

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061141.D
 Acq On : 22 Dec 2018 13:29
 Operator : VA/AP
 Sample : VF1222SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1222SBL01

Quant Time: Dec 24 03:14:24 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	4.90	168	230250	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.62	114	399662	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	372532	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	204208	50.00	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	147444	49.79	ug/l	0.03
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	4.14	113	167826	52.42	ug/l	0.03
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	7.58	98	438270	48.31	ug/l	0.03
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.43	95	209370	50.06	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.12%	

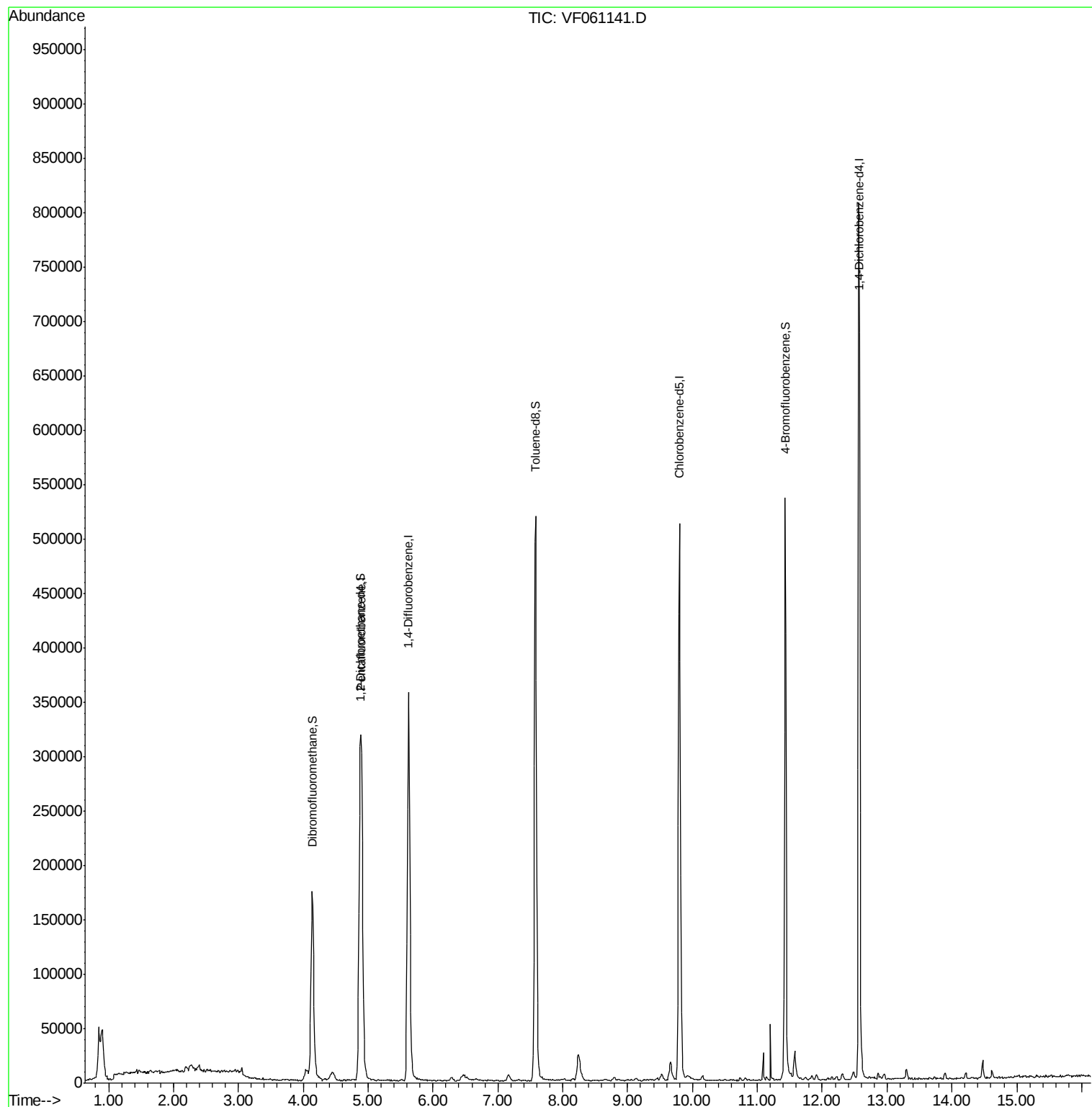
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. 0.03 min

