Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011119\
Data File : VF061382.D
Acq On : 11 Jan 2019 21:56
Operator : VA/AP
Sample : K1081-02
Misc : 6.77g/5mL/MSVOA-F/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SUP-3A-G-2-010819

Manual Integrations APPROVED
MMDadoda
1/14/2019 1:17:25 PM

Quant Time: Jan 12 04:47:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	195238	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	348378	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	306421	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	151617	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	107388	49.42	ug/l	-0.03
Spiked Amount 50.000			Recovery = 98.84%			
35) Dibromofluoromethane	4.09	113	133069	49.92	ug/l	-0.02
Spiked Amount 50.000			Recovery = 99.84%			
50) Toluene-d8	7.54	98	329853	41.82	ug/l	-0.03
Spiked Amount 50.000			Recovery = 83.64%			
62) 4-Bromofluorobenzene	11.39	95	159384	46.27	ug/l	-0.02
Spiked Amount 50.000			Recovery = 92.54%			
Target Compounds						Qvalue
16) Acetone	2.23	43	11962	23.663	ug/l #	84
20) Methylene Chloride	2.17	84	28908m	13.517	ug/l	

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

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Manual Integrations APPROVED
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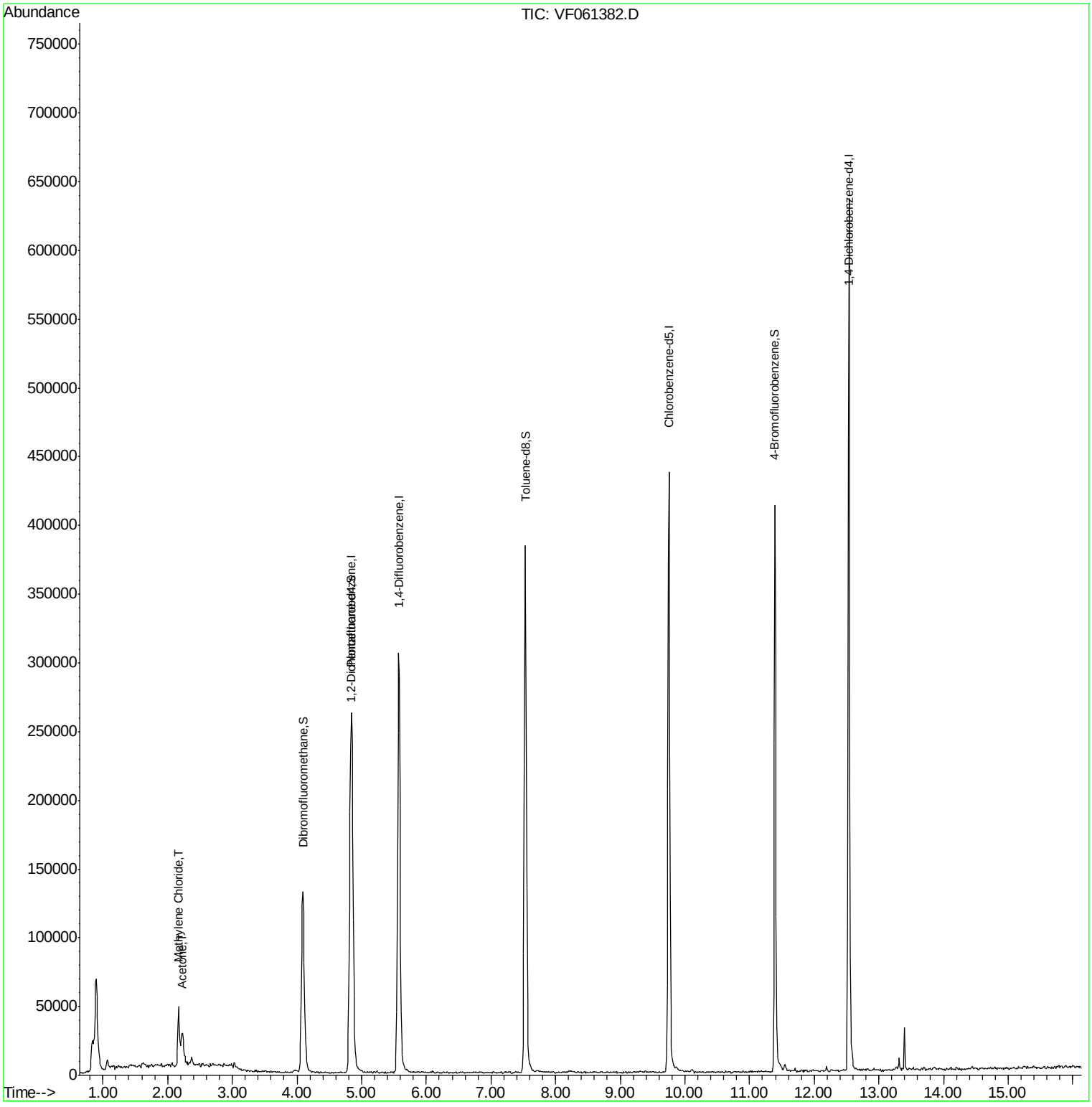

