Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011819\
Data File : VF061461.D
Acq On : 18 Jan 2019 16:04
Operator : VA/AP
Sample : K1015-09RE
Misc : 5.92g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SU-01-011719-ARE

Manual Integrations APPROVED
MMDadoda
1/21/2019 11:11:33 AM

Quant Time: Jan 19 04:32:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	212653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	370465	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	290564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	108715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	159516	60.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	121.52%		
35) Dibromofluoromethane	4.11	113	171342	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	117.22%		
50) Toluene-d8	7.55	98	345452	43.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.26%		
62) 4-Bromofluorobenzene	11.41	95	146091	39.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.08%		
Target Compounds						Qvalue
16) Acetone	2.24	43	27151	51.549	ug/l #	91
20) Methylene Chloride	2.26	84	25368m	12.884	ug/l	
52) Toluene	7.62	92	17955	2.853	ug/l	85

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

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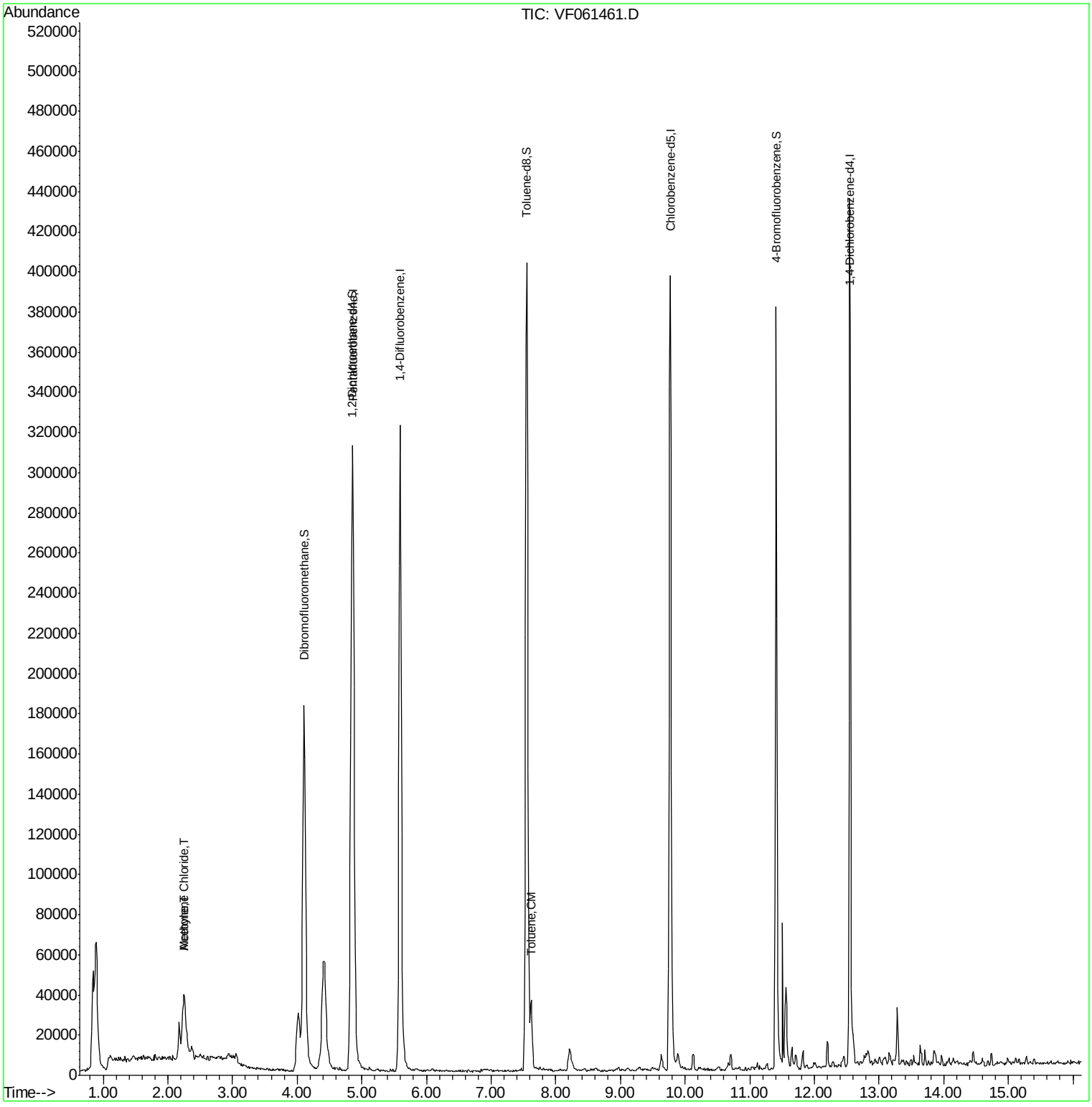
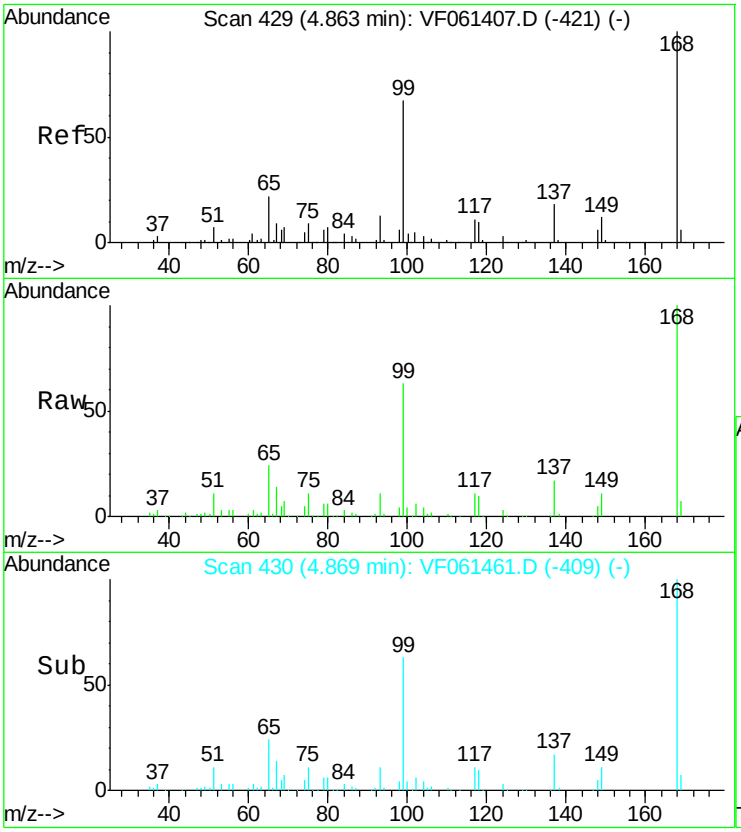
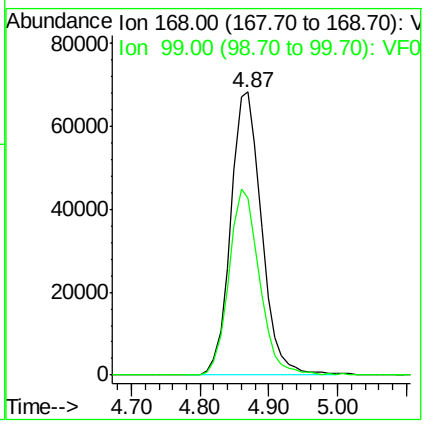




