Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022219\
Data File : VF061714.D
Acq On : 22 Feb 2019 17:57
Operator : VA/AP
Sample : K1586-03RE
Misc : 5.80g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
M-1RE

Manual Integrations APPROVED
MMDadoda
2/27/2019 5:41:16 PM

Quant Time: Feb 23 03:21:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	369362	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	573479	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	483459	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	277880	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	119637	44.17	ug/l	-0.03
Spiked Amount 50.000			Recovery = 88.34%			
35) Dibromofluoromethane	4.10	113	173197	40.67	ug/l	-0.02
Spiked Amount 50.000			Recovery = 81.34%			
50) Toluene-d8	7.53	98	467510	38.19	ug/l	-0.03
Spiked Amount 50.000			Recovery = 76.38%			
62) 4-Bromofluorobenzene	11.40	95	209919	42.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.76%			
Target Compounds						Qvalue
16) Acetone	2.22	43	10499	18.066	ug/l	# 77
20) Methylene Chloride	2.18	84	24946m	5.782	ug/l	

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

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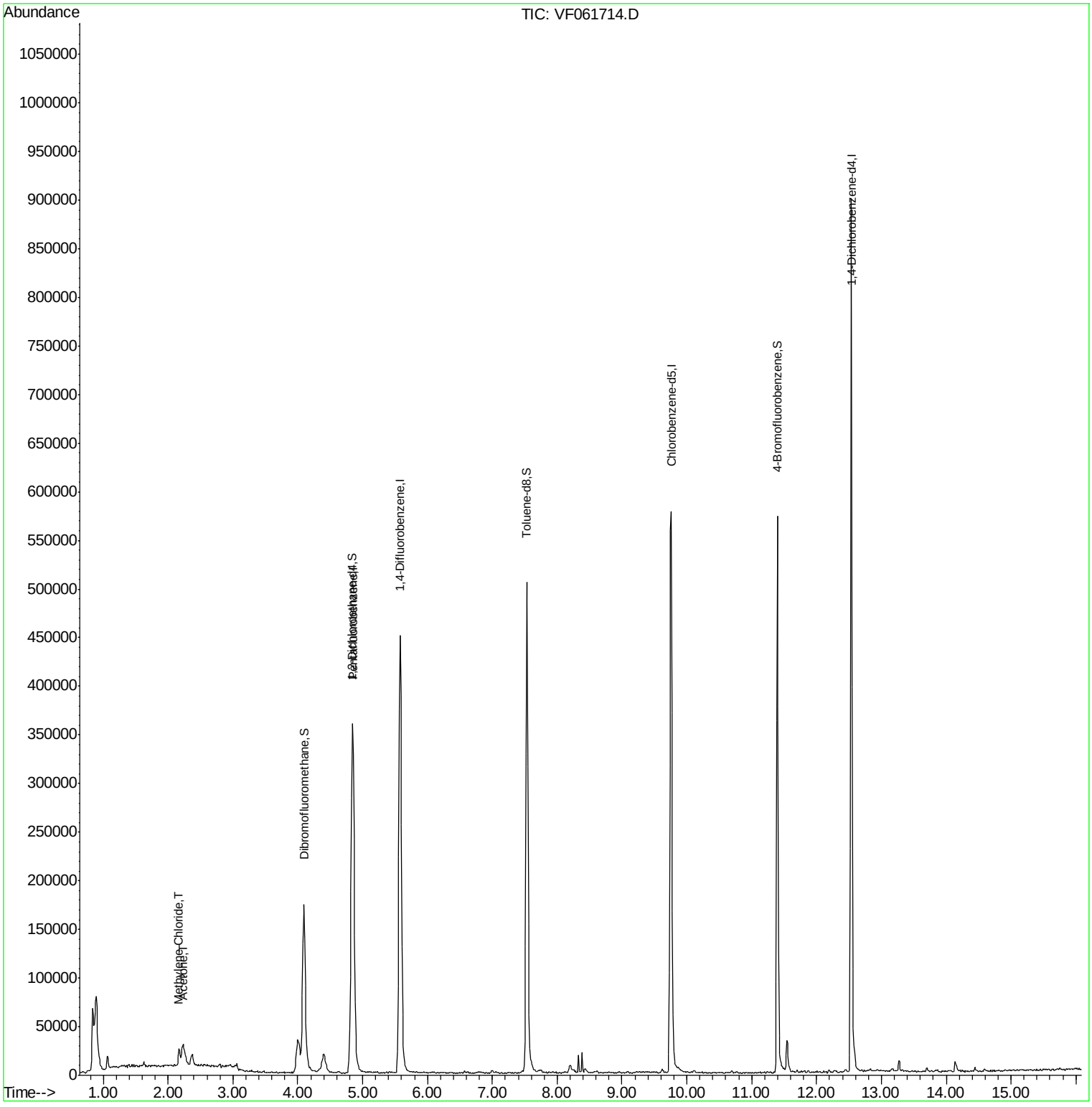
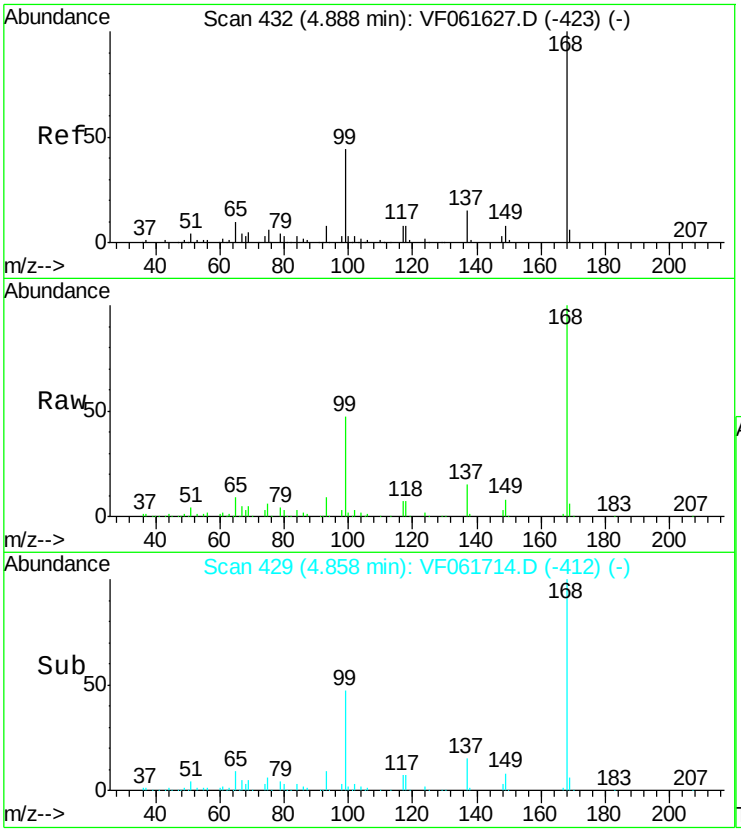
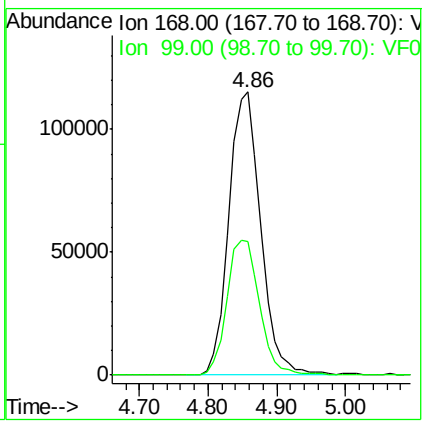




