

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\
 Data File : VF059618.D
 Acq On : 23 Jul 2018 17:03
 Operator : VA/AP
 Sample : VF0723SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0723SBL01

Quant Time: Jul 24 08:13:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 04:17:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	284577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	399873	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	392543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	246836	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	215059	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	4.28	113	197272	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
50) Toluene-d8	7.70	98	460742	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.51	95	249260	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

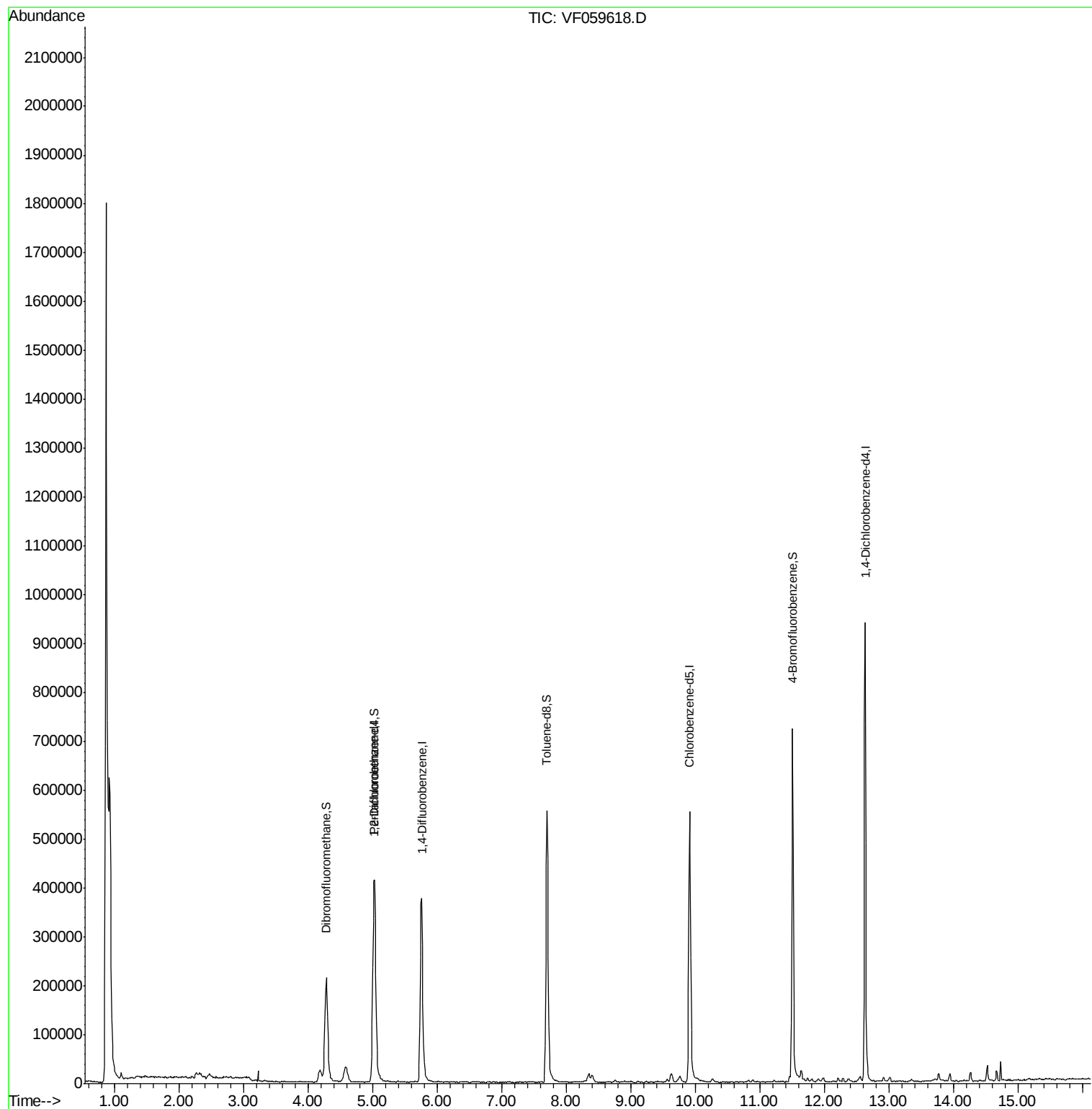
Target Compounds	Qvalue

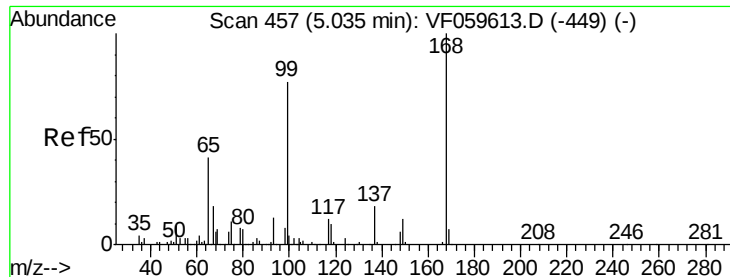
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072318\
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Quant Title : SW846 8260
QLast Update : Tue Jul 24 04:17:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059618.D

Acq: 23 Jul 2018 17:03

Instrument :

MSVOA_F

ClientSampleId :

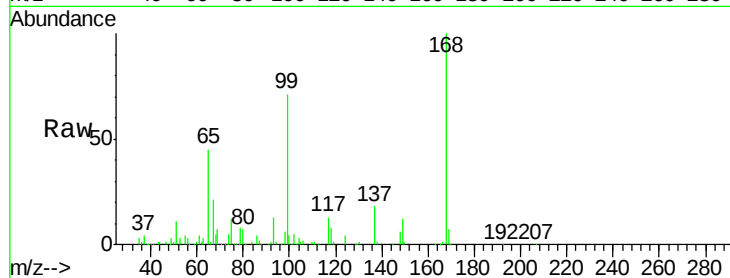
VF0723SBL01

Tot Ion:168 Resp: 284577

Ion Ratio Lower Upper

168 100

99 71.3 61.5 92.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

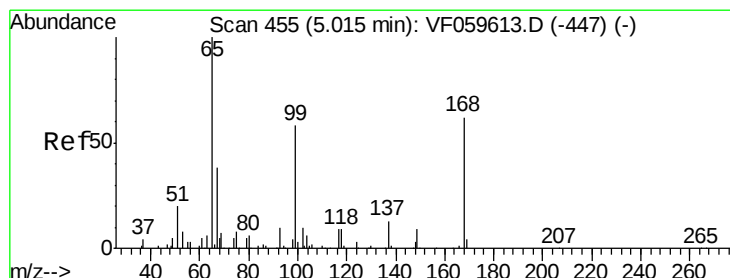
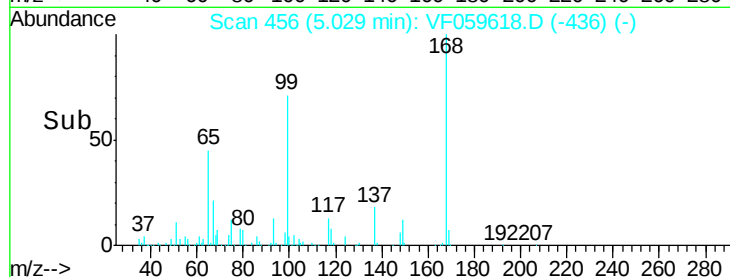
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.02 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059618.D

