

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061316.D
 Acq On : 10 Jan 2019 00:19
 Operator : VA/AP
 Sample : VF0109SBL02
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0109SBL02

Quant Time: Jan 10 07:07:56 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	4.89	168	208375	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	367549	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	348451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	185891	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	127697	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	
35) Dibromofluoromethane	4.13	113	151631	53.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.84%	
50) Toluene-d8	7.57	98	386533	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
62) 4-Bromofluorobenzene	11.42	95	187854	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

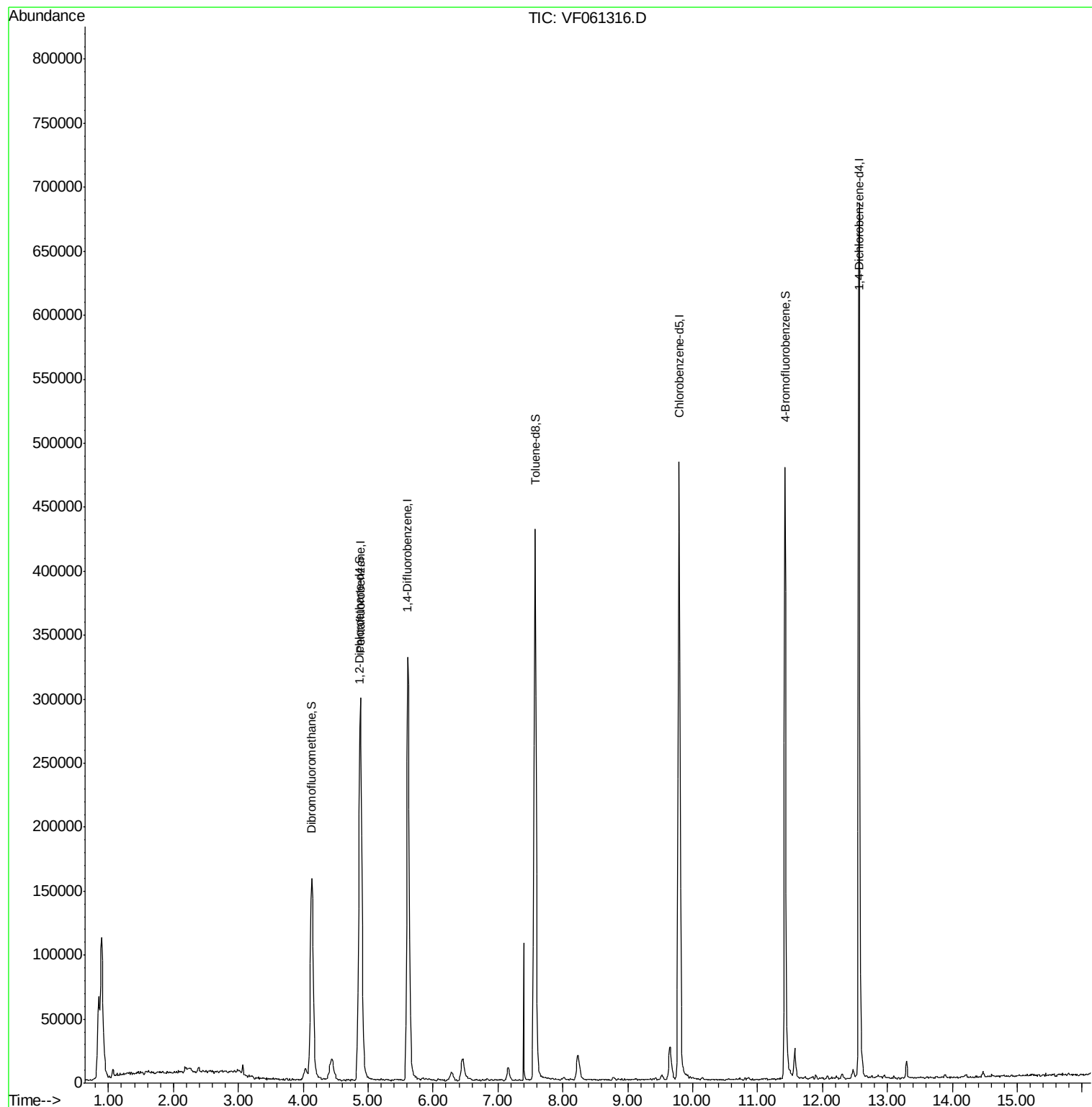
Target Compounds	Qvalue

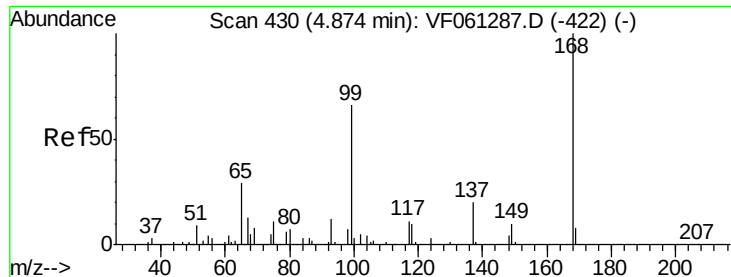
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061316.D

Acq: 10 Jan 2019 00:19

Instrument :

MSVOA_F

ClientSampleId :

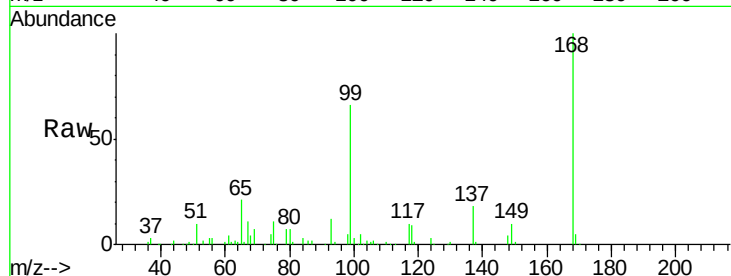
VF0109SBL02

Tot Ion:168 Resp: 208375

Ion Ratio Lower Upper

168 100

99 66.4 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

60000

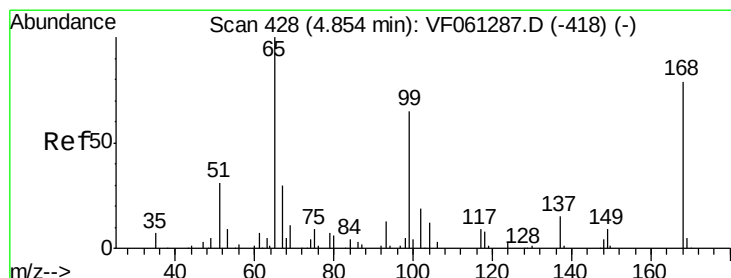
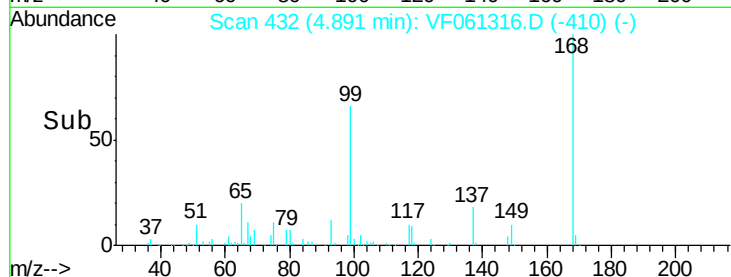
40000

20000

0

Time-->

4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 55.058 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF061316.D

