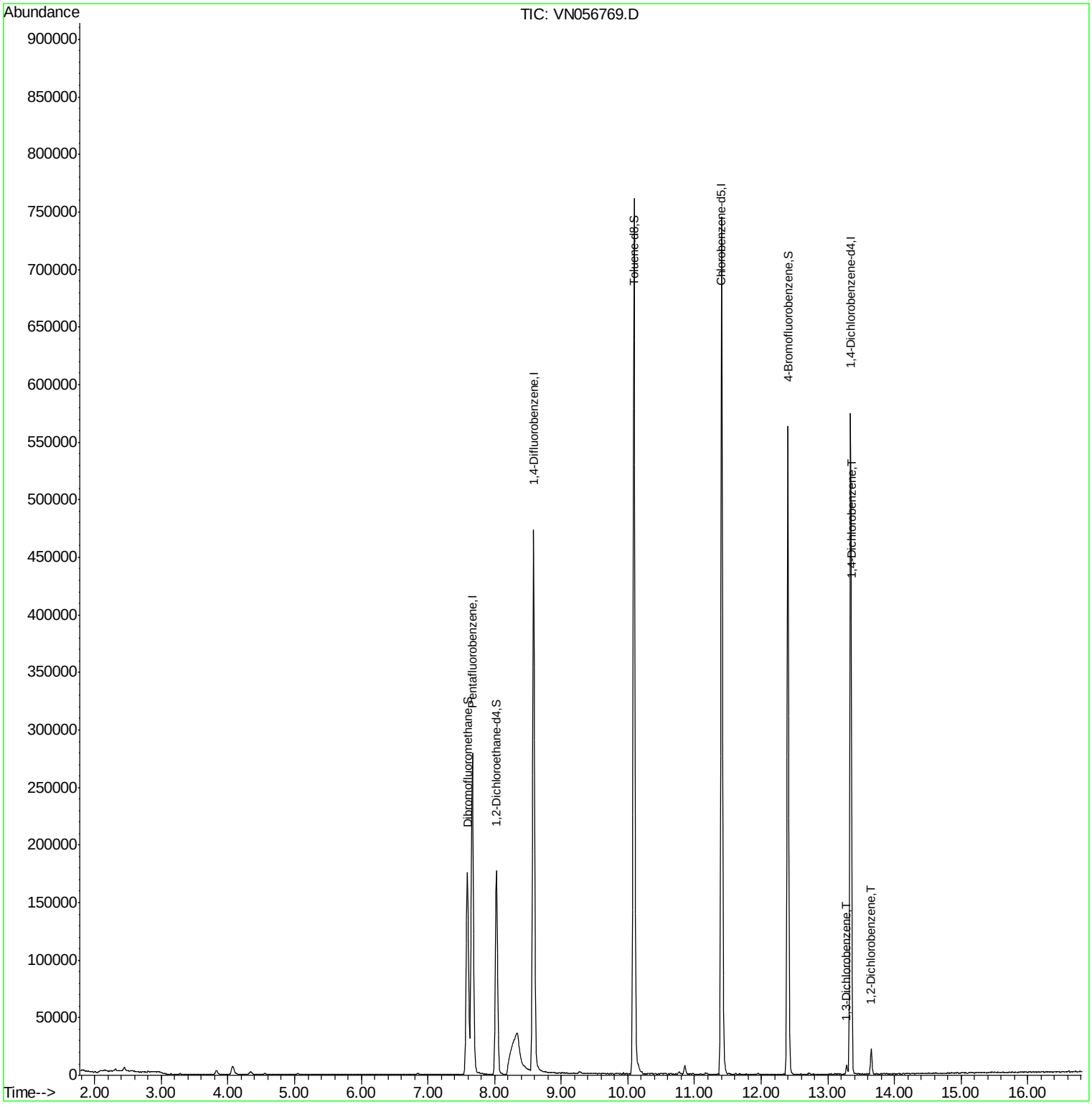
Quantitation Report (QT Reviewed)

