Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061135.D
Acq On : 21 Dec 2018 19:37
Operator : VA/AP
Sample : J6377-15RE
Misc : 3.53g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0006-01RE

Manual Integrations APPROVED
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12/26/2018 10:51:33 AM

Quant Time: Dec 22 00:16:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.91	168	155077	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.64	114	259987	50.00	ug/l	0.05
63) Chlorobenzene-d5	9.82	117	176869	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	12.58	152	54389	50.00	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	72789	36.49	ug/l	0.05
Spiked Amount 50.000			Recovery = 72.98%			
35) Dibromofluoromethane	4.16	113	76276	36.62	ug/l	0.05
Spiked Amount 50.000			Recovery = 73.24%			
50) Toluene-d8	7.59	98	166592	28.23	ug/l	0.04
Spiked Amount 50.000			Recovery = 56.46%			
62) 4-Bromofluorobenzene	11.44	95	57340	21.07	ug/l	0.03
Spiked Amount 50.000			Recovery = 42.14%			
Target Compounds						Qvalue
16) Acetone	2.27	43	27561m	69.121	ug/l	
20) Methylene Chloride	2.29	84	8180m	2.118	ug/l	
25) 2-Butanone	4.39	43	18673	28.876	ug/l #	89
40) Benzene	4.67	78	12301	1.823	ug/l	97
52) Toluene	7.66	92	5682	1.272	ug/l	89
68) m/p-Xylenes	10.18	106	3338	1.425	ug/l	99
88) 1,4-Dichlorobenzene	12.59	146	5880	3.174	ug/l	96

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

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MSVOA_F
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Manual Integrations APPROVED
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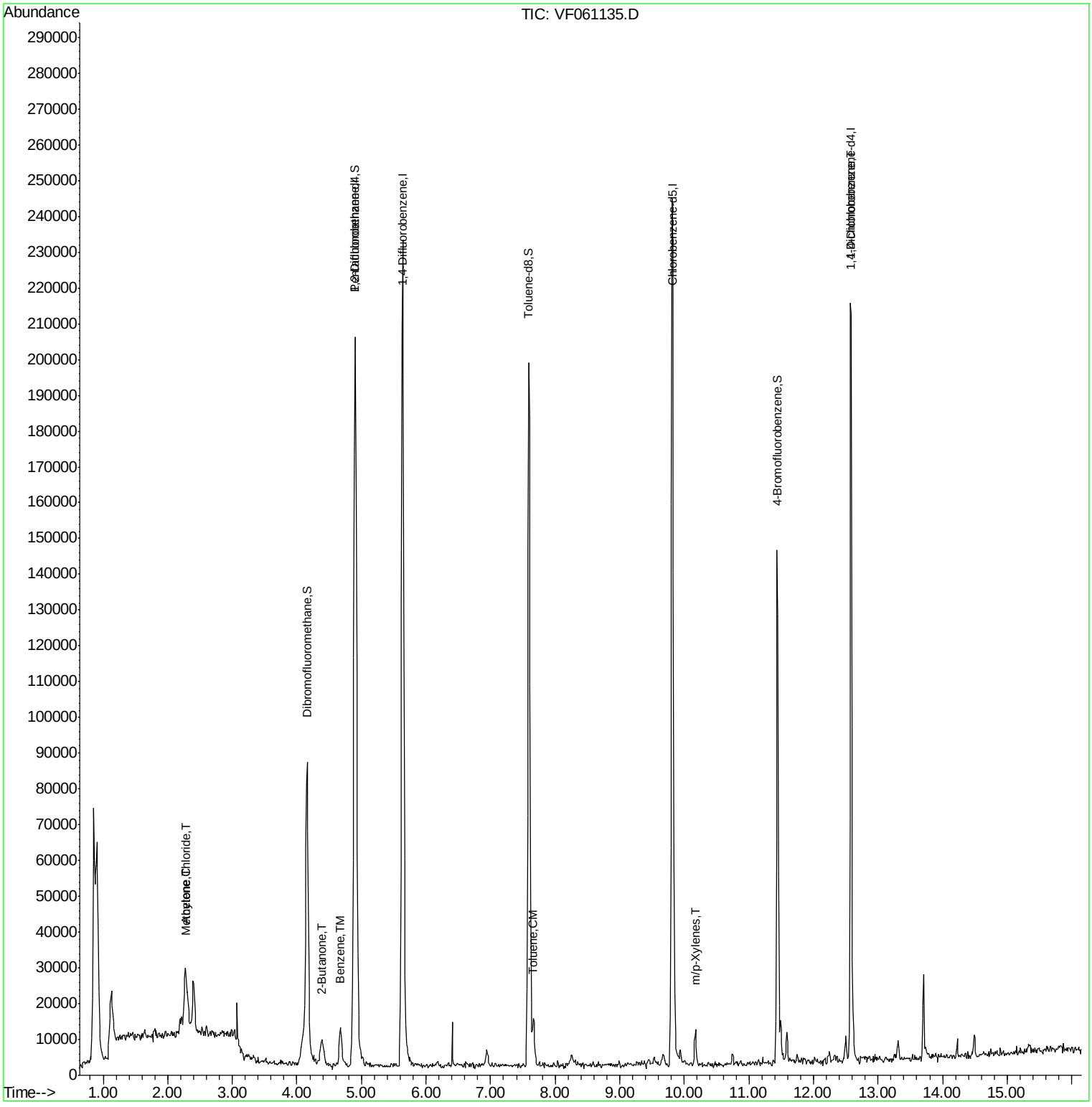