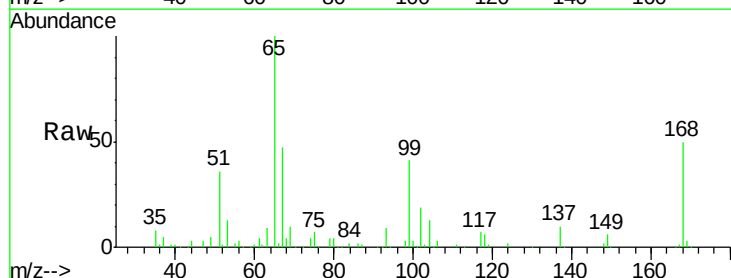
Acq: 10 Jan 2019 00:19

Tgt Ion: 65 Resp: 127697

Ion Ratio Lower Upper

65 100

67 47.3 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

50000

40000

30000

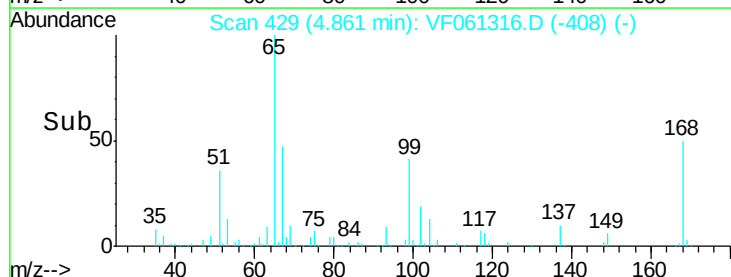
20000

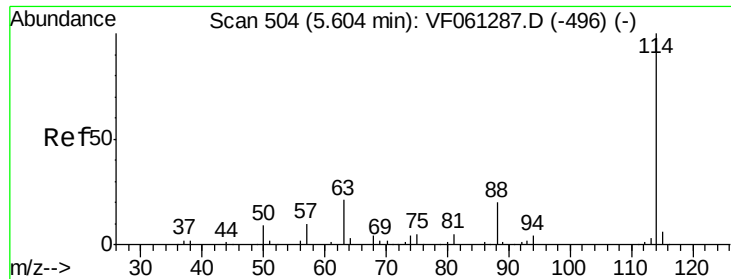
10000

0

Time-->

4.70 4.80 4.90 5.00

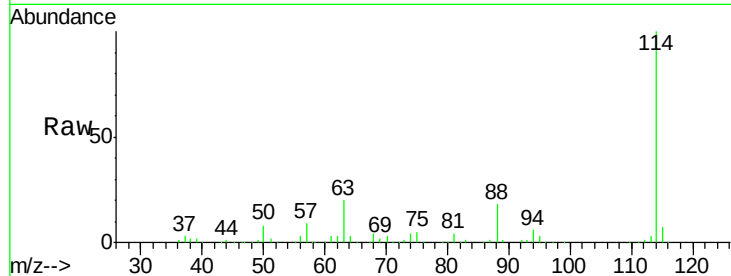




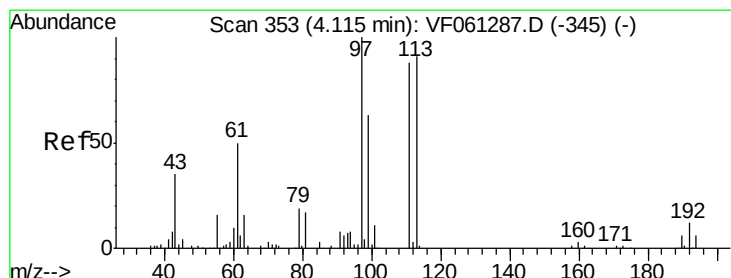
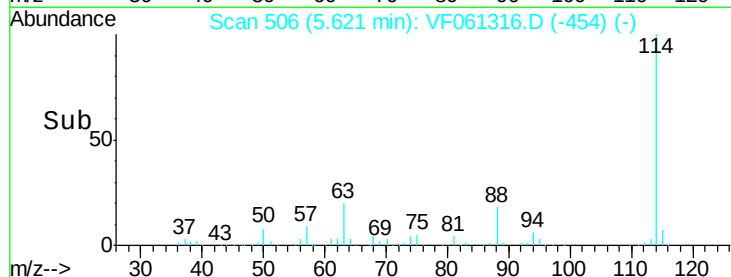
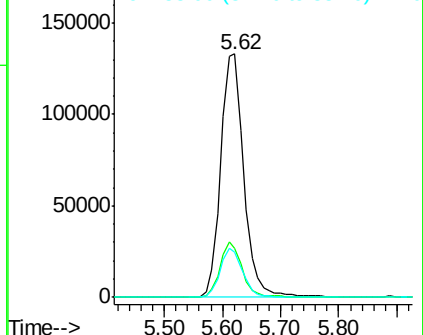
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.02 min
Lab File: VF061316.D
Acq: 10 Jan 2019 00:19

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBL02

Tot Ion:114 Resp: 367549
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.8
88 18.3 0.0 40.0

