

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061392.D
 Acq On : 14 Jan 2019 16:35
 Operator : VA/AP
 Sample : K1128-03
 Misc : 4.79g/5mL/MSVOA-F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200036

Quant Time: Jan 14 22:37:12 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	4.87	168	9345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	12612	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	9255	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	2656	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	2147	20.64	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	41.28%	
35) Dibromofluoromethane	4.10	113	3569	36.98	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	73.96%	
50) Toluene-d8	7.55	98	12480	43.70	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.40%	
62) 4-Bromofluorobenzene	11.40	95	3322	26.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	53.28%	

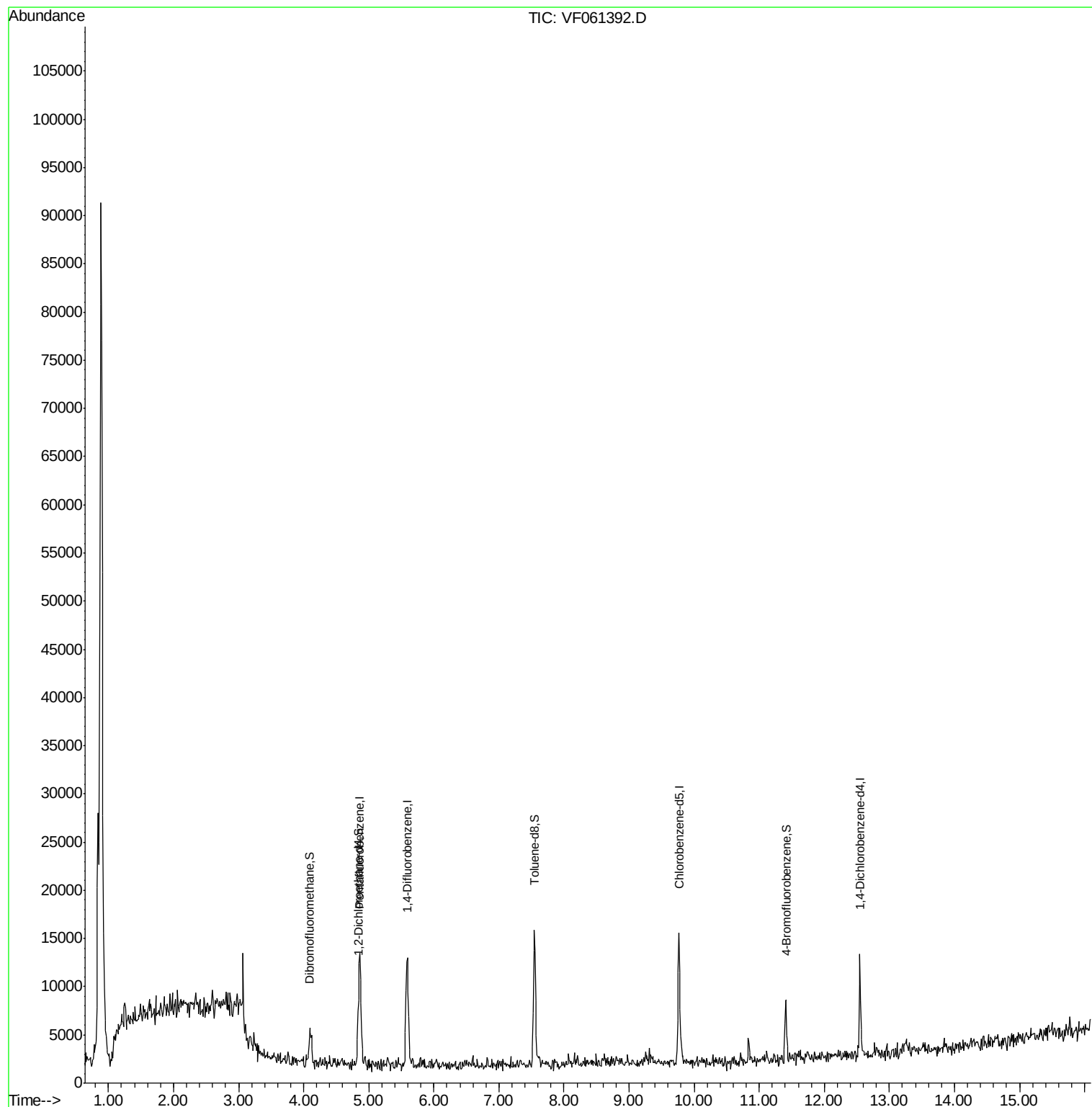
Target Compounds	Qvalue

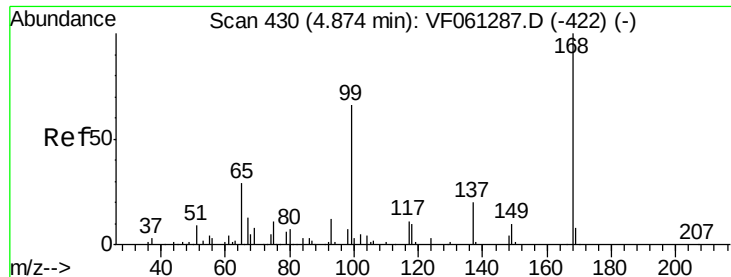
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061392.D

Acq: 14 Jan 2019 16:35

Instrument :

MSVOA_F

ClientSampleId :

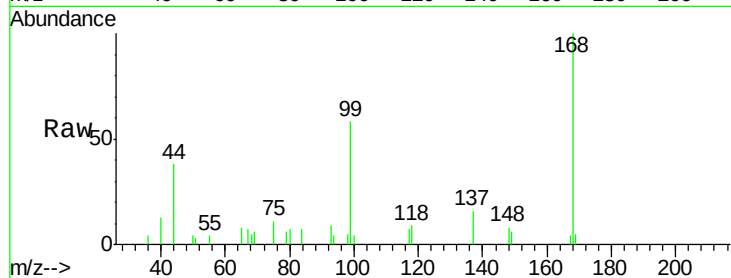
RBR-200036

Tot Ion:168 Resp: 9345

Ion Ratio Lower Upper

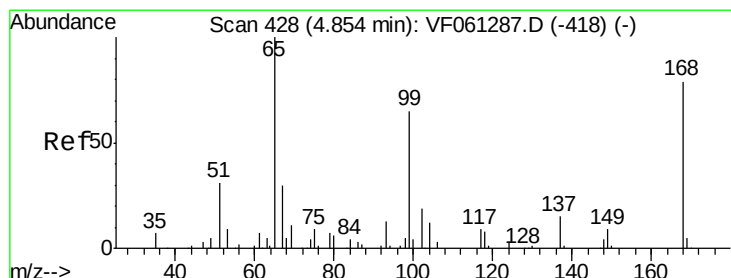
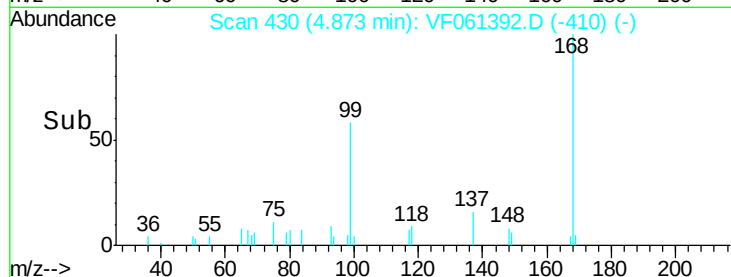
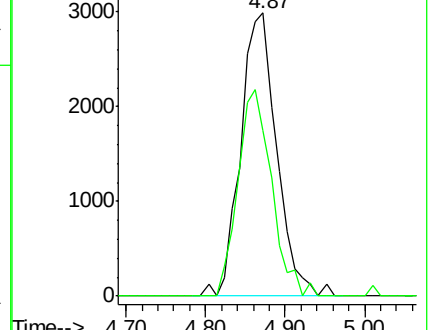
168 100

99 58.3 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.641 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061392.D

