

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060658.D
 Acq On : 8 Nov 2018 19:14
 Operator : VA/AP
 Sample : J5859-01
 Misc : 5.65g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-23(6-8)

Quant Time: Nov 09 13:42:03 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	250568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	430952	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	411125	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	240495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	119066	47.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.06%	
35) Dibromofluoromethane	4.10	113	148795	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
50) Toluene-d8	7.54	98	335007	33.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.94%	
62) 4-Bromofluorobenzene	11.41	95	172190	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	

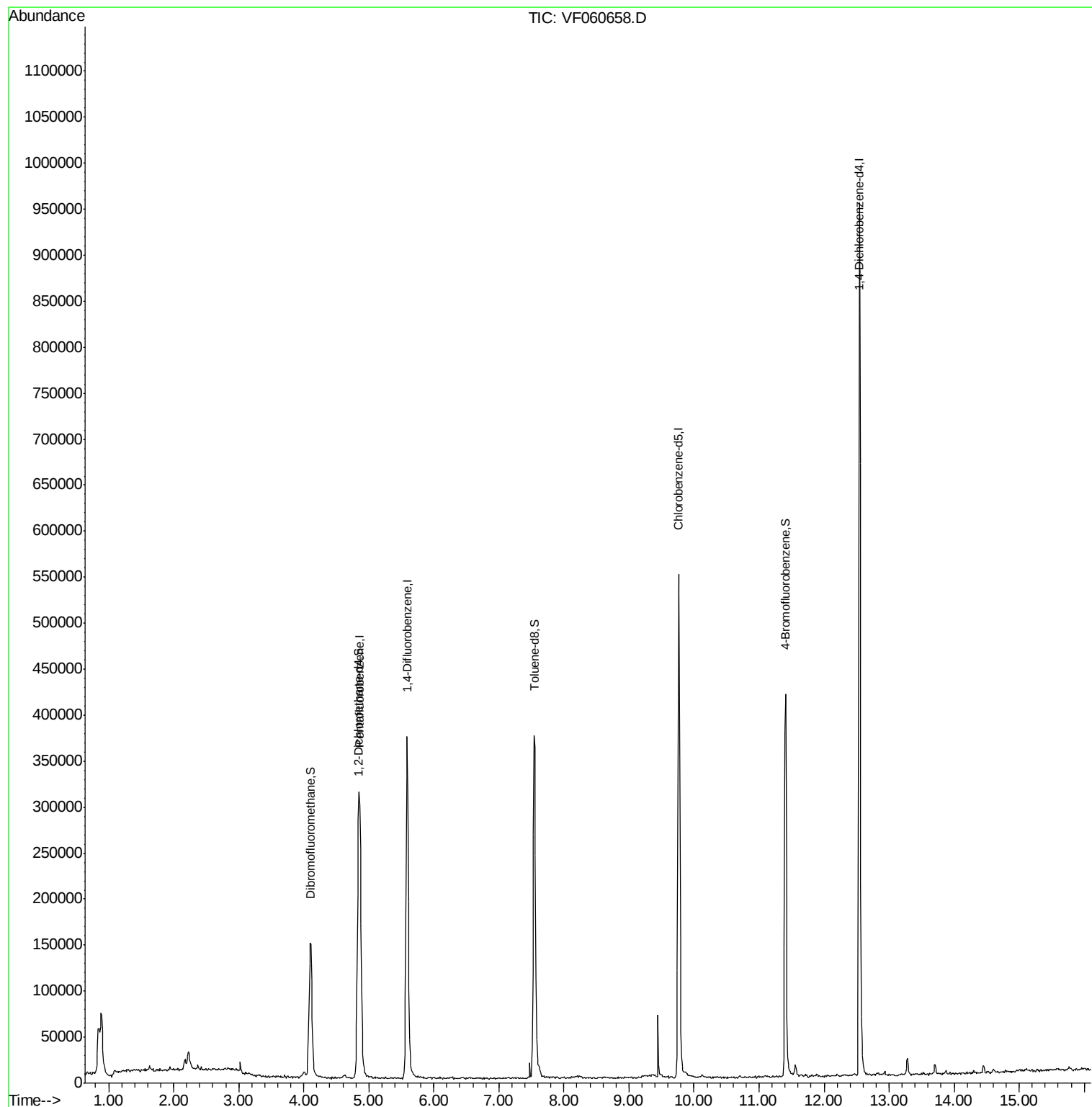
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060658.D