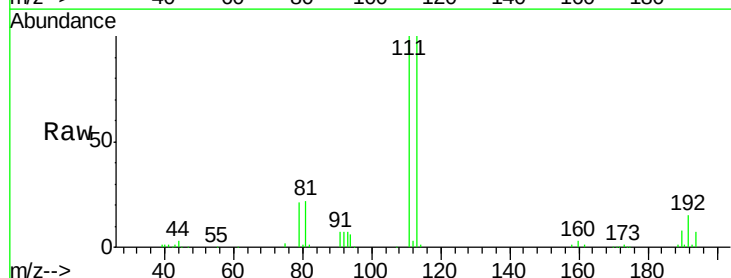


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

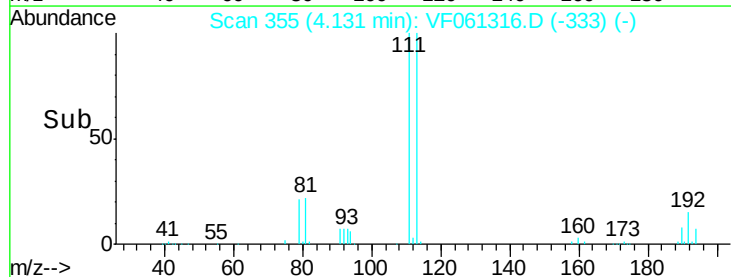
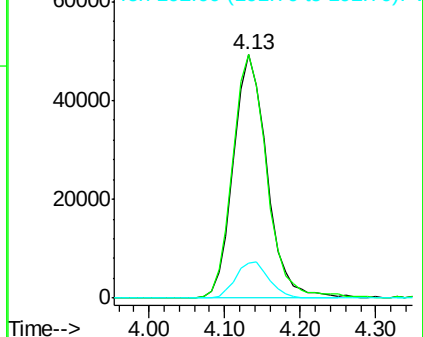


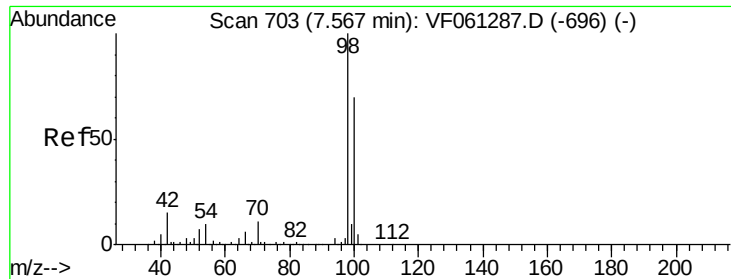
#35
Dibromofluoromethane
Concen: 53.916 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061316.D
Acq: 10 Jan 2019 00:19

Tgt Ion:113 Resp: 151631
Ion Ratio Lower Upper
113 100
111 100.2 78.0 117.0
192 15.4 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

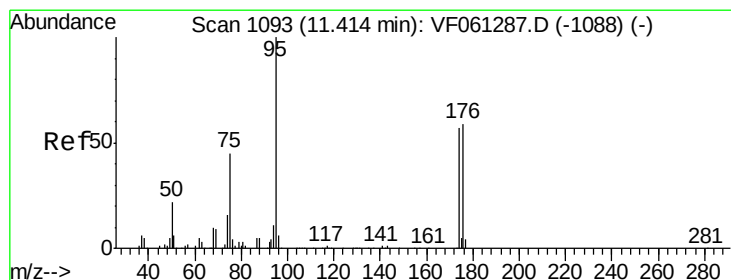
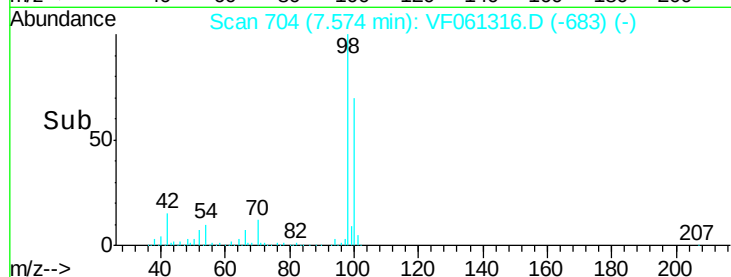
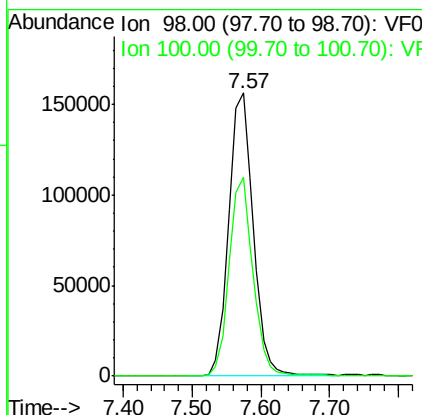
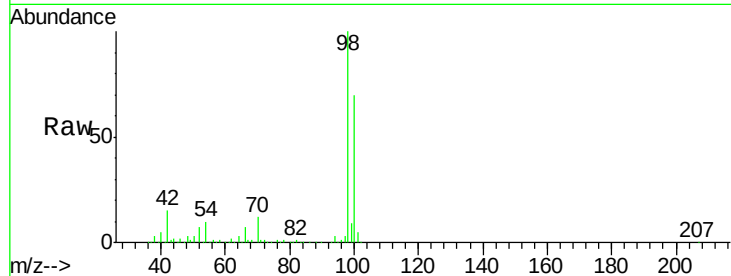