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion:168 Resp: 212653

Ion	Ratio	Lower	Upper
168	100		
99	62.8	53.5	80.3



Instrument :
MSVOA_F
ClientSampleId :
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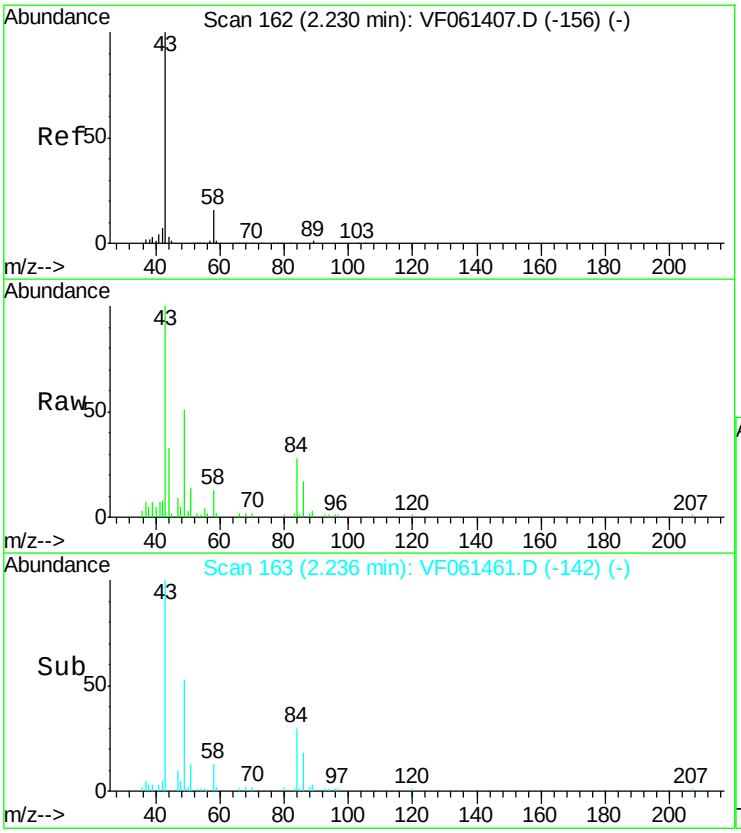
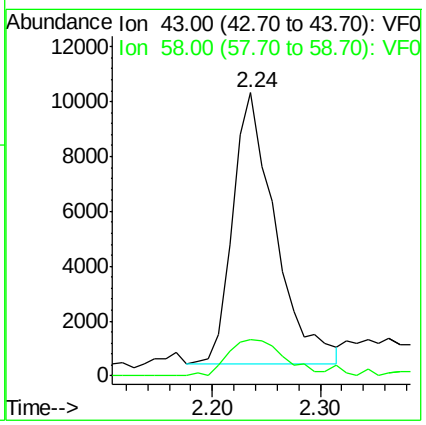
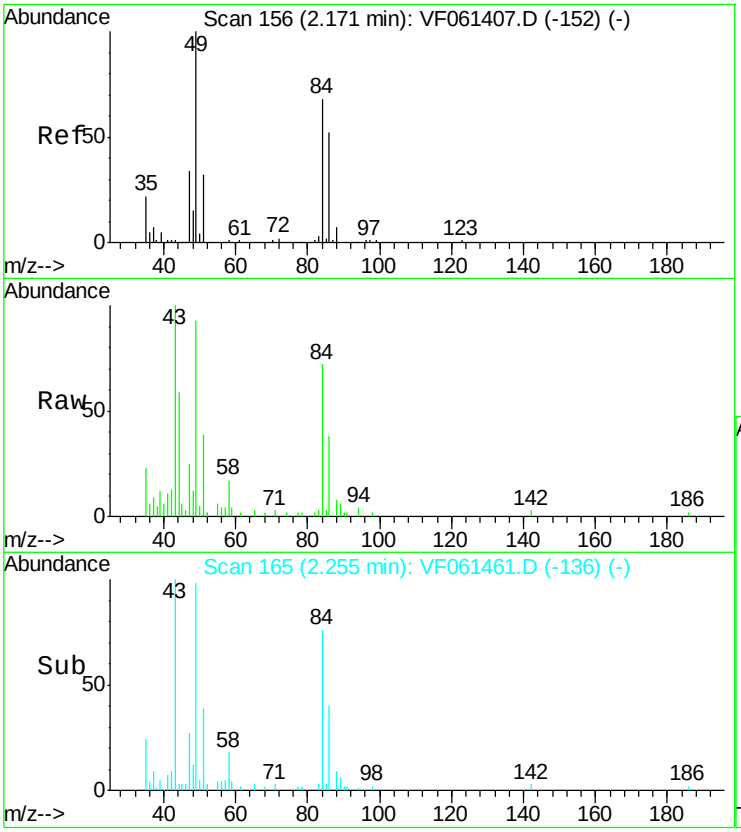


#16
Acetone
Concen: 51.549 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion: 43 Resp: 27151

Ion	Ratio	Lower	Upper
43	100		
58	12.6	13.3	19.9#

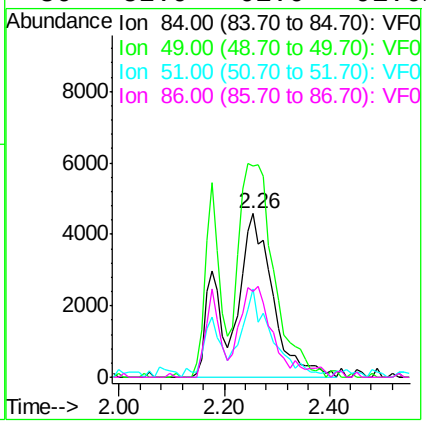




#20
Methylene Chloride
Concen: 12.884 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.09 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion: 84 Resp: 25368

Ion	Ratio	Lower	Upper
84	100		
49	129.3	120.0	180.0
51	53.8	38.6	58.0
86	52.9	61.0	91.6#



