Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060727.D
Acq On : 14 Nov 2018 16:33
Operator : VA/AP
Sample : J5940-01
Misc : 5.88g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Manual Integrations APPROVED
MMDadoda
11/15/2018 1:30:44 PM

Quant Time: Nov 15 07:11:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	230836	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	399202	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	380549	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	167819	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	123681	46.97	ug/l	-0.03
Spiked Amount 50.000			Recovery = 93.94%			
35) Dibromofluoromethane	4.09	113	140859	46.94	ug/l	-0.04
Spiked Amount 50.000			Recovery = 93.88%			
50) Toluene-d8	7.54	98	336933	43.26	ug/l	-0.03
Spiked Amount 50.000			Recovery = 86.52%			
62) 4-Bromofluorobenzene	11.39	95	156114	43.43	ug/l	-0.02
Spiked Amount 50.000			Recovery = 86.86%			
Target Compounds						Qvalue
16) Acetone	2.22	43	16299m	28.96	ug/l	
20) Methylene Chloride	2.17	84	16000m	6.04	ug/l	

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

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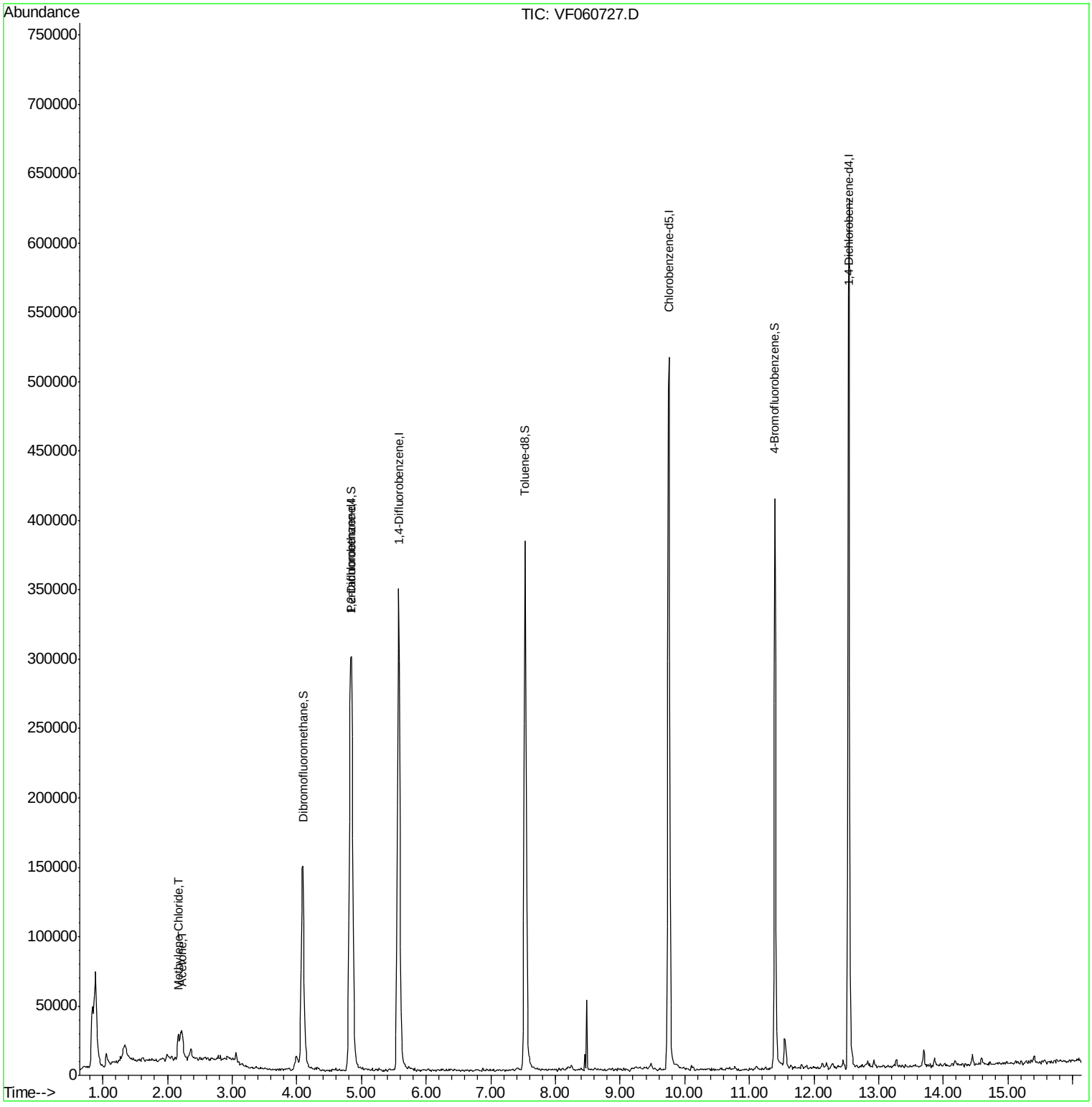