Acq: 8 Nov 2018 19:14

Instrument :

MSVOA_F

ClientSampleId :

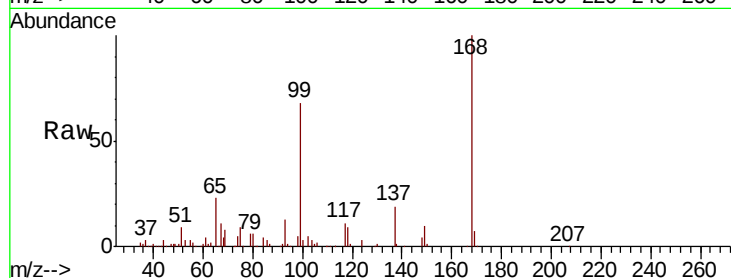
B-23(6-8)

Tot Ion:168 Resp: 250568

Ion Ratio Lower Upper

168 100

99 67.6 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

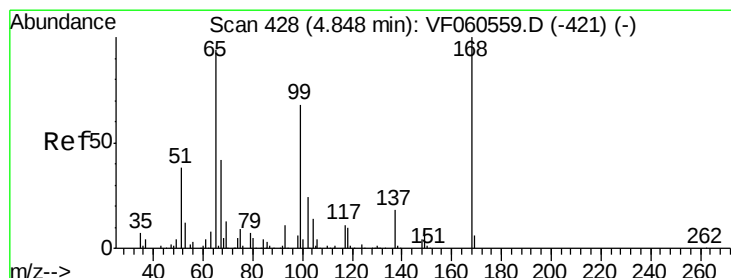
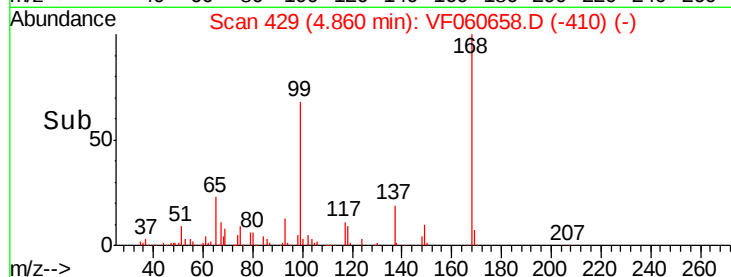
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 47.031 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060658.D

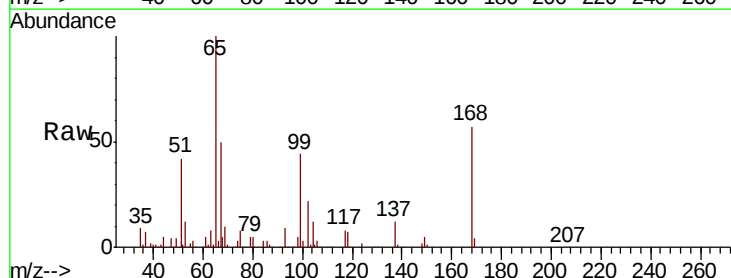
Acq: 8 Nov 2018 19:14

Tgt Ion: 65 Resp: 119066

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

30000

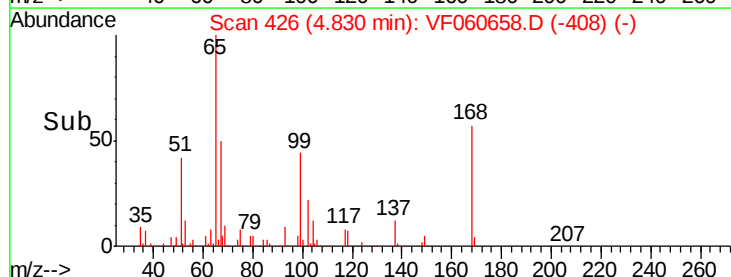
20000

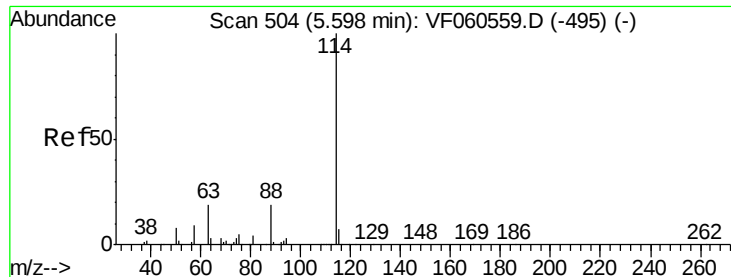
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF060658.D

