Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021819\
Data File : VF061675.D
Acq On : 18 Feb 2019 13:37
Operator : VA/AP
Sample : K1518-03
Misc : 5.11g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Manual Integrations APPROVED
MMDadoda
2/19/2019 12:29:31 PM

Quant Time: Feb 19 02:46:45 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	4.88	168	375381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	564939	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	442014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	205866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	125708	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.34%			
35) Dibromofluoromethane	4.12	113	172272	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.12%			
50) Toluene-d8	7.56	98	454532	37.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.38%			
62) 4-Bromofluorobenzene	11.42	95	171778	35.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.40%			
Target Compounds						Qvalue
16) Acetone	2.25	43	16956	28.709	ug/l	99
20) Methylene Chloride	2.27	84	26593m	6.194	ug/l	

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

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Manual Integrations APPROVED
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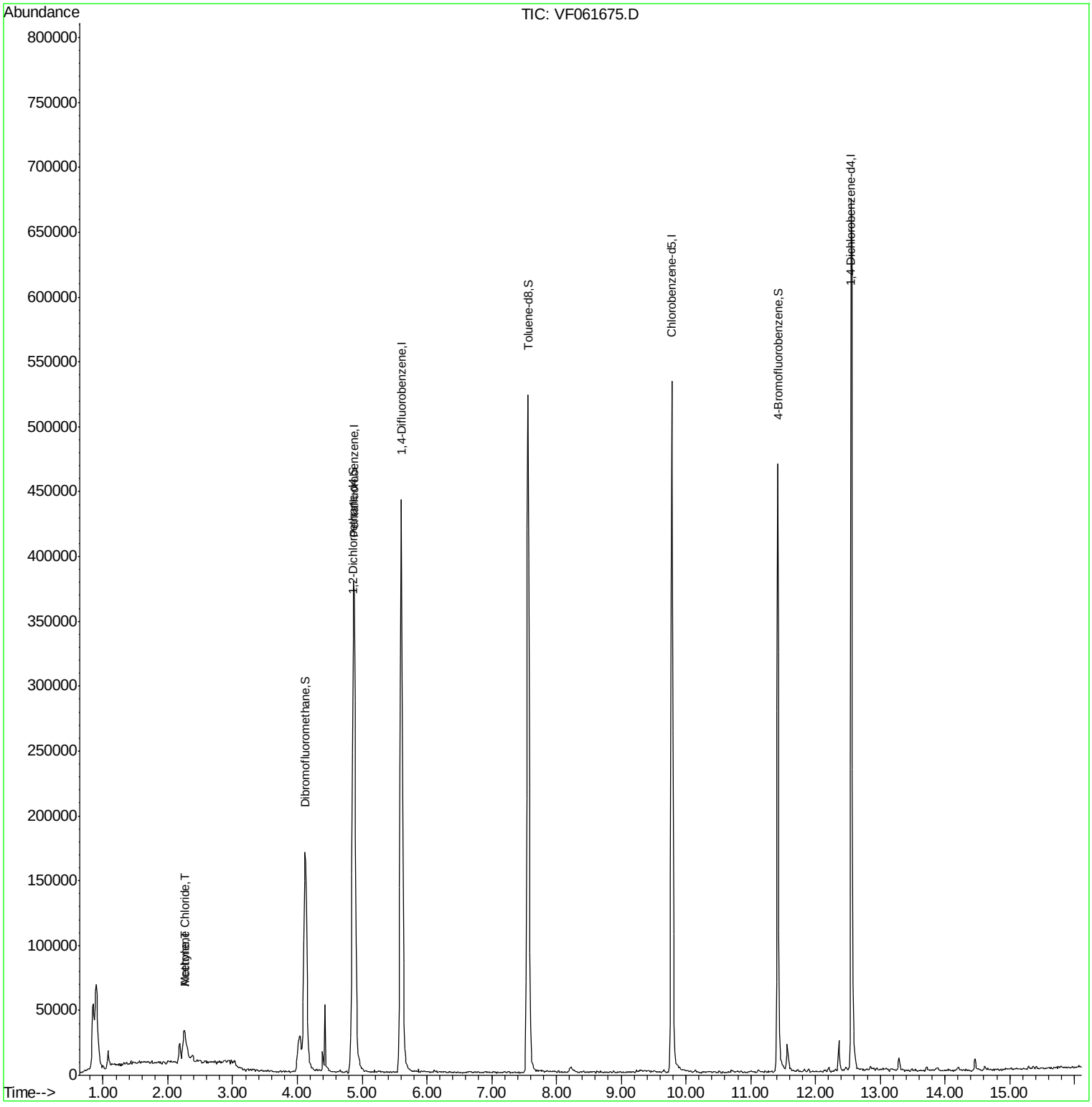

