

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
 Data File : VF061007.D
 Acq On : 12 Dec 2018 20:40
 Operator : VA/AP
 Sample : J6303-01RE
 Misc : 3.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NR38-G1-110718RE

Quant Time: Dec 13 02:53:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	225686	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	387450	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.76	117	298850	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	110788	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	111175	41.82	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	83.64%	
35) Dibromofluoromethane	4.10	113	127536	41.49	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	82.98%	
50) Toluene-d8	7.54	98	283061	31.26	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	62.52%	
62) 4-Bromofluorobenzene	11.41	95	117773	28.62	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	57.24%	

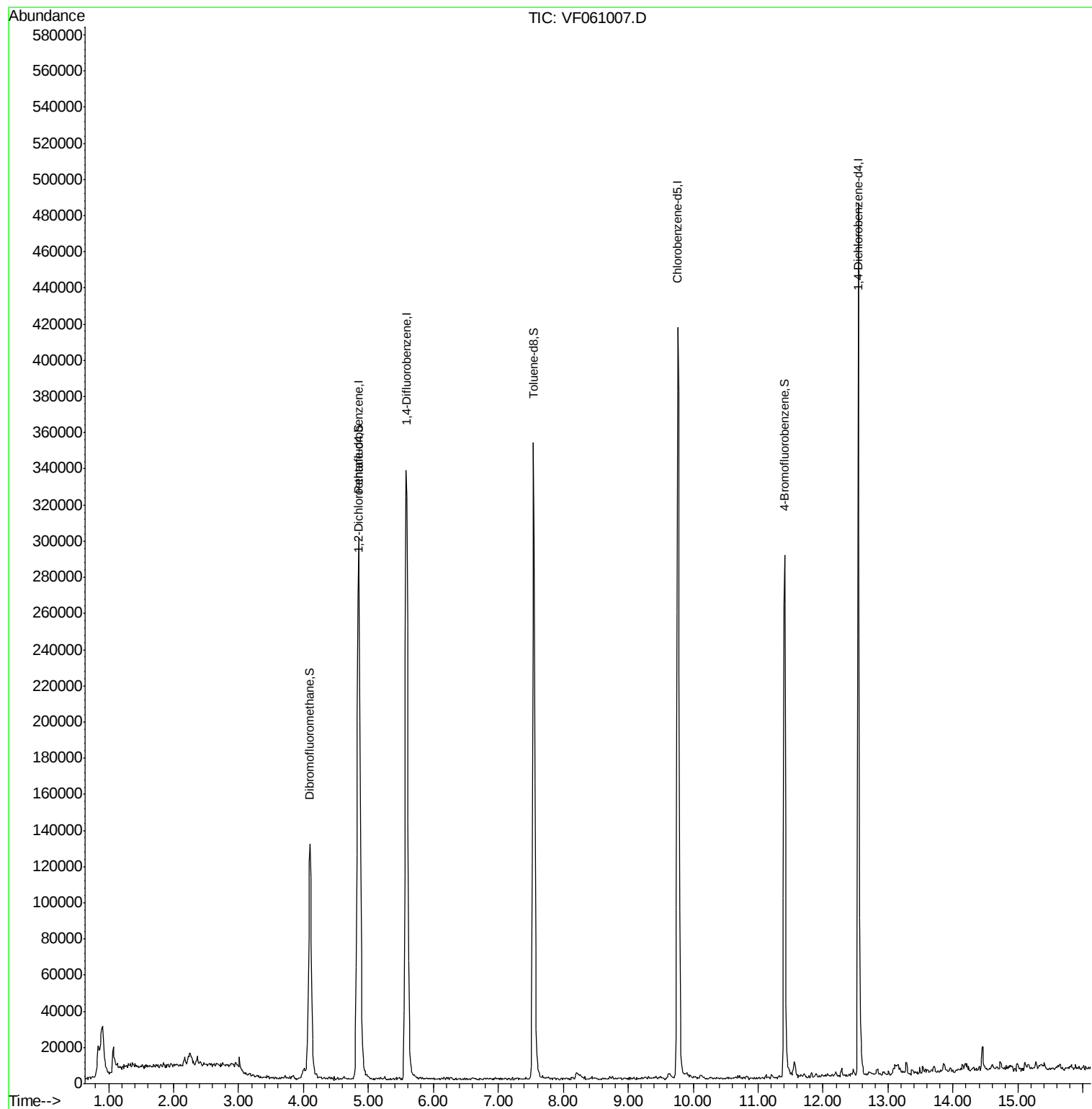
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061007.D