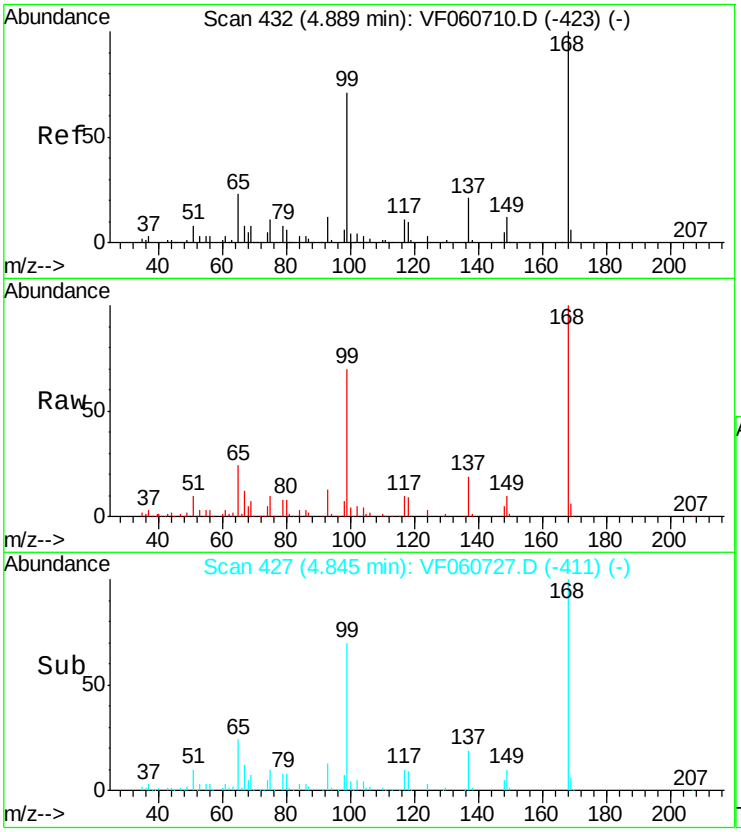

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:168 Resp: 230836

Ion	Ratio	Lower	Upper
168	100		
99	69.8	57.2	85.8

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Manual Integrations APPROVED
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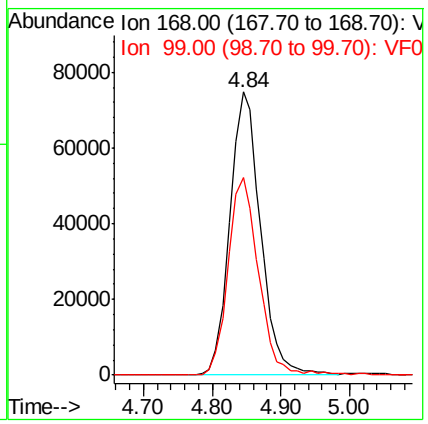