Instrument :
MSVOA_F
ClientSampleId :
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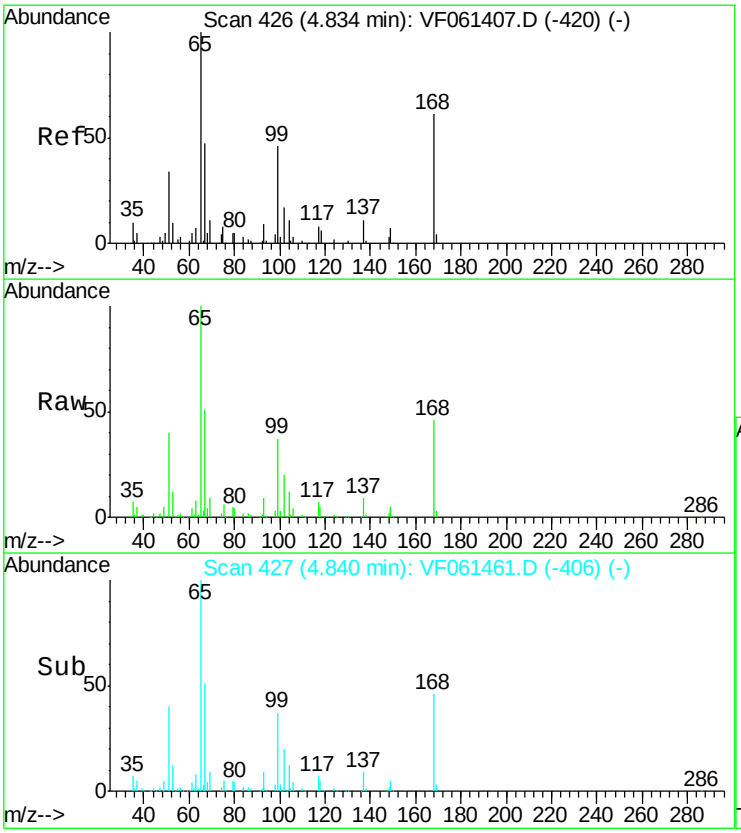
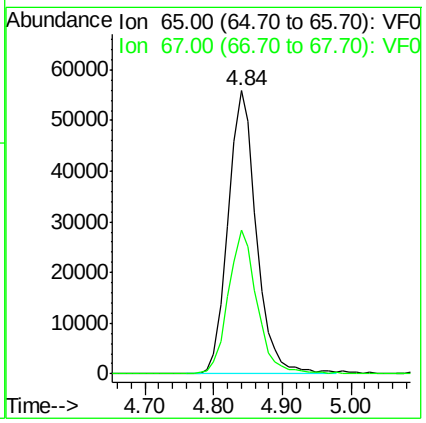
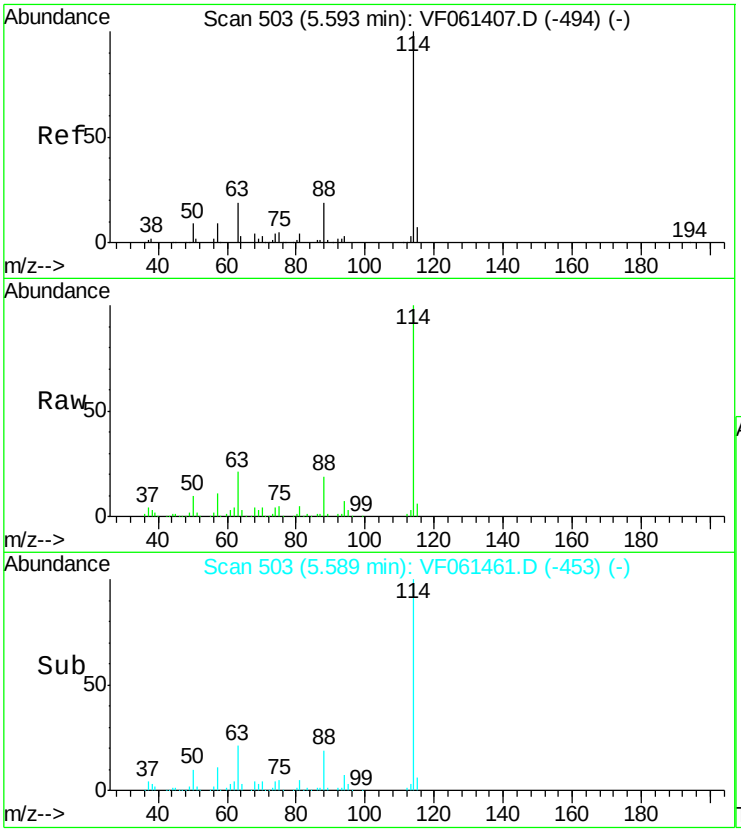