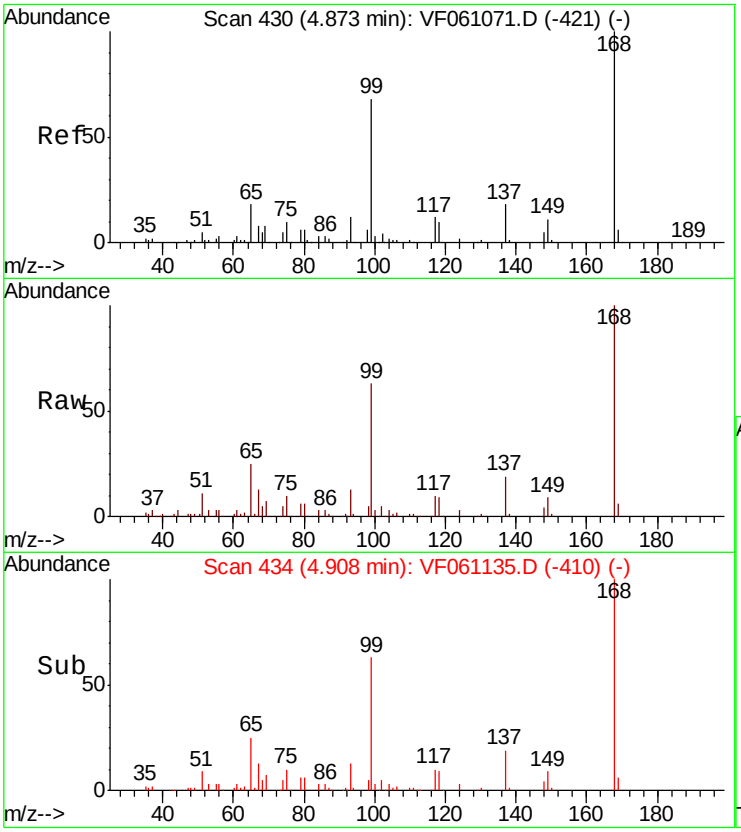

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.91 min Scan# 434
Delta R.T. 0.04 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion:168 Resp: 155077

Ion	Ratio	Lower	Upper
168	100		
99	63.5	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0006-01RE

Manual Integrations APPROVED
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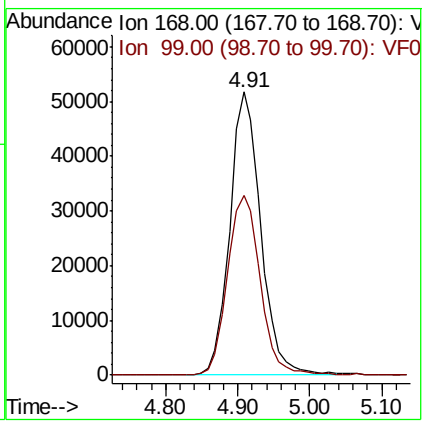
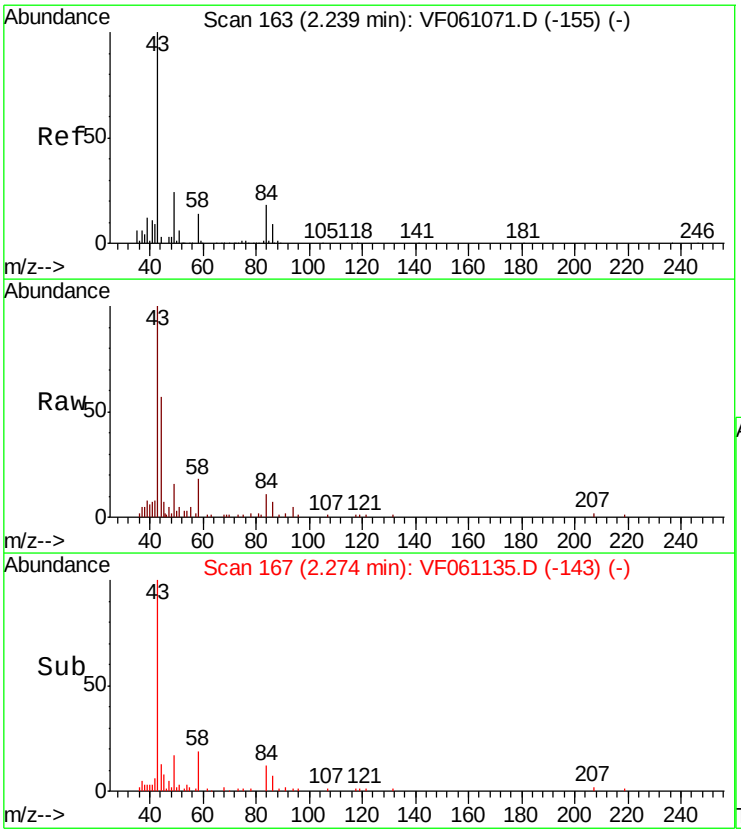
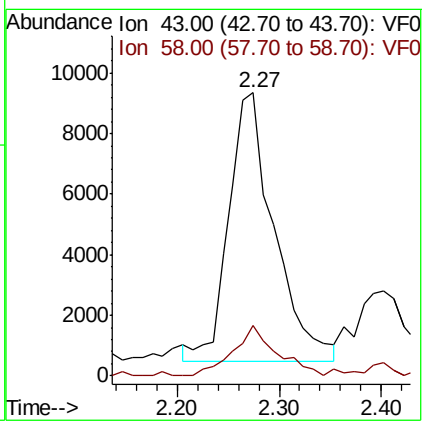