Acq: 12 Dec 2018 20:40

Instrument :

MSVOA_F

ClientSampleId :

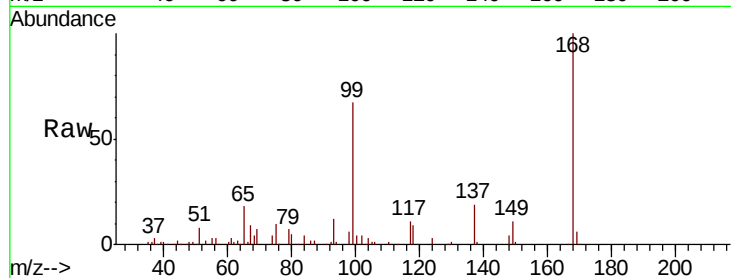
NR38-G1-110718RE

Tot Ion:168 Resp: 225686

Ion Ratio Lower Upper

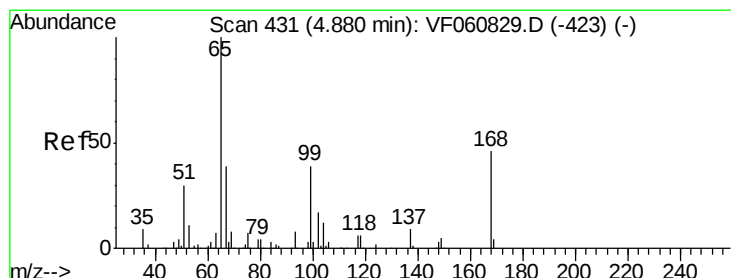
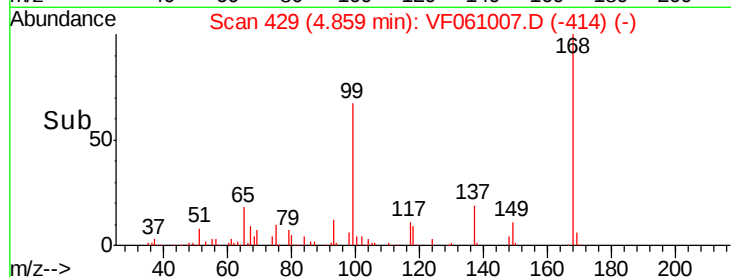
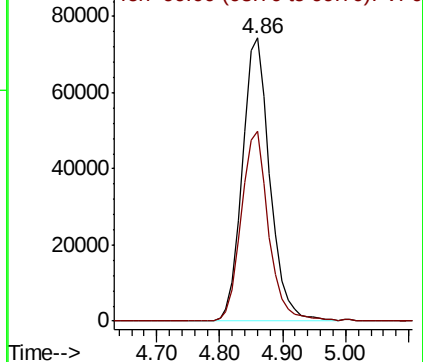
168 100

99 67.1 52.6 79.0



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: 41.816 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.05 min