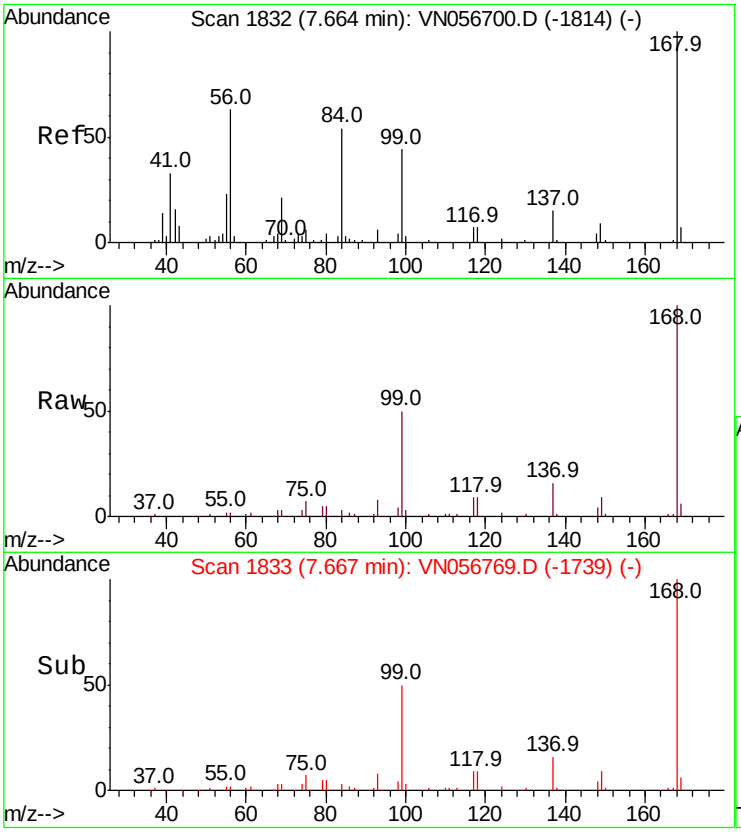
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071619\
Data File : VN056769.D
Acq On : 16 Jul 2019 15:22
Operator : JC/SP
Sample : K3847-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 17 08:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM

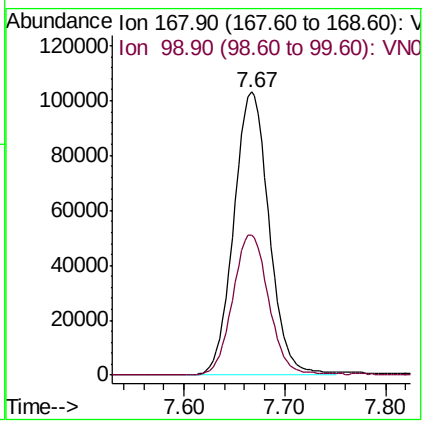




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

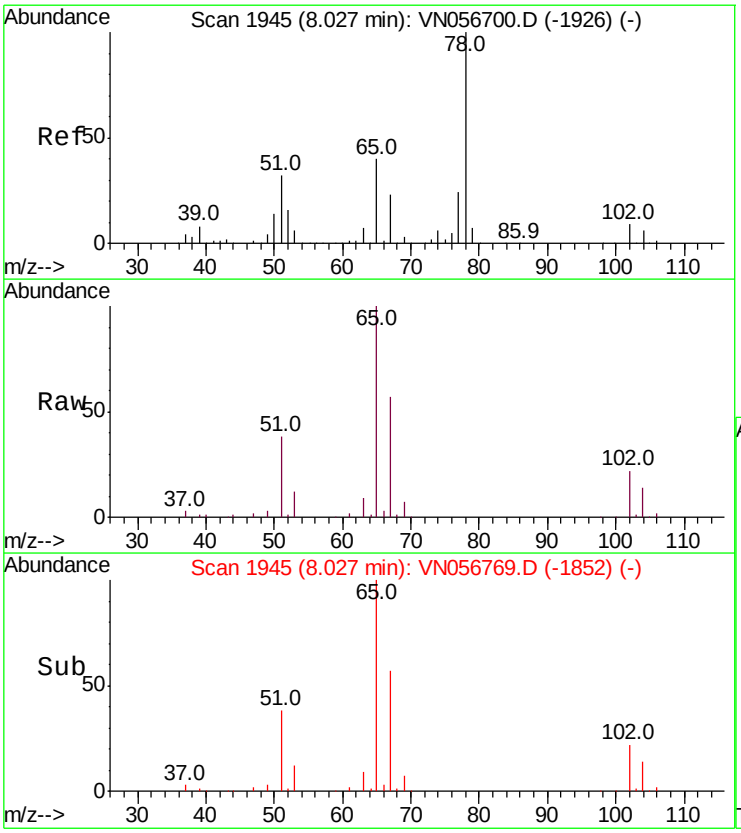
Tgt Ion:168 Resp: 251158

Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.4	59.2



Instrument :
MSVOA_N
ClientSampleId :
MW-1

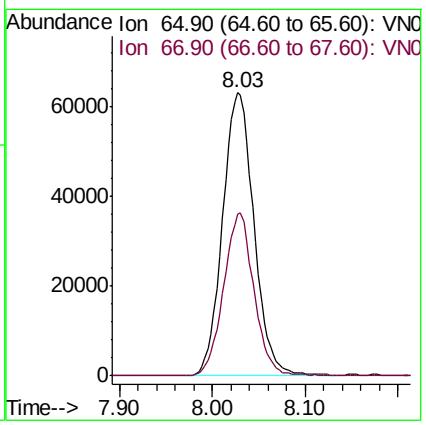
Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM

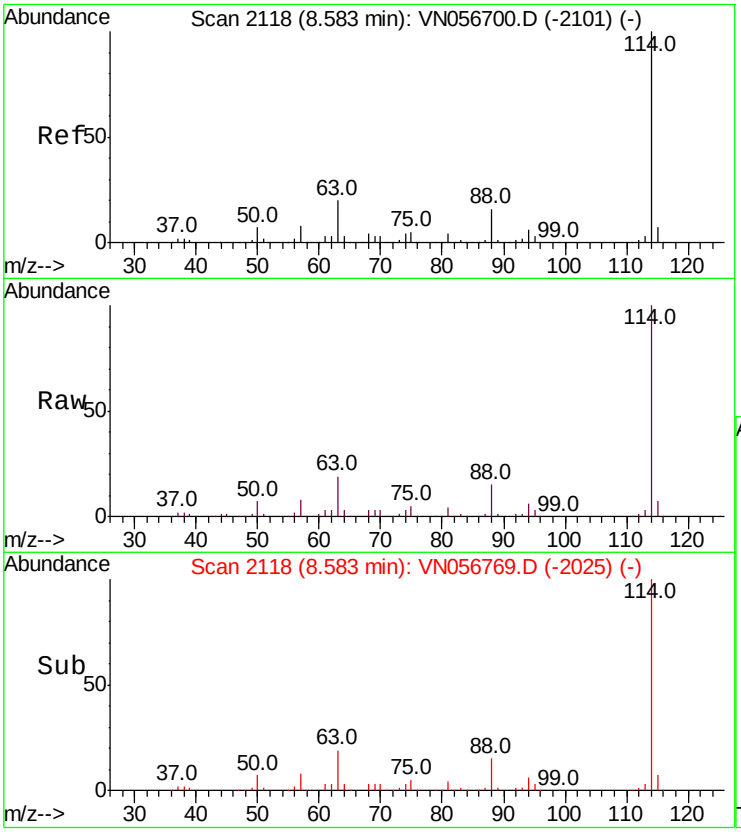


#33
1,2-Dichloroethane-d4
Concen: 53.479 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

