

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060721.D
 Acq On : 14 Nov 2018 13:00
 Operator : VA/AP
 Sample : VF1114SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1114SBL01

Quant Time: Nov 15 06:54:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	220427	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	378909	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	350522	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	212007	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	119542	47.55	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.10%	
35) Dibromofluoromethane	4.09	113	151003	53.02	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	7.53	98	367967	50.37	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.40	95	192832	57.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	115.70%	

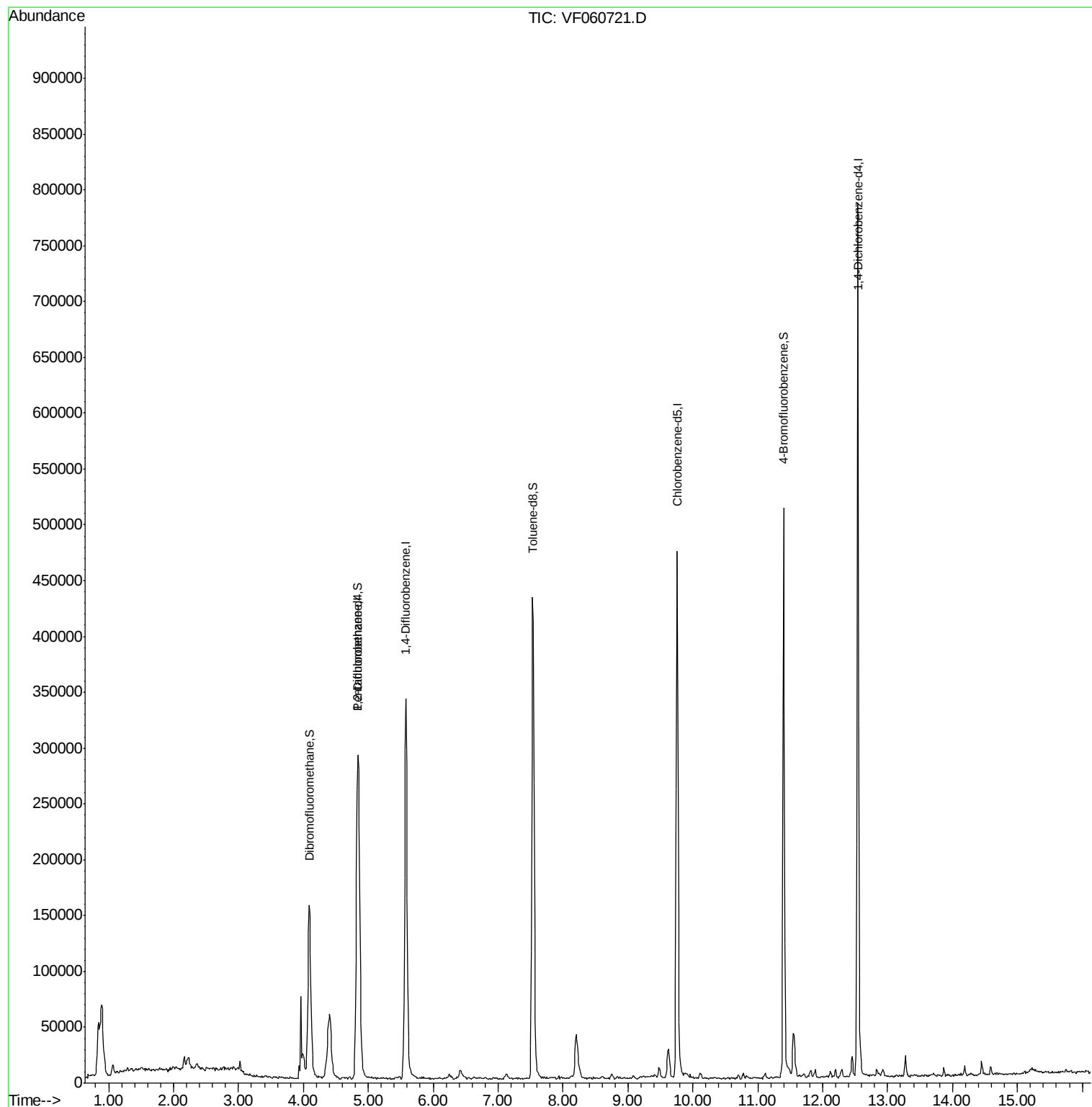
Target Compounds	Qvalue
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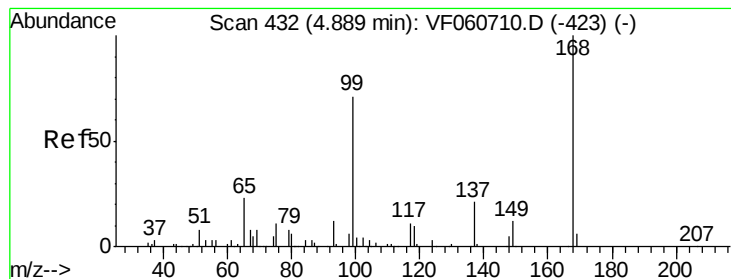
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060721.D