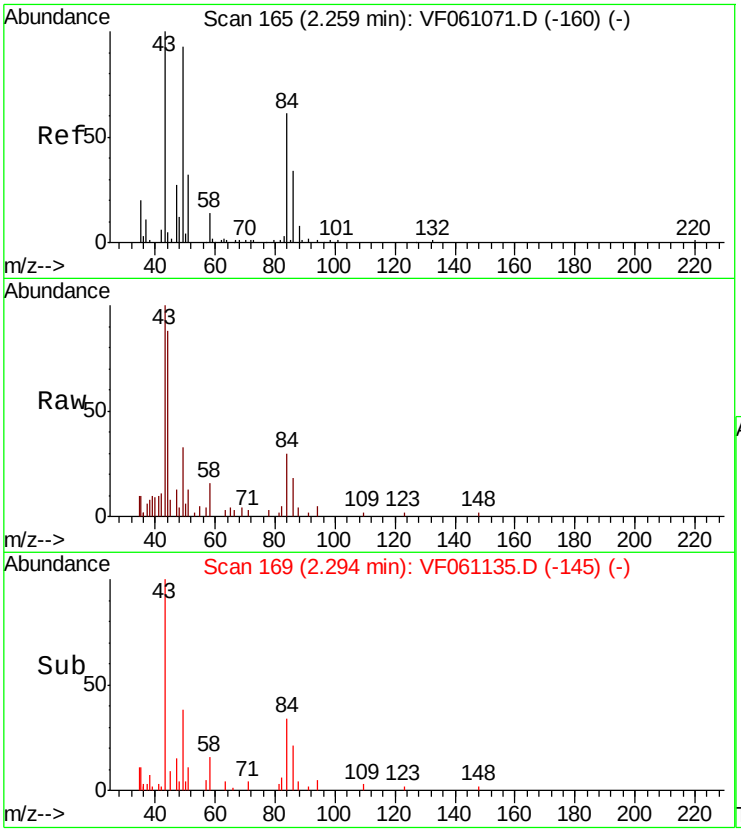


#16
Acetone
Concen: 69.121 ug/l m
RT: 2.27 min Scan# 167
Delta R.T. 0.04 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 43 Resp: 27561

Ion	Ratio	Lower	Upper
43	100		
58	17.7	11.1	16.7#

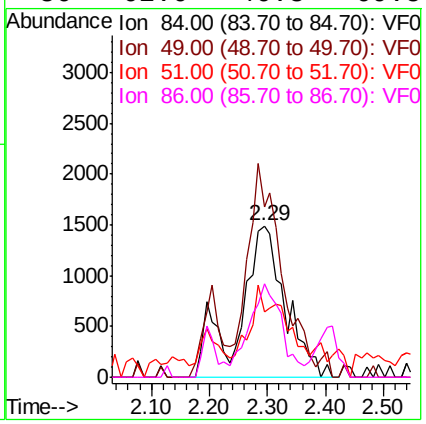




#20
Methylene Chloride
Concen: 2.118 ug/l m
RT: 2.29 min Scan# 169
Delta R.T. 0.04 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 84 Resp: 8180

Ion	Ratio	Lower	Upper
84	100		
49	112.1	129.4	194.2#
51	43.4	44.0	66.0#
86	62.0	46.3	69.5



Instrument :
MSVOA_F
ClientSampleId :
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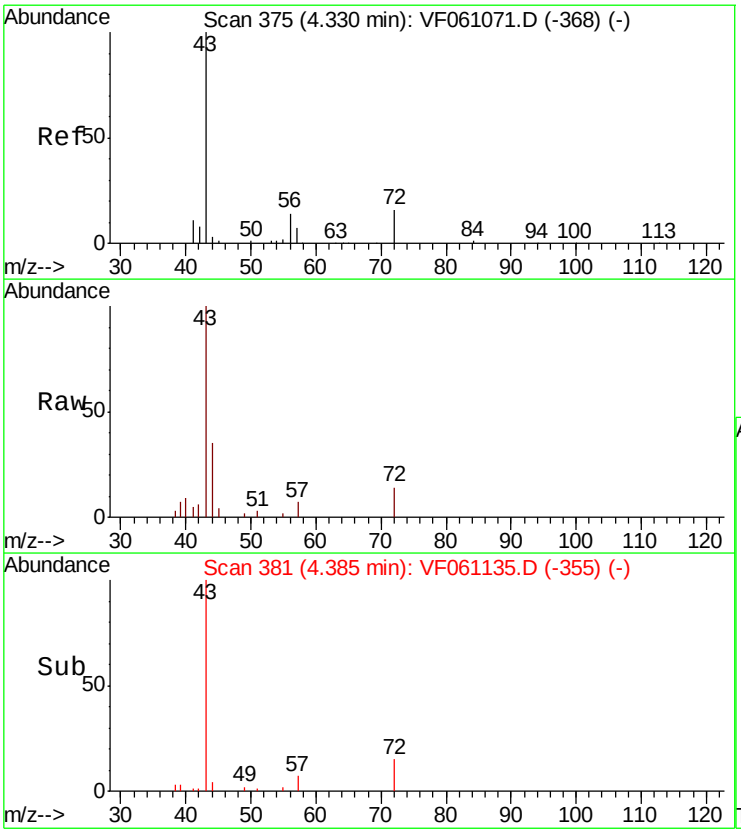
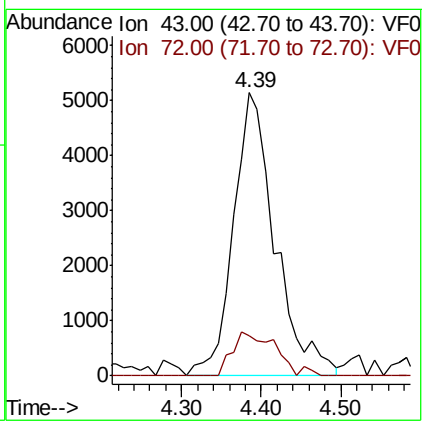
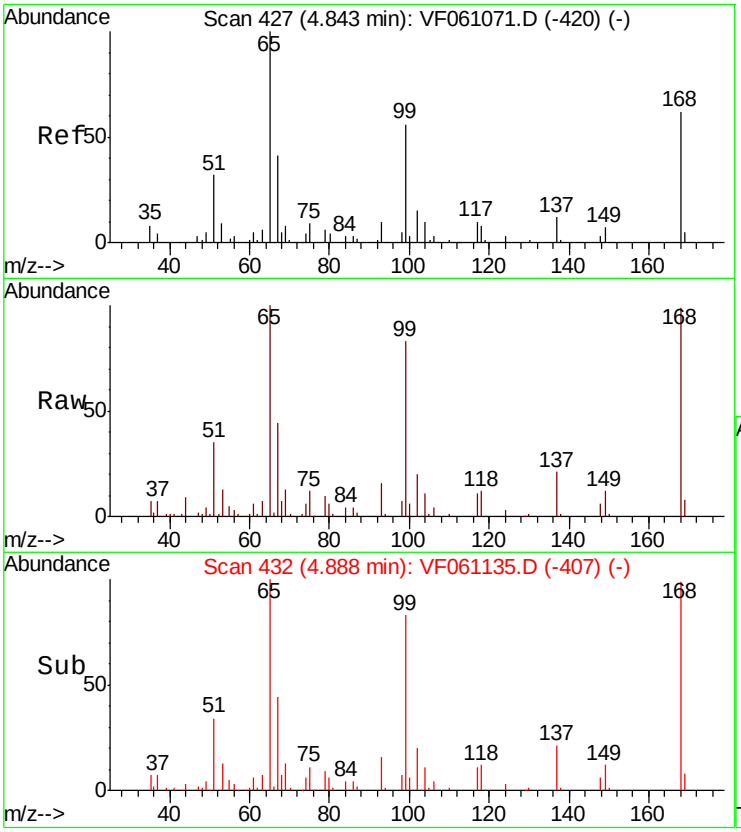