Acq: 8 Nov 2018 19:14

Instrument :

MSVOA_F

ClientSampleId :

B-23(6-8)

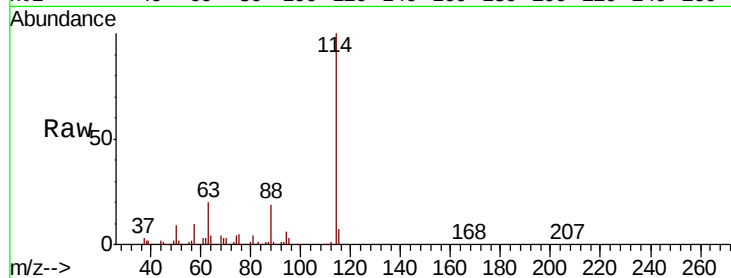
Tot Ion:114 Resp: 430952

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

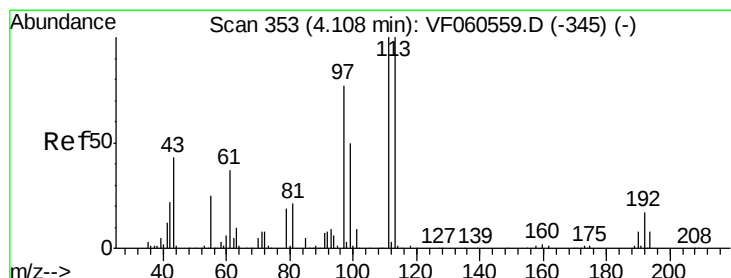
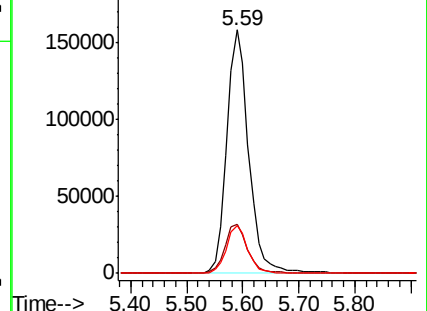
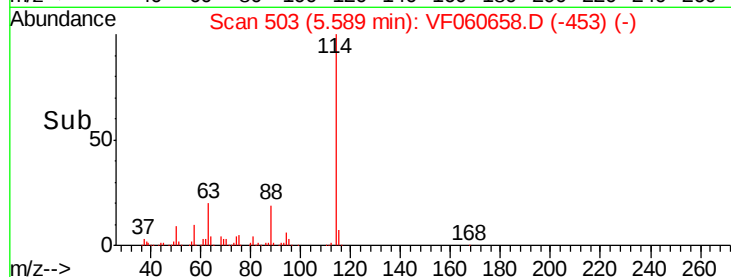
88 19.5 0.0 38.2



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: 44.690 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060658.D

Acq: 8 Nov 2018 19:14

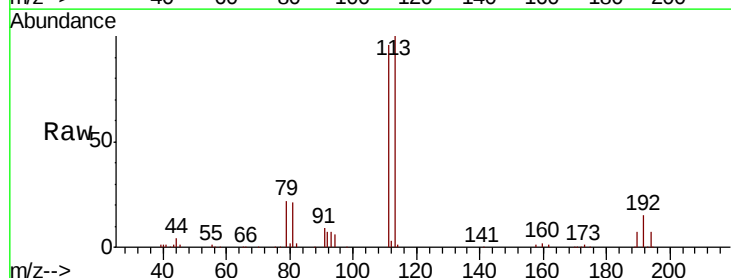
Tgt Ion:113 Resp: 148795

Ion Ratio Lower Upper

113 100

111 96.0 79.9 119.9

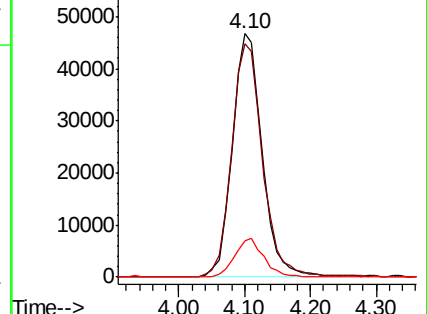
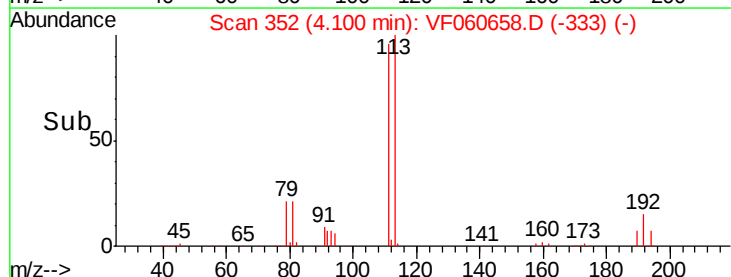
192 15.5 13.3 19.9



