

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061208.D
 Acq On : 27 Dec 2018 15:14
 Operator : VA/AP
 Sample : J6511-03RE
 Misc : 6.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-59(0-5)-GRABRE

Quant Time: Dec 28 05:50:24 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	4.86	168	12418	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	17269	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	12060	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	4010	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	3142	19.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	39.34%	
35) Dibromofluoromethane	4.08	113	4599	33.25	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	66.50%	
50) Toluene-d8	7.53	98	17953	45.80	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.60%	
62) 4-Bromofluorobenzene	11.39	95	4985	27.58	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	55.16%	

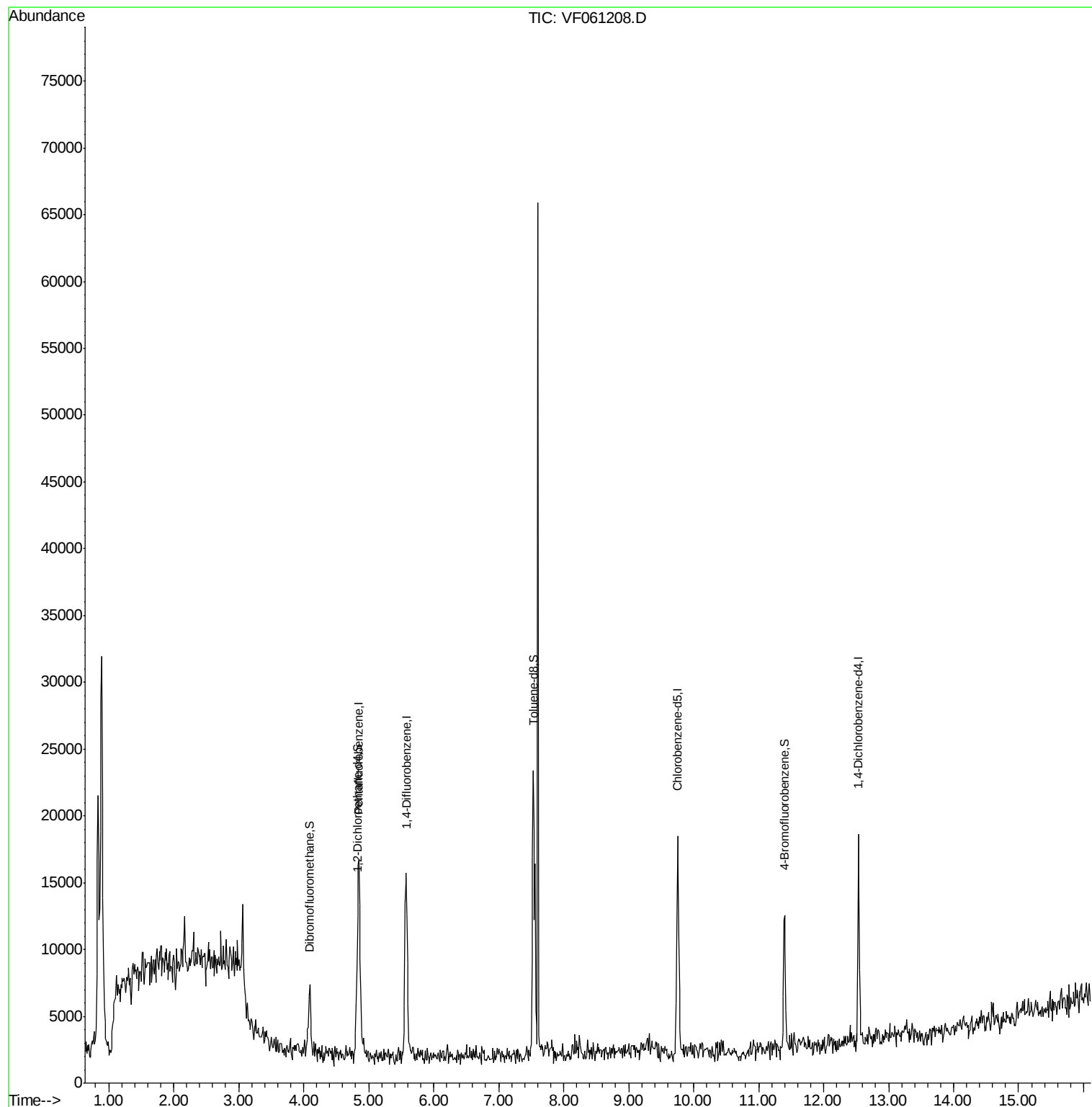
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061208.D