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

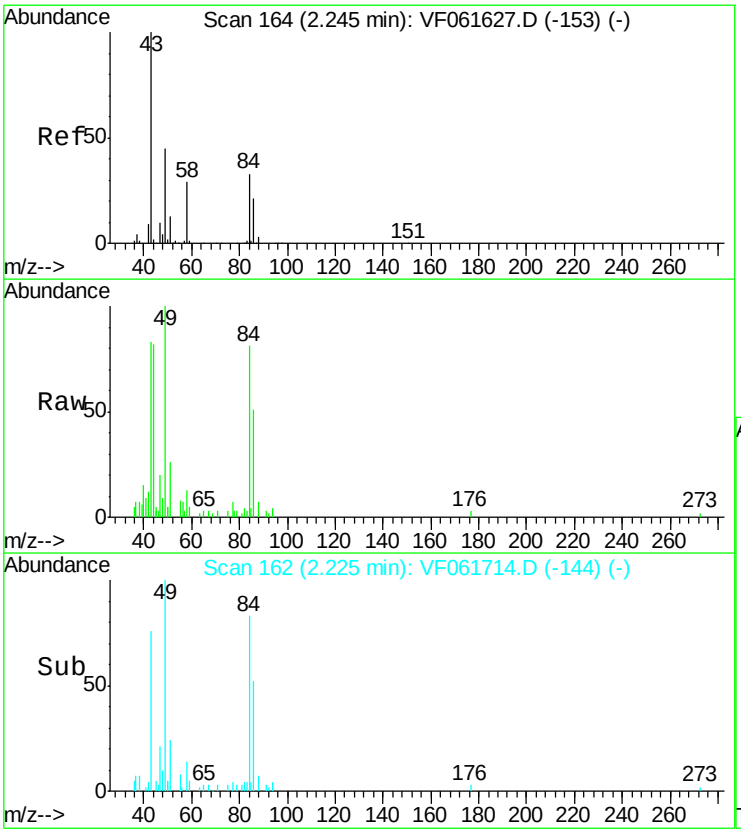
Tgt Ion:168 Resp: 369362

Ion	Ratio	Lower	Upper
168	100		
99	47.4	34.9	52.3



Instrument :
MSVOA_F
ClientSampleId :
M-1RE

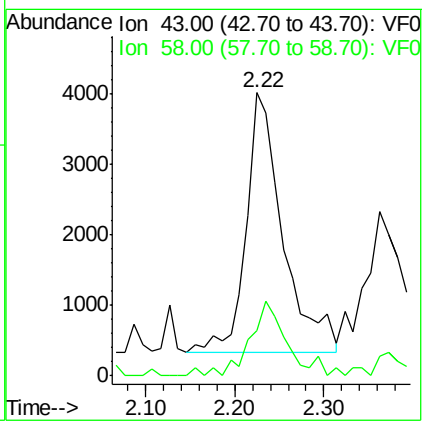
Manual Integrations APPROVED
MMDadoda
2/27/2019 5:41:16 PM

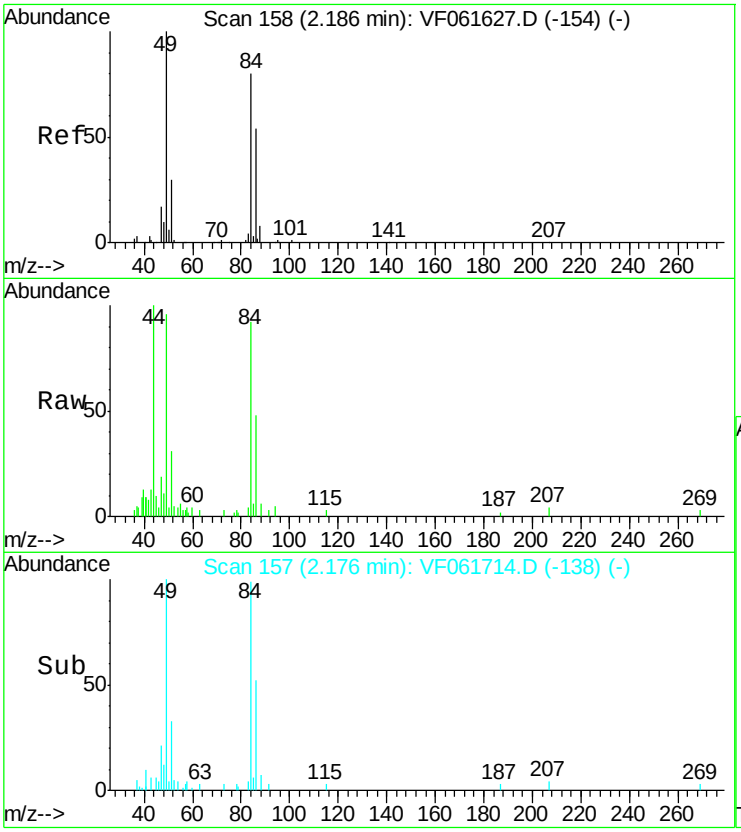


#16
Acetone
Concen: 18.066 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion: 43 Resp: 10499