#25
2-Butanone
Concen: 28.876 ug/l
RT: 4.39 min Scan# 381
Delta R.T. 0.05 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 43 Resp: 18673

Ion	Ratio	Lower	Upper
43	100		
72	14.3	15.6	23.4#

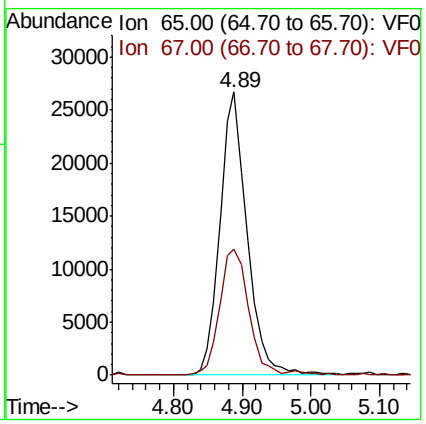




#33
1,2-Dichloroethane-d4
Concen: 36.494 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.05 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 65 Resp: 72789

Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	94.6



Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0006-01RE

Manual Integrations APPROVED
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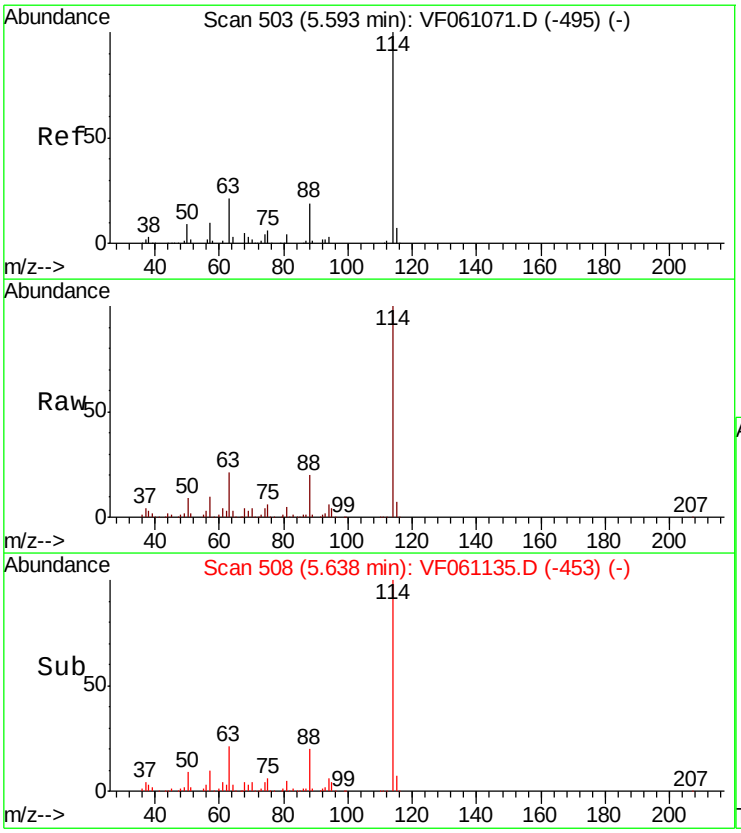
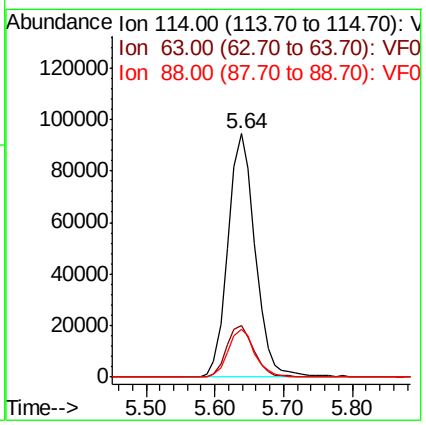
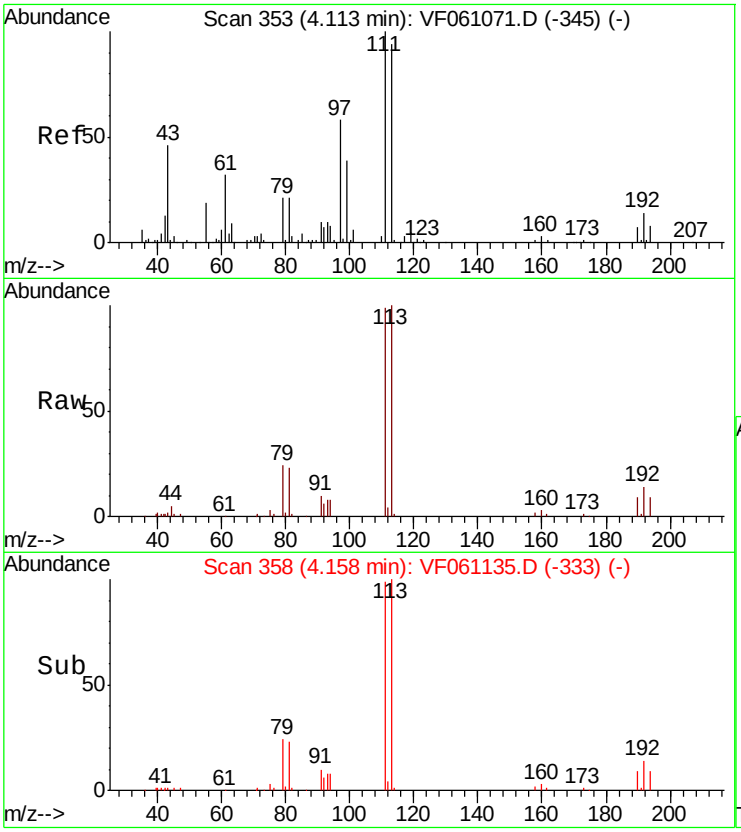