#50
Toluene-d8
Concen: 46.445 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF061316.D
Acq: 10 Jan 2019 00:19

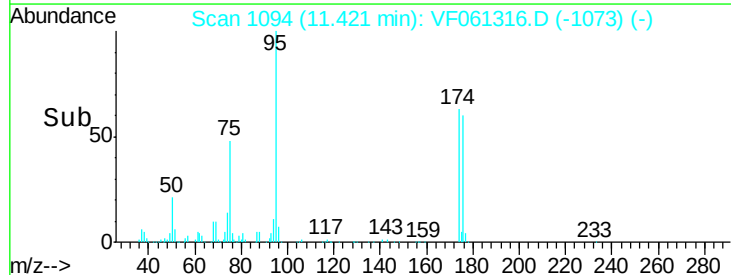
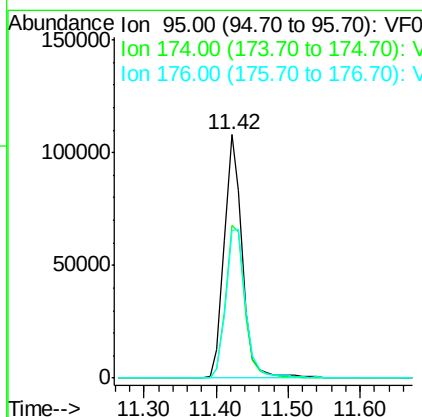
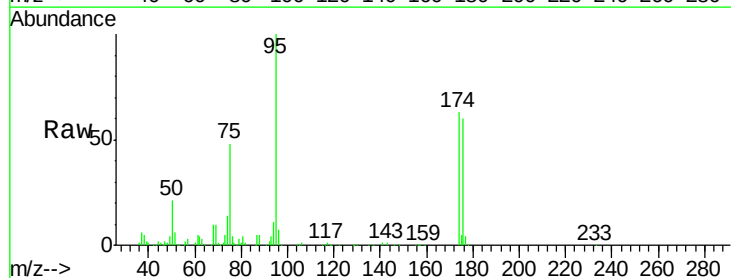
Instrument :
MSVOA_F
ClientSampleId :
VF0109SBL02

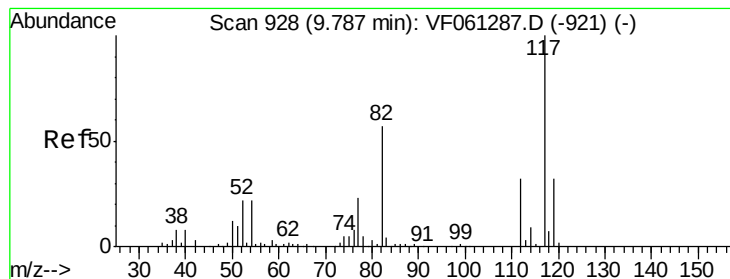
Tot Ion: 98 Resp: 386533
Ion Ratio Lower Upper
98 100
100 70.1 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 51.692 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061316.D
Acq: 10 Jan 2019 00:19