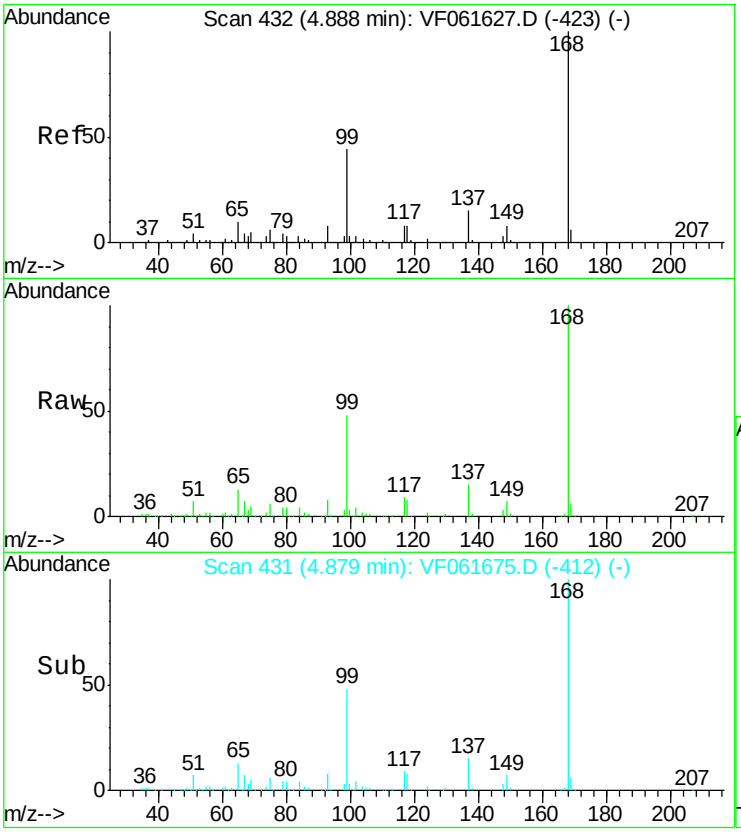

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion:168 Resp: 375381

Ion	Ratio	Lower	Upper
168	100		
99	47.7	34.9	52.3

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Manual Integrations APPROVED
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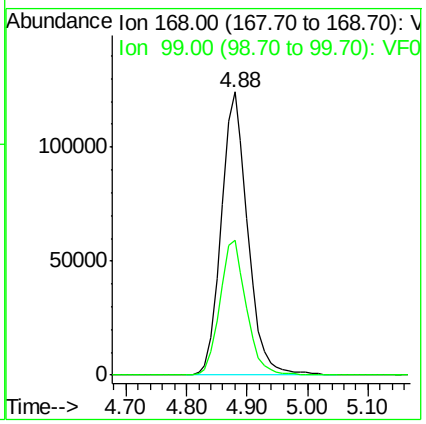