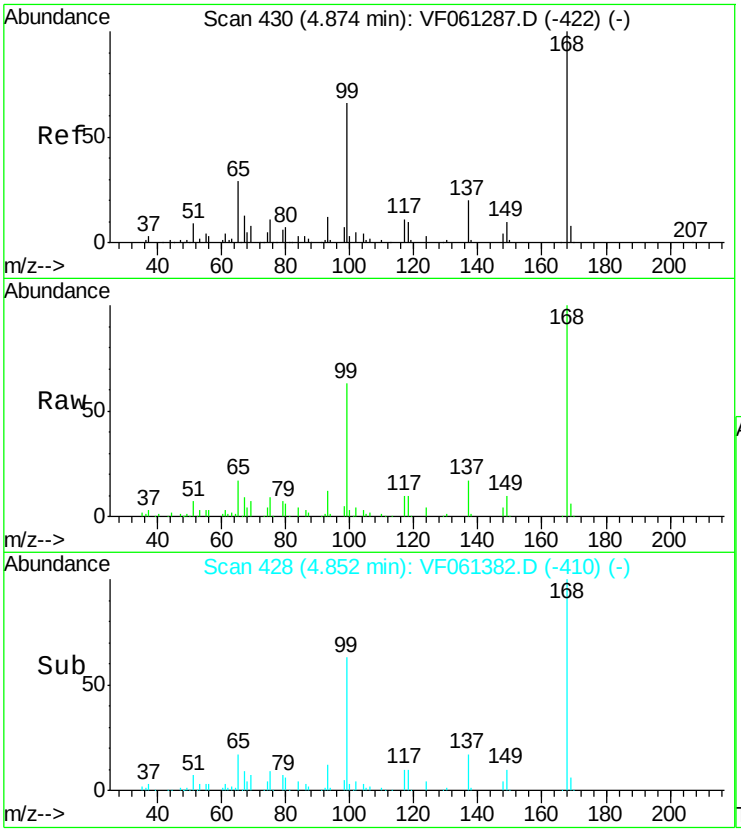

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion:168 Resp: 195238

Ion	Ratio	Lower	Upper
168	100		
99	63.3	52.7	79.1

Instrument :
MSVOA_F
ClientSampleId :
SUP-3A-G-2-010819

Manual Integrations APPROVED
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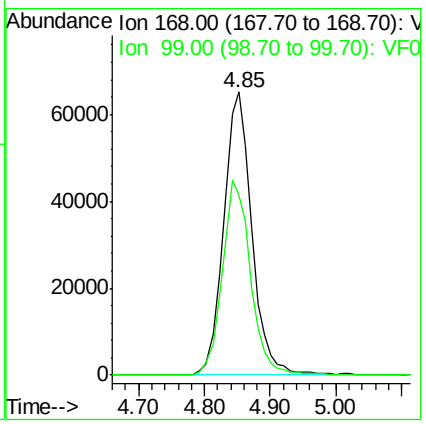