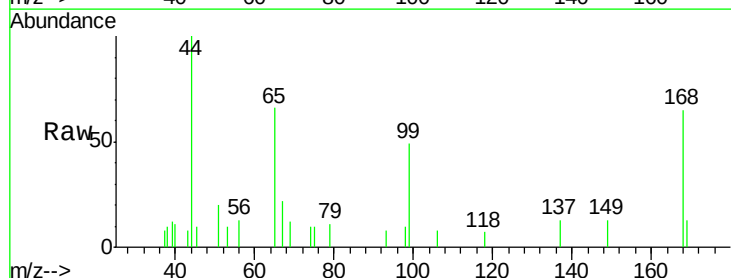
Acq: 14 Jan 2019 16:35

Tgt Ion: 65 Resp: 2147

Ion Ratio Lower Upper

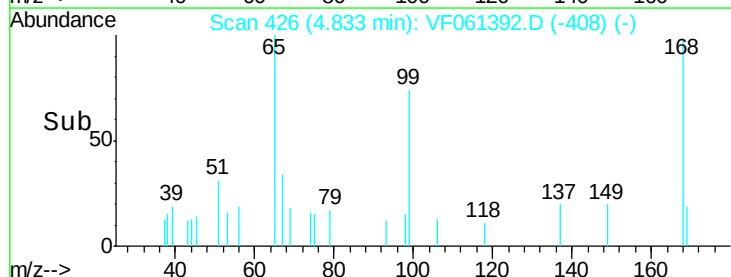
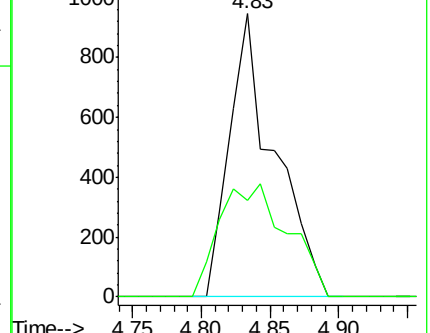
65 100

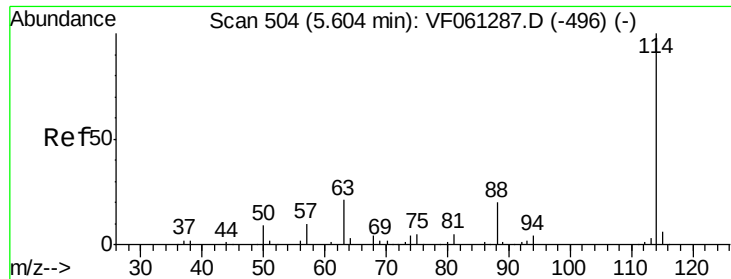
67 33.9 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

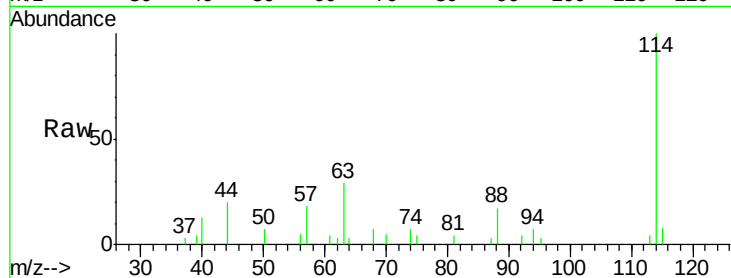




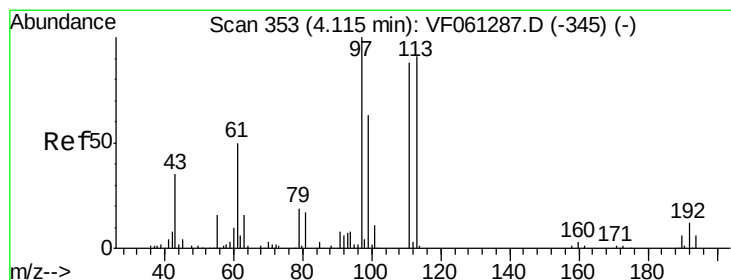
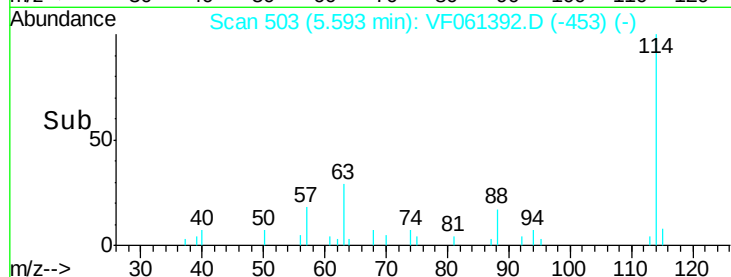
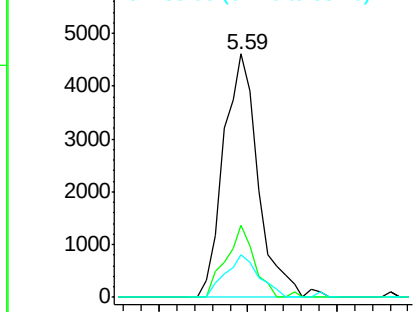
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF061392.D
Acq: 14 Jan 2019 16:35