#33
1,2-Dichloroethane-d4
Concen: 60.757 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion: 65 Resp: 159516

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	99.8

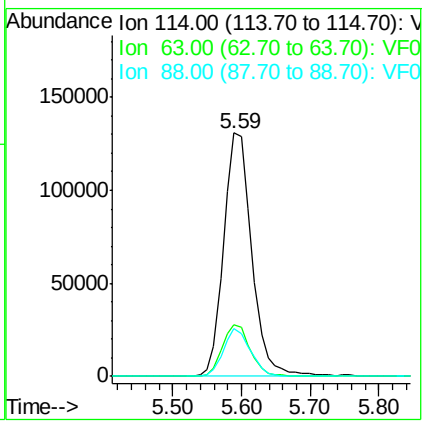




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion:114 Resp: 370465

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	19.5	0.0	37.4



Instrument :
MSVOA_F
ClientSampleId :
SU-01-011719-ARE

Manual Integrations APPROVED
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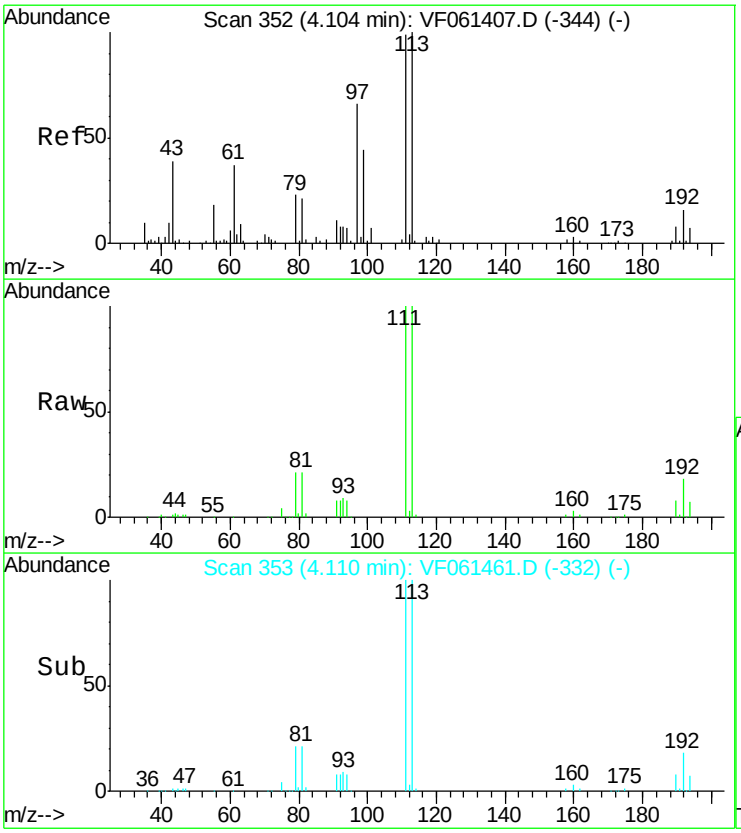
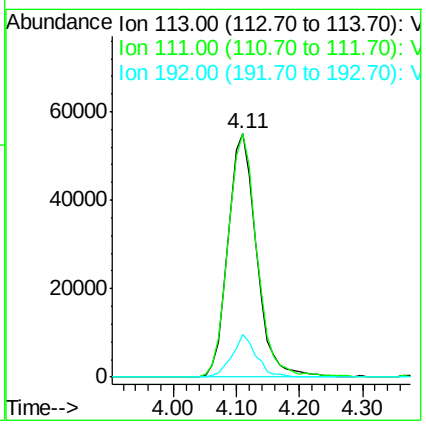
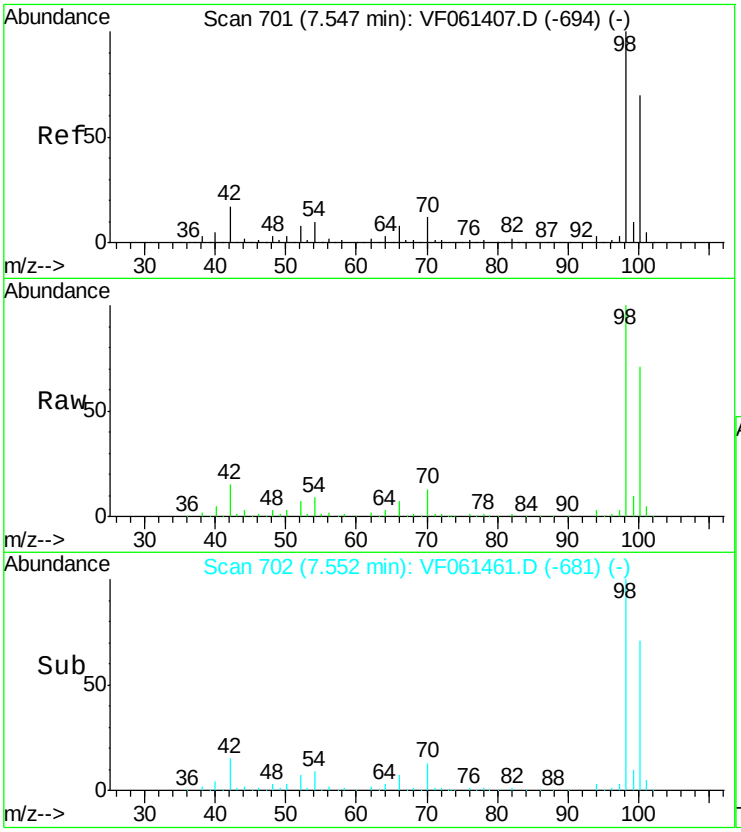