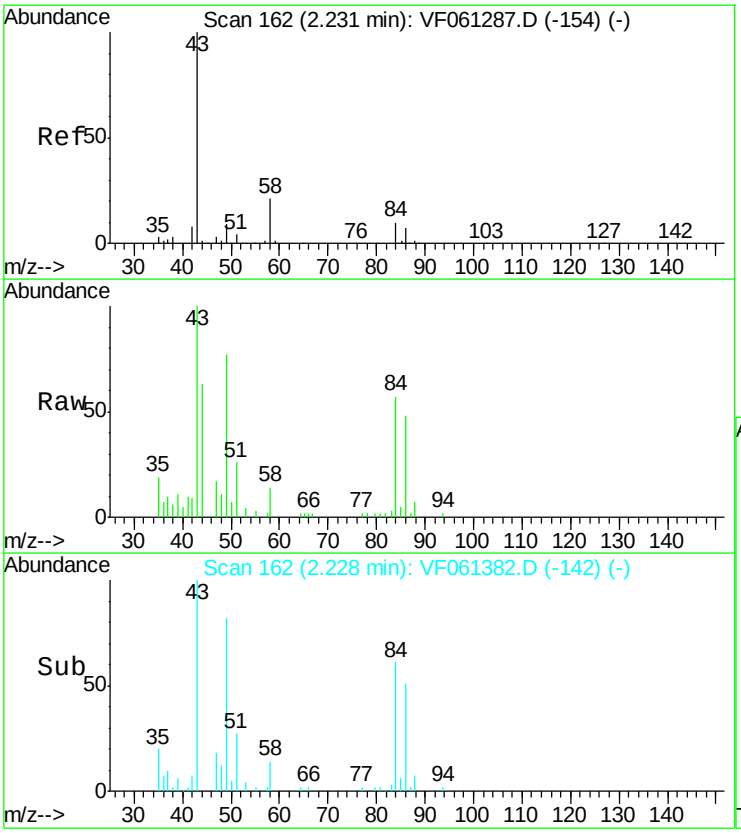
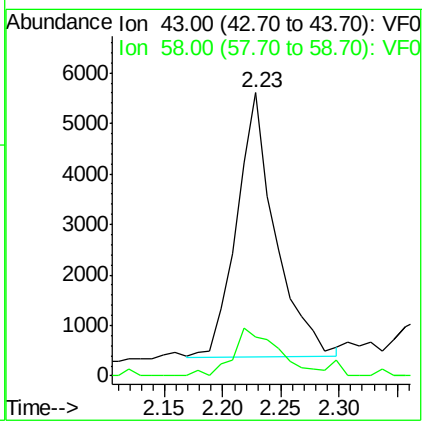


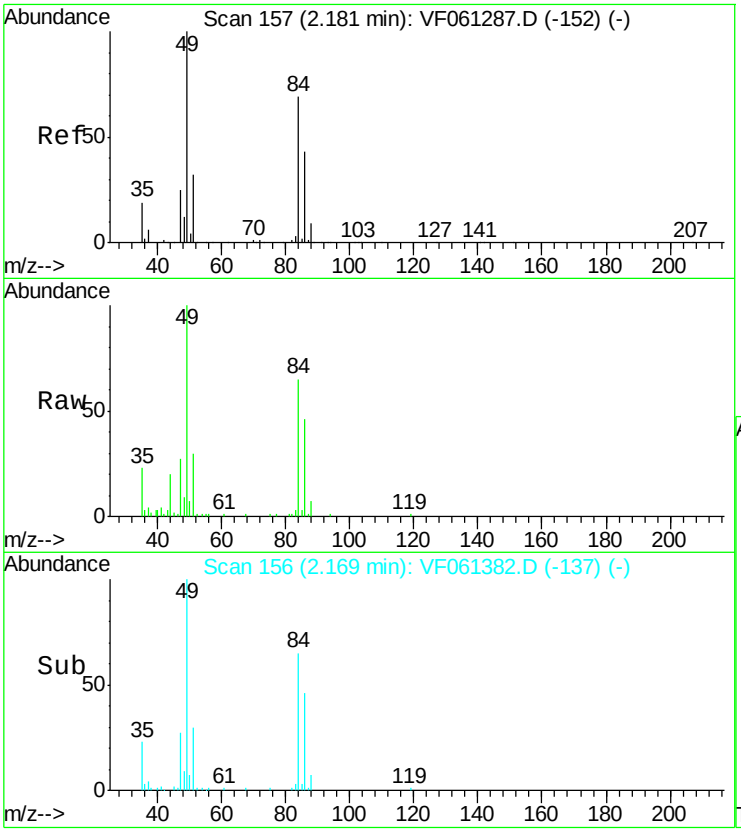


#16
Acetone
Concen: 23.663 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.00 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion: 43 Resp: 11962