Acq: 27 Dec 2018 15:14

Instrument :

MSVOA_F

ClientSampleId :

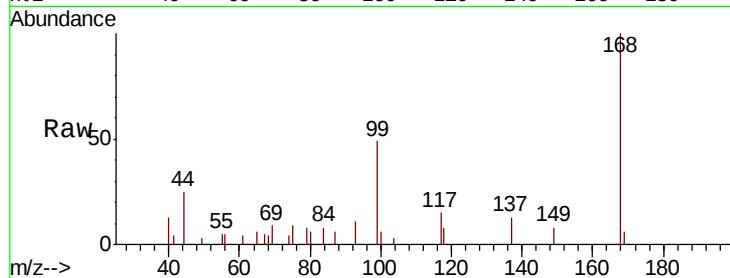
SB-59(0-5)-GRABRE

Tot Ion:168 Resp: 12418

Ion Ratio Lower Upper

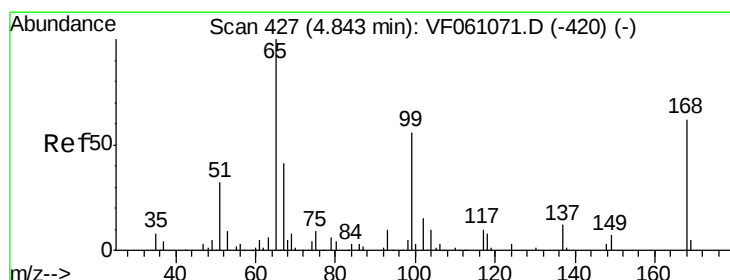
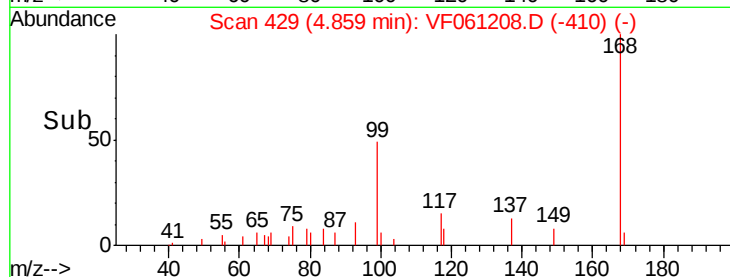
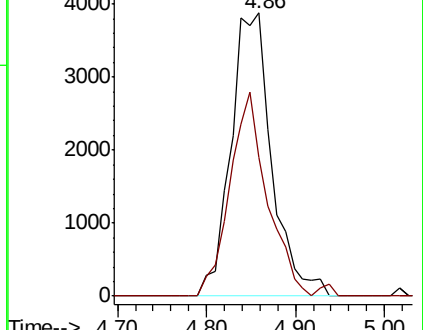
168 100

99 49.0 54.4 81.6#



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: 19.672 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061208.D