#35
Dibromofluoromethane
Concen: 58.613 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion:113 Resp: 171342

Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.4	119.0
192	17.6	12.4	18.6

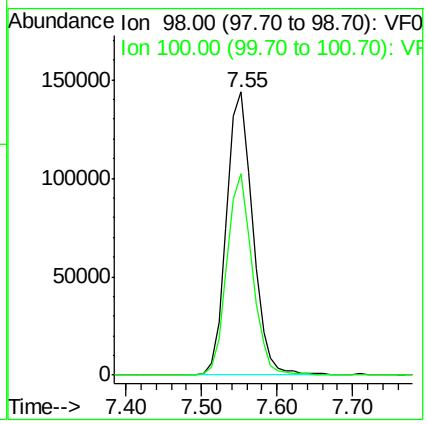




#50
Toluene-d8
Concen: 43.131 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion: 98 Resp: 345452

Ion	Ratio	Lower	Upper
98	100		
100	71.2	55.6	83.4



Instrument :
MSVOA_F
ClientSampleId :
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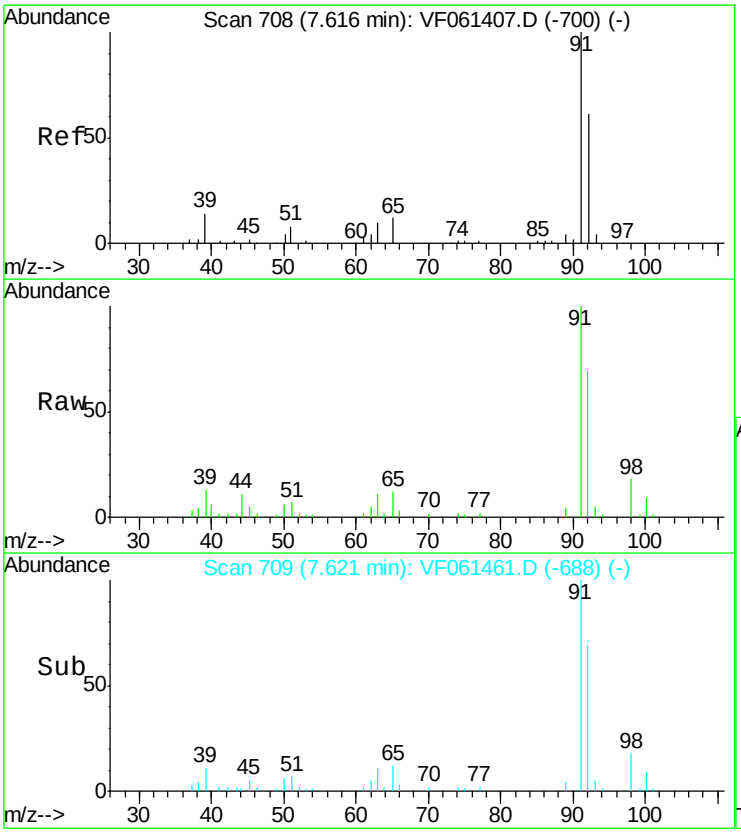
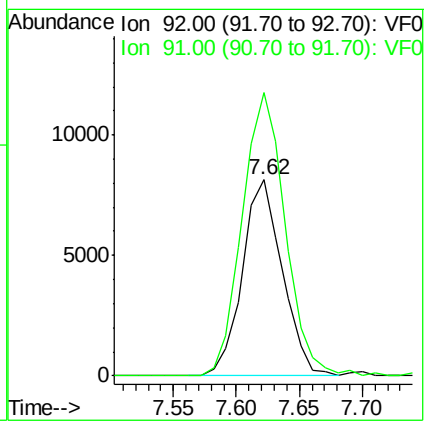
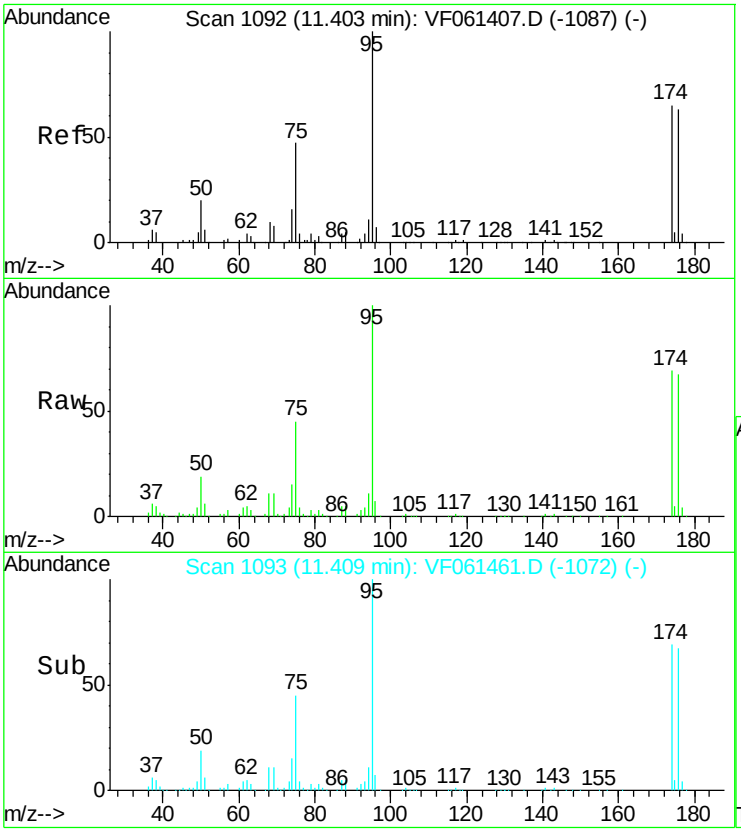