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 508
Delta R.T. 0.05 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion:114 Resp: 259987

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.6
88	19.6	0.0	38.0

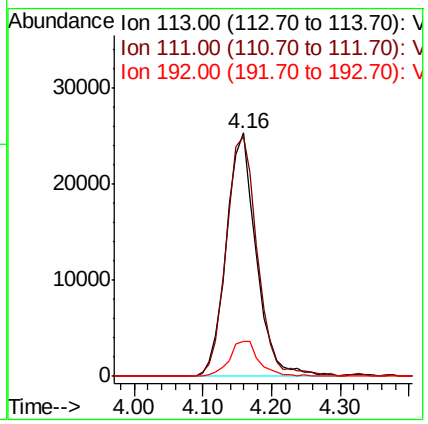




#35
Dibromofluoromethane
Concen: 36.625 ug/l
RT: 4.16 min Scan# 358
Delta R.T. 0.05 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion:113 Resp: 76276

Ion	Ratio	Lower	Upper
113	100		
111	98.7	85.2	127.8
192	14.2	12.8	19.2



Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0006-01RE

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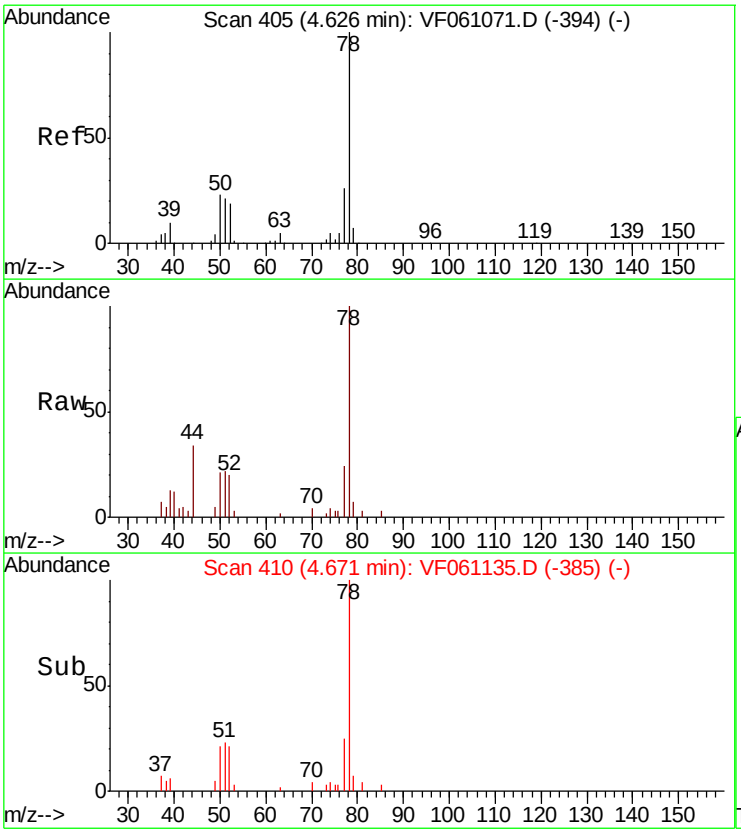
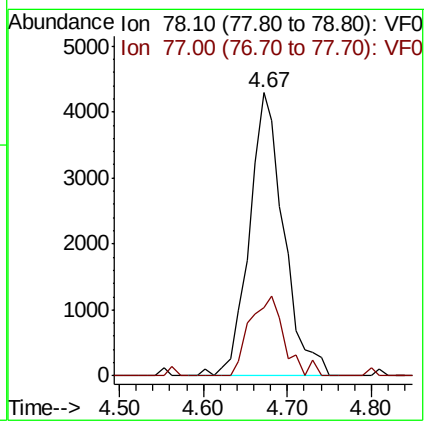
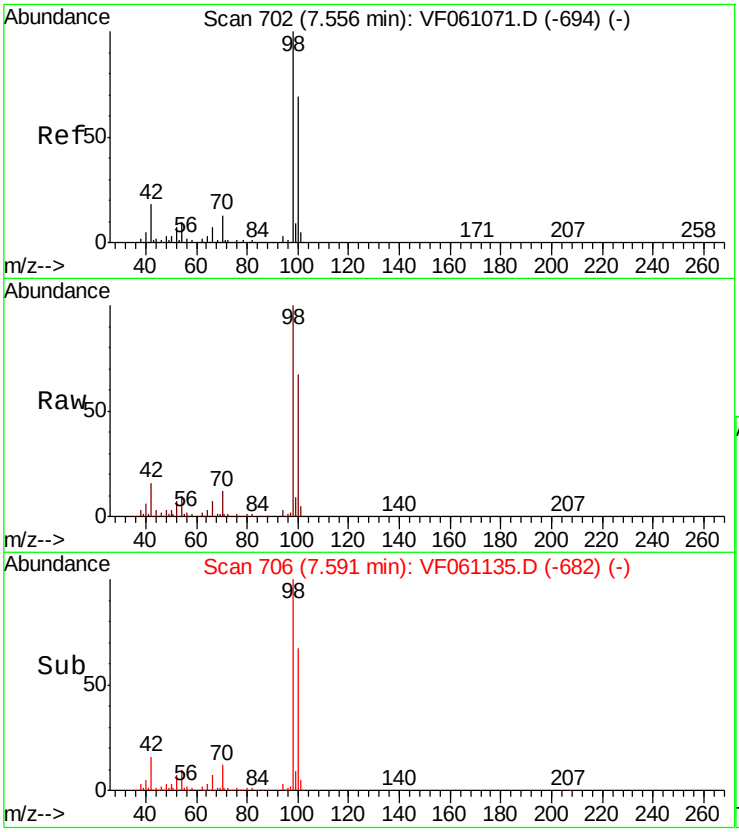


#40
Benzene
Concen: 1.823 ug/l
RT: 4.67 min Scan# 410
Delta R.T. 0.05 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 78 Resp: 12301

Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.7	31.1

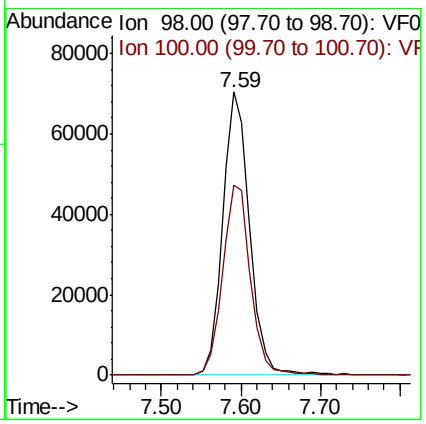




#50
Toluene-d8
Concen: 28.227 ug/l
RT: 7.59 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 98 Resp: 166592

Ion	Ratio	Lower	Upper
98	100		
100	66.9	55.3	82.9



Instrument :
MSVOA_F
ClientSampleId :
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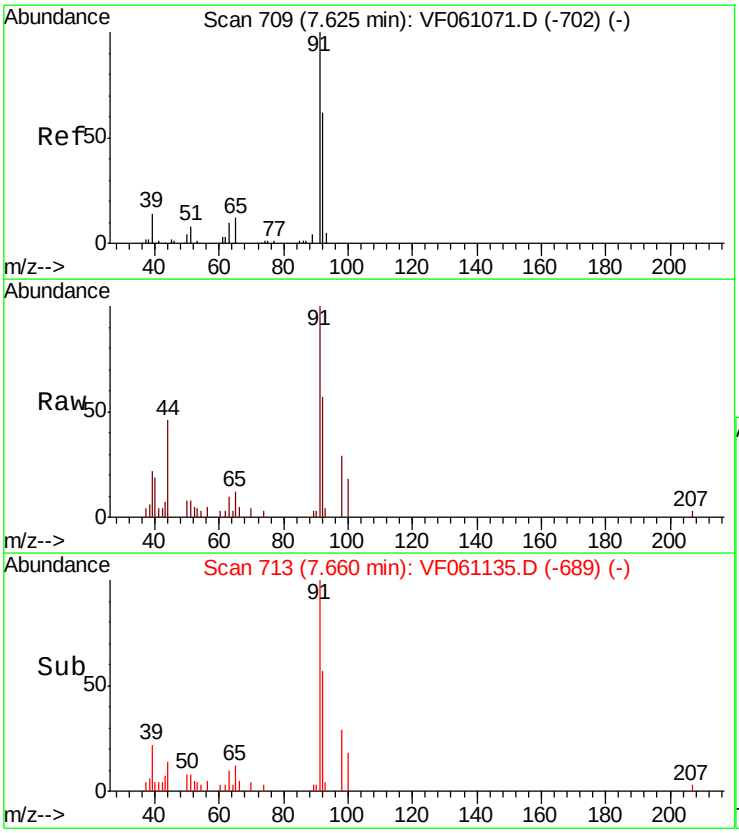
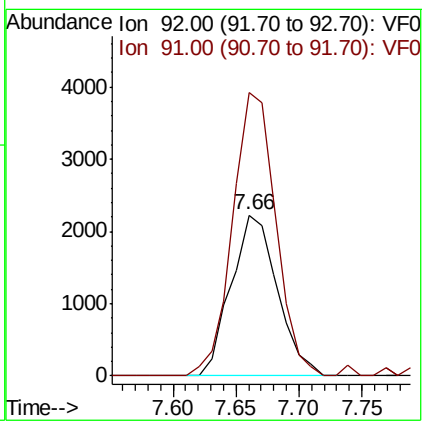
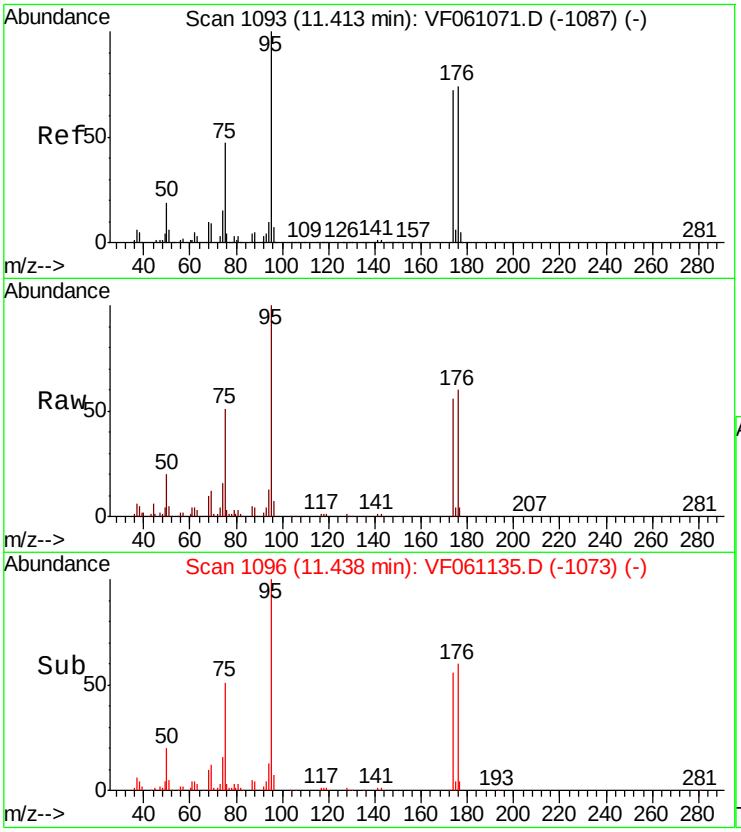


#52
Toluene
Concen: 1.272 ug/l
RT: 7.66 min Scan# 713
Delta R.T. 0.04 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 92 Resp: 5682