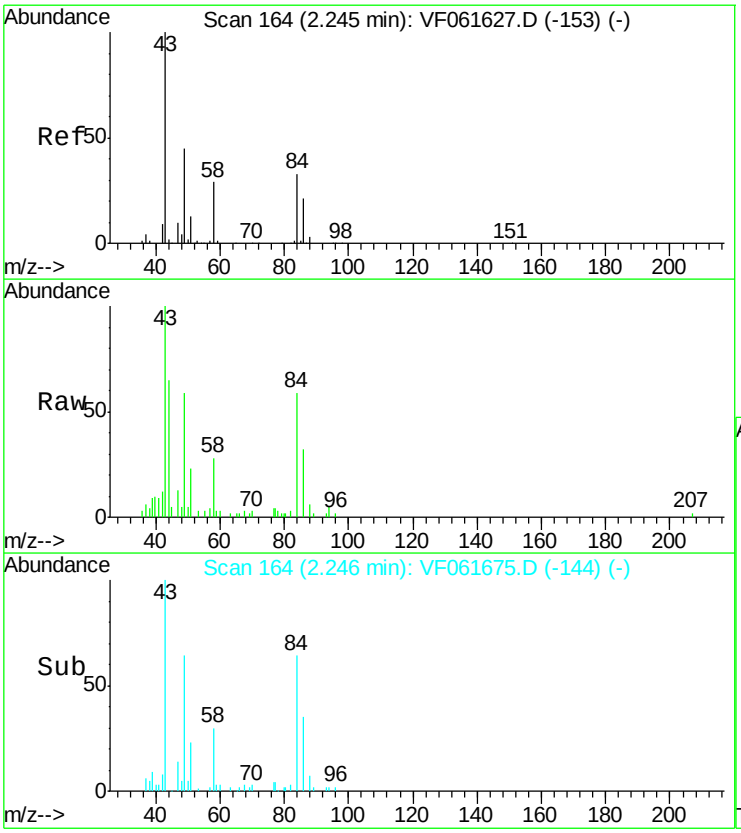
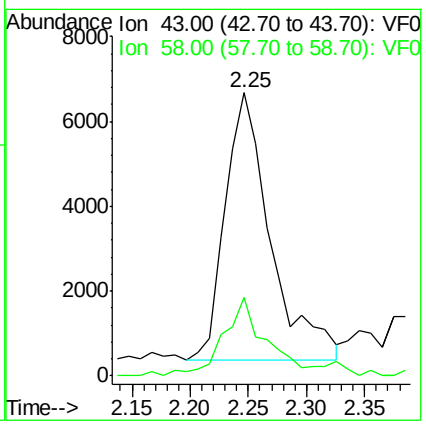


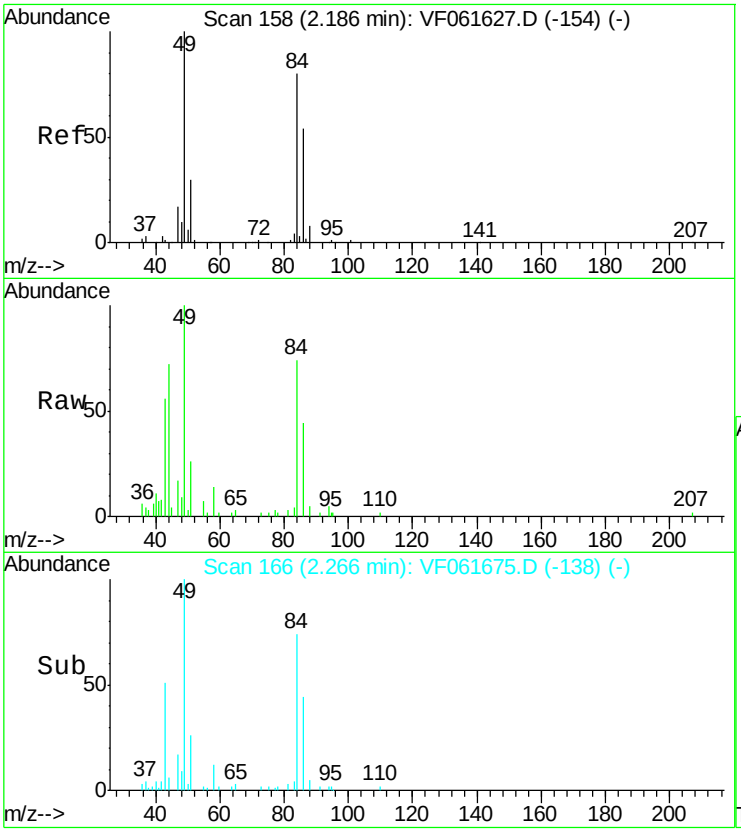


#16
Acetone
Concen: 28.709 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.00 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion: 43 Resp: 16956