Lab File: VF061141.D

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ClientSampleId :

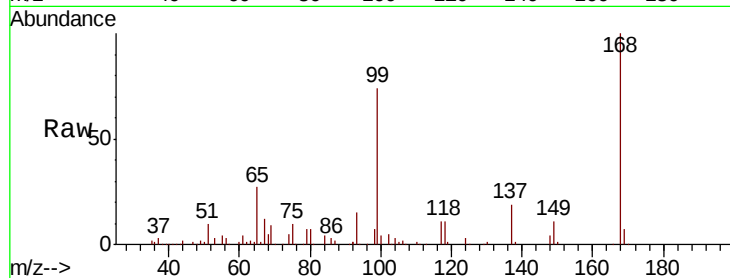
VF1222SBL01

Tgt Ion:168 Resp: 230250

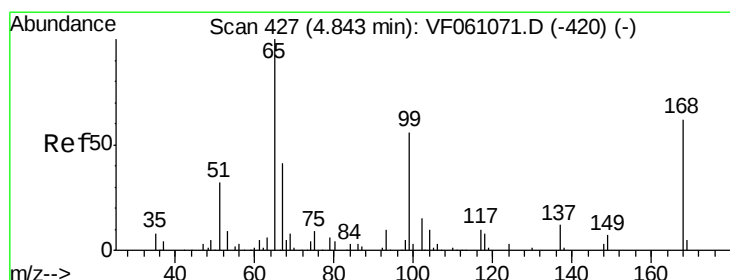
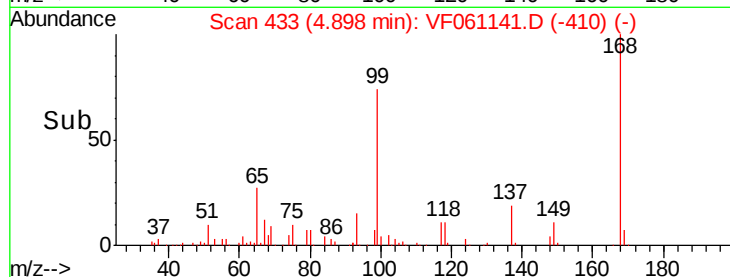
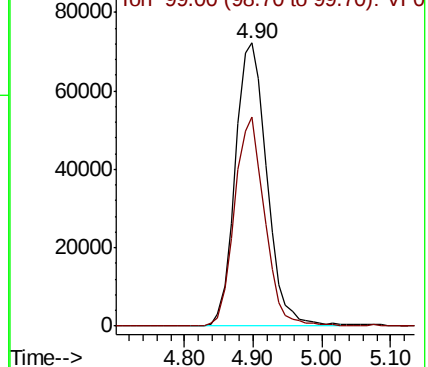
Ion Ratio Lower Upper

168 100

99 73.7 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 49.788 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.03 min