Ion	Ratio	Lower	Upper
92	100		
91	176.0	128.8	193.2

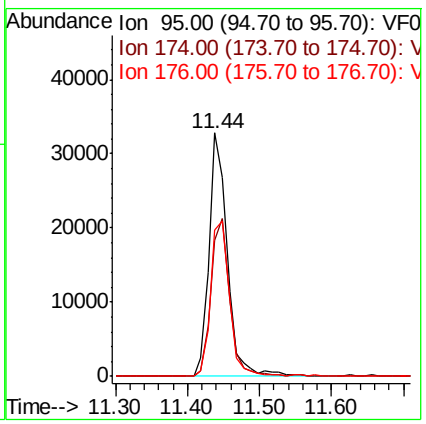




#62
4-Bromofluorobenzene
Concen: 21.074 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.03 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion: 95 Resp: 57340

Ion	Ratio	Lower	Upper
95	100		
174	56.1	0.0	143.8
176	59.9	0.0	147.6



Instrument :
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ClientSampleId :
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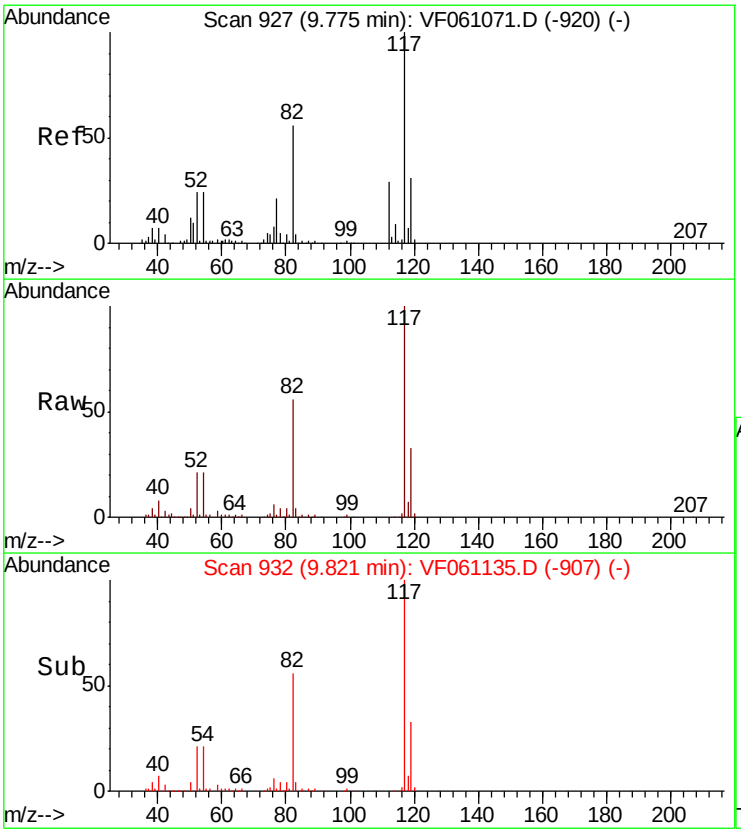
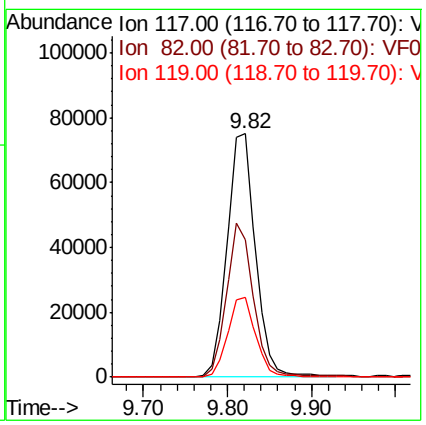
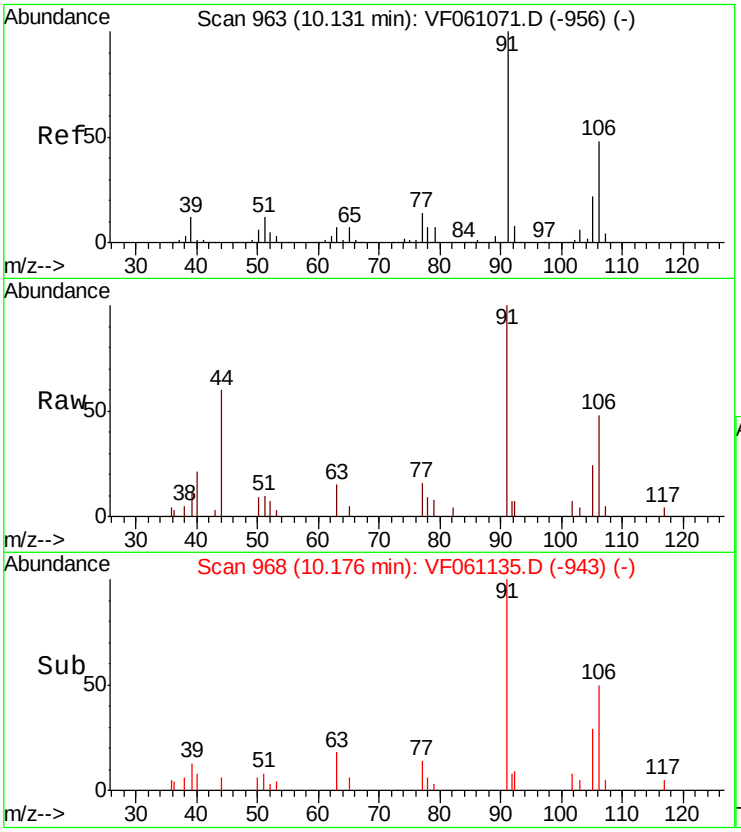


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.82 min Scan# 932
Delta R.T. 0.05 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion:117 Resp: 176869

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.0	67.4
119	32.9	24.8	37.2





#68
m/p-Xylenes
Concen: 1.425 ug/l
RT: 10.18 min Scan# 968
Delta R.T. 0.05 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion:106 Resp: 3338