Ion	Ratio	Lower	Upper
43	100		
58	13.5	16.6	25.0#

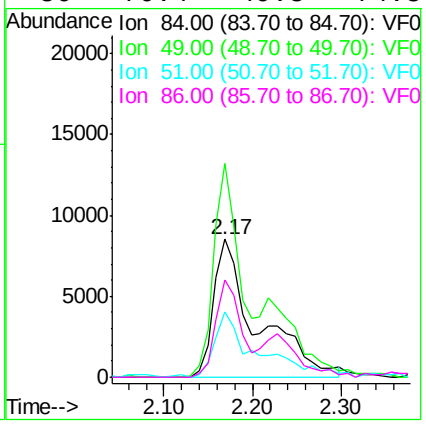




#20
Methylene Chloride
Concen: 13.517 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion: 84 Resp: 28908

Ion	Ratio	Lower	Upper
84	100		
49	154.6	116.6	175.0
51	47.0	37.7	56.5
86	70.4	49.8	74.8



Instrument :
MSVOA_F
ClientSampleId :
SUP-3A-G-2-010819

Manual Integrations APPROVED
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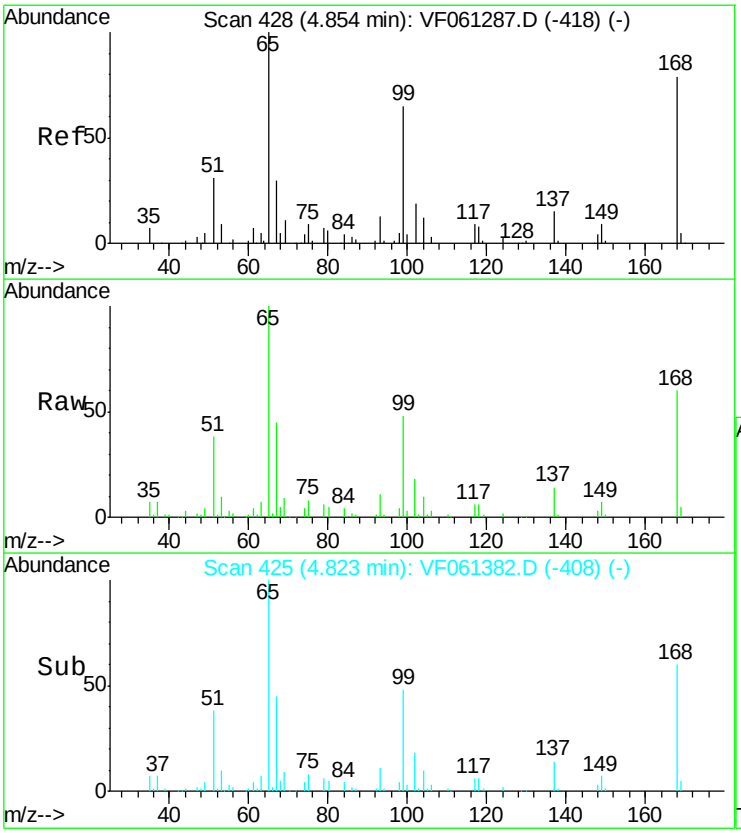
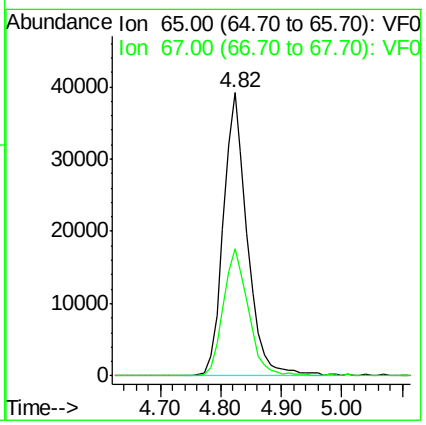
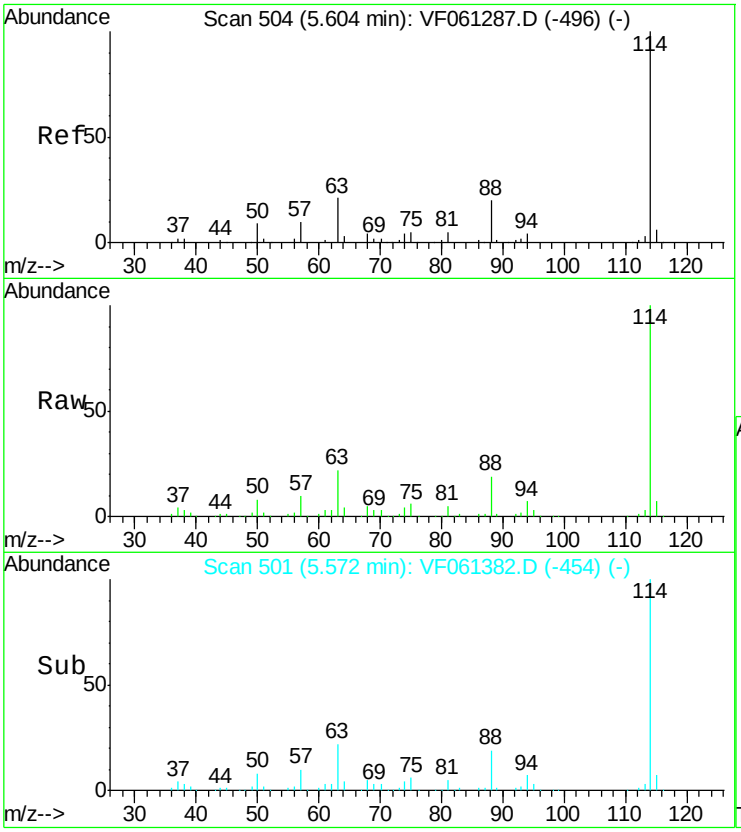