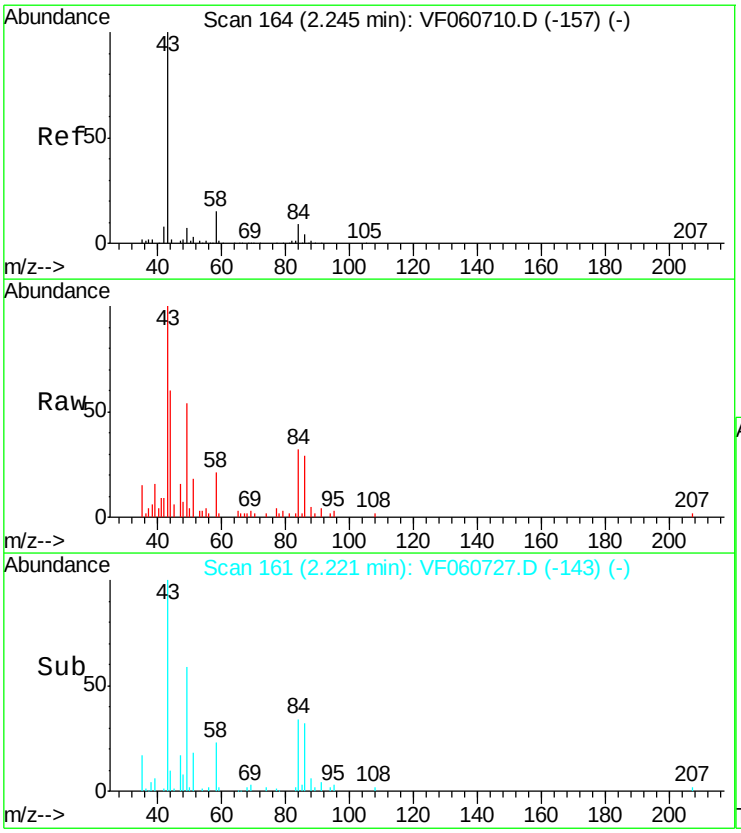
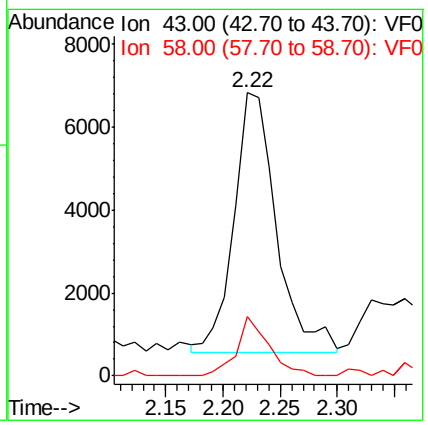


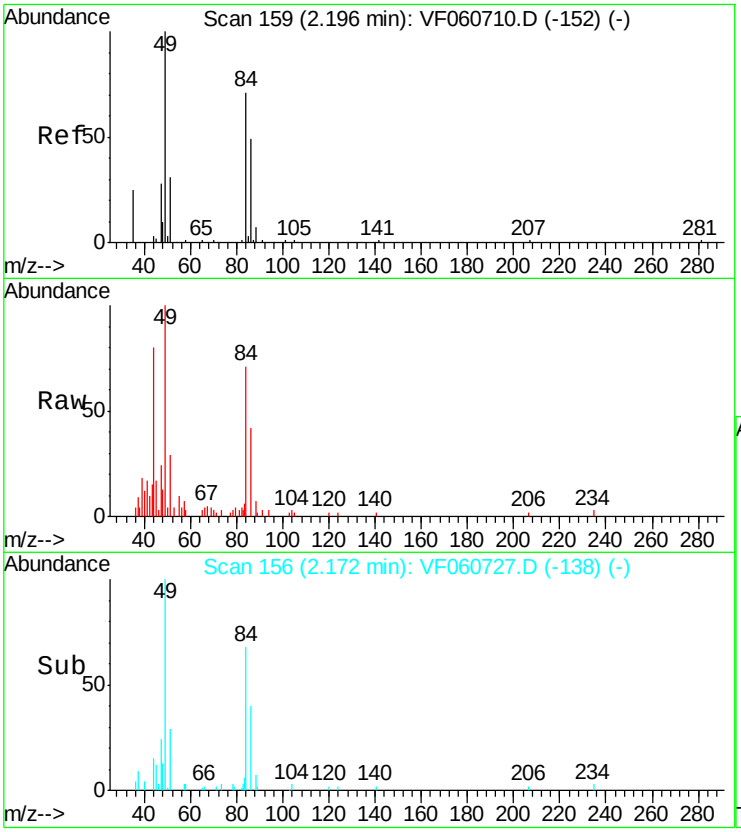


#16
Acetone
Concen: 28.96 ug/l m
RT: 2.22 min Scan# 161
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 43 Resp: 16299