Instrument :
MSVOA_F
ClientSampleId :
RBR-200036

Tot Ion:114 Resp: 12612
Ion Ratio Lower Upper
114 100
63 29.5 0.0 42.8
88 17.3 0.0 40.0

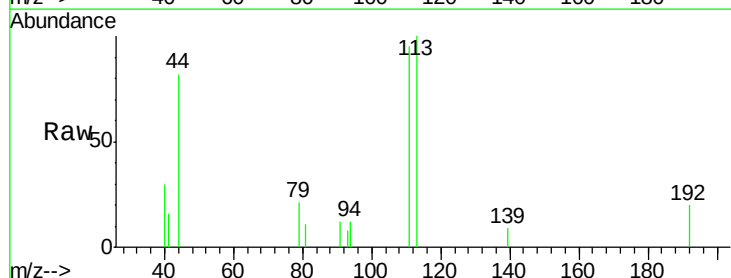


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

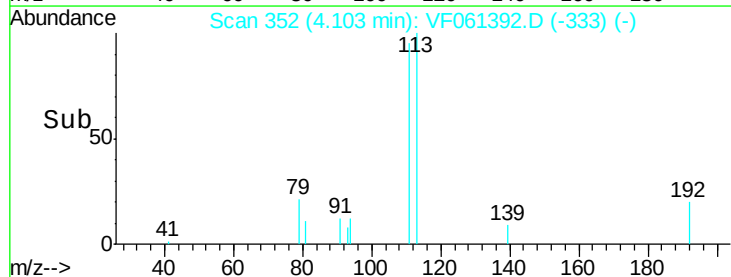
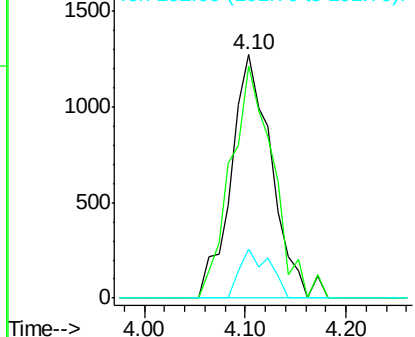


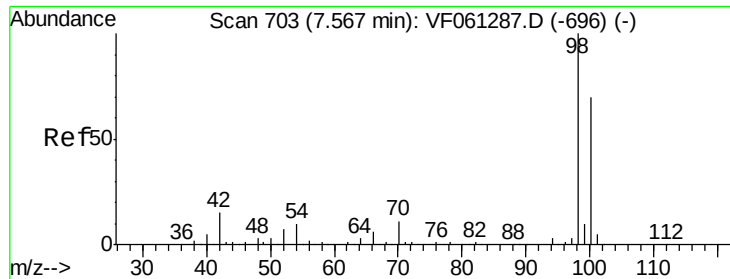
#35
Dibromofluoromethane
Concen: 36.983 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061392.D
Acq: 14 Jan 2019 16:35

Tgt Ion:113 Resp: 3569
Ion Ratio Lower Upper
113 100
111 95.4 78.0 117.0
192 20.1 10.6 16.0#



Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

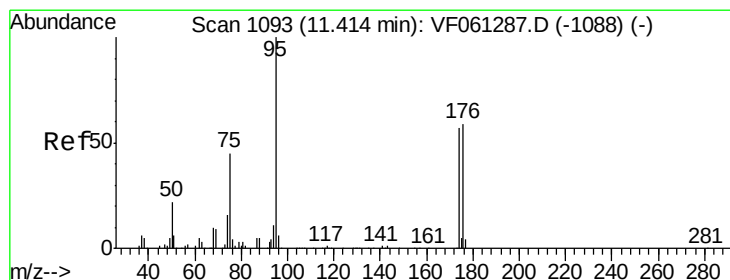
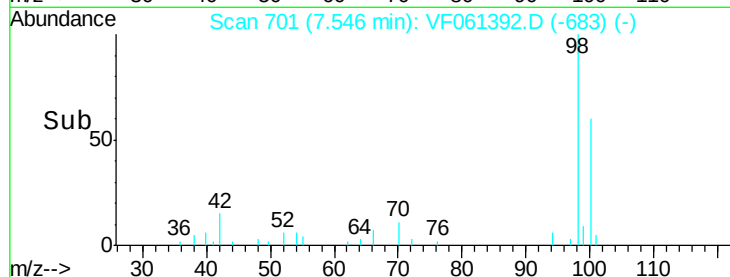
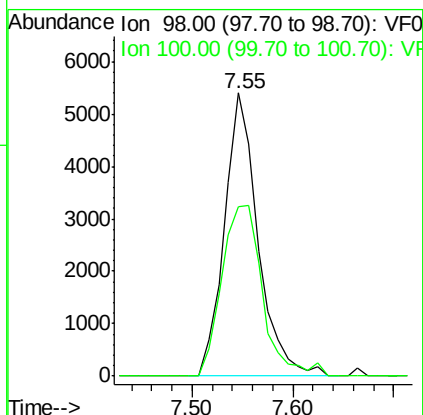
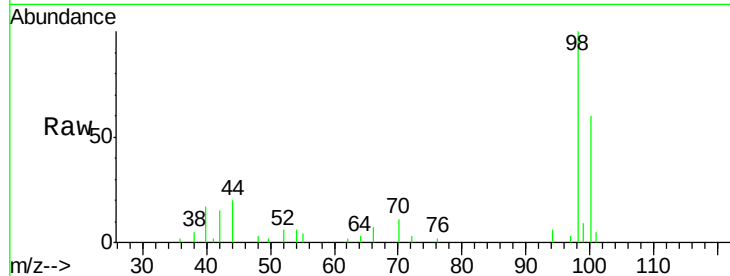




#50
Toluene-d8
Concen: 43.701 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061392.D
Acq: 14 Jan 2019 16:35

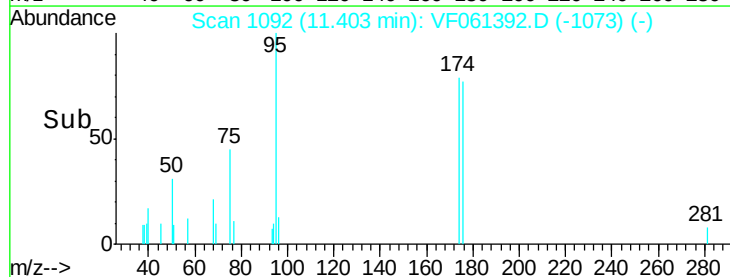
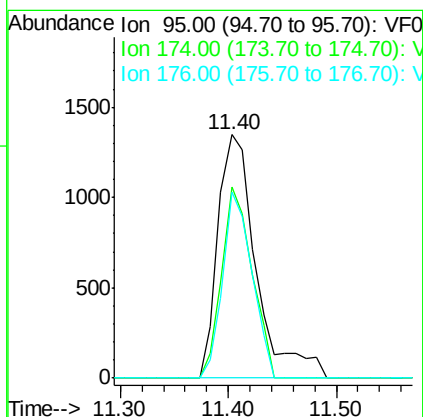
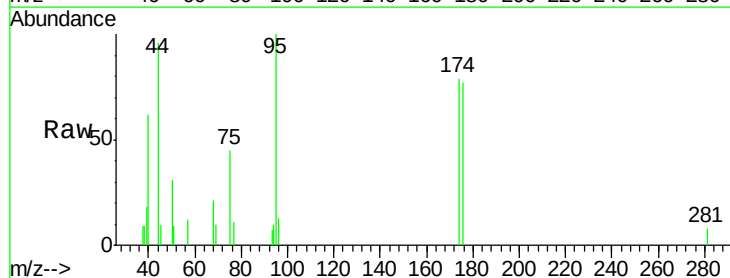
Instrument :
MSVOA_F
ClientSampleId :
RBR-200036