Ion	Ratio	Lower	Upper
106	100		
91	208.5	168.2	252.2

Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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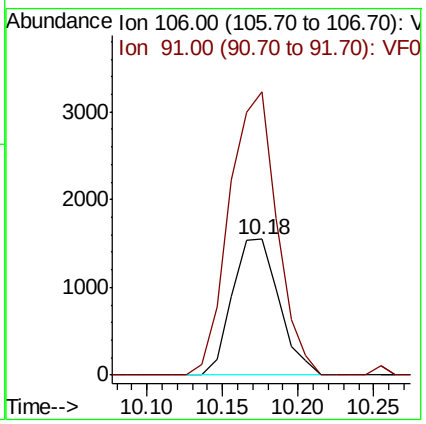
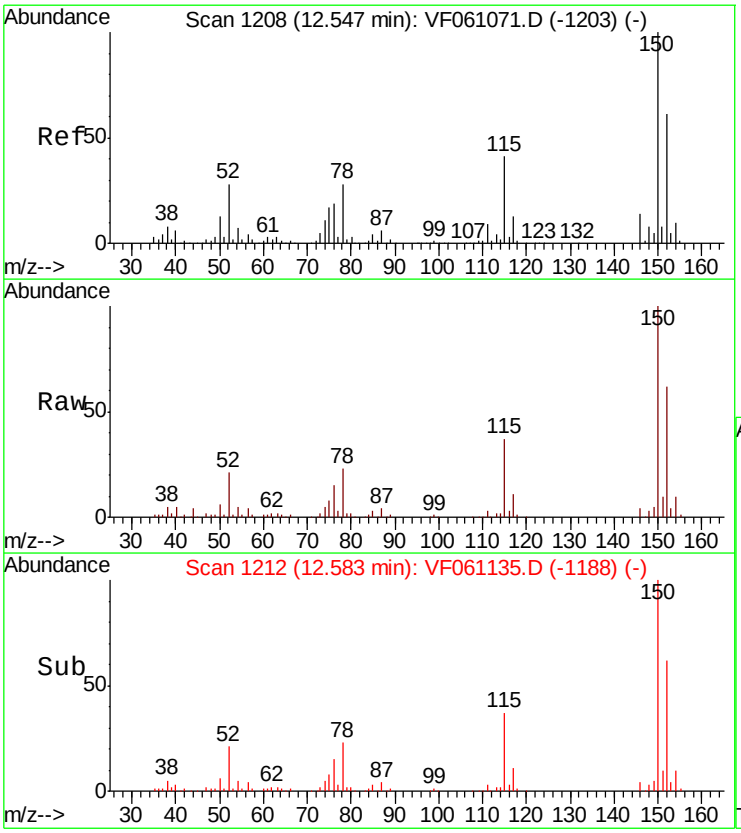
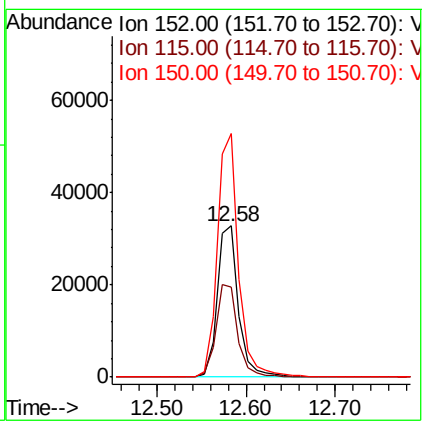


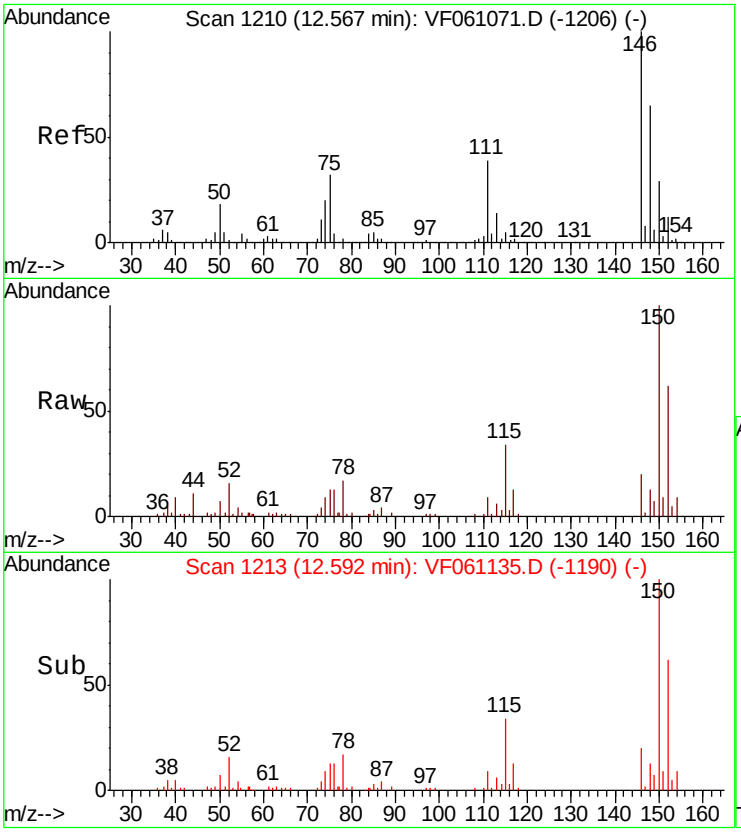


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1212
Delta R.T. 0.04 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion:152 Resp: 54389

Ion	Ratio	Lower	Upper
152	100		
115	59.9	33.3	99.9
150	161.4	0.0	328.2

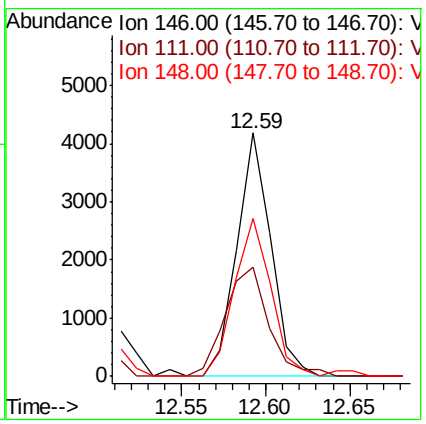




#88
1,4-Dichlorobenzene
Concen: 3.174 ug/l
RT: 12.59 min Scan# 1213
Delta R.T. 0.03 min
Lab File: VF061135.D
Acq: 21 Dec 2018 19:37

Tgt Ion:146 Resp: 5880

Ion	Ratio	Lower	Upper
146	100		
111	44.7	19.4	58.4
148	65.1	32.4	97.0



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12/26/2018 10:51:33 AM