Ion	Ratio	Lower	Upper
43	100		
58	21.1	11.6	17.4#

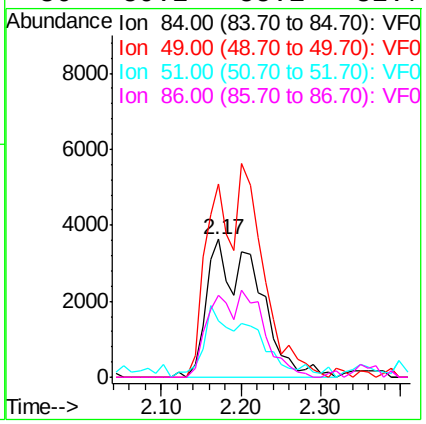




#20
Methylene Chloride
Concen: 6.04 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 84 Resp: 16000

Ion	Ratio	Lower	Upper
84	100		
49	140.4	120.2	180.4
51	41.3	37.2	55.8
86	59.2	55.1	82.7



Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Manual Integrations APPROVED
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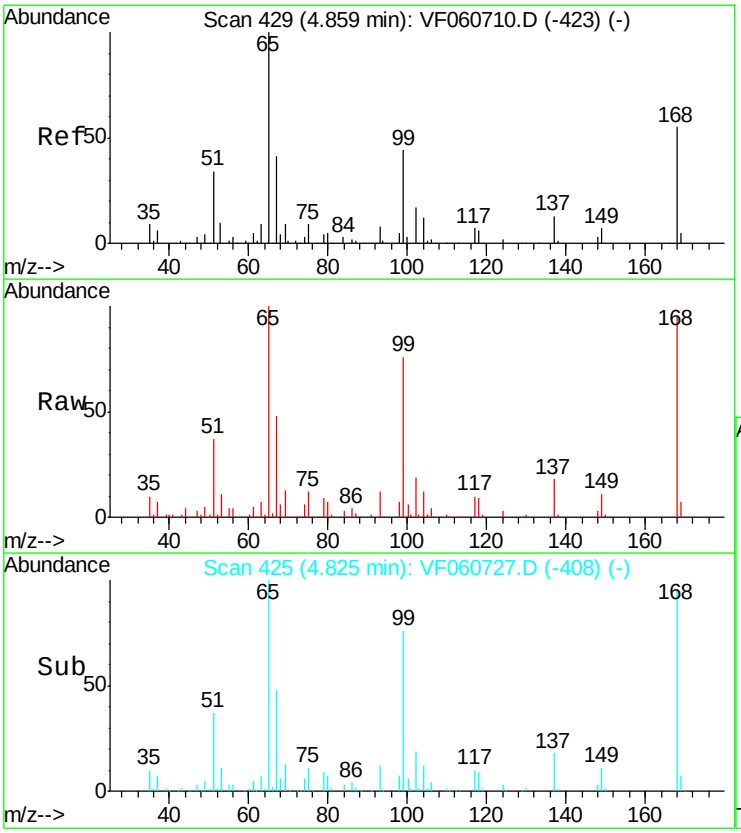
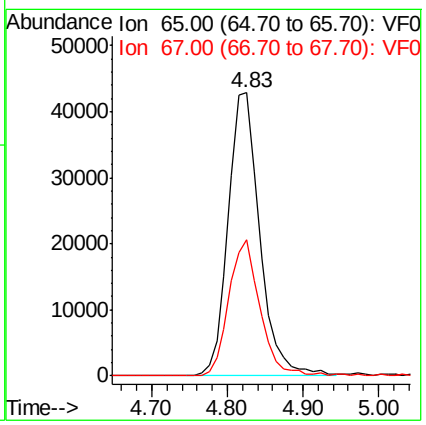
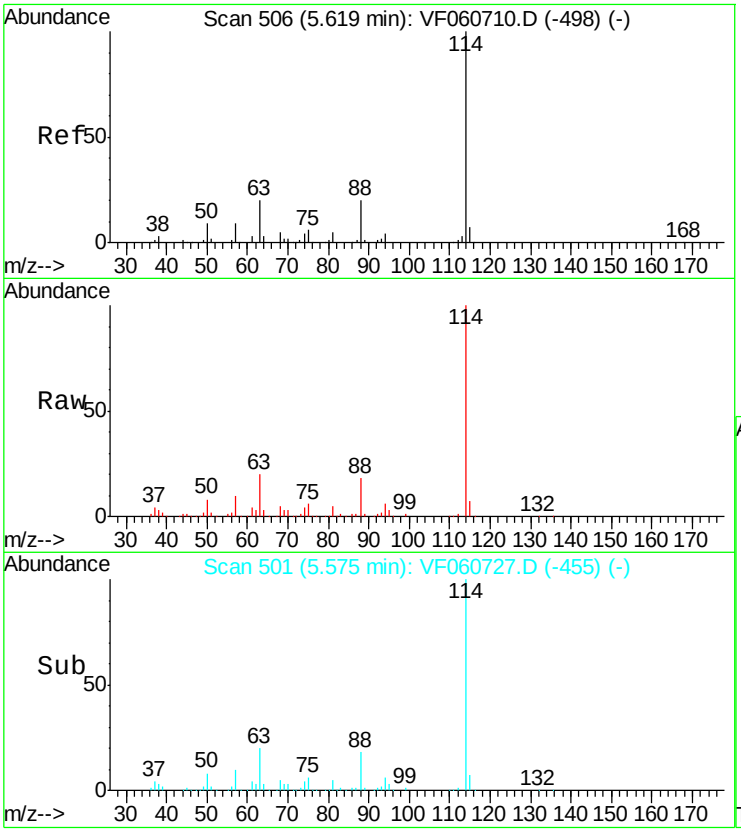