Ion	Ratio	Lower	Upper
43	100		
58	16.1	22.9	34.3#

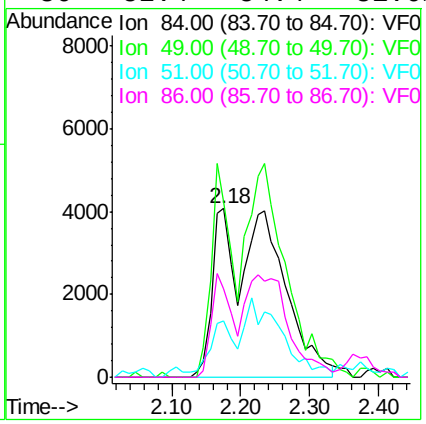




#20
Methylene Chloride
Concen: 5.782 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion: 84 Resp: 24946

Ion	Ratio	Lower	Upper
84	100		
49	103.9	101.8	152.8
51	33.1	31.1	46.7
86	52.4	54.4	81.6#



Instrument :
MSVOA_F
ClientSampleId :
M-1RE

Manual Integrations APPROVED
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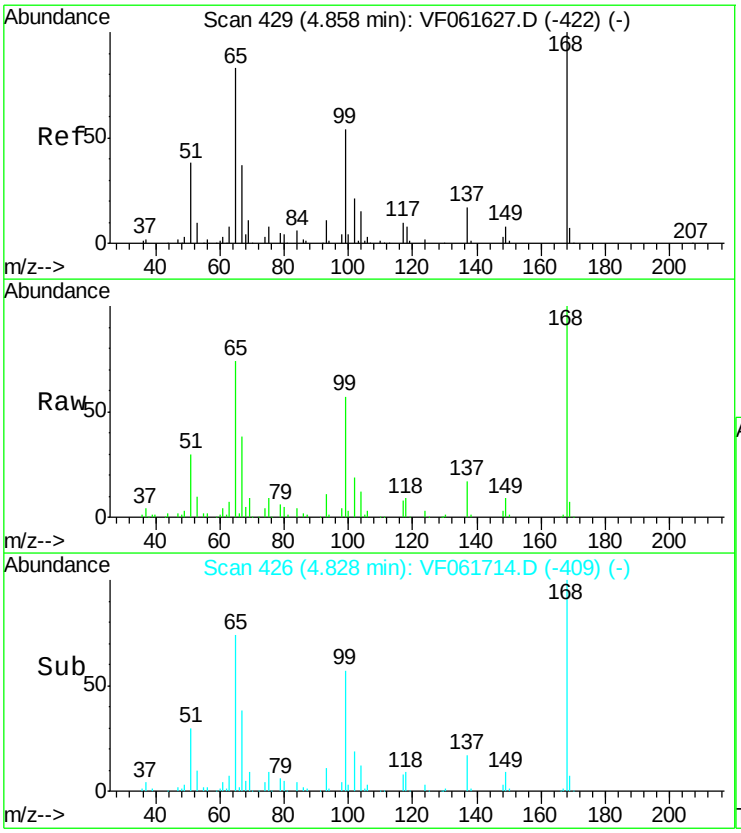
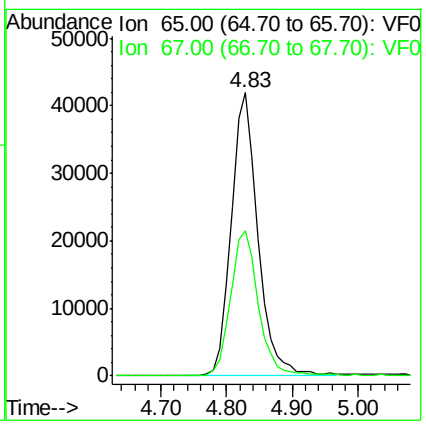
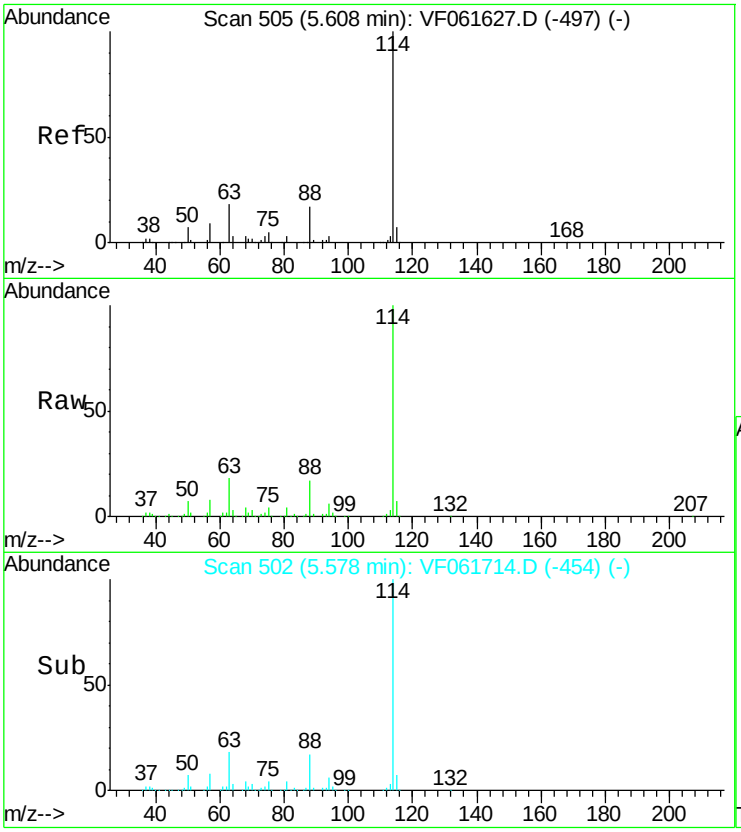