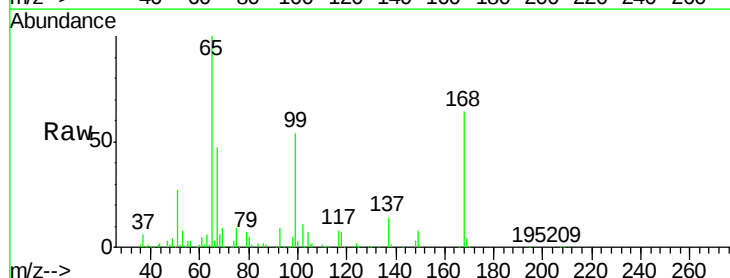
Acq: 23 Jul 2018 17:03

Tgt Ion: 65 Resp: 215059

Ion Ratio Lower Upper

65 100

67 47.2 0.0 83.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

80000

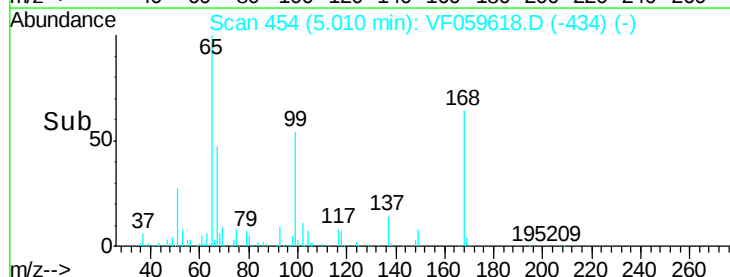
60000

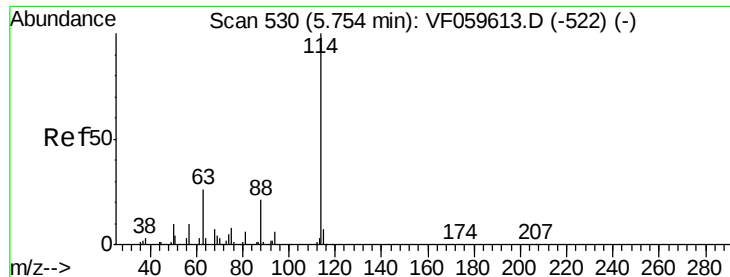
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF059618.D

Acq: 23 Jul 2018 17:03

Instrument :

MSVOA_F

ClientSampleId :

VF0723SBL01

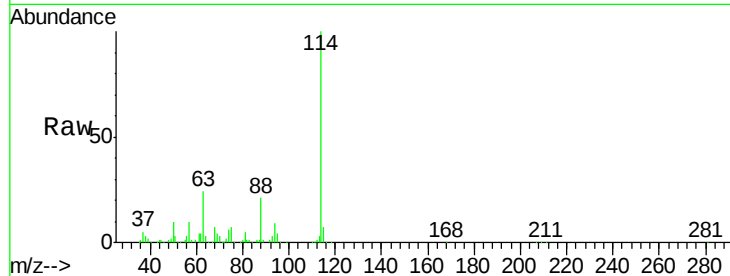
Tot Ion:114 Resp: 399873

Ion Ratio Lower Upper

114 100

63 23.6 0.0 51.8

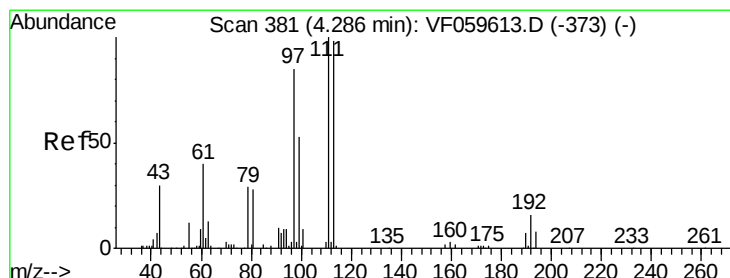
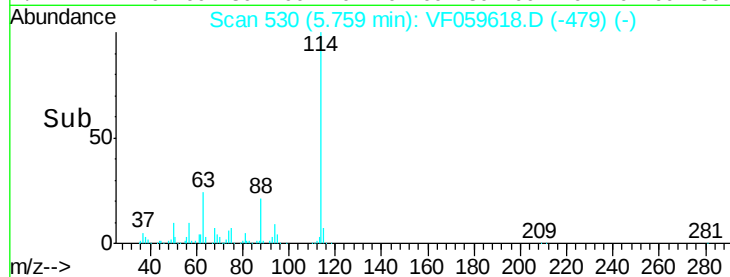
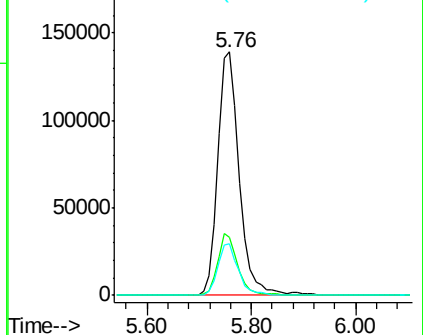
88 21.1 0.0 42.8