Lab File: VF061007.D

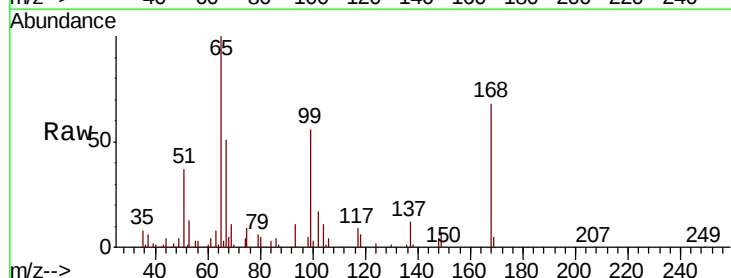
Acq: 12 Dec 2018 20:40

Tgt Ion: 65 Resp: 111175

Ion Ratio Lower Upper

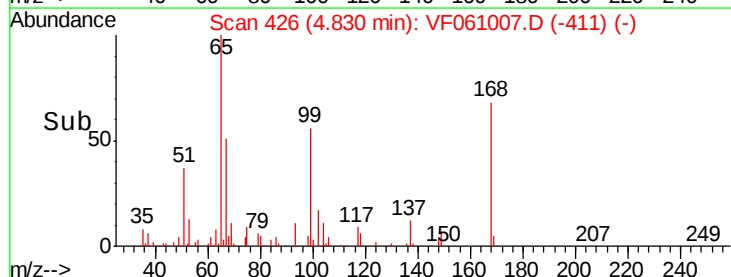
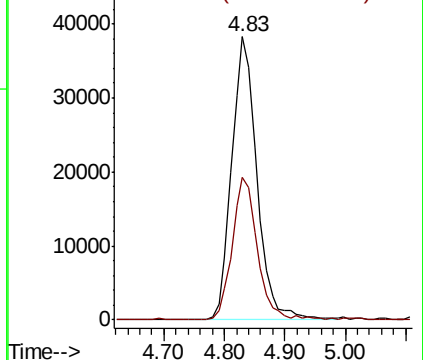
65 100

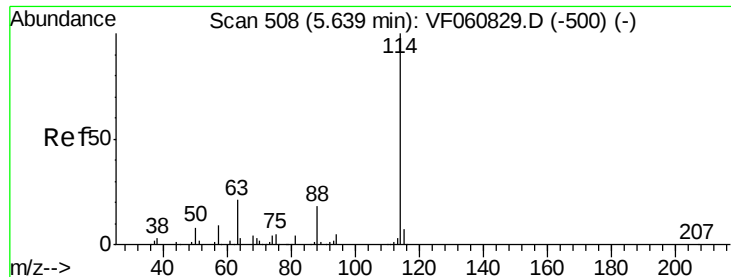
67 50.6 0.0 96.4



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. -0.05 min

Lab File: VF061007.D

Acq: 12 Dec 2018 20:40

Instrument :

MSVOA_F

ClientSampleId :

NR38-G1-110718RE

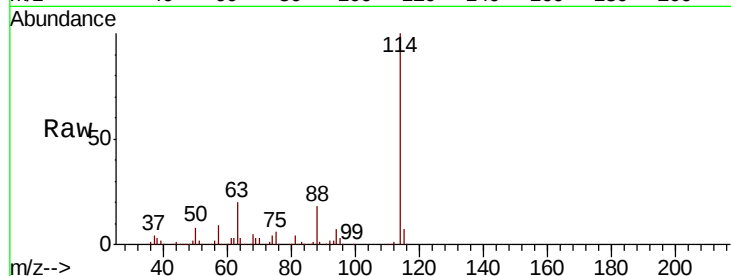
Tot Ion:114 Resp: 387450

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

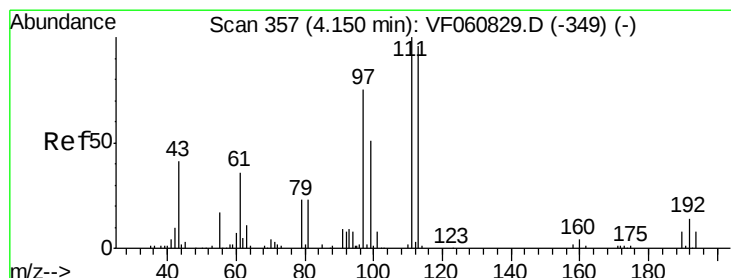
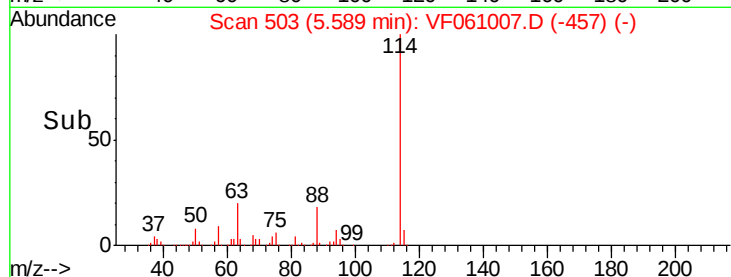
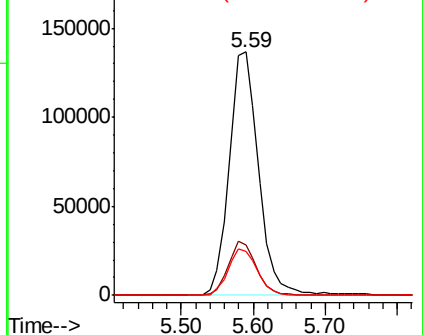
88 18.3 0.0 36.6