#33
1,2-Dichloroethane-d4
Concen: 44.170 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion: 65 Resp: 119637

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0

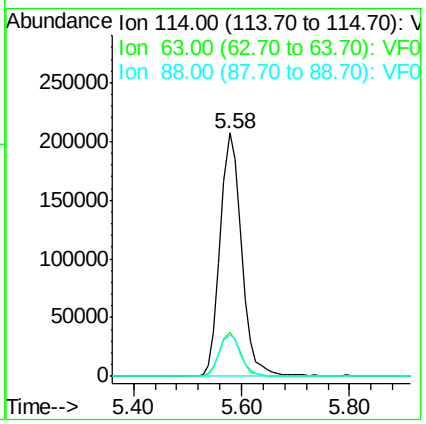




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

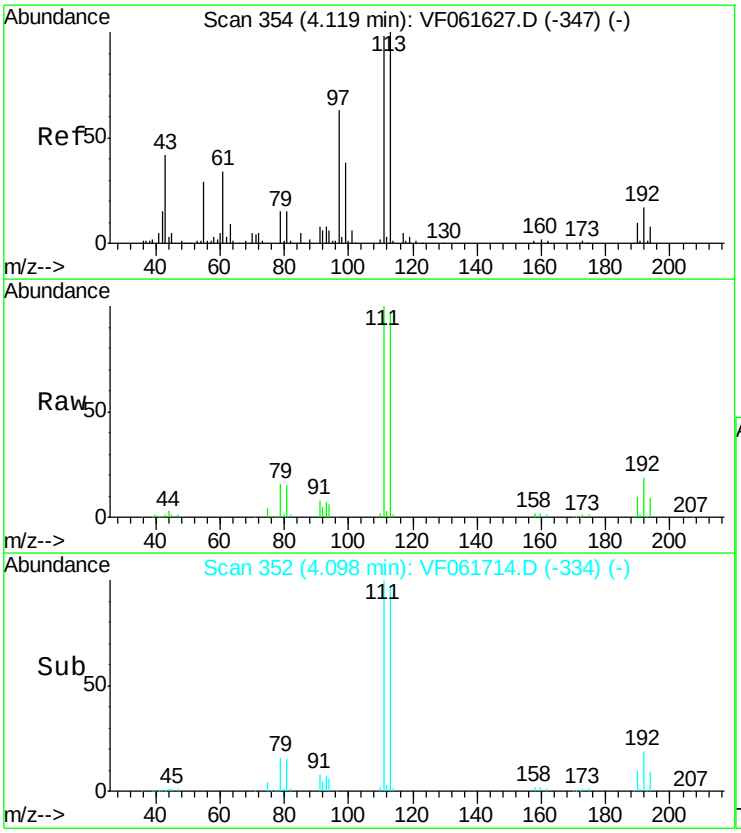
Tgt Ion:114 Resp: 573479

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.6
88	17.2	0.0	34.4



Instrument :
MSVOA_F
ClientSampleId :
M-1RE