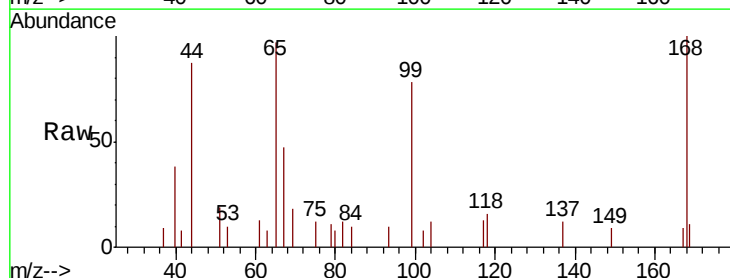
Acq: 27 Dec 2018 15:14

Tgt Ion: 65 Resp: 3142

Ion Ratio Lower Upper

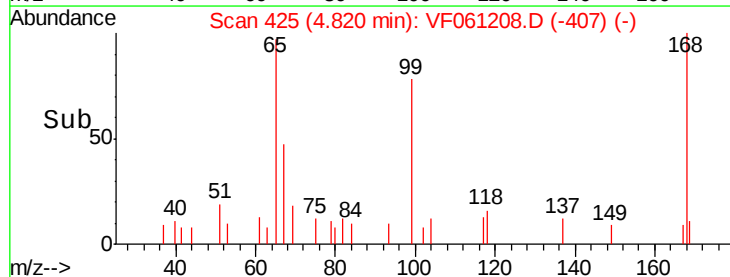
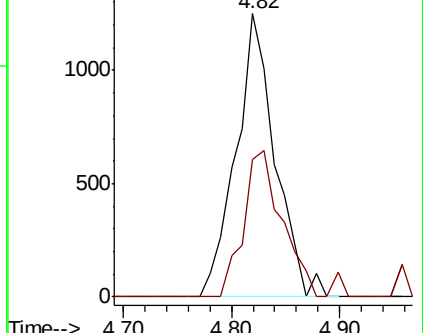
65 100

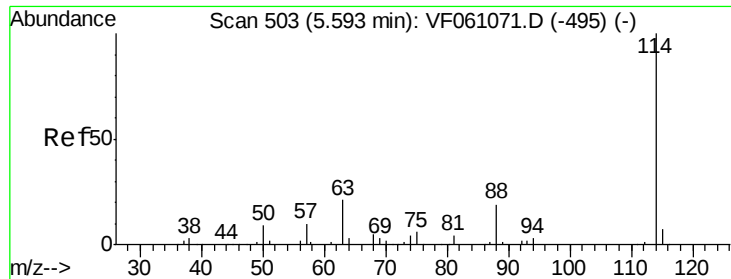
67 48.6 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

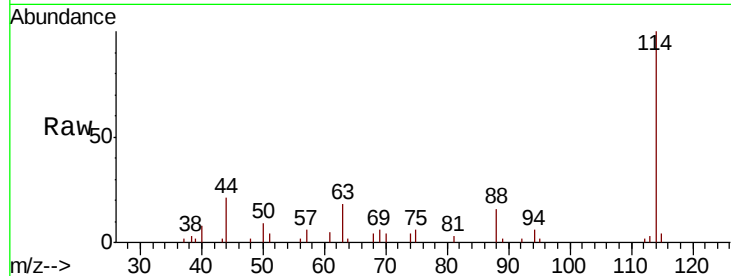




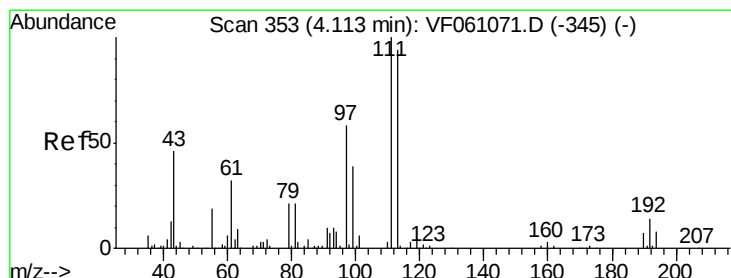
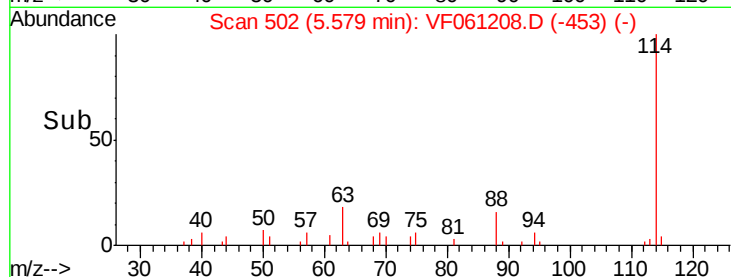
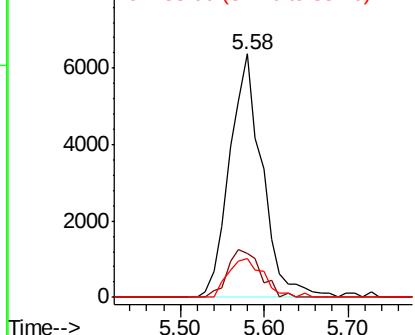
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061208.D
Acq: 27 Dec 2018 15:14