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: 41.492 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF061007.D

Acq: 12 Dec 2018 20:40

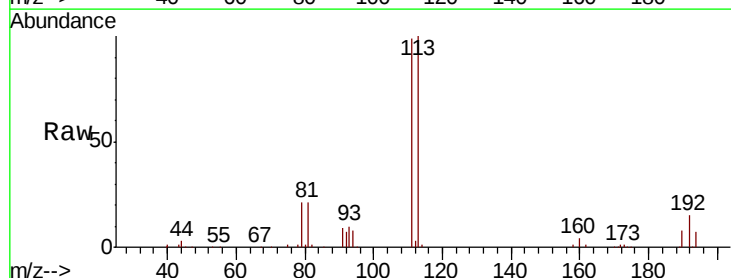
Tgt Ion:113 Resp: 127536

Ion Ratio Lower Upper

113 100

111 99.3 83.0 124.6

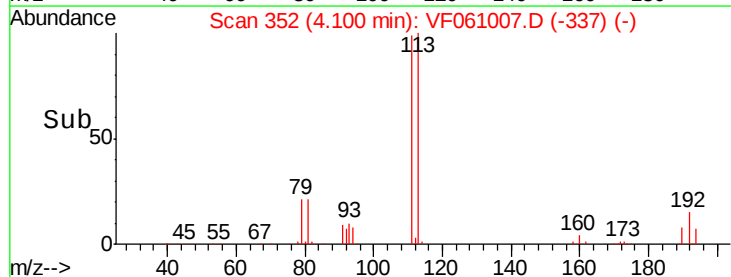
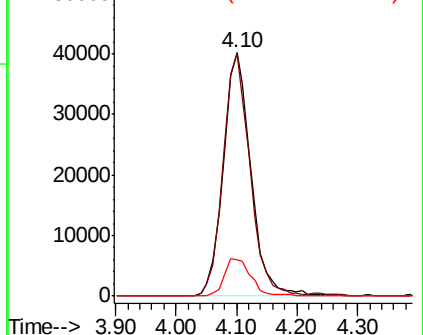
192 15.1 12.3 18.5