Tgt Ion: 65 Resp: 148572

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	109.0

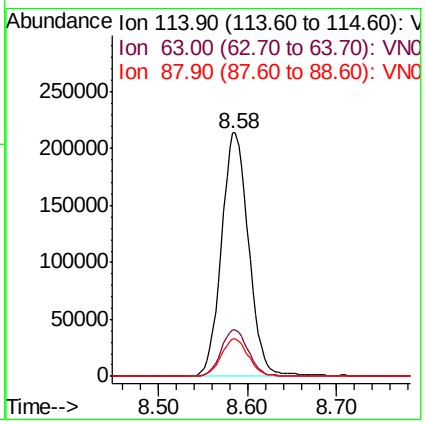




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

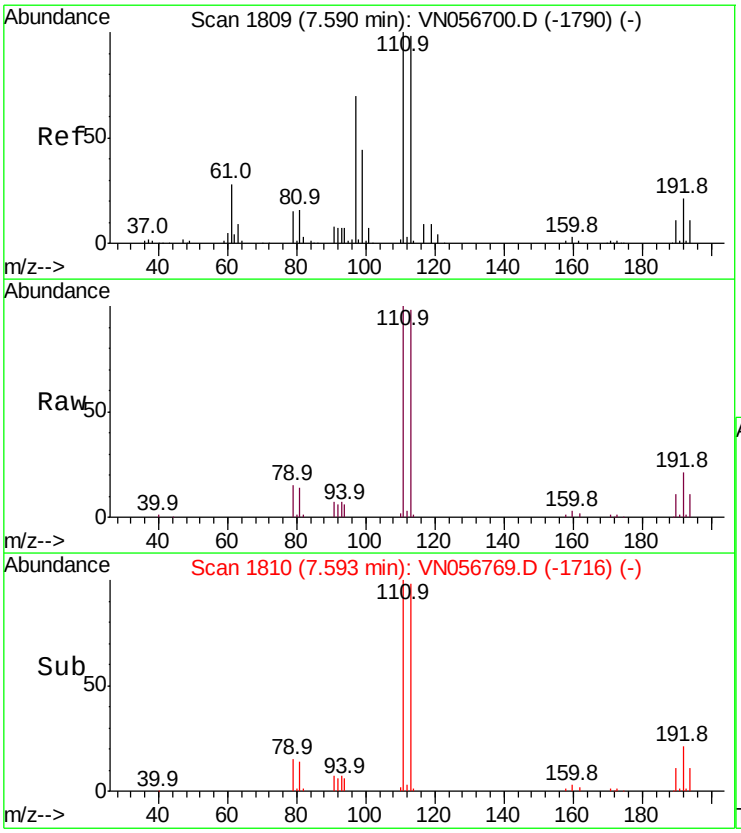
Tgt Ion:114 Resp: 453580

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.4
88	15.3	0.0	31.2



Instrument :
MSVOA_N
ClientSampleId :
MW-1

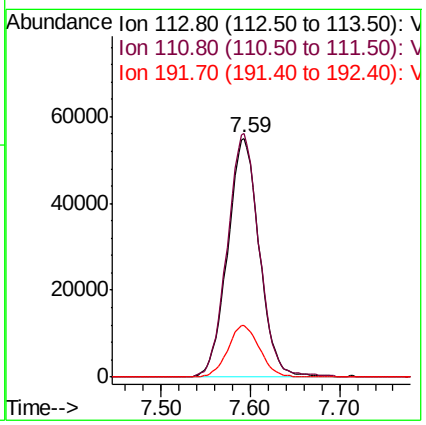
Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM

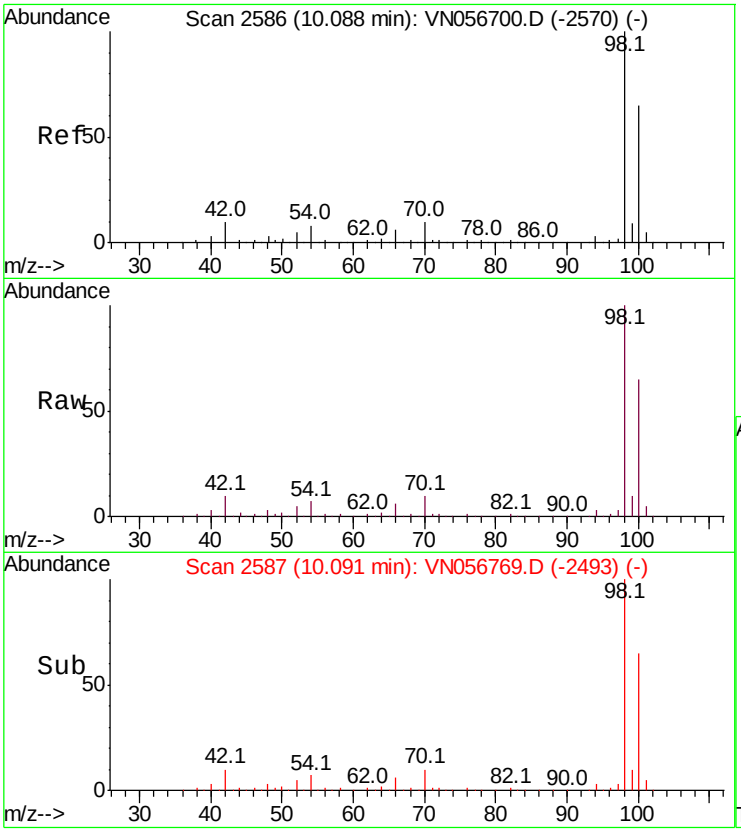


#35
Dibromofluoromethane
Concen: 48.094 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