Instrument :
MSVOA_F
ClientSampleId :
SB-59(0-5)-GRABRE

Tot Ion:114 Resp: 17269
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.6
88 16.0 0.0 38.0

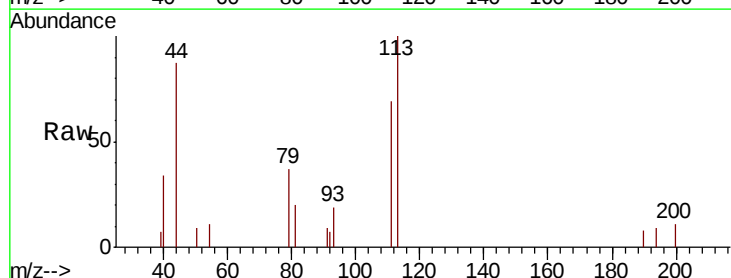


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

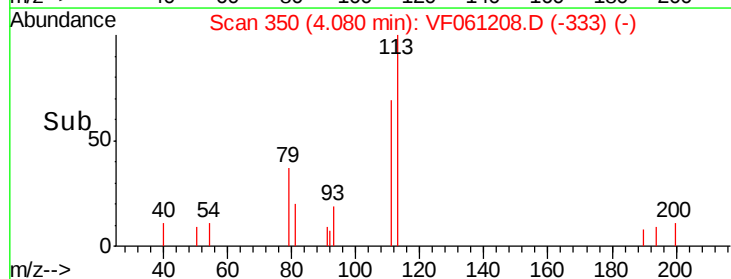
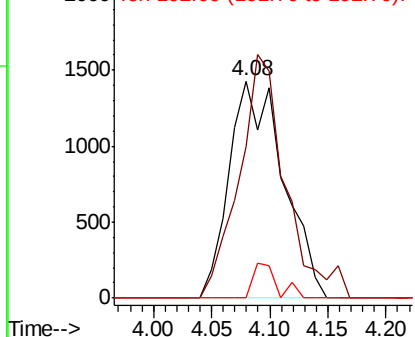


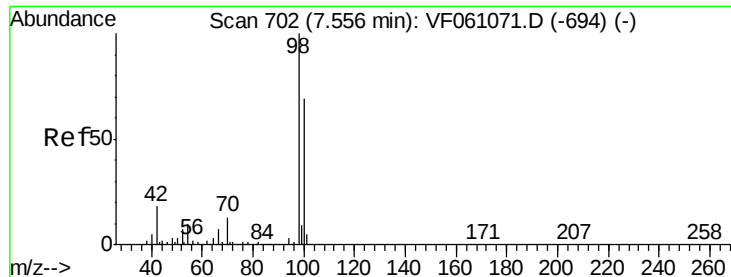
#35
Dibromofluoromethane
Concen: 33.245 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF061208.D
Acq: 27 Dec 2018 15:14

Tgt Ion:113 Resp: 4599
Ion Ratio Lower Upper
113 100
111 69.5 85.2 127.8#
192 0.0 12.8 19.2#



