

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060096.D
 Acq On : 24 Aug 2018 13:20
 Operator : VA/AP
 Sample : VF0824SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0824SBL01

Quant Time: Aug 25 04:24:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	174320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	273644	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	291129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	181719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	126265	52.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	4.29	113	118597	55.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.38%	
50) Toluene-d8	7.71	98	311342	51.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.51	95	166700	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

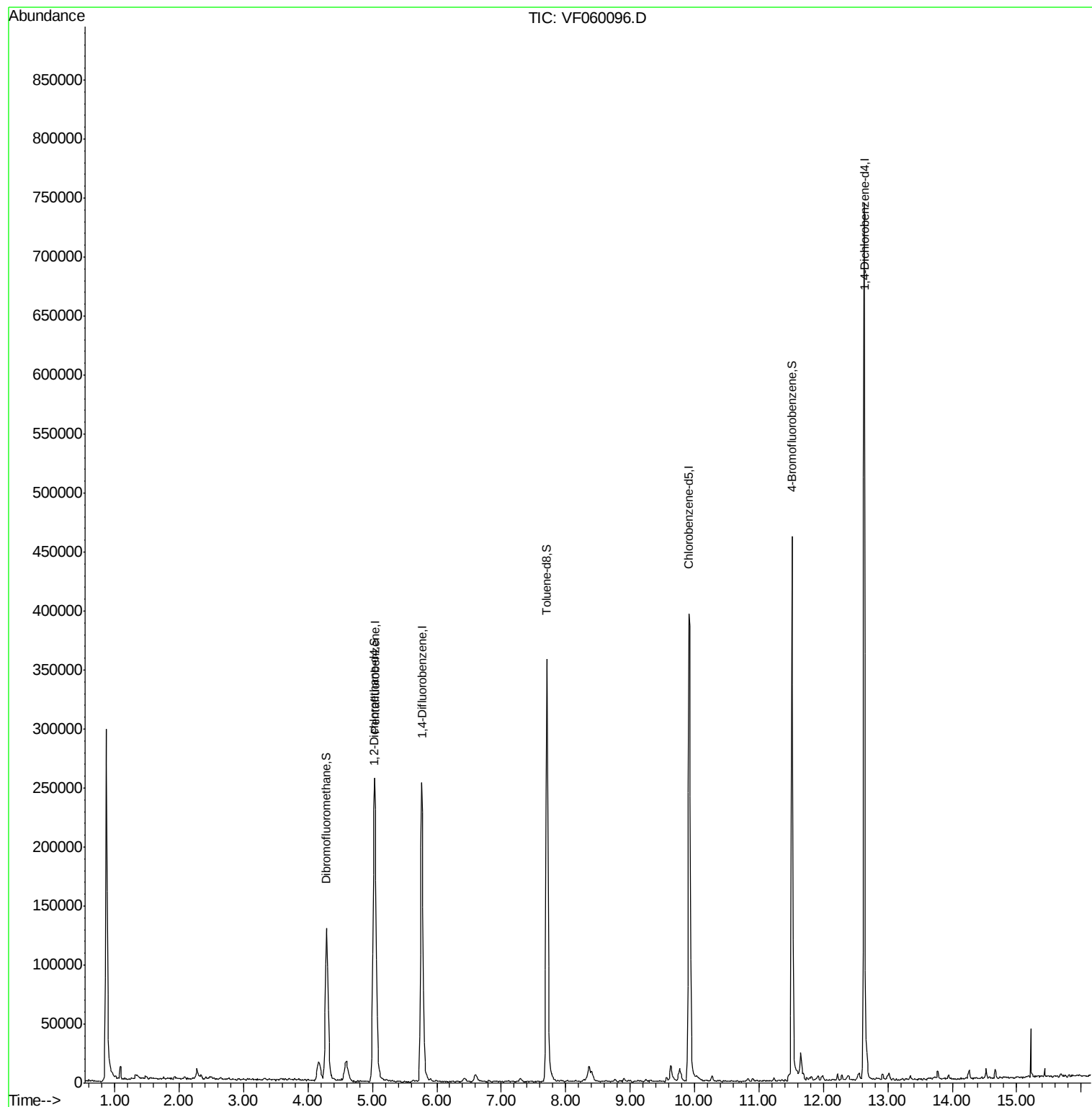
Target Compounds	Qvalue

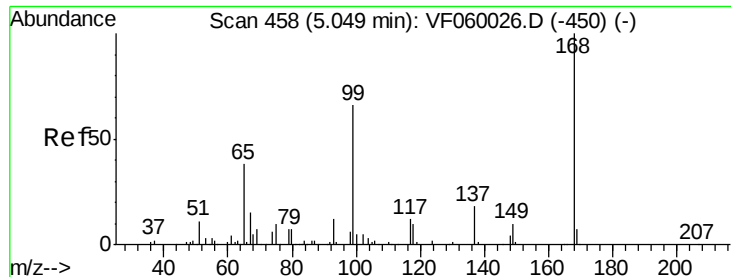
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060096.D