Tgt Ion: 95 Resp: 187854
Ion Ratio Lower Upper
95 100
174 62.7 0.0 114.2
176 60.4 0.0 117.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.79 min Scan# 929

Delta R.T. 0.01 min

Lab File: VF061316.D

Acq: 10 Jan 2019 00:19

Instrument :

MSVOA_F

ClientSampleId :

VF0109SBL02

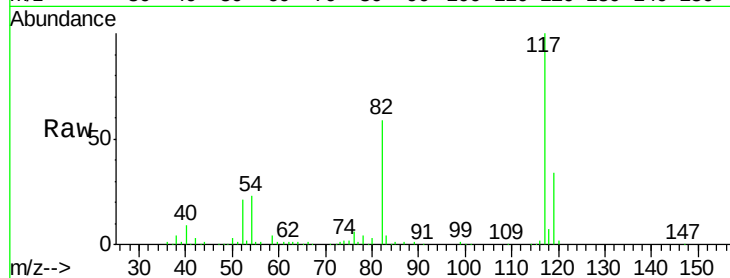
Tot Ion:117 Resp: 348451

Ion Ratio Lower Upper

117 100

82 59.2 45.3 67.9

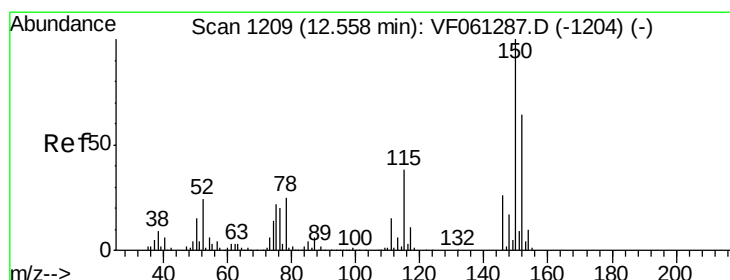
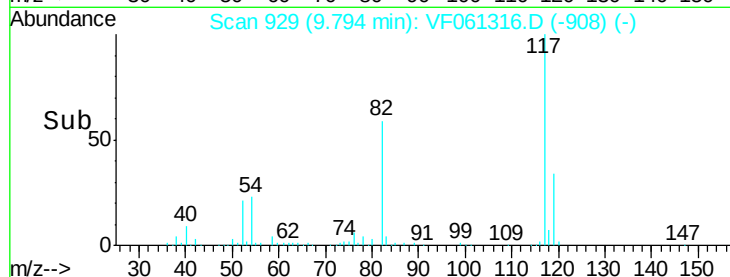
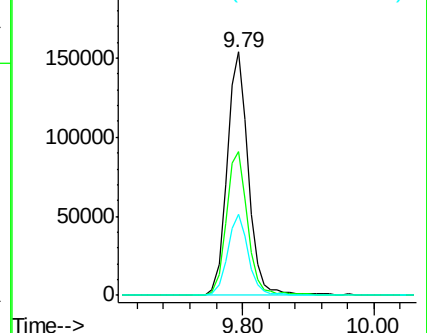
119 33.5 25.4 38.0



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: 12.57 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF061316.D

Acq: 10 Jan 2019 00:19

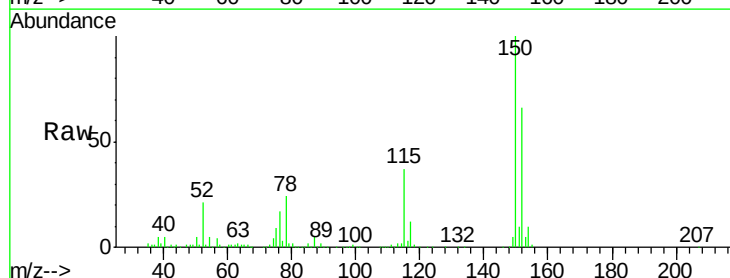
Tgt Ion:152 Resp: 185891

Ion Ratio Lower Upper

152 100

115 56.7 29.6 88.9

150 152.3 0.0 315.4



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