#33
1,2-Dichloroethane-d4
Concen: 46.97 ug/l
RT: 4.83 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 65 Resp: 123681

Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	90.2

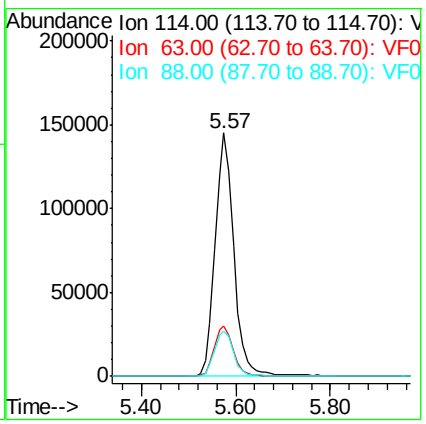




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:114 Resp: 399202

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	18.5	0.0	39.6



Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Manual Integrations APPROVED
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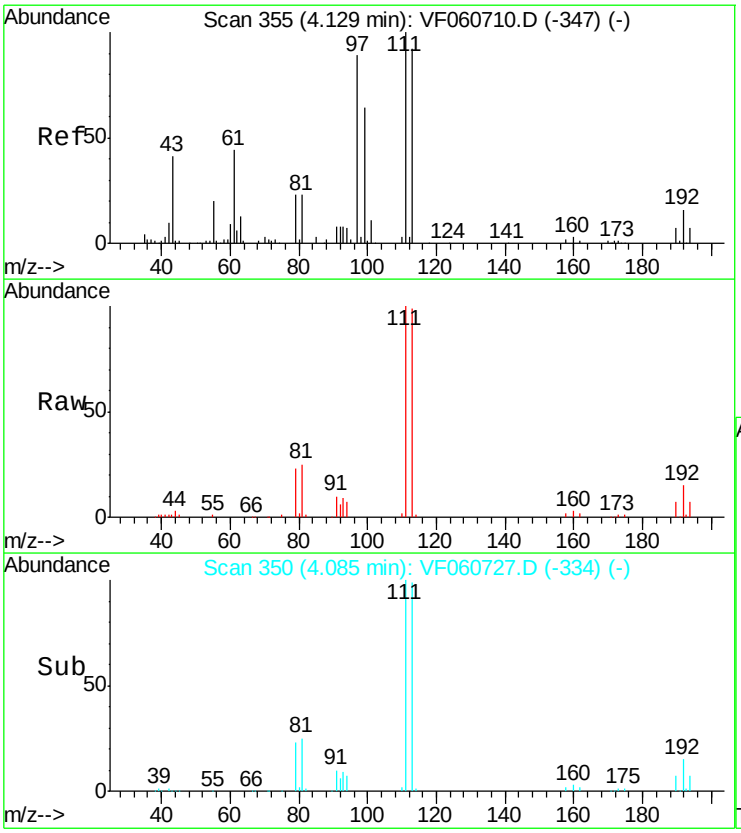
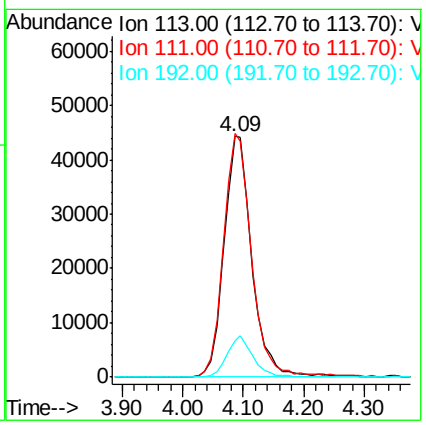
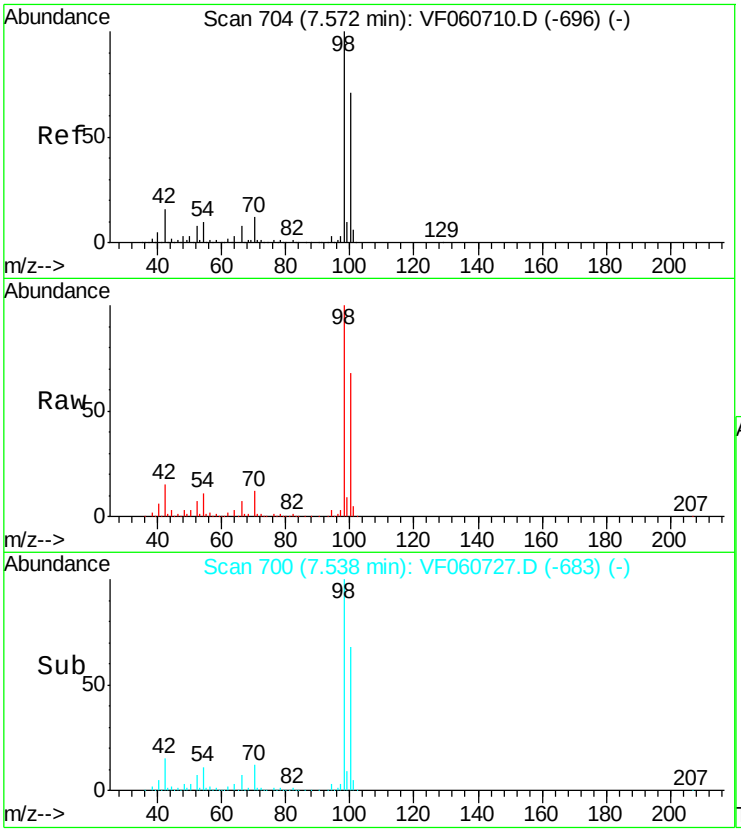


#35
Dibromofluoromethane
Concen: 46.94 ug/l
RT: 4.09 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:113 Resp: 140859

Ion	Ratio	Lower	Upper
113	100		
111	101.2	87.1	130.7
192	14.9	13.8	20.6

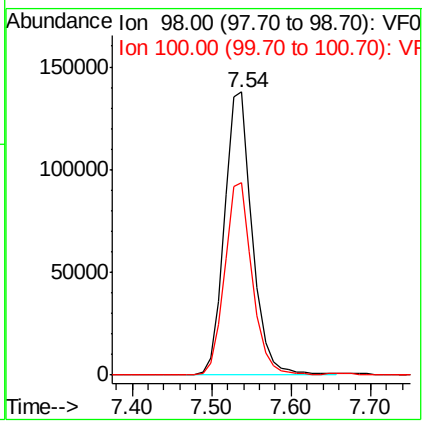




#50
Toluene-d8
Concen: 43.26 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 98 Resp: 336933