Tgt Ion:113 Resp: 135757

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	21.6	17.5	26.3

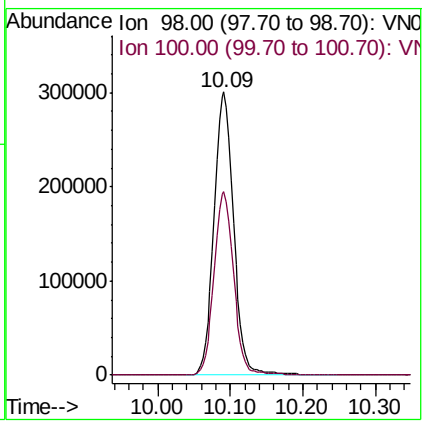




#50
Toluene-d8
Concen: 51.828 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

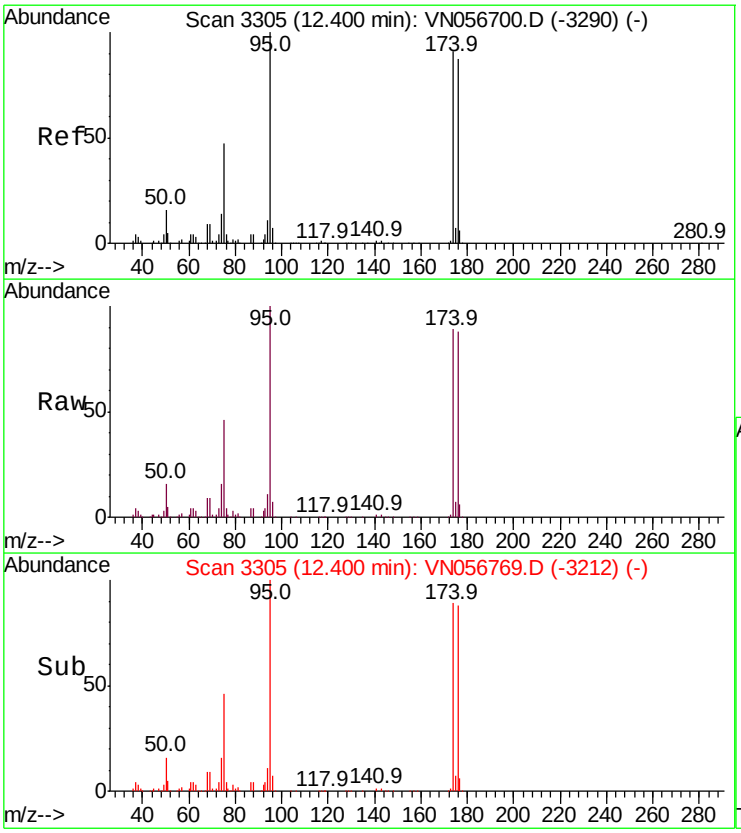
Tgt Ion: 98 Resp: 565034

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0



Instrument :
MSVOA_N
ClientSampleId :
MW-1

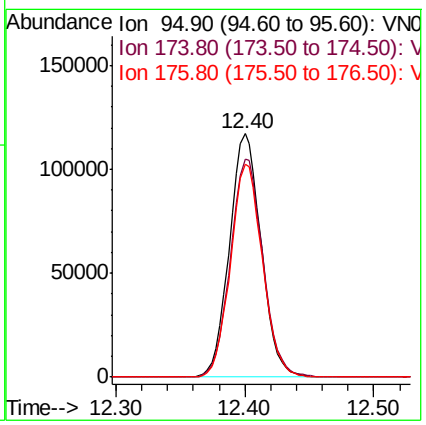
Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM