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Instrument :

MSVOA_F

ClientSampleId :

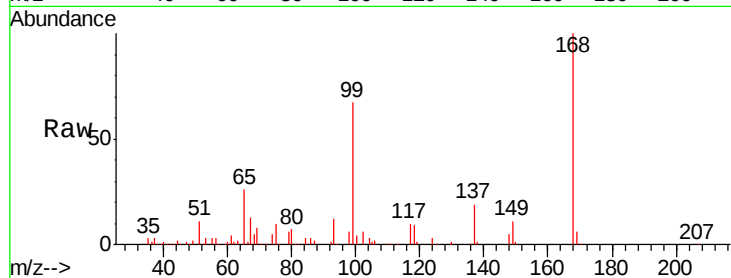
VF1114SBL01

Tgt Ion:168 Resp: 220427

Ion Ratio Lower Upper

168 100

99 67.0 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

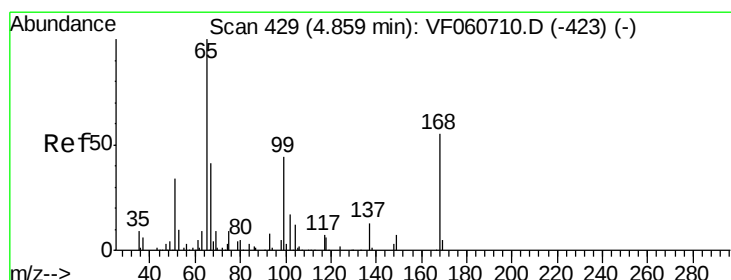
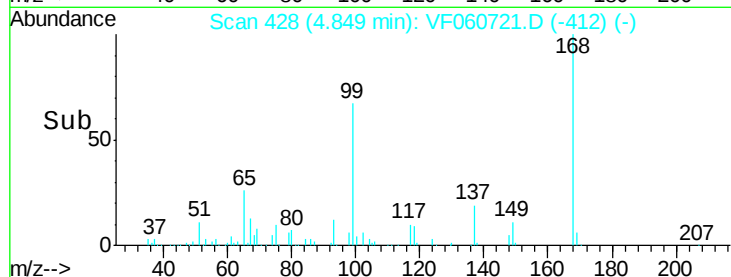
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 47.55 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.03 min