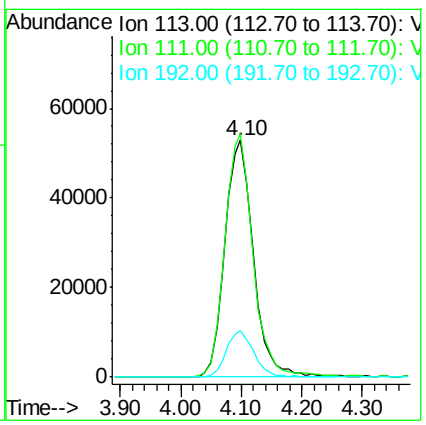
Manual Integrations APPROVED
MMDadoda
2/27/2019 5:41:16 PM

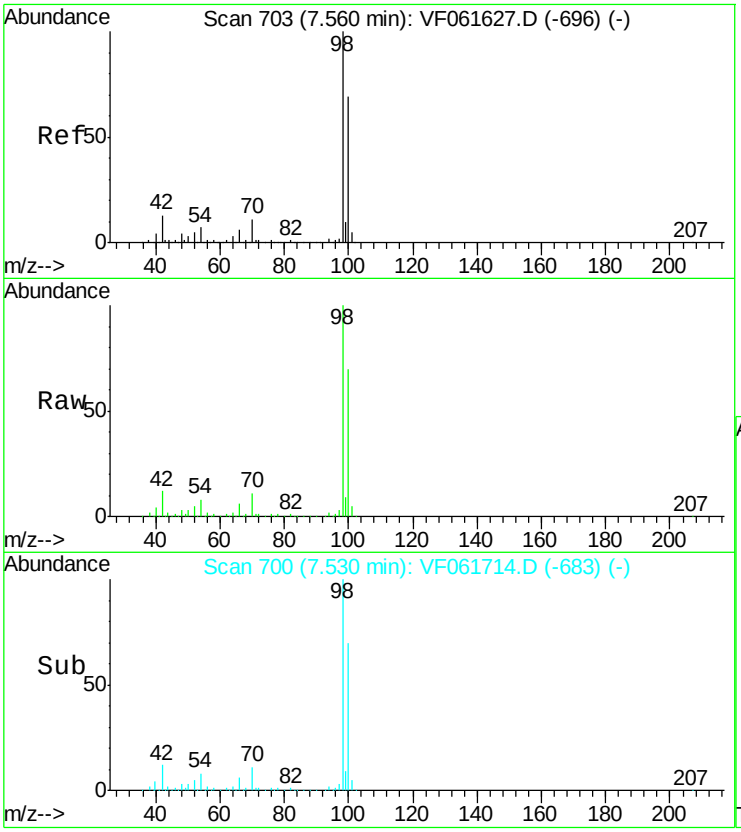


#35
Dibromofluoromethane
Concen: 40.669 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion:113 Resp: 173197

Ion	Ratio	Lower	Upper
113	100		
111	102.8	78.8	118.2
192	19.5	13.4	20.0

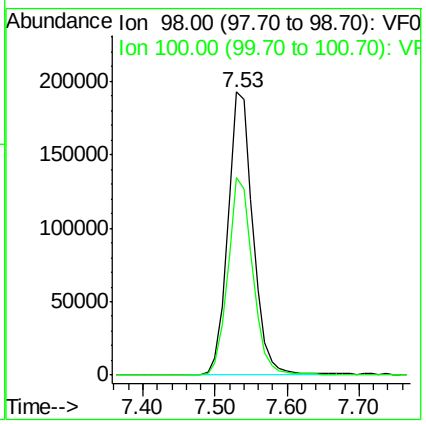




#50
Toluene-d8
Concen: 38.187 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion: 98 Resp: 467510