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.9	34.3

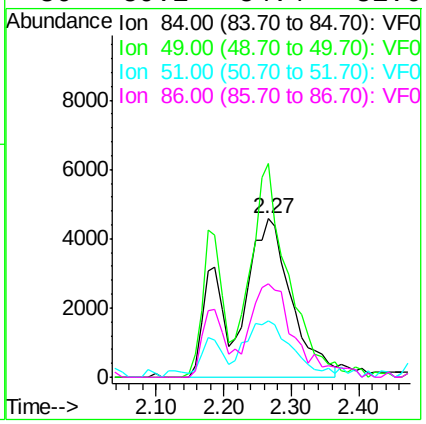




#20
Methylene Chloride
Concen: 6.194 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. 0.08 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion: 84 Resp: 26593

Ion	Ratio	Lower	Upper
84	100		
49	134.8	101.8	152.8
51	35.7	31.1	46.7
86	59.1	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Manual Integrations APPROVED
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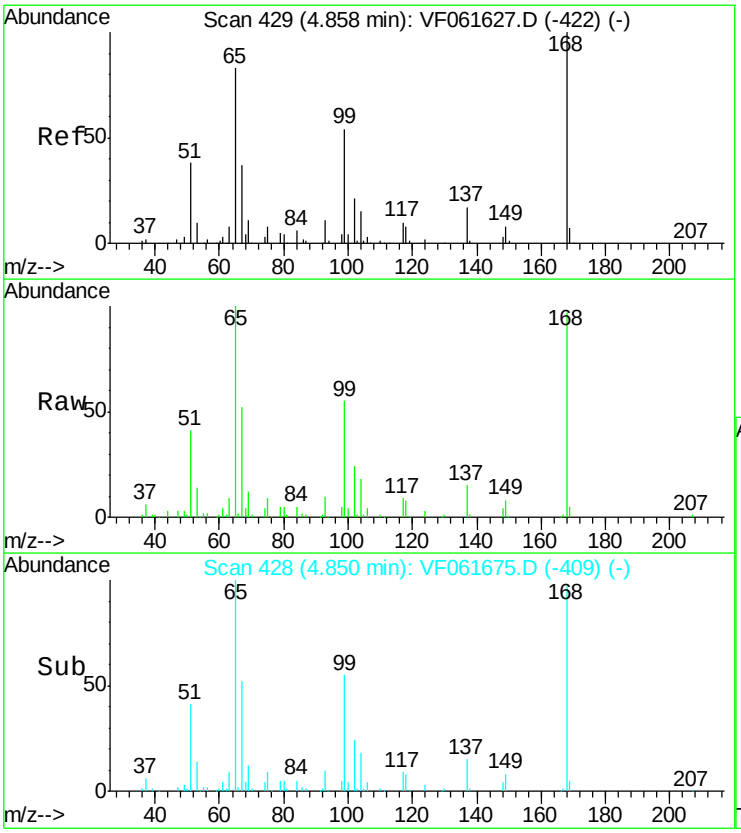
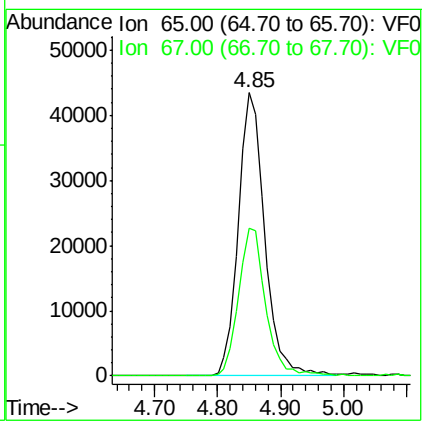
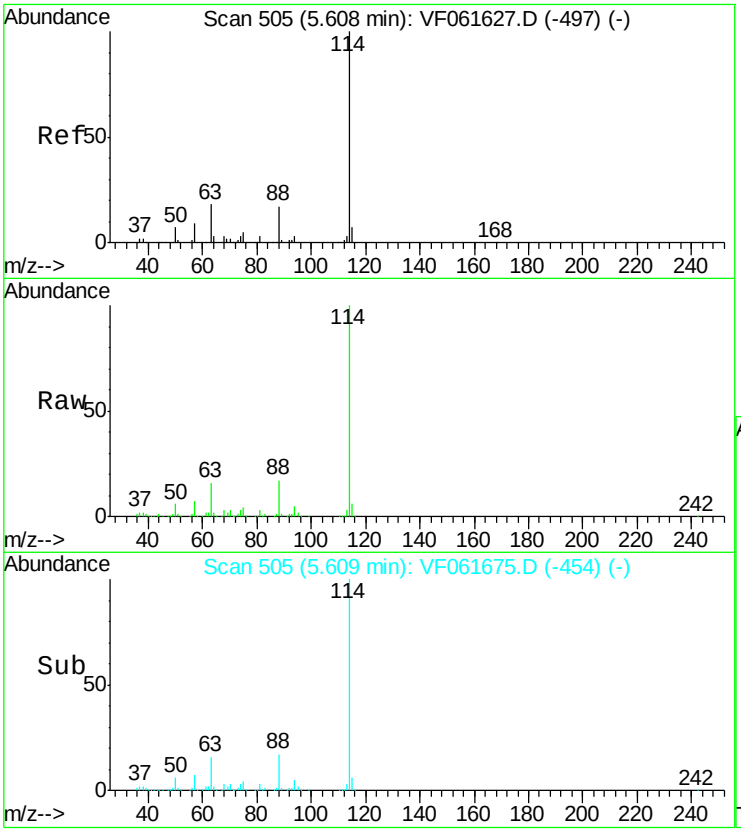