Ion	Ratio	Lower	Upper
98	100		
100	68.2	56.5	84.7



Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Manual Integrations APPROVED
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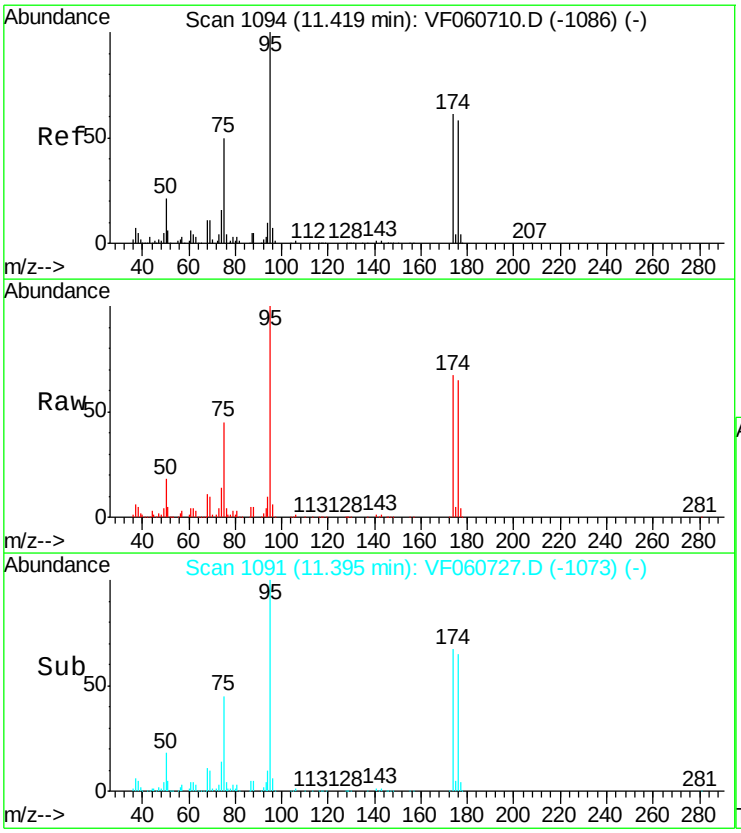
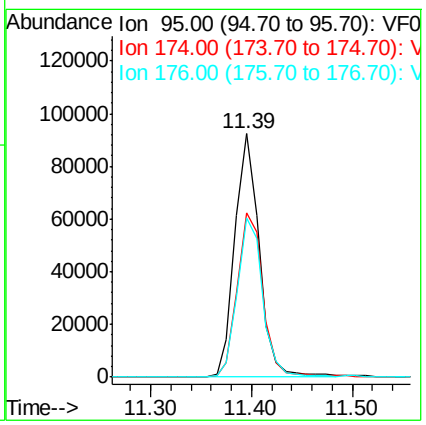
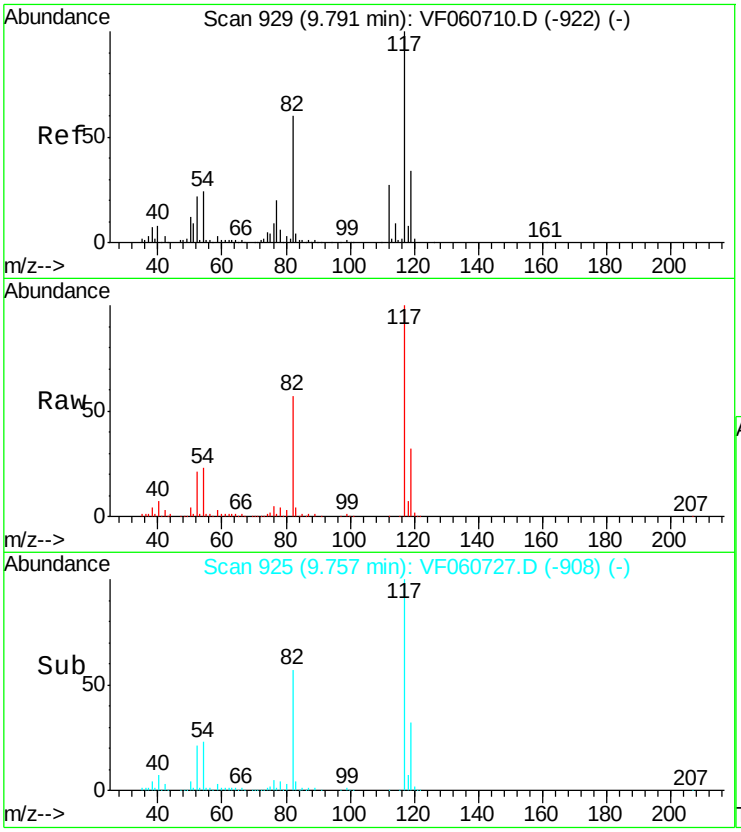