#33
1,2-Dichloroethane-d4
Concen: 49.417 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion: 65 Resp: 107388

Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	98.2

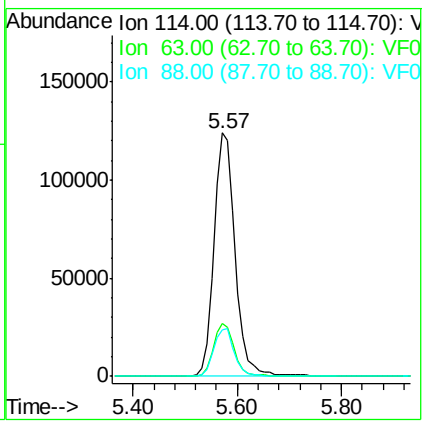




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.03 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion:114 Resp: 348378

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.8
88	19.2	0.0	40.0



Instrument :
MSVOA_F
ClientSampleId :
SUP-3A-G-2-010819

Manual Integrations APPROVED
MMDadoda
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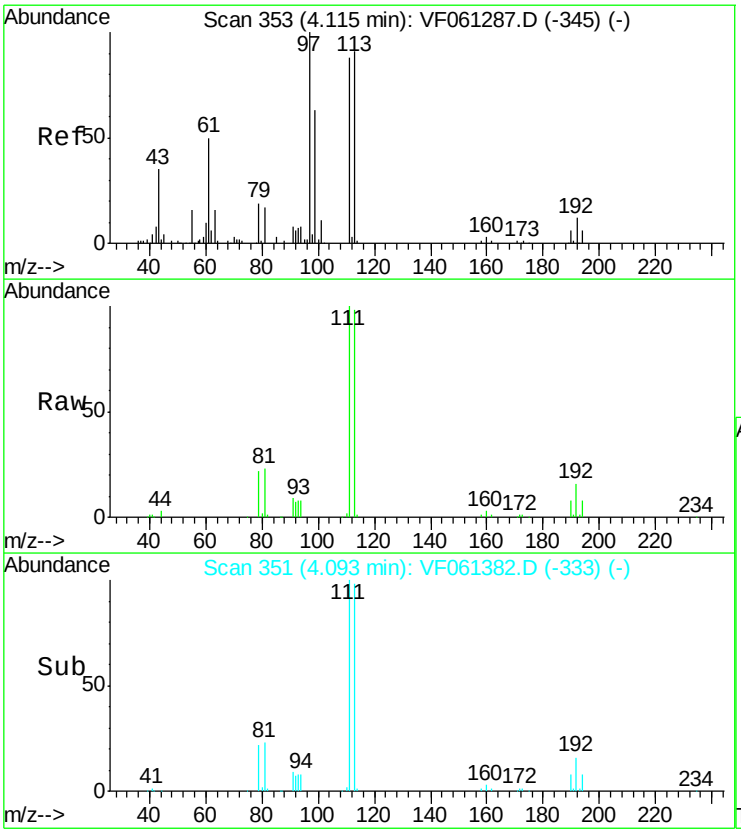
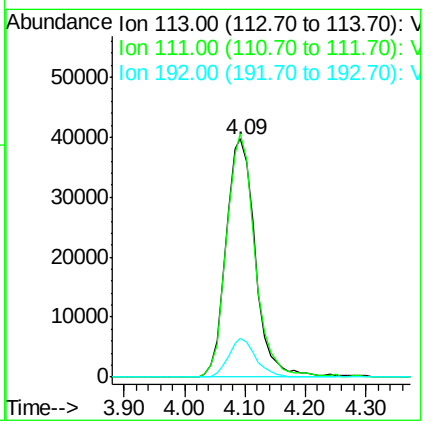
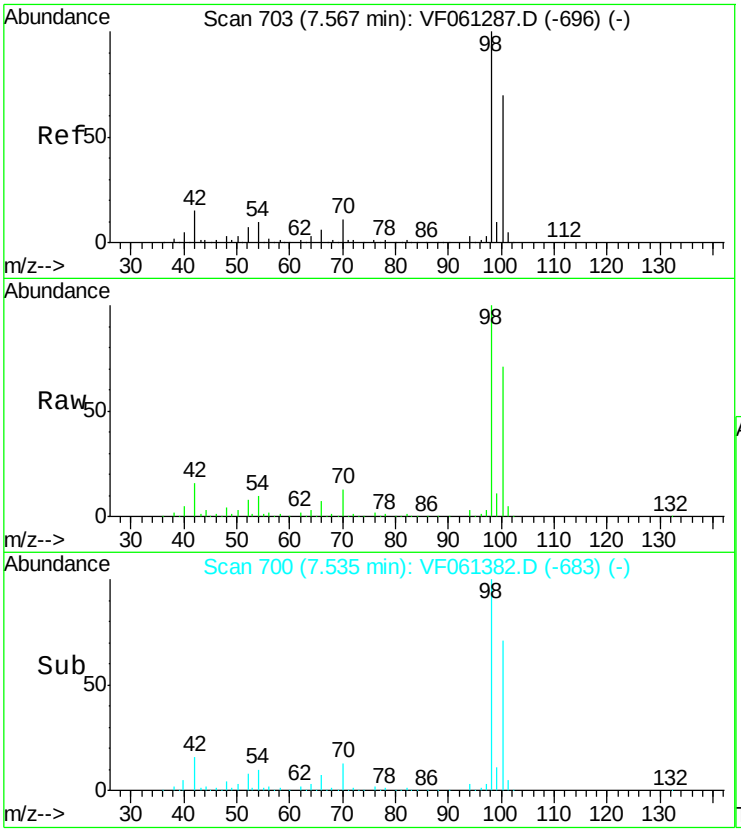


#35
Dibromofluoromethane
Concen: 49.920 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion:113 Resp: 133069

Ion	Ratio	Lower	Upper
113	100		
111	102.1	78.0	117.0
192	16.5	10.6	16.0#

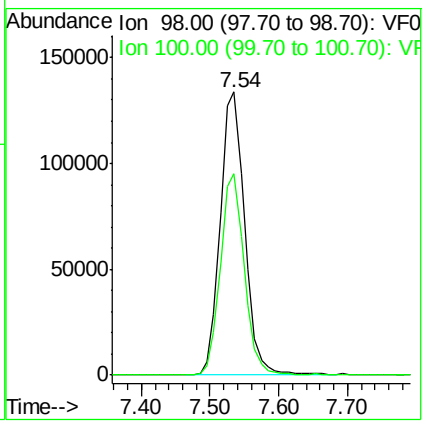




#50
Toluene-d8
Concen: 41.815 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion: 98 Resp: 329853