#33
1,2-Dichloroethane-d4
Concen: 45.667 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion: 65 Resp: 125708

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0

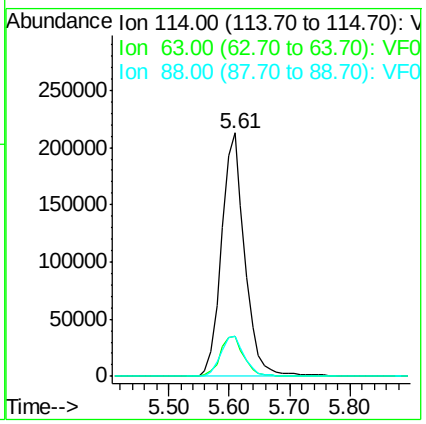




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.00 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion:114 Resp: 564939

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	36.6
88	16.7	0.0	34.4



Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Manual Integrations APPROVED
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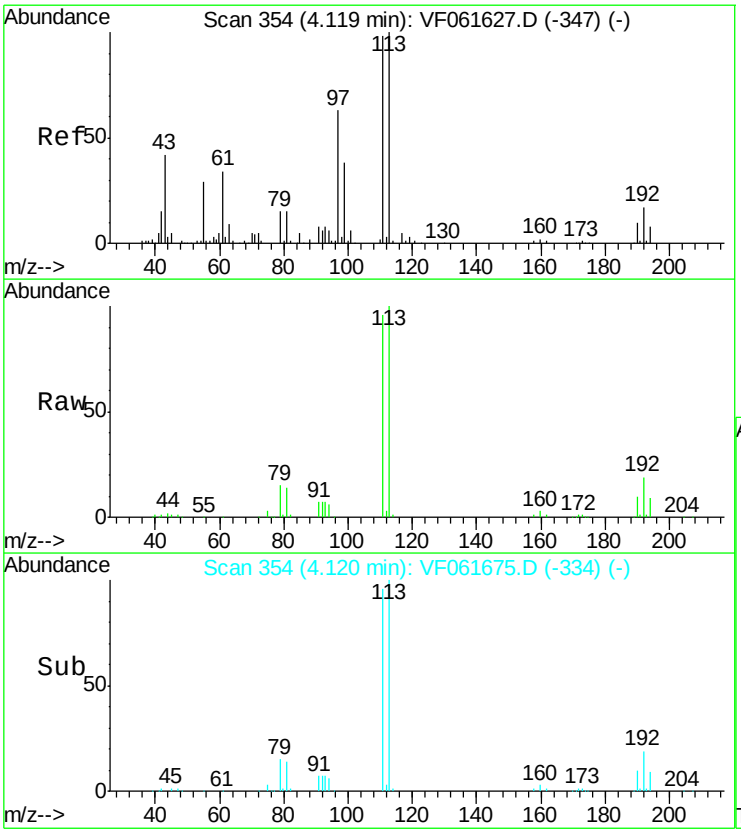
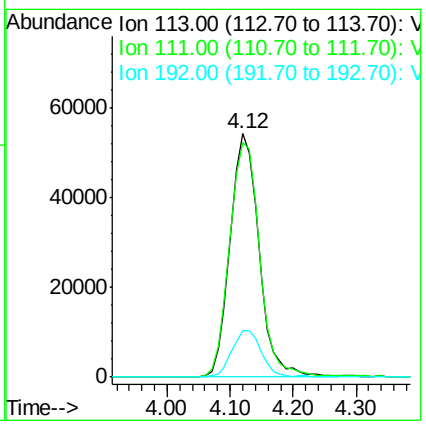
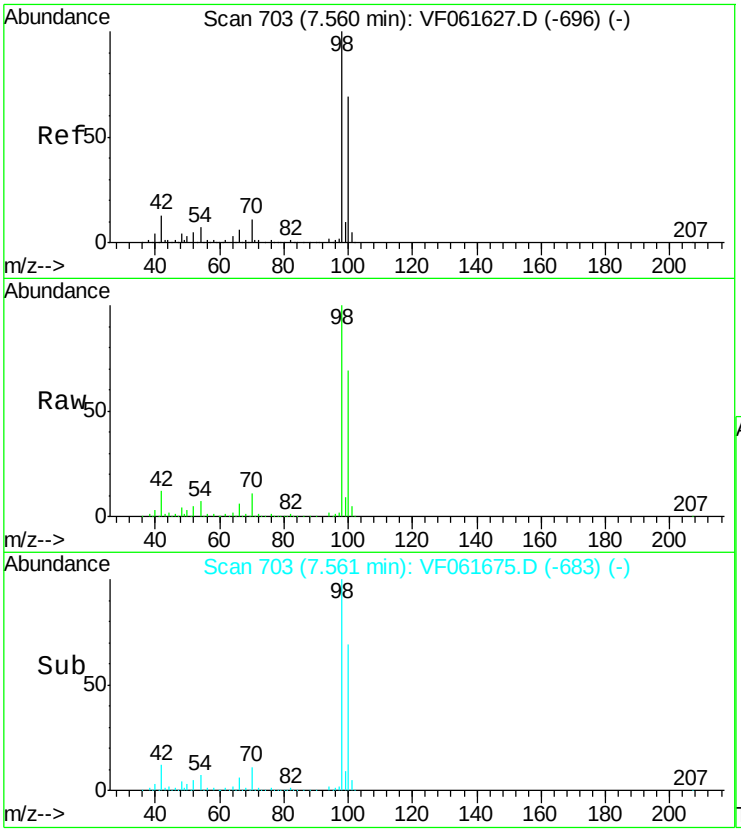


#35
Dibromofluoromethane
Concen: 41.063 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion:113 Resp: 172272

Ion	Ratio	Lower	Upper
113	100		
111	96.4	78.8	118.2
192	19.0	13.4	20.0





#50
Toluene-d8
Concen: 37.689 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion: 98 Resp: 454532