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

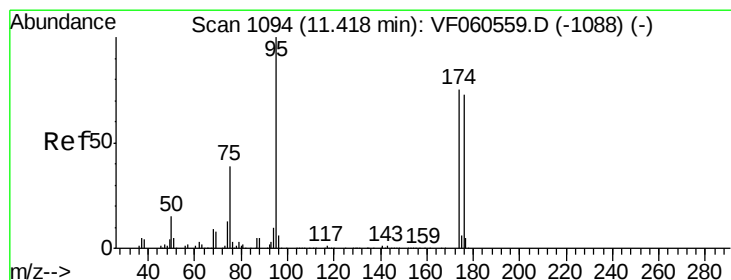
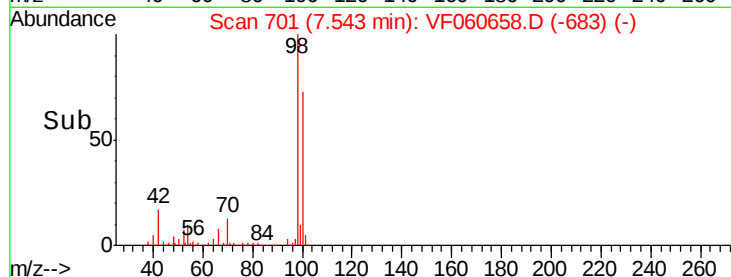
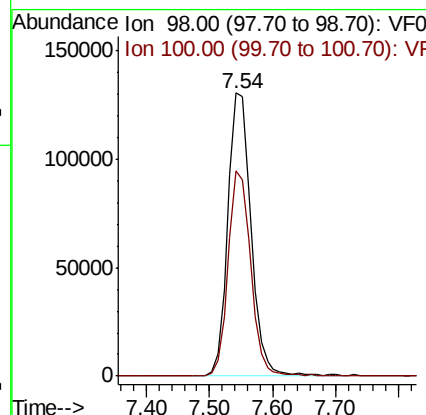
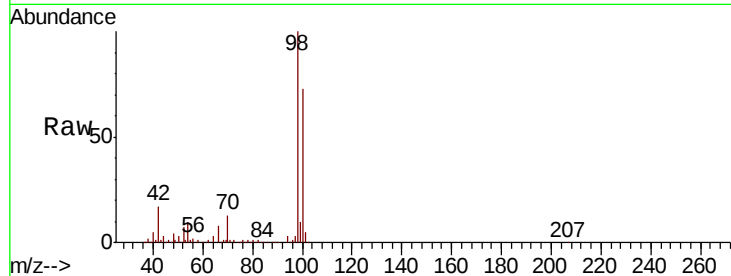




#50
Toluene-d8
Concen: 33.966 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

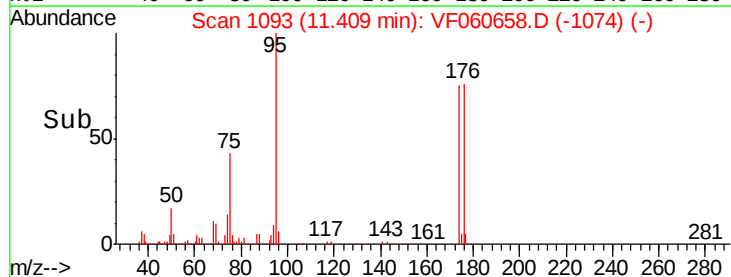
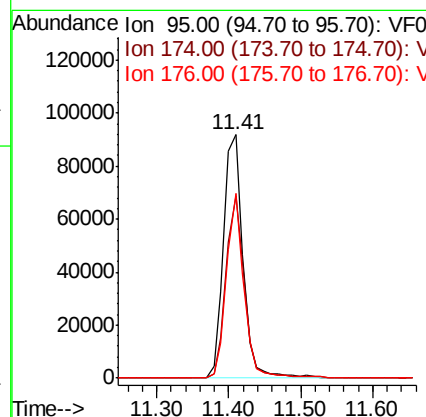
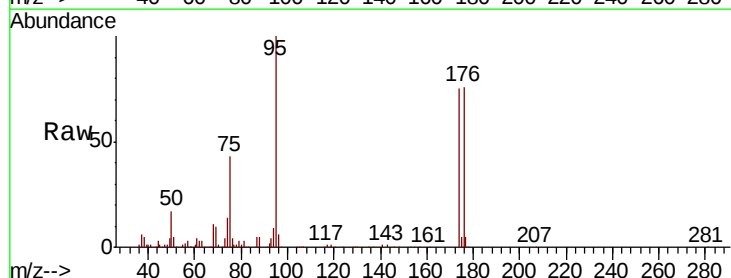
Instrument :
MSVOA_F
ClientSampled :
B-23(6-8)