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: 53.47 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059618.D

Acq: 23 Jul 2018 17:03

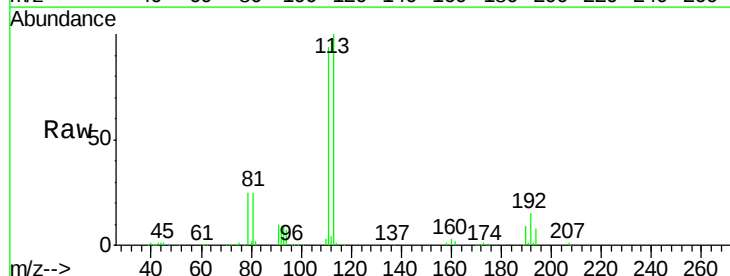
Tgt Ion:113 Resp: 197272

Ion Ratio Lower Upper

113 100

111 94.4 81.5 122.3

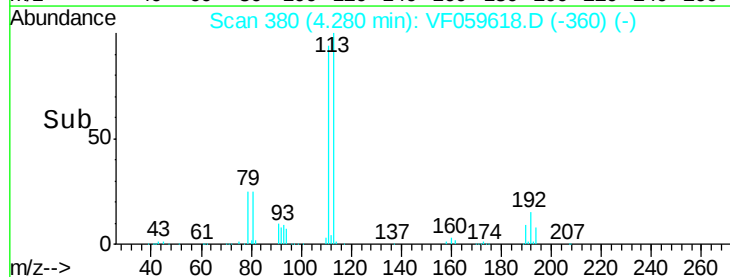
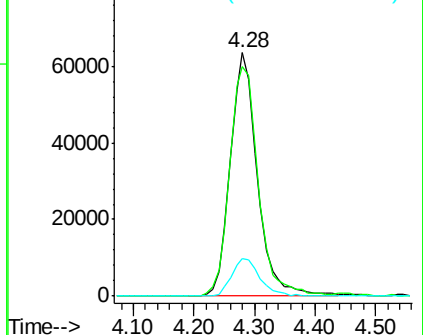
192 15.5 13.4 20.2