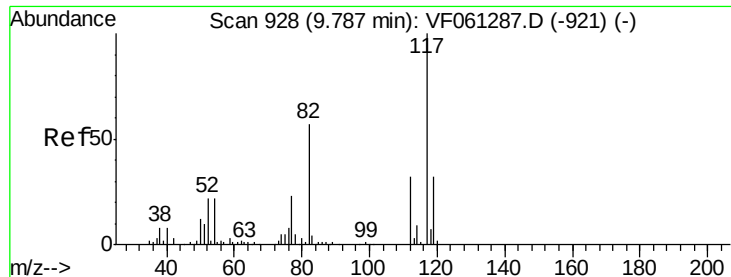
Tot Ion: 98 Resp: 12480
Ion Ratio Lower Upper
98 100
100 59.9 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 26.640 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061392.D
Acq: 14 Jan 2019 16:35

Tgt Ion: 95 Resp: 3322
Ion Ratio Lower Upper
95 100
174 78.6 0.0 114.2
176 76.6 0.0 117.8

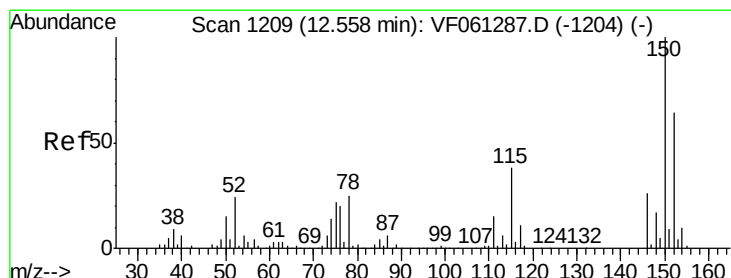
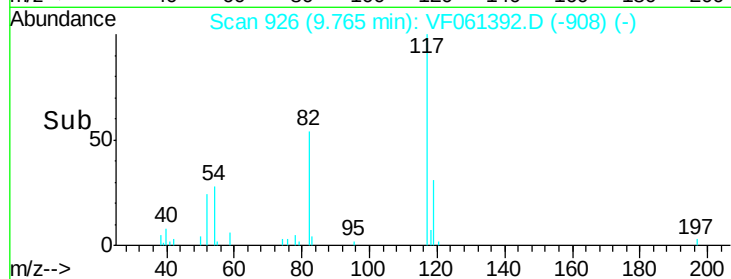
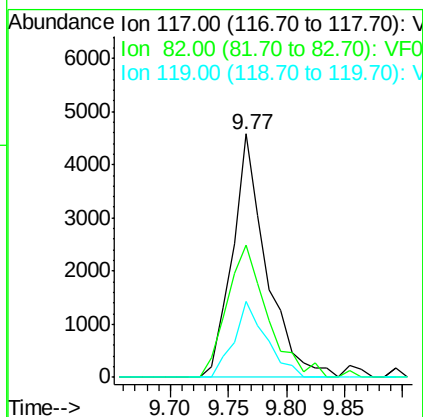
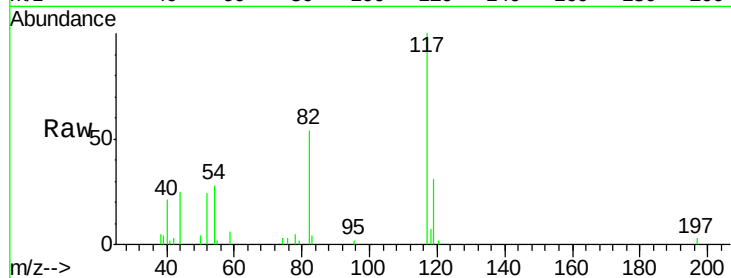




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061392.D
Acq: 14 Jan 2019 16:35

Instrument :
MSVOA_F
ClientSampleId :
RBR-200036

Tot Ion:117 Resp: 9255
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061392.D
Acq: 14 Jan 2019 16:35

Tgt Ion:152 Resp: 2656
Ion Ratio Lower Upper
152 100
115 75.2 29.6 88.9
150 205.2 0.0 315.4