Ion	Ratio	Lower	Upper
98	100		
100	71.3	55.6	83.4



Instrument :
MSVOA_F
ClientSampleId :
SUP-3A-G-2-010819

Manual Integrations APPROVED
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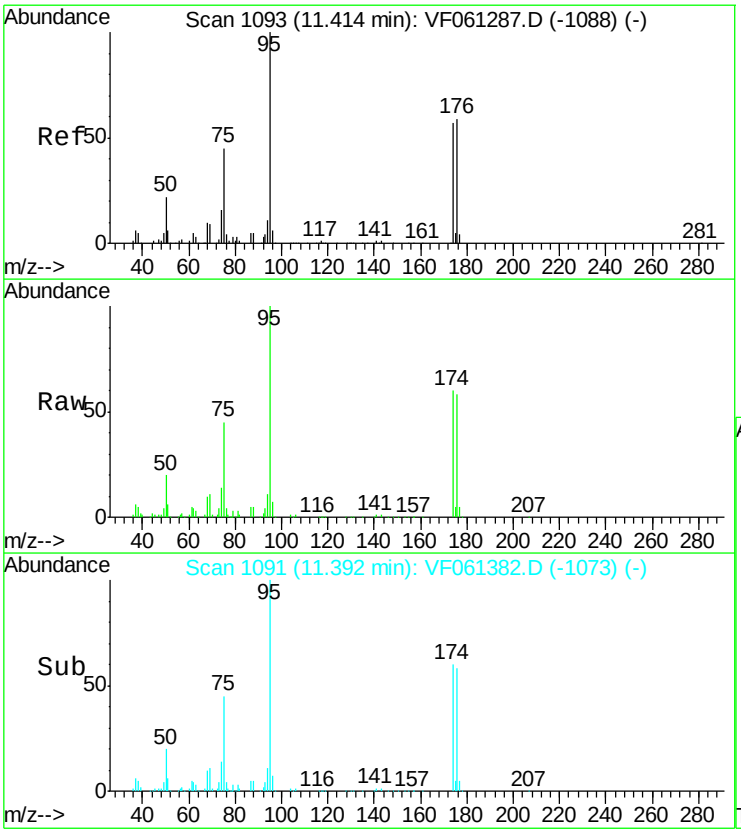
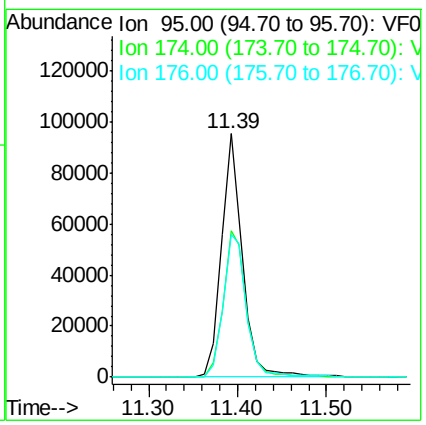
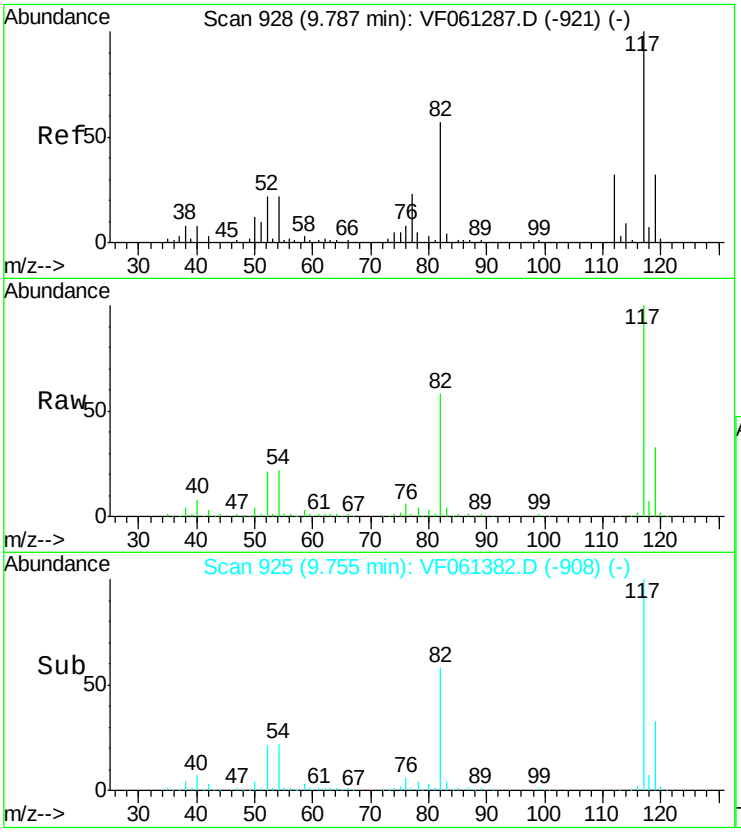