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.4	83.2



Instrument :
MSVOA_F
ClientSampleId :
M-1RE

Manual Integrations APPROVED
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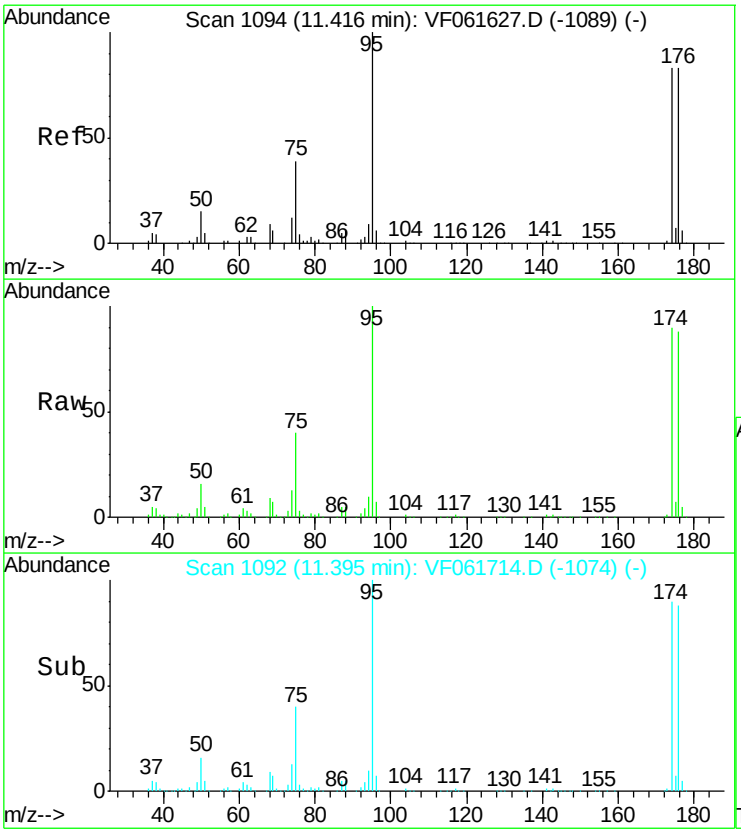
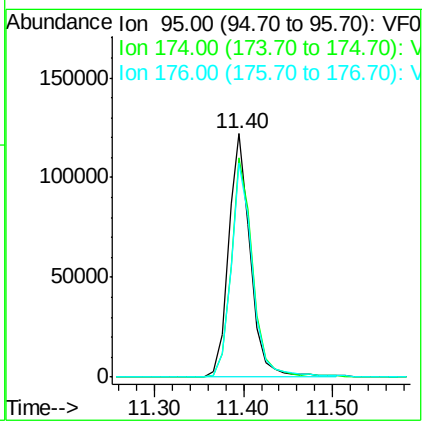
2/27/2019 5:41:16 PM