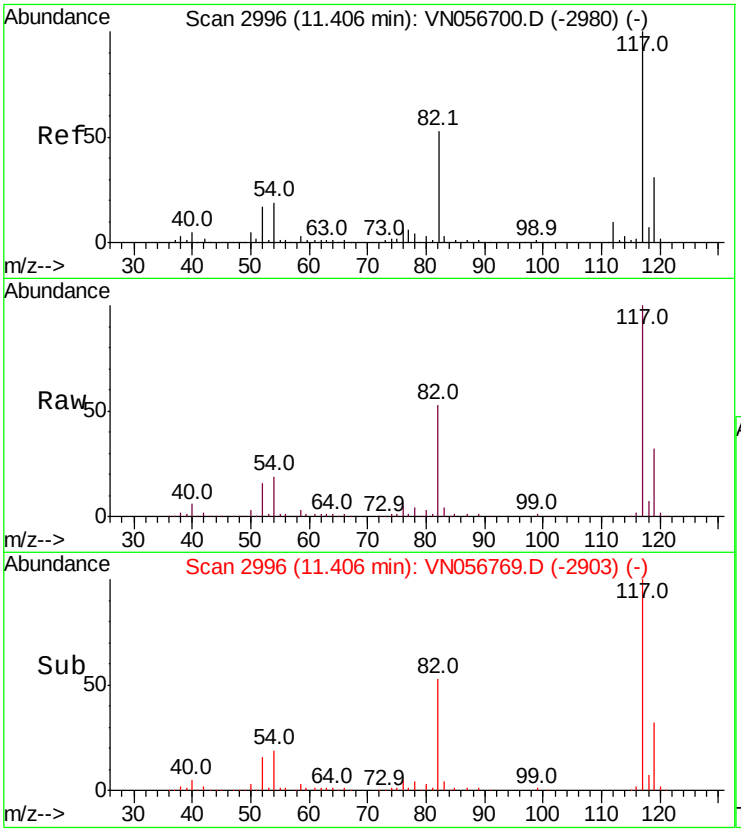


#62
4-Bromofluorobenzene
Concen: 54.231 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

Tgt Ion: 95 Resp: 199381

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	180.0
176	88.4	0.0	173.2

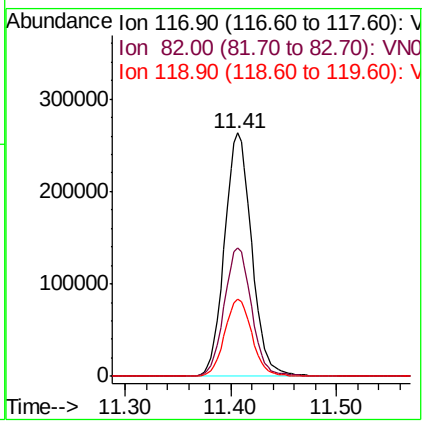




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

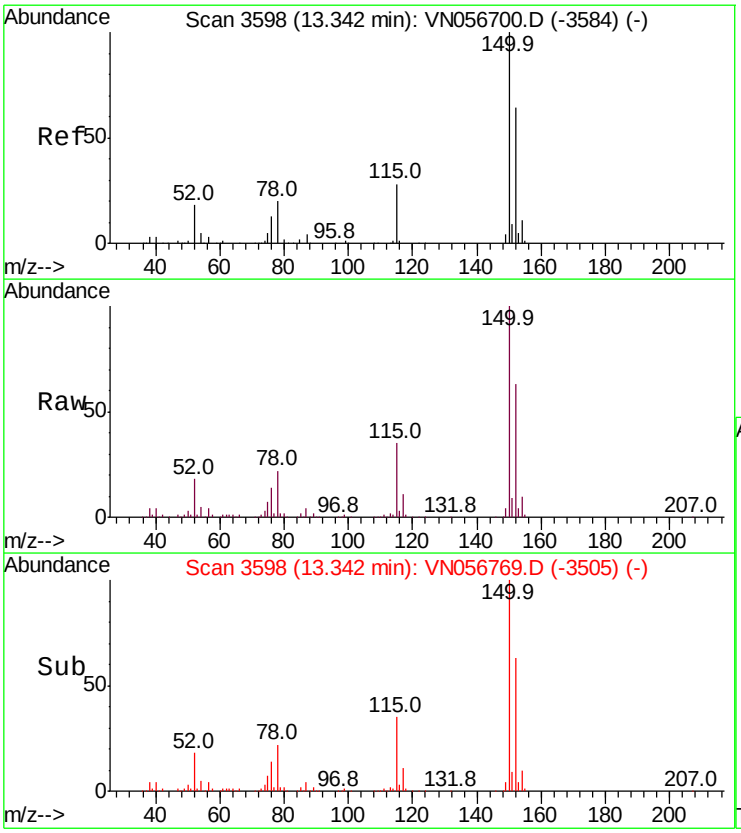
Tgt Ion:117 Resp: 468939

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.2
119	31.6	25.2	37.8



Instrument :
MSVOA_N
ClientSampleId :
MW-1

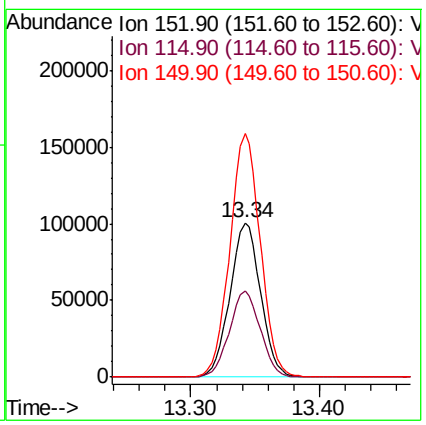
Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM

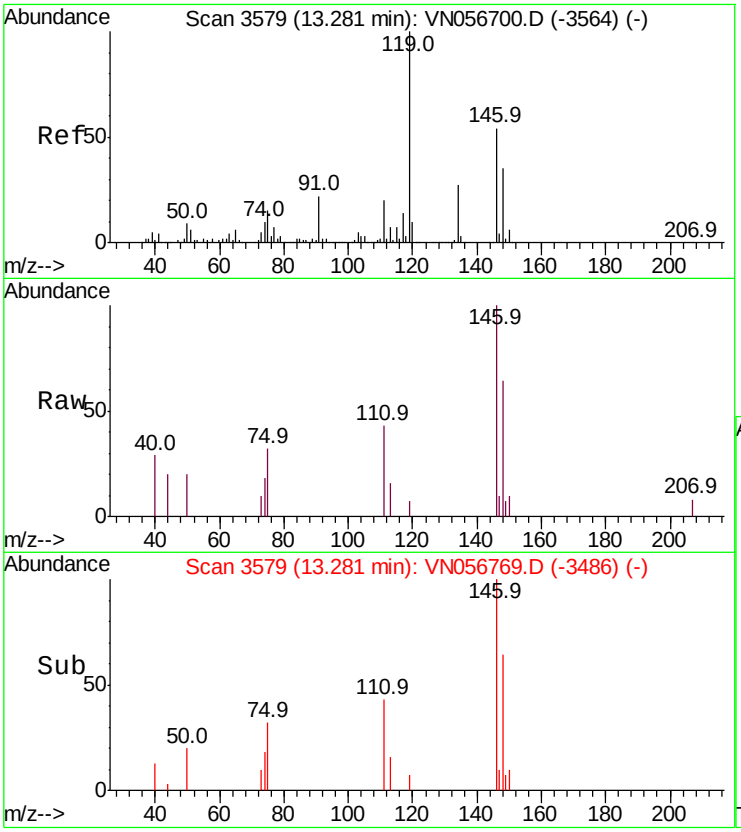


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

Tgt Ion:152 Resp: 165584

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	156.7	0.0	345.8

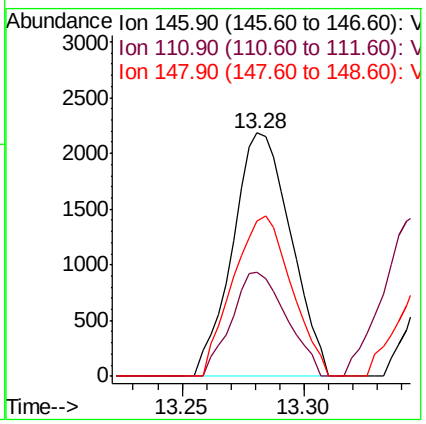




#87
1,3-Dichlorobenzene
Concen: 0.632 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