#62
4-Bromofluorobenzene
Concen: 46.272 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion: 95 Resp: 159384

Ion	Ratio	Lower	Upper
95	100		
174	60.0	0.0	114.2
176	58.3	0.0	117.8

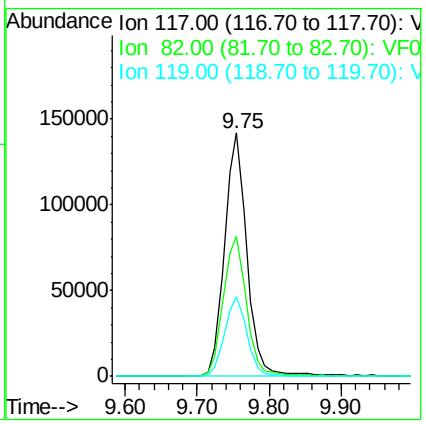




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion:117 Resp: 306421

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.3	67.9
119	32.9	25.4	38.0



Instrument :
MSVOA_F
ClientSampleId :
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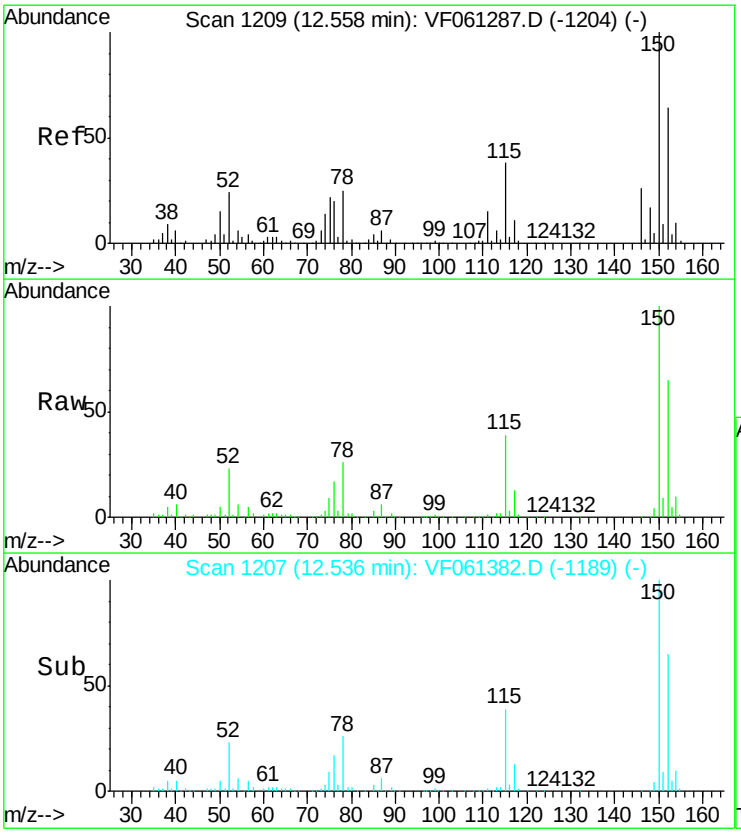

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061382.D
Acq: 11 Jan 2019 21:56

Tgt Ion:152 Resp: 151617

Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.6	88.9
150	153.5	0.0	315.4