Lab File: VF061141.D

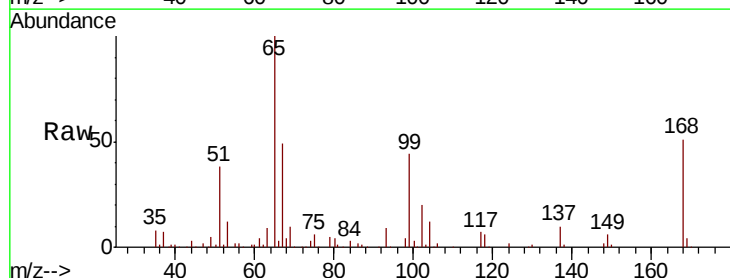
Acq: 22 Dec 2018 13:29

Tgt Ion: 65 Resp: 147444

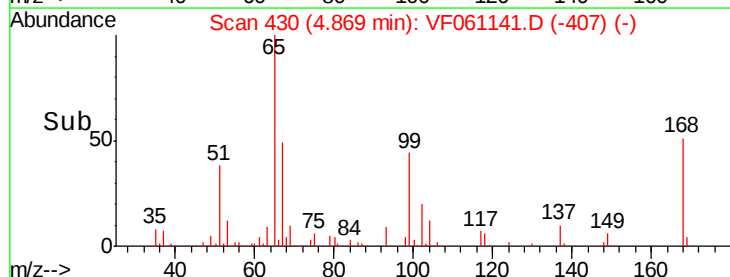
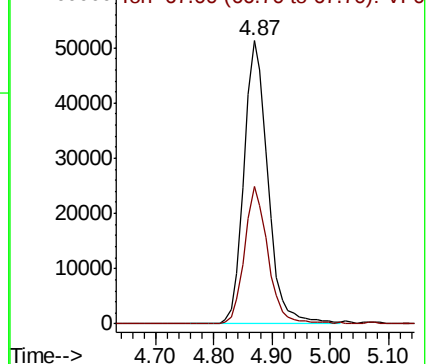
Ion Ratio Lower Upper

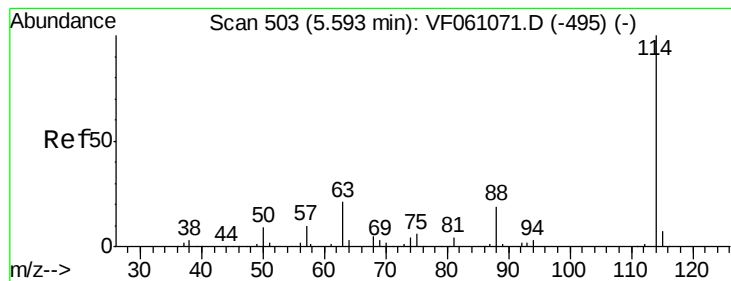
65 100

67 48.5 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.03 min

Lab File: VF061141.D

Acq: 22 Dec 2018 13:29

Instrument :

MSVOA_F

ClientSampleId :

VF1222SBL01

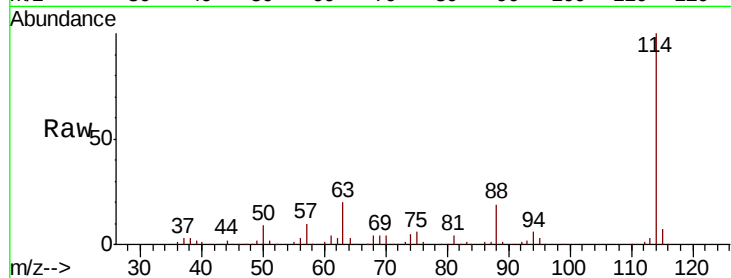
Tgt Ion:114 Resp: 399662

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

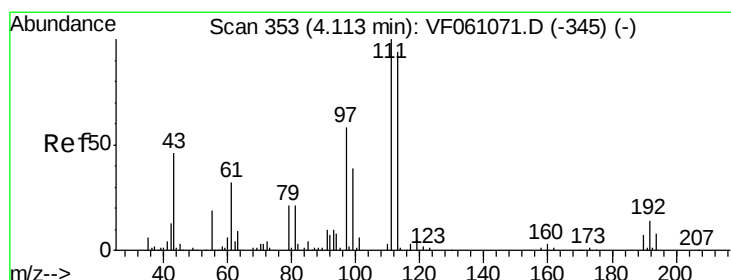
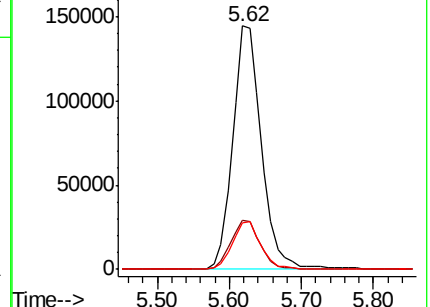
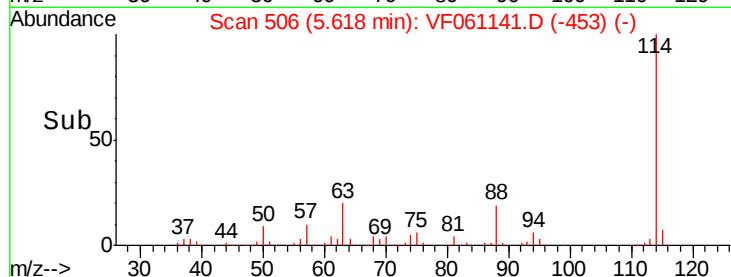
88 19.3 0.0 38.0