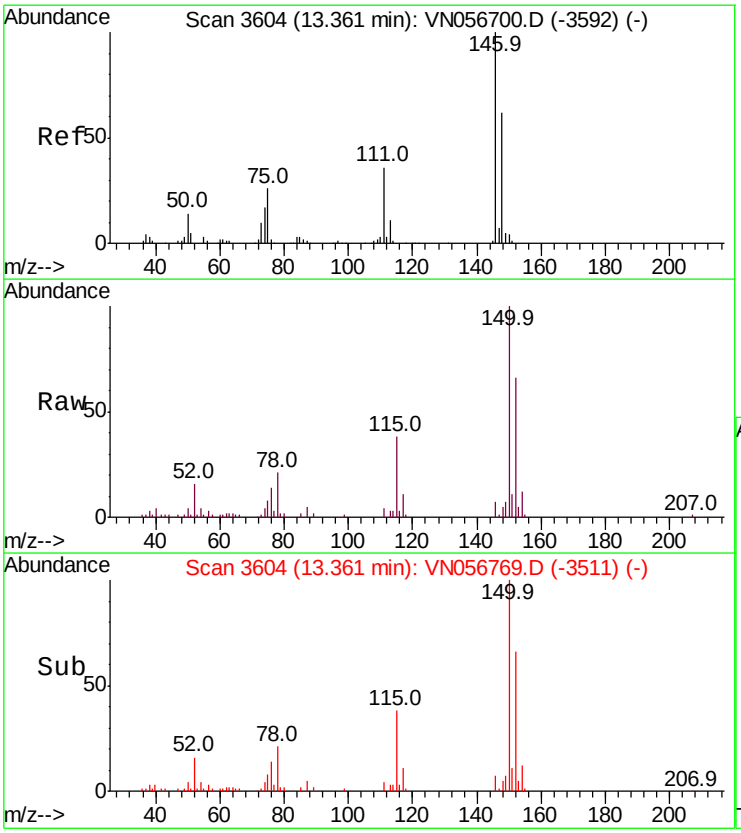
Tgt Ion:146 Resp: 3618

Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.8	56.3
148	66.4	32.3	96.8



Instrument :
MSVOA_N
ClientSampleId :
MW-1

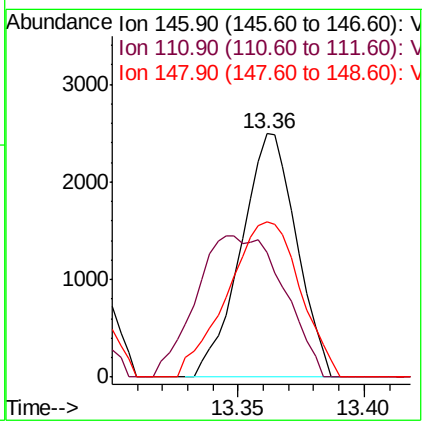
Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM

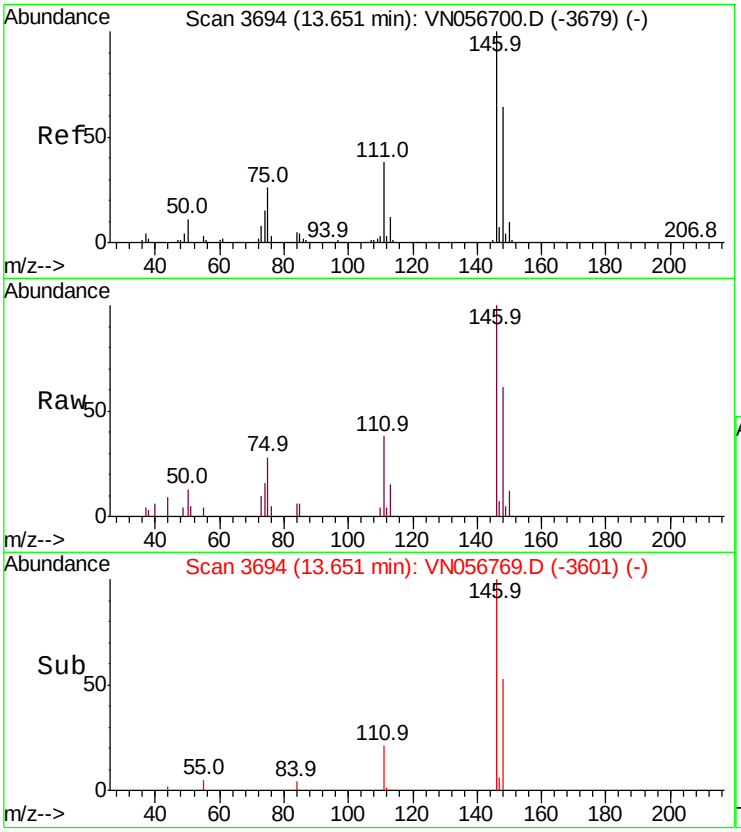


#88
1,4-Dichlorobenzene
Concen: 0.683 ug/l m
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

Tgt Ion:146 Resp: 3800

Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.8
148	63.2	31.9	95.7

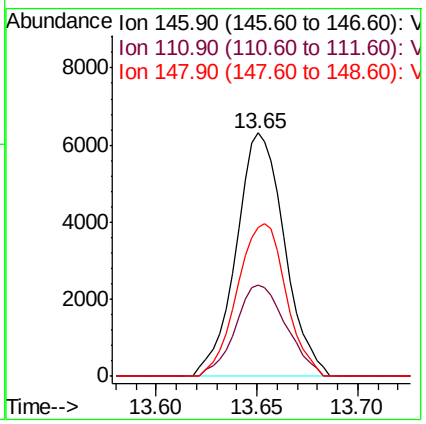




#91
1,2-Dichlorobenzene
Concen: 1.805 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VN056769.D
Acq: 16 Jul 2019 15:22

Tgt Ion:146 Resp: 10566

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.1
148	63.3	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
MW-1

Manual Integrations APPROVED
MMDadoda
7/17/2019 4:57:31 PM