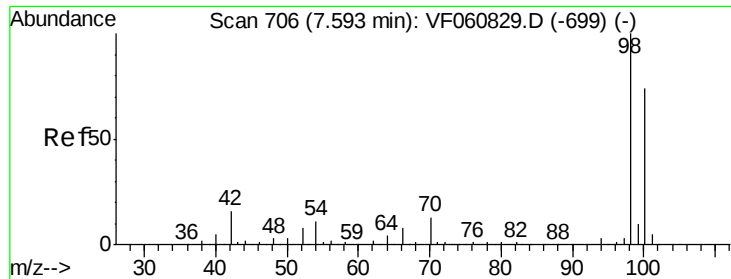


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

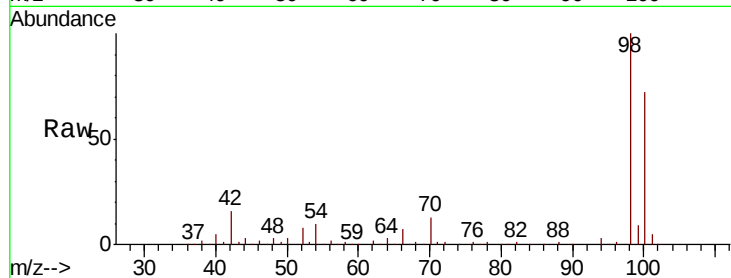




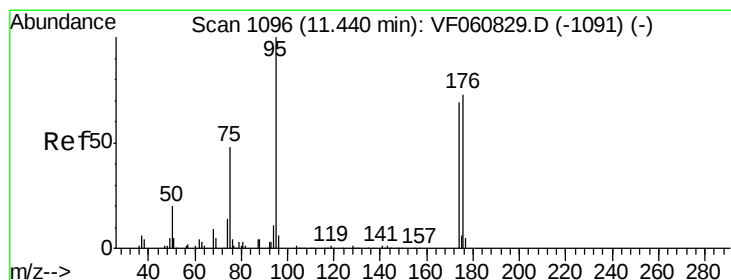
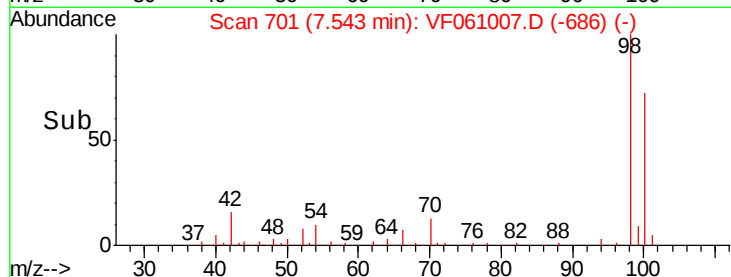
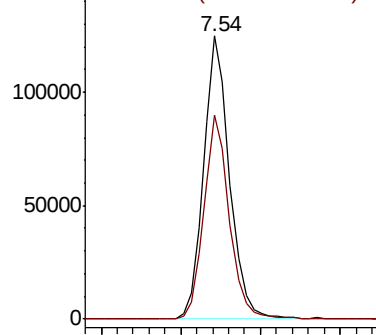
#50
Toluene-d8
Concen: 31.263 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061007.D
Acq: 12 Dec 2018 20:40

Instrument :
MSVOA_F
ClientSampleId :
NR38-G1-110718RE

Tot Ion: 98 Resp: 283061
Ion Ratio Lower Upper
98 100
100 72.3 59.3 88.9

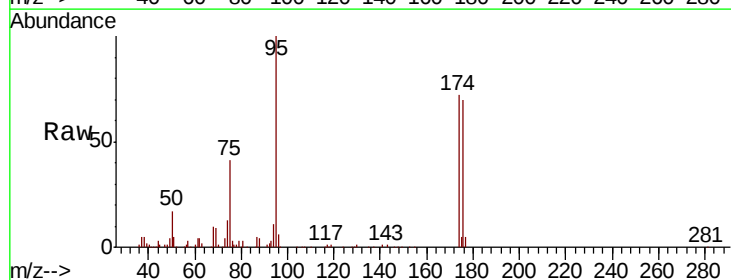


Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

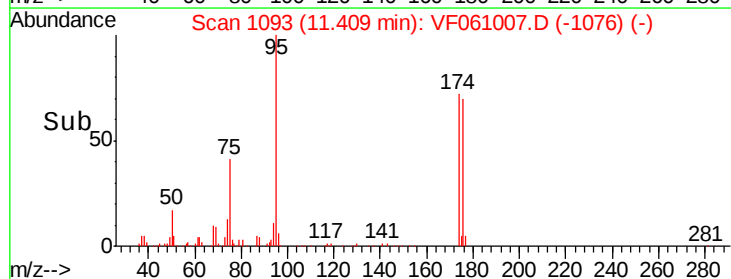
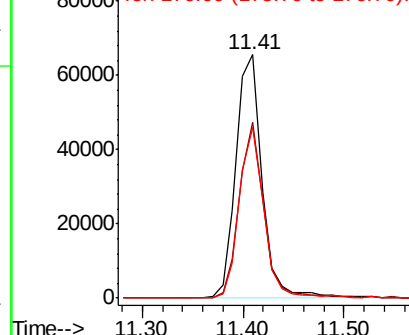


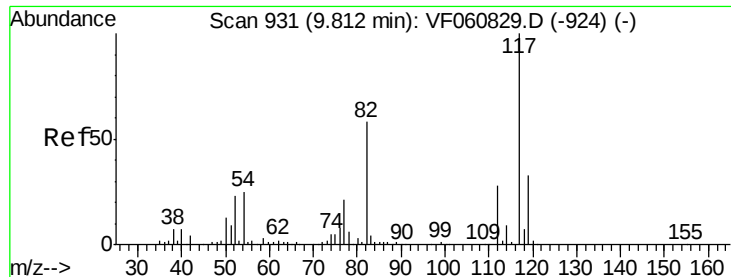
#62
4-Bromofluorobenzene
Concen: 28.620 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061007.D
Acq: 12 Dec 2018 20:40