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

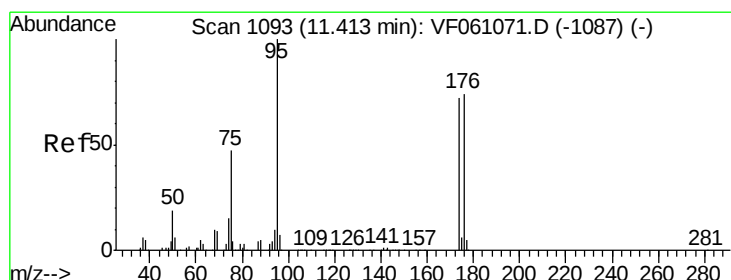
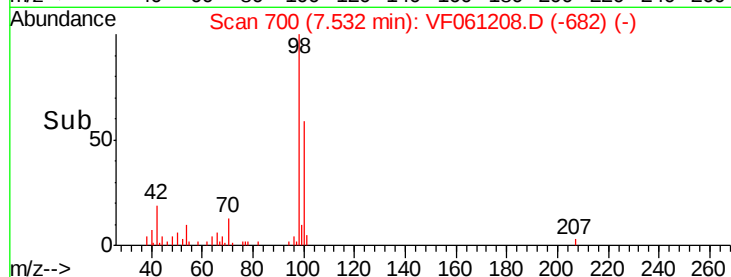
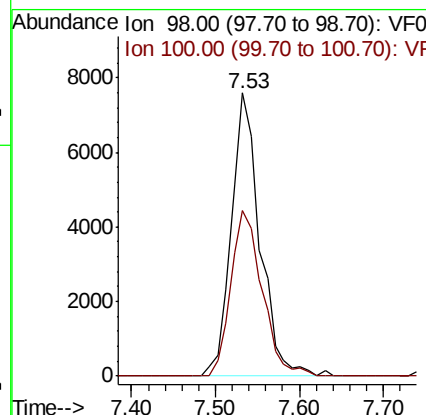
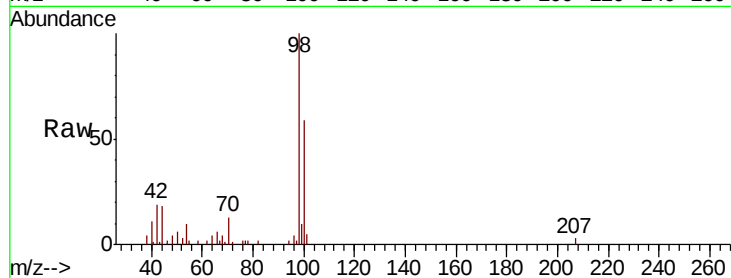




#50
Toluene-d8
Concen: 45.796 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061208.D
Acq: 27 Dec 2018 15:14

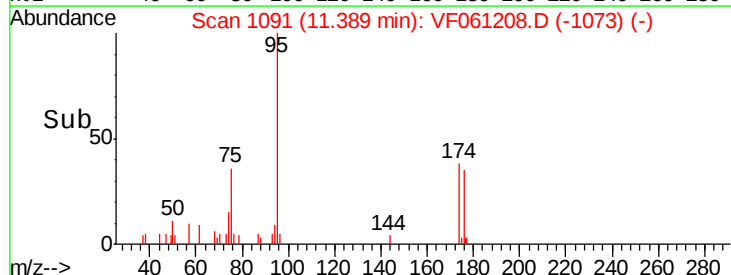
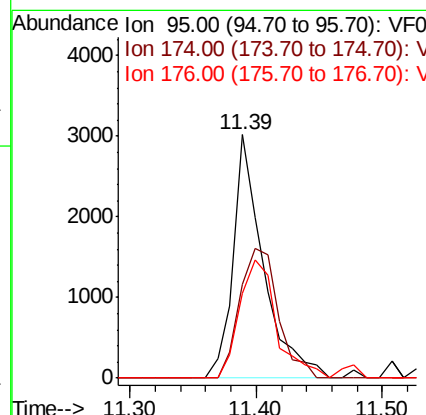
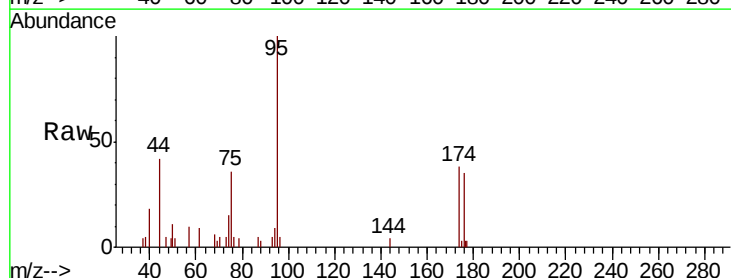
Instrument :
MSVOA_F
ClientSampleId :
SB-59(0-5)-GRABRE