Lab File: VF060721.D

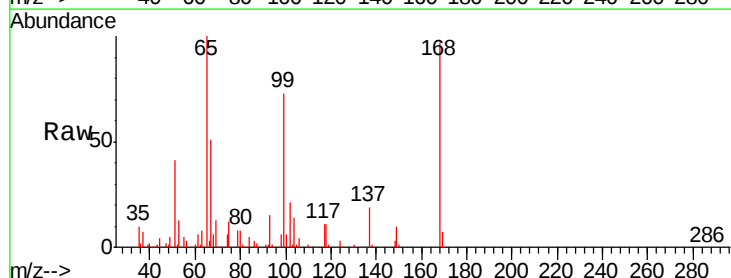
Acq: 14 Nov 2018 13:00

Tgt Ion: 65 Resp: 119542

Ion Ratio Lower Upper

65 100

67 51.4 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

40000

30000

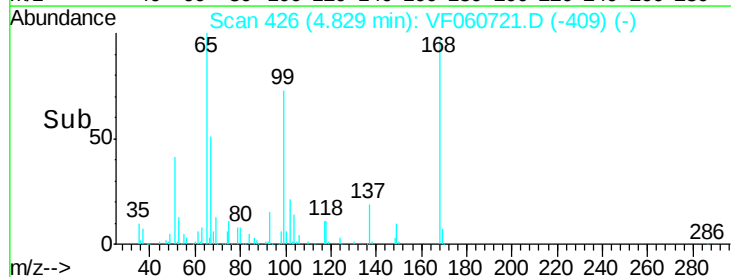
20000

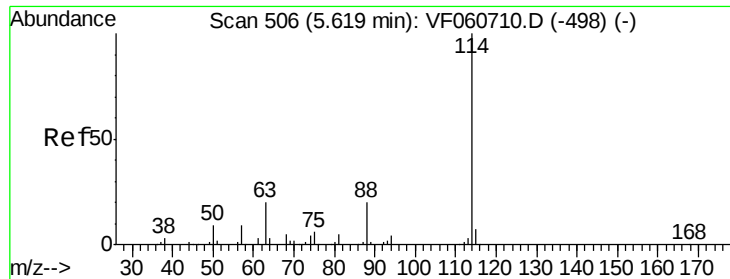
10000

0

Time-->

4.70 4.80 4.90 5.00

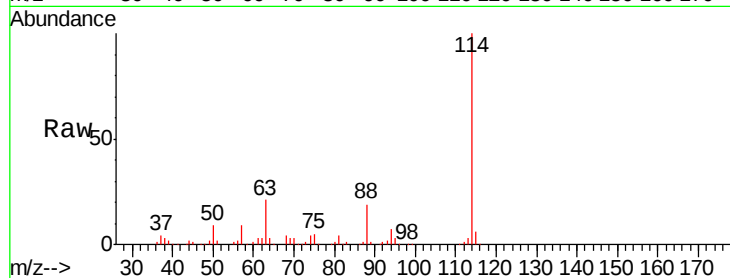




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.04 min
 Lab File: VF060721.D
 Acq: 14 Nov 2018 13:00

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1114SBL01

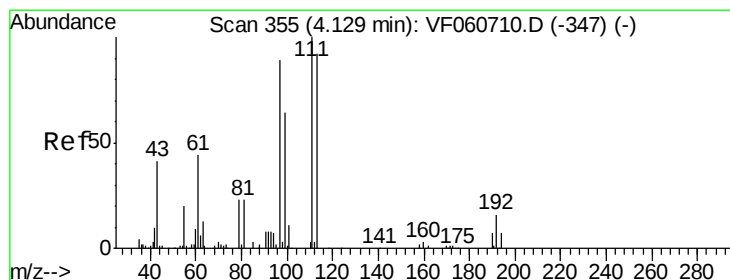
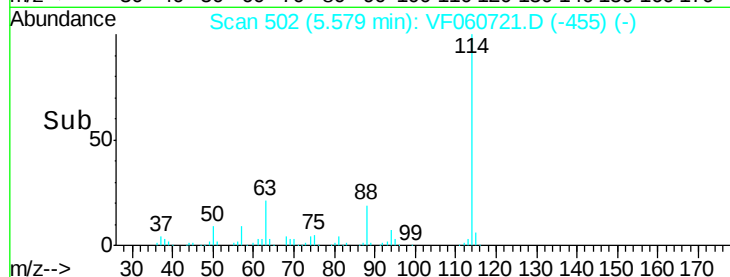
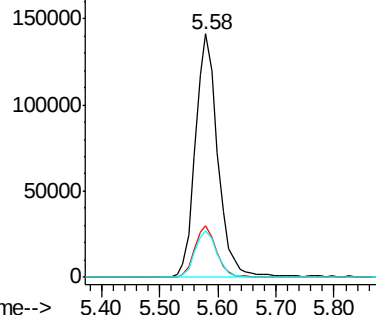
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	18.9	0.0	39.6