Tgt Ion: 95 Resp: 117773
Ion Ratio Lower Upper
95 100
174 72.4 0.0 138.2
176 70.0 0.0 146.2



Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

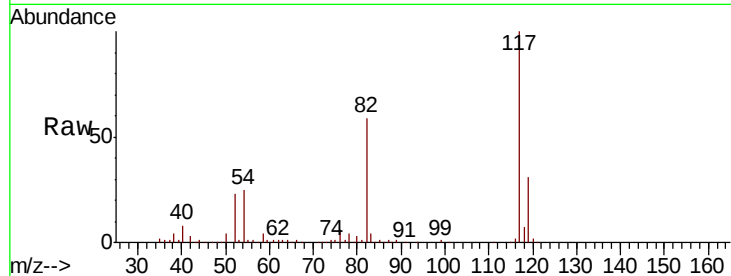




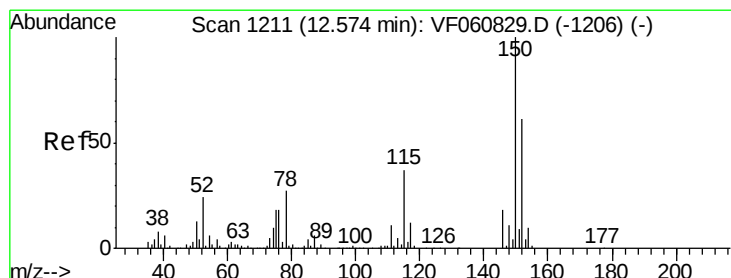
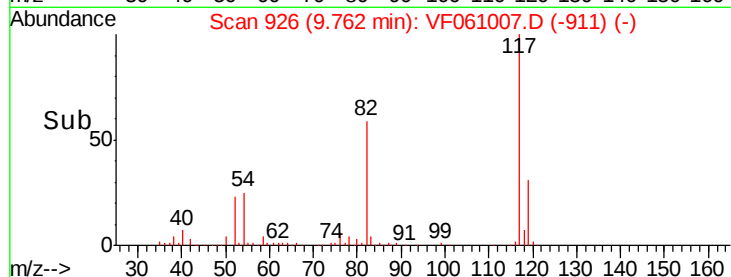
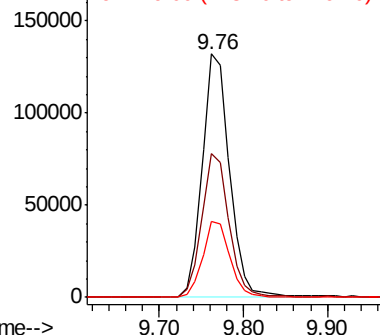
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061007.D
Acq: 12 Dec 2018 20:40

Instrument :
MSVOA_F
ClientSampleId :
NR38-G1-110718RE

Tot Ion:117 Resp: 298850
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 31.4 26.4 39.6

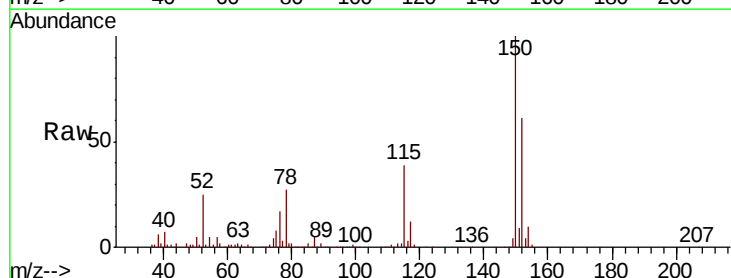


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061007.D
Acq: 12 Dec 2018 20:40

Tgt Ion:152 Resp: 110788
Ion Ratio Lower Upper
152 100
115 64.0 30.1 90.5
150 162.6 0.0 327.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