#52
Toluene
Concen: 2.853 ug/l
RT: 7.62 min Scan# 709
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion: 92 Resp: 17955

Ion	Ratio	Lower	Upper
92	100		
91	144.2	131.2	196.8

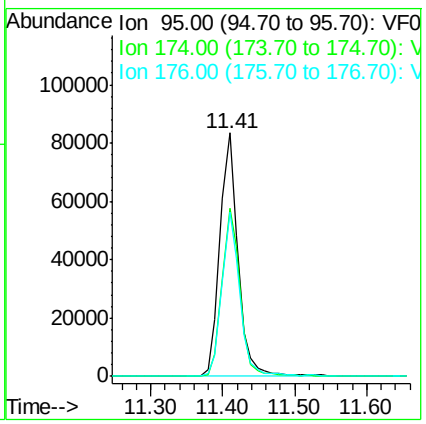




#62
4-Bromofluorobenzene
Concen: 39.039 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion: 95 Resp: 146091

Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	130.4
176	67.3	0.0	126.2



Instrument :
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ClientSampleId :
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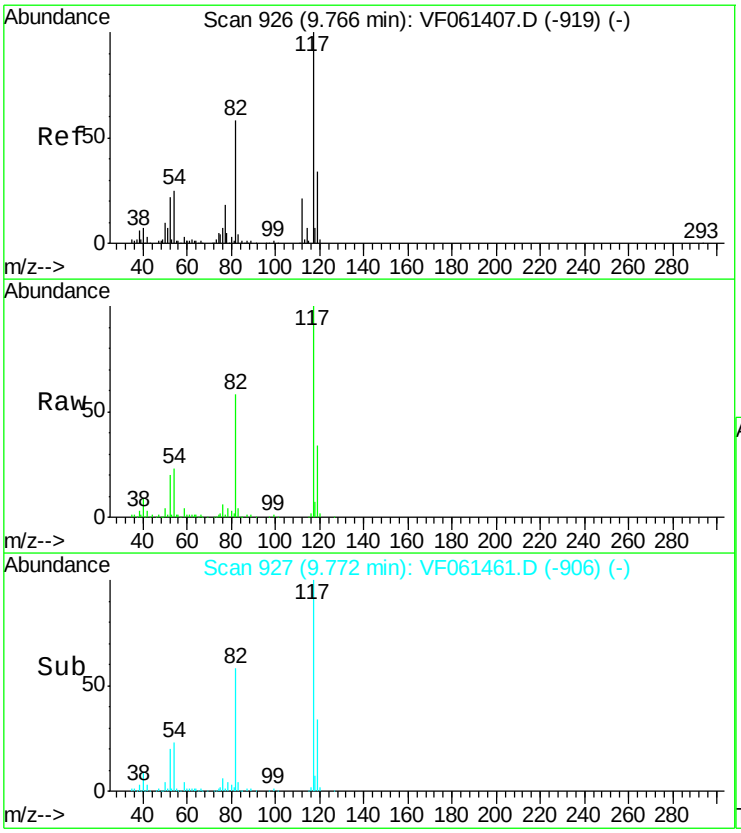