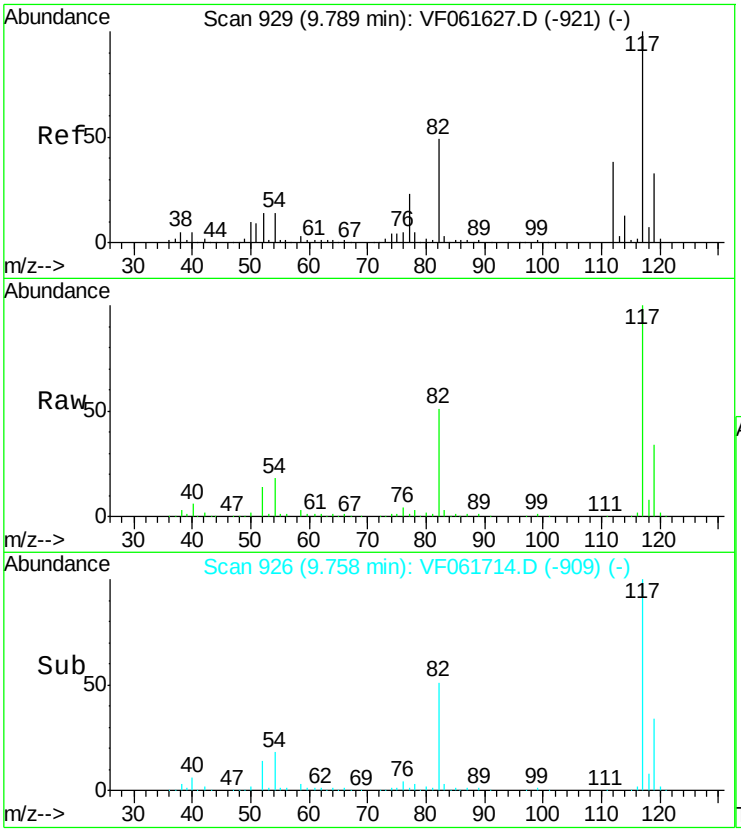


#62
4-Bromofluorobenzene
Concen: 42.377 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion: 95 Resp: 209919

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	165.8
176	88.1	0.0	167.0

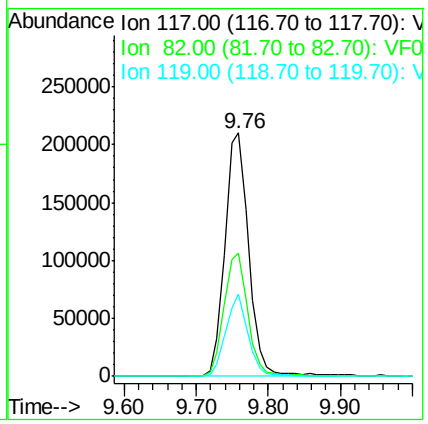




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion:117 Resp: 483459

Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.3	58.9
119	34.1	26.6	40.0



Instrument :
MSVOA_F
ClientSampleId :
M-1RE

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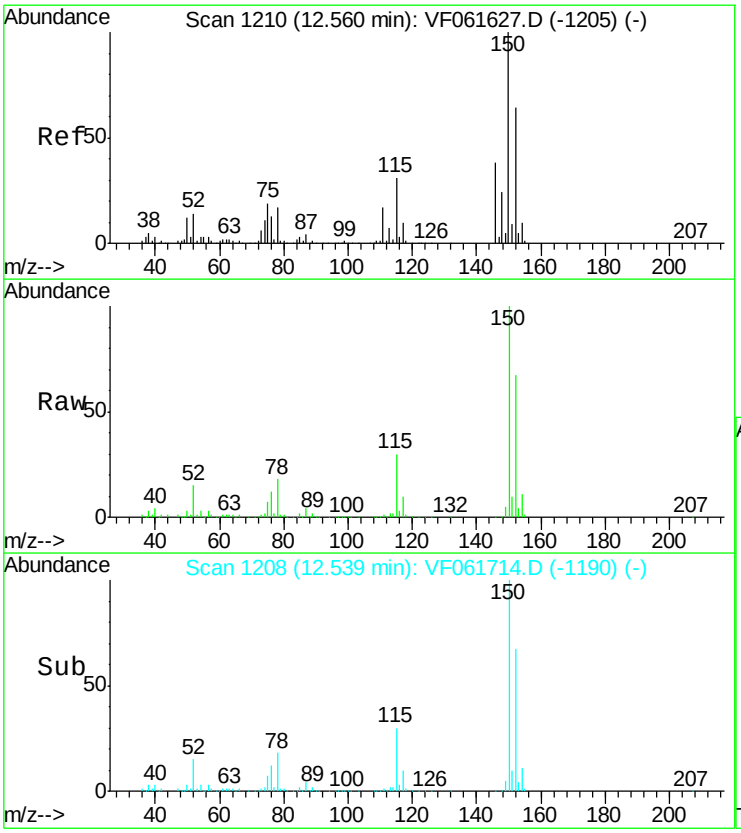

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061714.D
Acq: 22 Feb 2019 17:57

Tgt Ion:152 Resp: 277880

Ion	Ratio	Lower	Upper
152	100		
115	44.5	24.3	72.8
150	149.4	0.0	312.0