Abundance Ion 114.00 (113.70 to 114.70): V

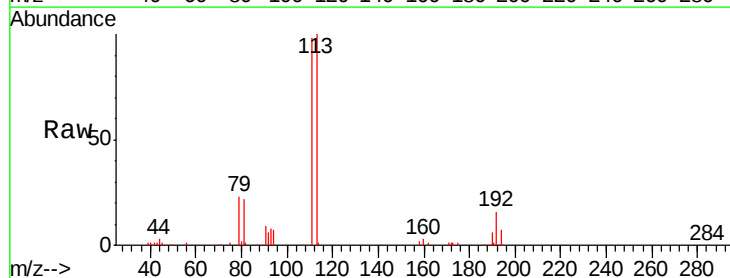
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 53.02 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.04 min
 Lab File: VF060721.D
 Acq: 14 Nov 2018 13:00

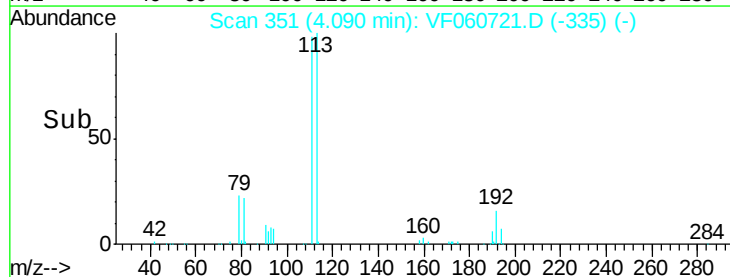
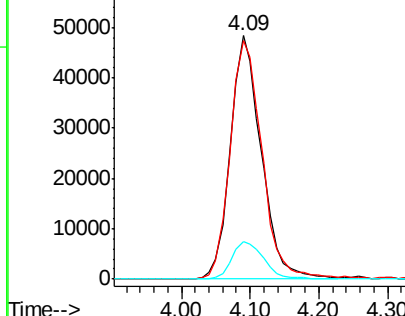
Tgt Ion	Ratio	Lower	Upper
113	100		
111	97.8	87.1	130.7
192	16.0	13.8	20.6