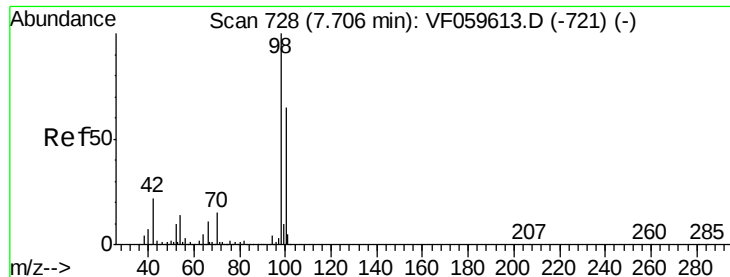


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

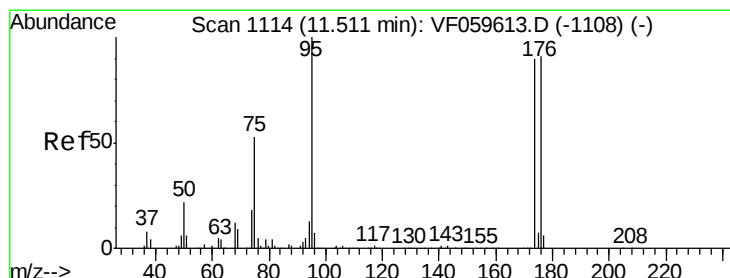
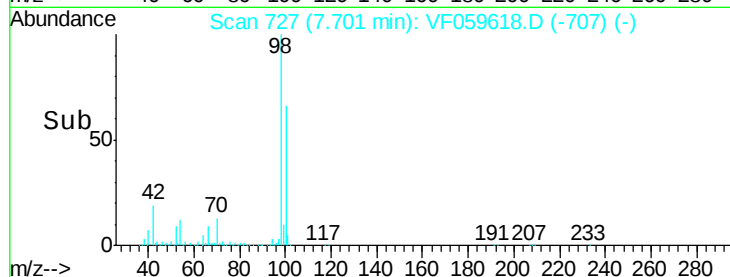
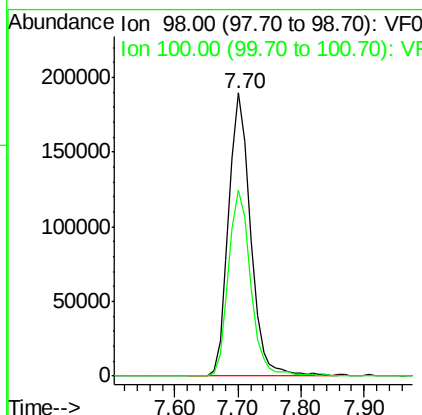
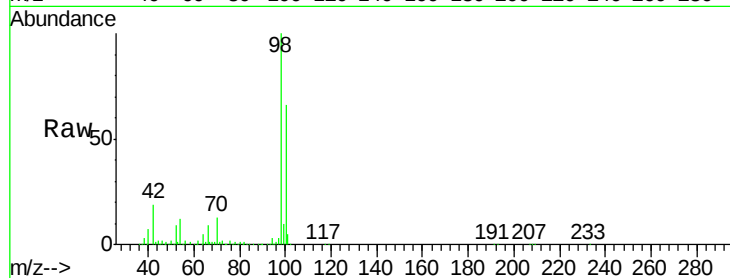




#50
Toluene-d8
Concen: 49.88 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059618.D
Acq: 23 Jul 2018 17:03

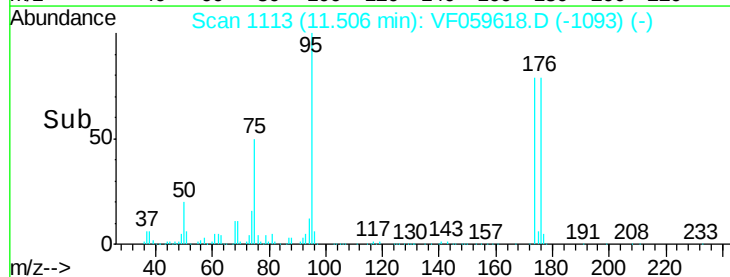
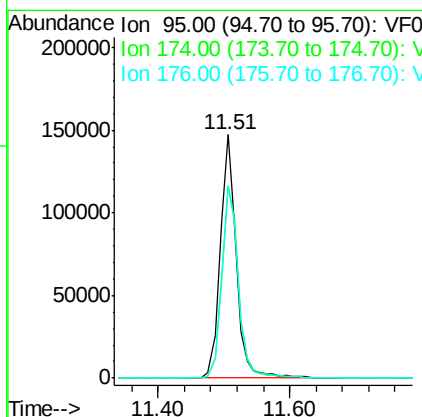
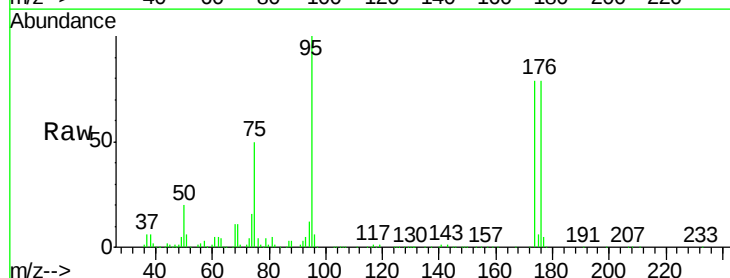
Instrument :
MSVOA_F
ClientSampleId :
VF0723SBL01