Ion	Ratio	Lower	Upper
98	100		
100	68.9	55.4	83.2

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Manual Integrations APPROVED
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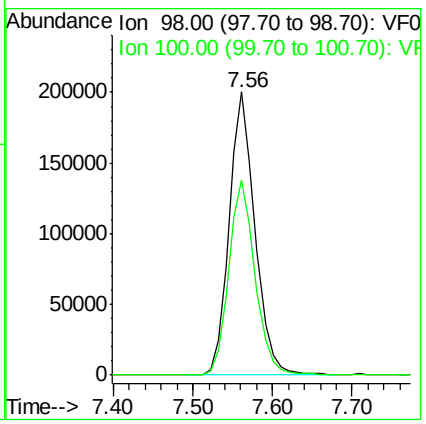
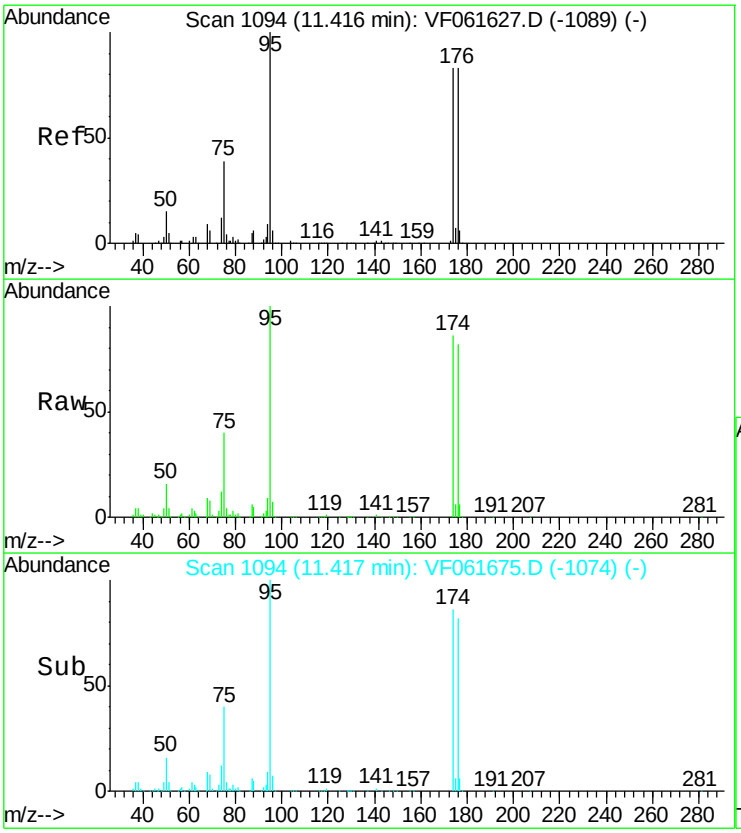
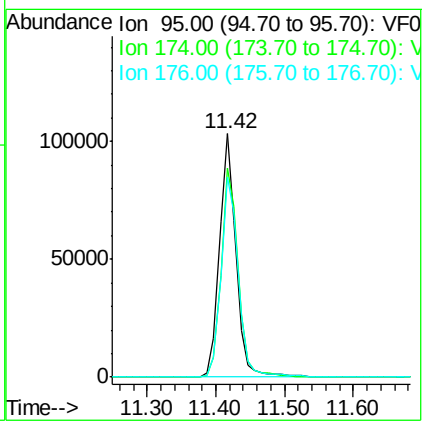