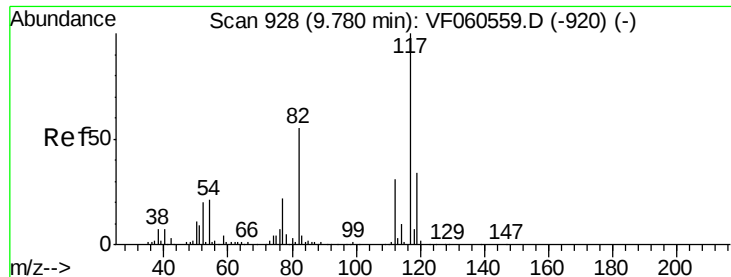
Tot Ion: 98 Resp: 335007
Ion Ratio Lower Upper
98 100
100 72.6 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 39.912 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 95 Resp: 172190
Ion Ratio Lower Upper
95 100
174 74.7 0.0 149.0
176 75.7 0.0 145.6

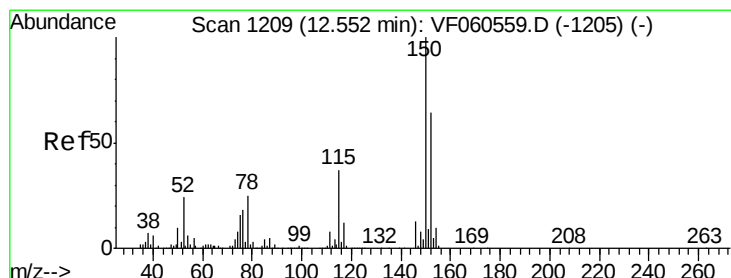
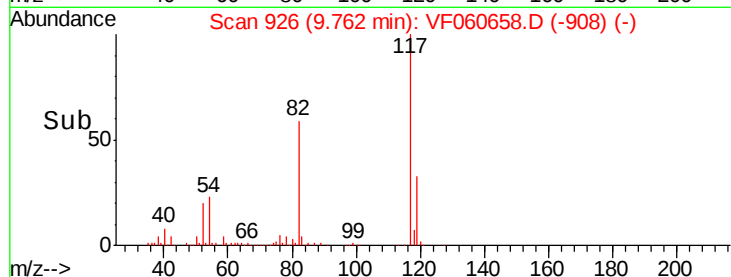
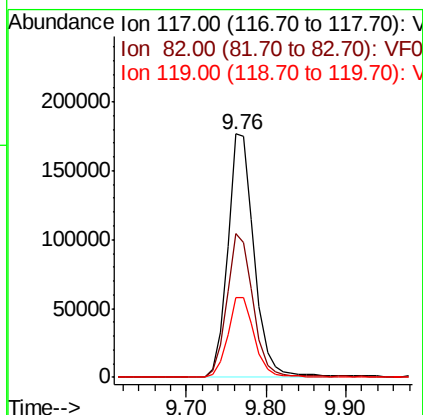
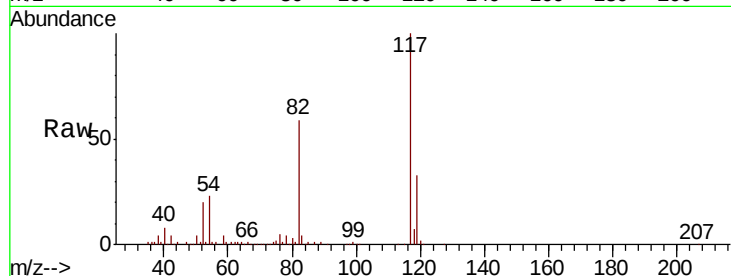




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :
B-23(6-8)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.9	65.9
119	33.0	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.6	88.8
150	154.5	0.0	315.6