#62
4-Bromofluorobenzene
Concen: 43.43 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 95 Resp: 156114

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	121.6
176	65.4	0.0	115.2

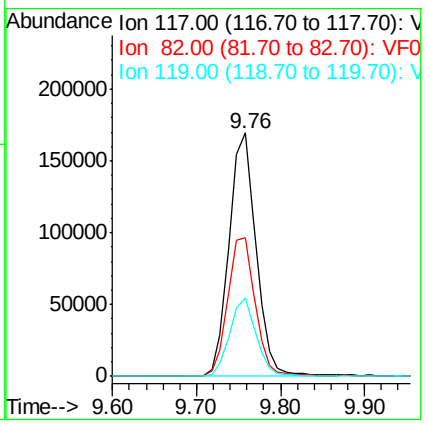




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:117 Resp: 380549

Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.9	71.9
119	32.4	26.8	40.2



Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Manual Integrations APPROVED
MMDadoda
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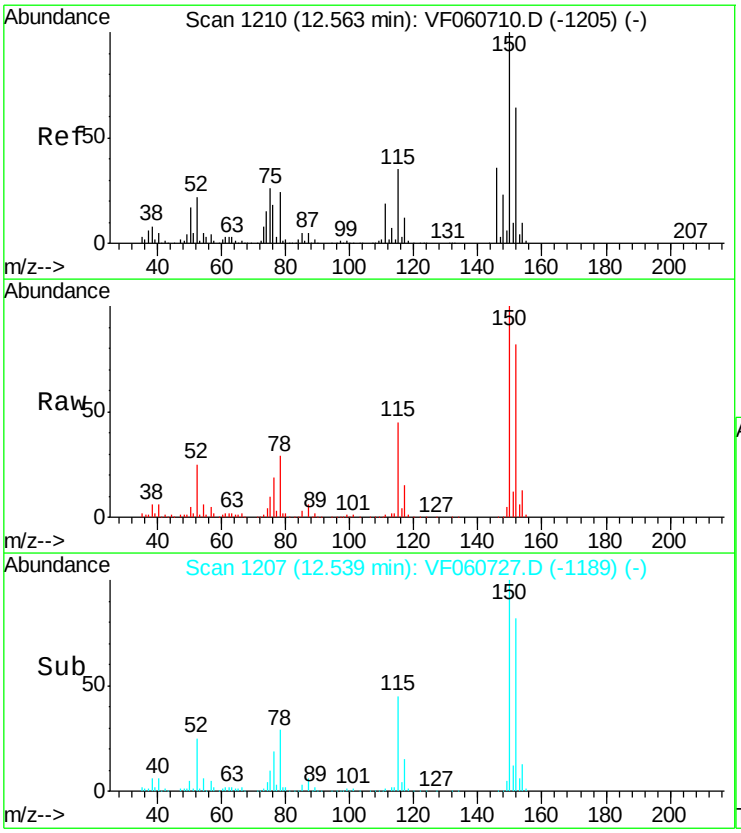

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:152 Resp: 167819

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.9	83.7
150	121.9	0.0	316.4