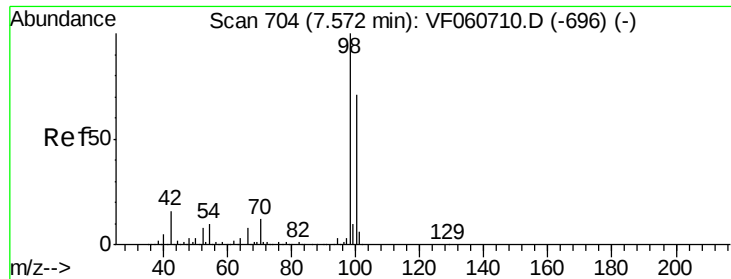


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

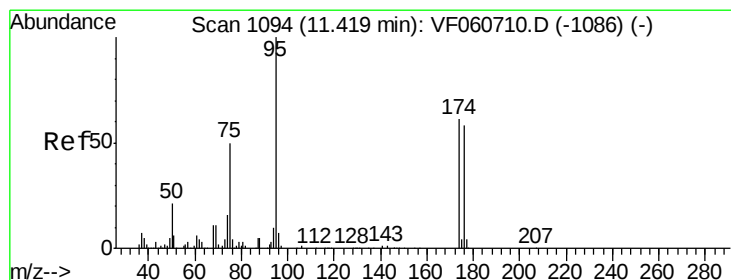
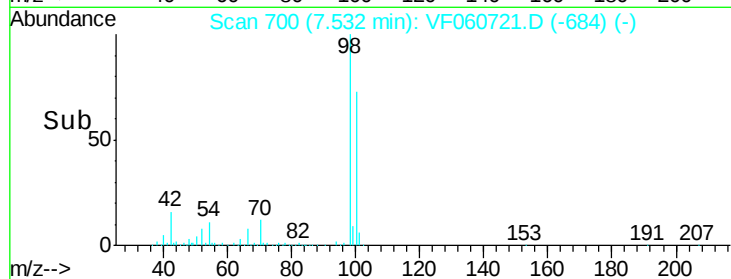
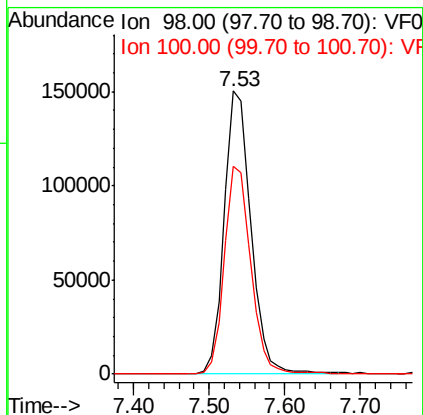
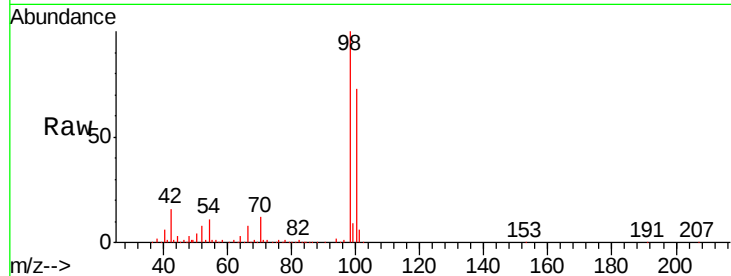




#50
Toluene-d8
Concen: 50.37 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

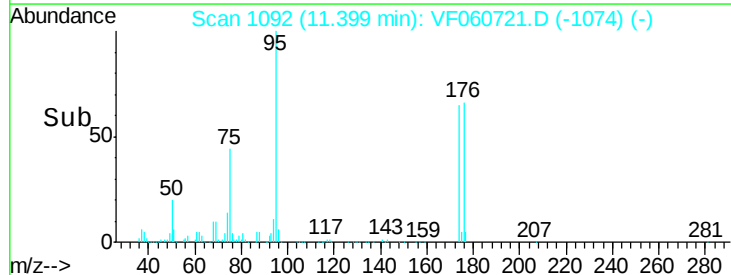
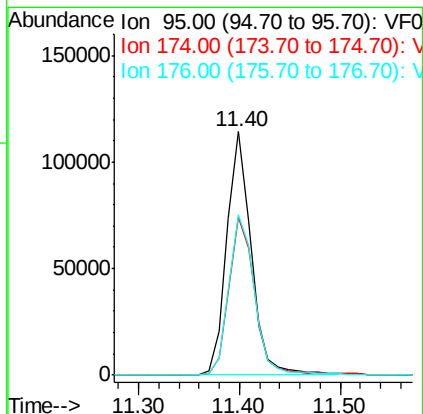
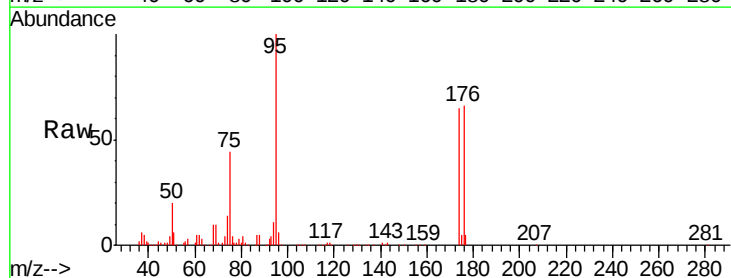
Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