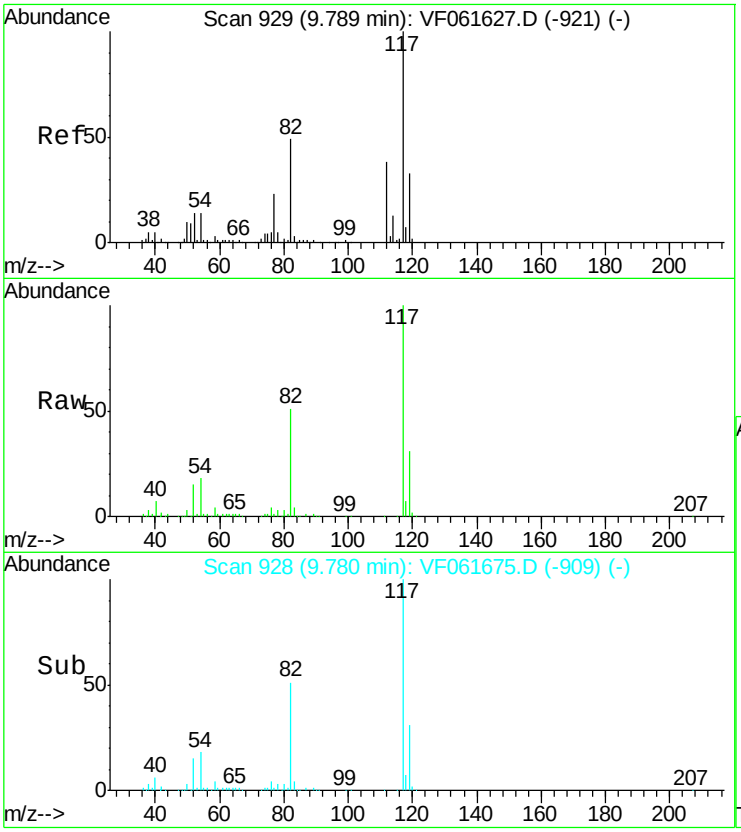


#62
4-Bromofluorobenzene
Concen: 35.202 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion: 95 Resp: 171778

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	165.8
176	82.4	0.0	167.0

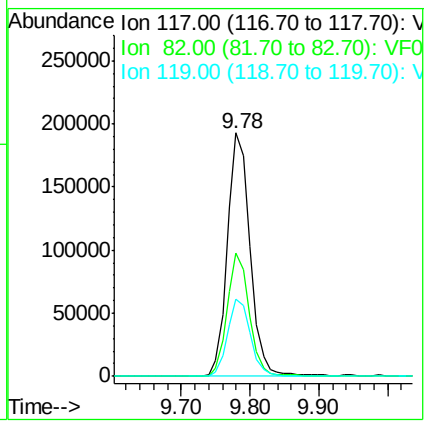




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion:117 Resp: 442014

Ion	Ratio	Lower	Upper
117	100		
82	50.7	39.3	58.9
119	31.5	26.6	40.0



Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

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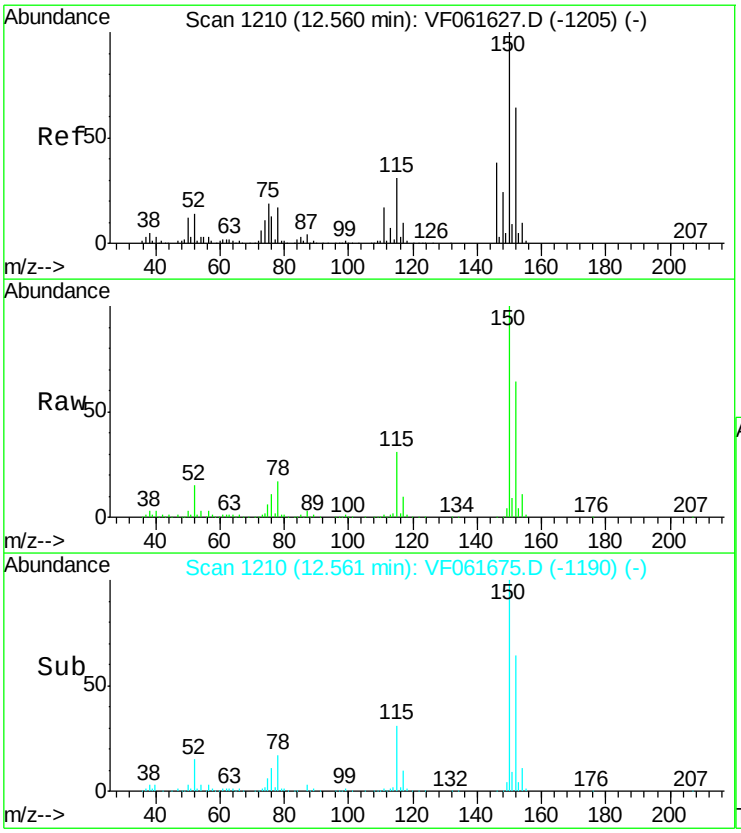

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF061675.D
Acq: 18 Feb 2019 13:37

Tgt Ion:152 Resp: 205866

Ion	Ratio	Lower	Upper
152	100		
115	48.8	24.3	72.8
150	155.4	0.0	312.0