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: 52.421 ug/l

RT: 4.14 min Scan# 356

Delta R.T. 0.03 min

Lab File: VF061141.D

Acq: 22 Dec 2018 13:29

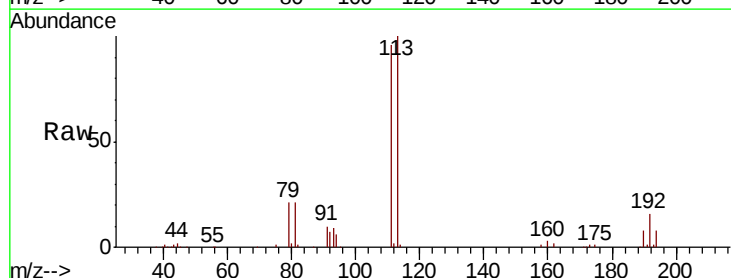
Tgt Ion:113 Resp: 167826

Ion Ratio Lower Upper

113 100

111 96.4 85.2 127.8

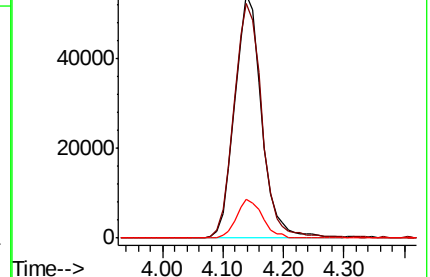
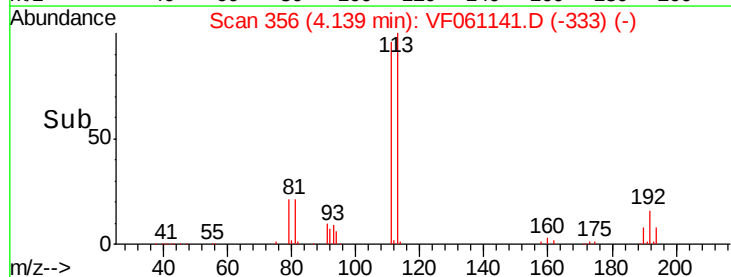
192 16.0 12.8 19.2