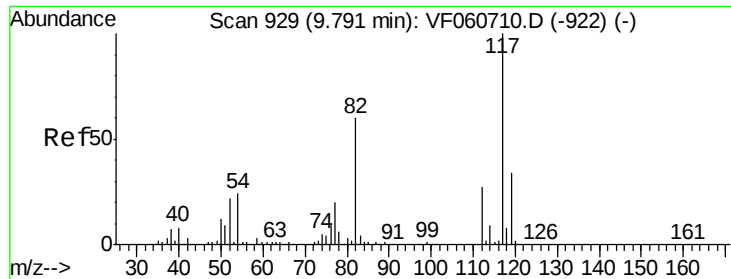
Tgt Ion: 98 Resp: 367967
Ion Ratio Lower Upper
98 100
100 73.4 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 57.85 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 95 Resp: 192832
Ion Ratio Lower Upper
95 100
174 64.6 0.0 121.6
176 66.1 0.0 115.2

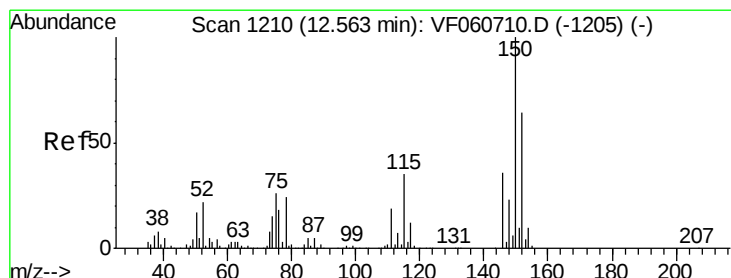
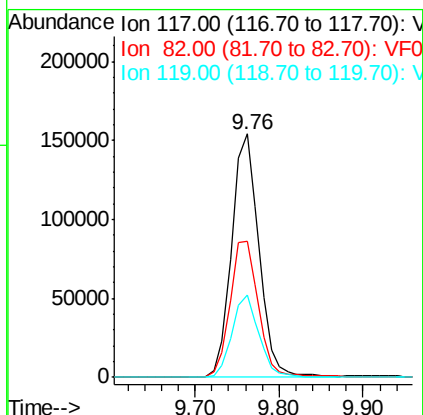
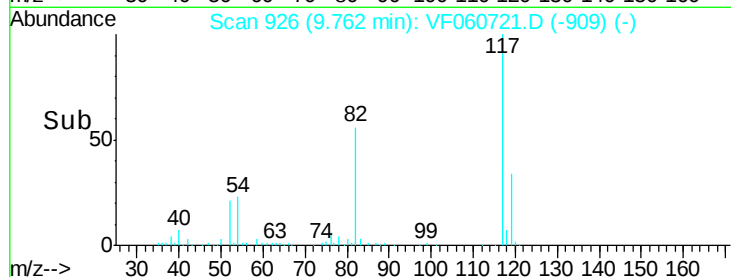
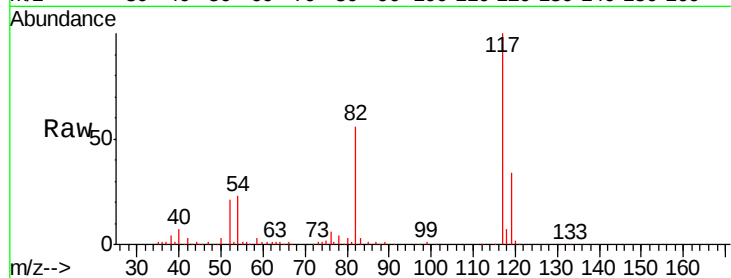




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

Tgt Ion:117 Resp: 350522
Ion Ratio Lower Upper
117 100
82 56.1 47.9 71.9
119 33.8 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion:152 Resp: 212007
Ion Ratio Lower Upper
152 100
115 56.7 27.9 83.7
150 150.7 0.0 316.4