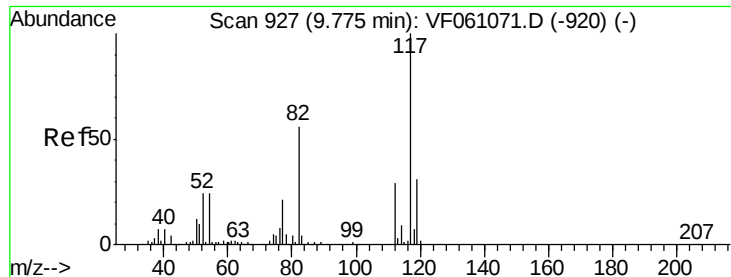
Tot Ion: 98 Resp: 17953
Ion Ratio Lower Upper
98 100
100 58.7 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 27.583 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061208.D
Acq: 27 Dec 2018 15:14

Tgt Ion: 95 Resp: 4985
Ion Ratio Lower Upper
95 100
174 38.4 0.0 143.8
176 38.3 0.0 147.6

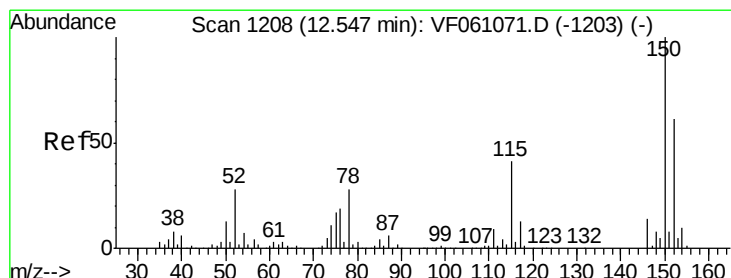
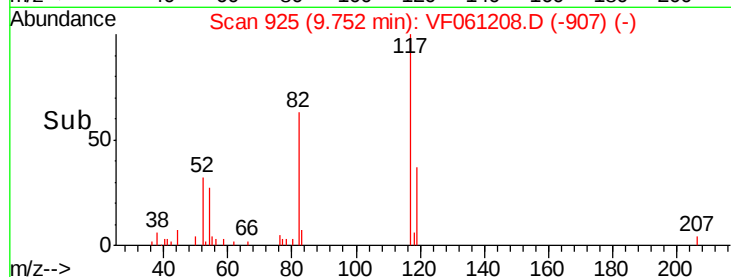
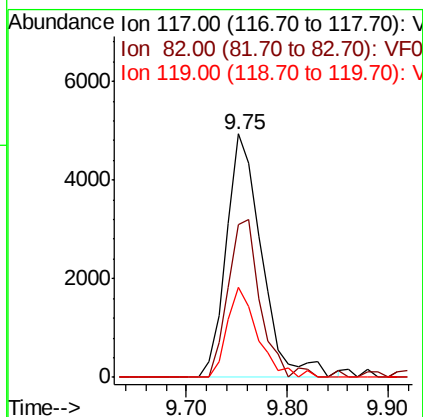
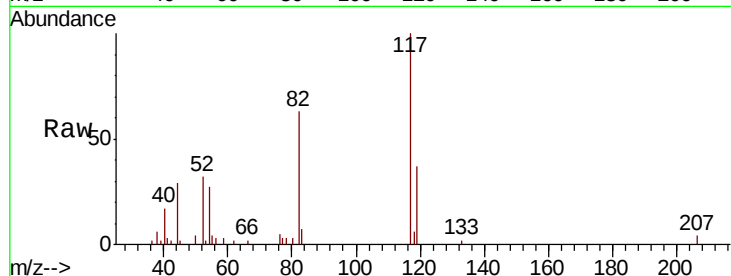




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061208.D
Acq: 27 Dec 2018 15:14

Instrument :
MSVOA_F
ClientSampleId :
SB-59(0-5)-GRABRE

Tot Ion:117 Resp: 12060
Ion Ratio Lower Upper
117 100
82 62.6 45.0 67.4
119 36.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061208.D
Acq: 27 Dec 2018 15:14

Tgt Ion:152 Resp: 4010
Ion Ratio Lower Upper
152 100
115 56.3 33.3 99.9
150 174.8 0.0 328.2