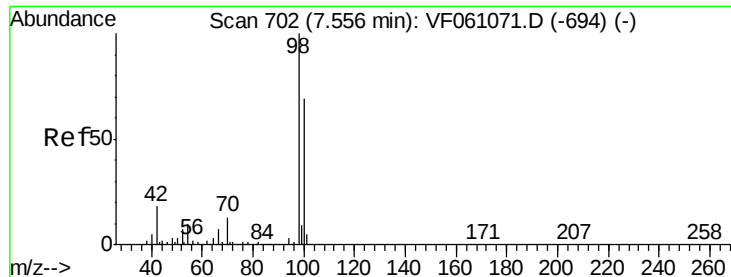


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

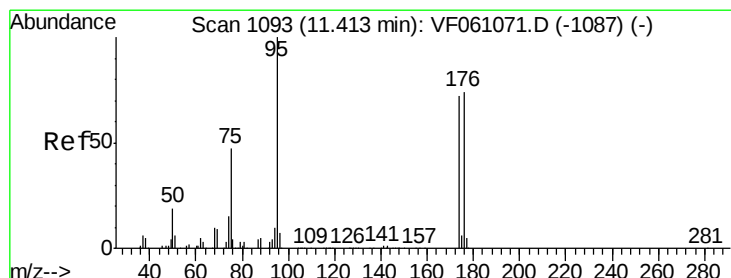
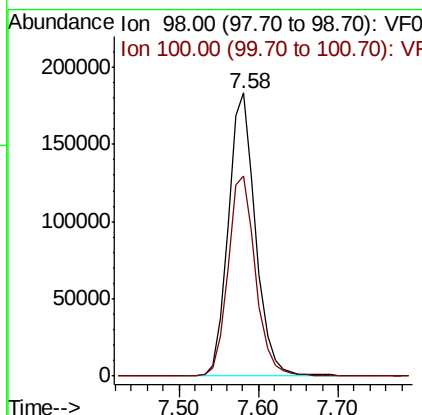
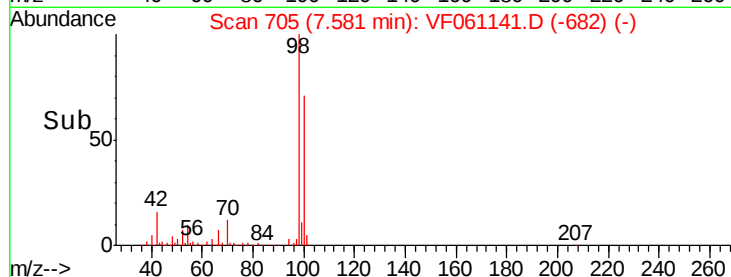
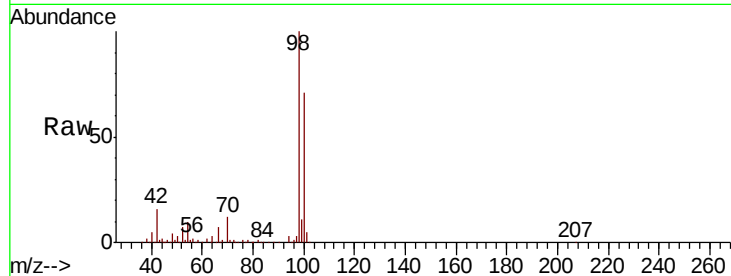




#50
Toluene-d8
Concen: 48.306 ug/l
RT: 7.58 min Scan# 705
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

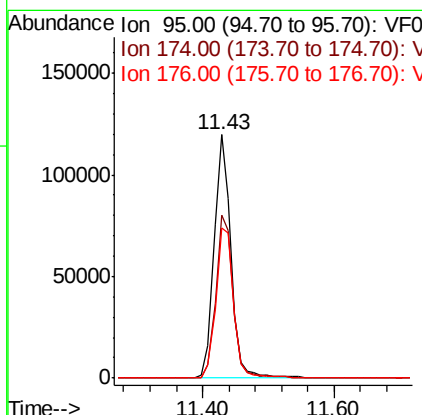
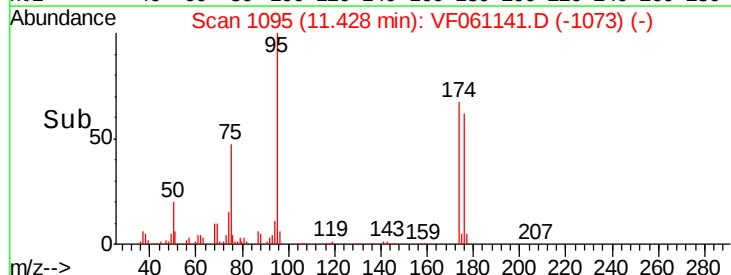
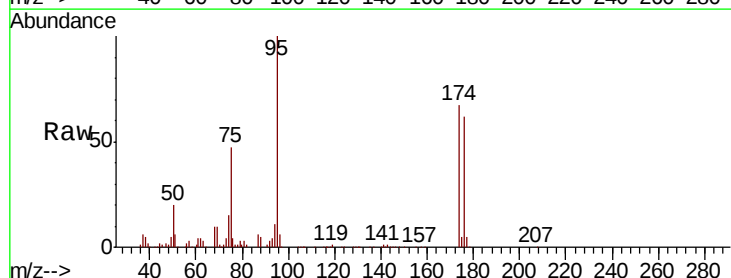
Instrument :
MSVOA_F
ClientSampleId :
VF1222SBL01