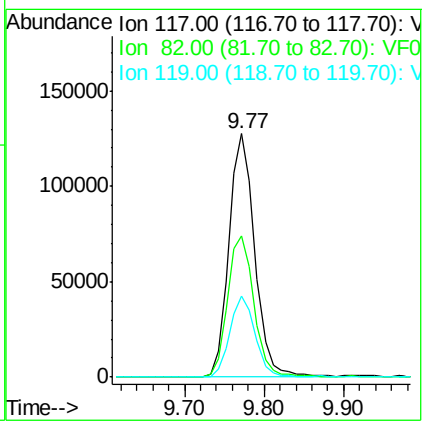
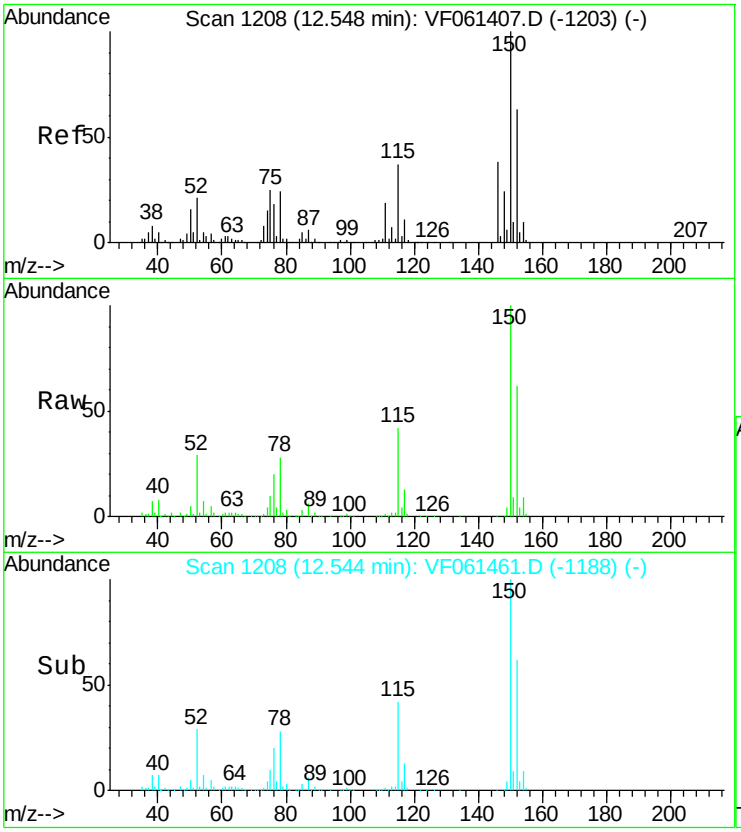


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion:117 Resp: 290564

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	33.5	27.2	40.8

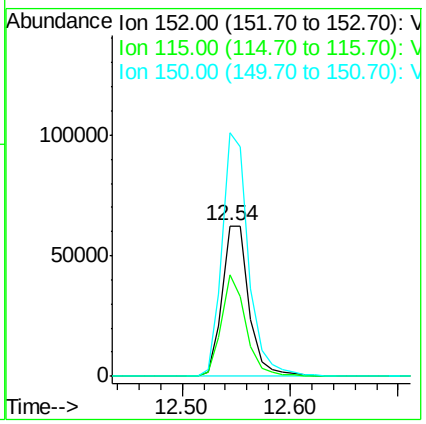




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061461.D
Acq: 18 Jan 2019 16:04

Tgt Ion:152 Resp: 108715

Ion	Ratio	Lower	Upper
152	100		
115	67.2	30.0	90.0
150	161.9	0.0	321.4



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1/21/2019 11:11:33 AM