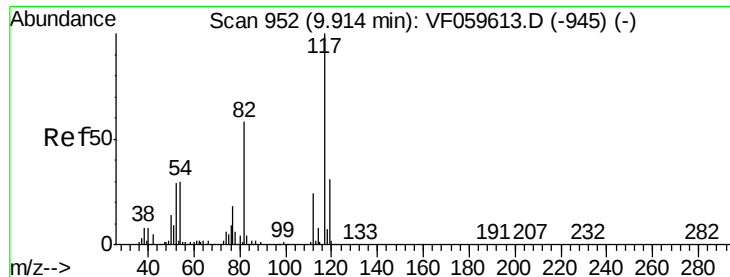
Tot Ion: 98 Resp: 460742
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.74 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059618.D
Acq: 23 Jul 2018 17:03

Tgt Ion: 95 Resp: 249260
Ion Ratio Lower Upper
95 100
174 78.9 0.0 180.6
176 79.2 0.0 182.4

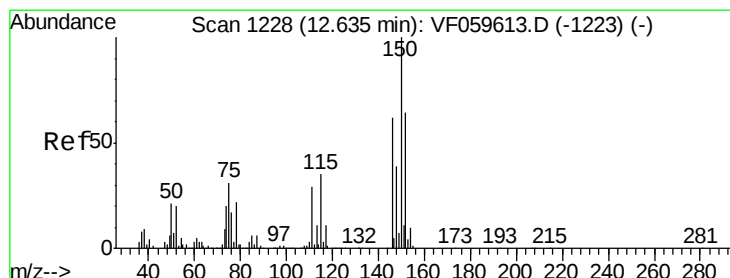
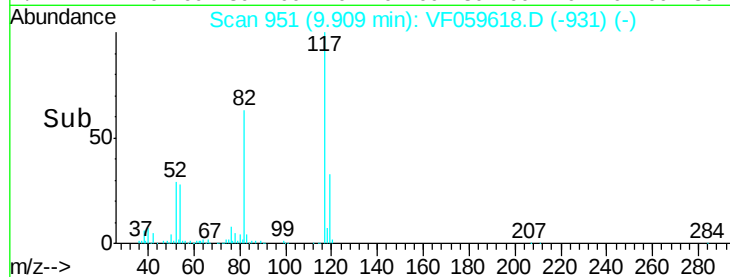
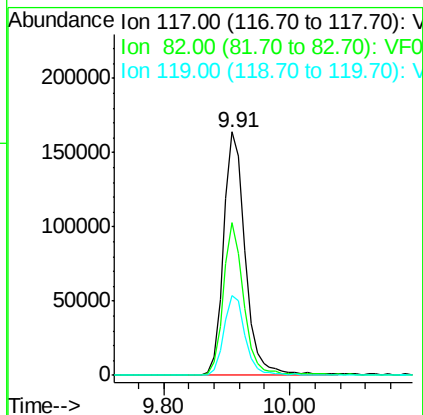
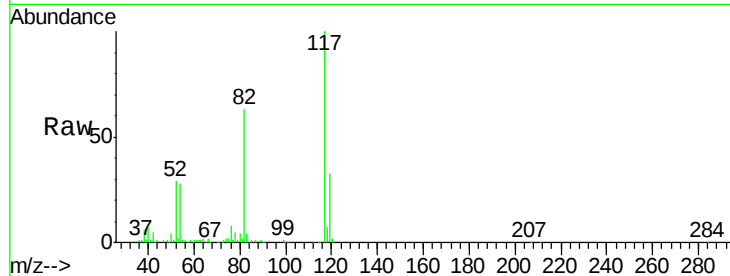




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059618.D
Acq: 23 Jul 2018 17:03

Instrument :
MSVOA_F
ClientSampleId :
VF0723SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.8	46.5	69.7
119	32.6	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059618.D
Acq: 23 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.4
150	151.9	0.0	314.6