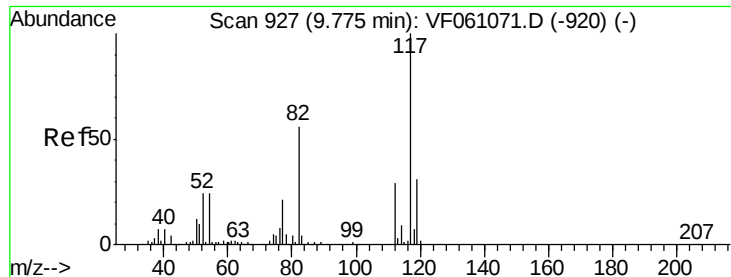
Tgt Ion: 98 Resp: 438270
Ion Ratio Lower Upper
98 100
100 70.7 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 50.057 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 95 Resp: 209370
Ion Ratio Lower Upper
95 100
174 66.7 0.0 143.8
176 61.8 0.0 147.6

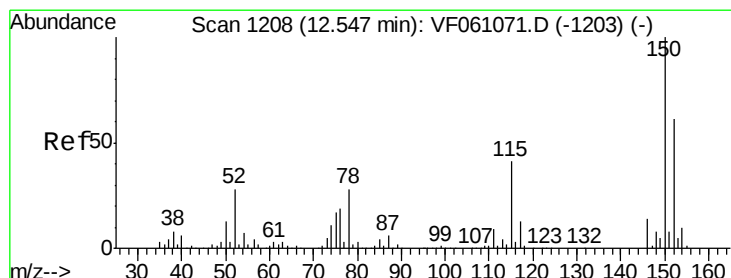
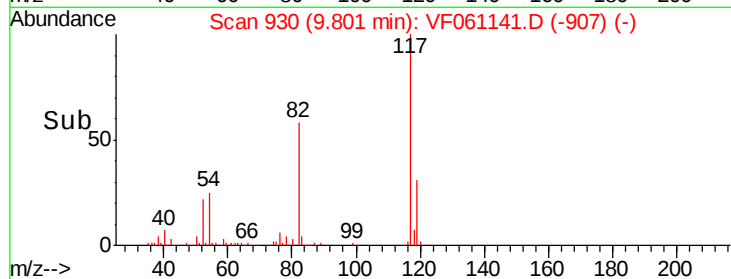
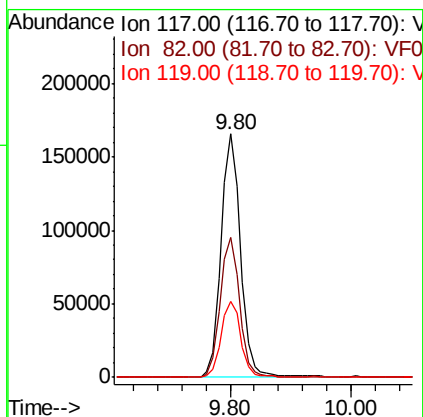
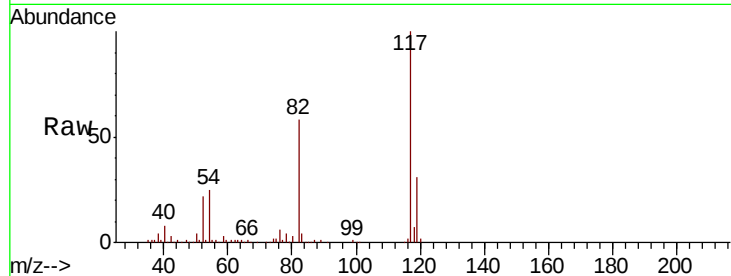




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
VF1222SBL01

Tgt Ion:117 Resp: 372532
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 31.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion:152 Resp: 204208
Ion Ratio Lower Upper
152 100
115 55.7 33.3 99.9
150 147.1 0.0 328.2