Acq: 24 Aug 2018 13:20

Instrument :

MSVOA_F

ClientSampleId :

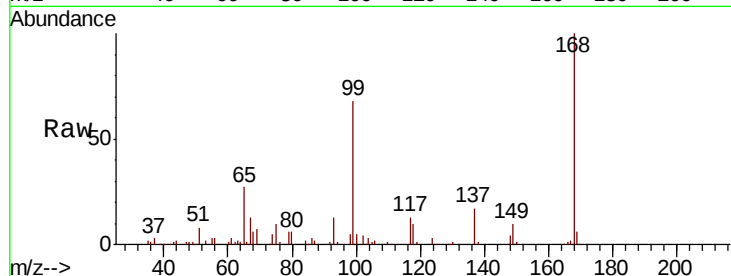
VF0824SBL01

Tot Ion:168 Resp: 174320

Ion Ratio Lower Upper

168 100

99 67.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

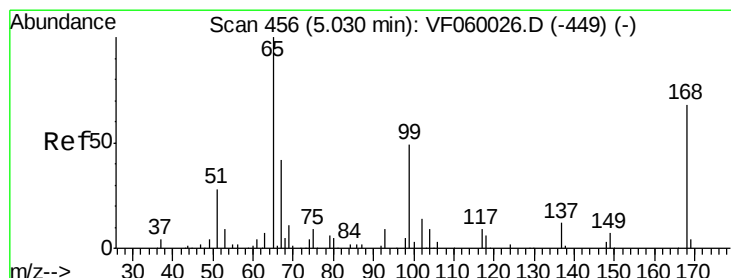
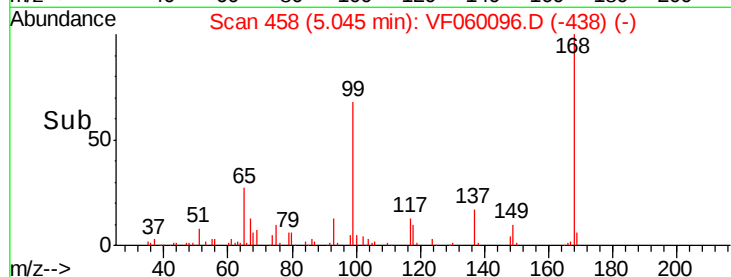
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 52.92 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060096.D

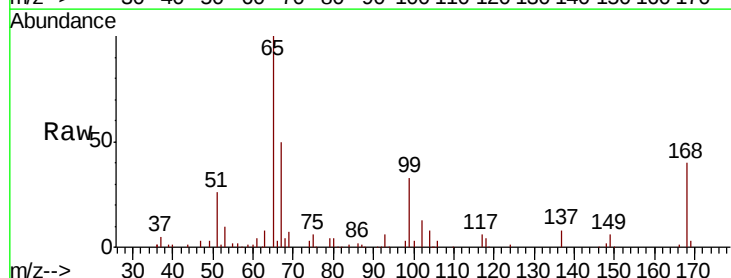
Acq: 24 Aug 2018 13:20

Tgt Ion: 65 Resp: 126265

Ion Ratio Lower Upper

65 100

67 50.5 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

50000

40000

30000

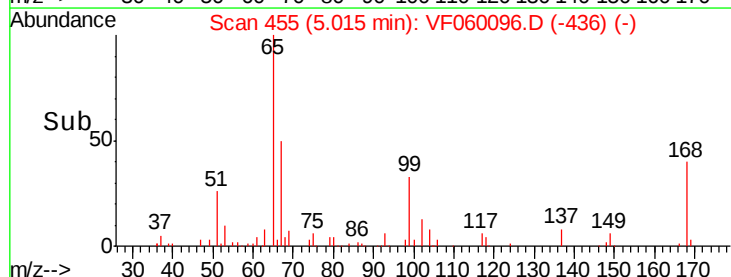
20000

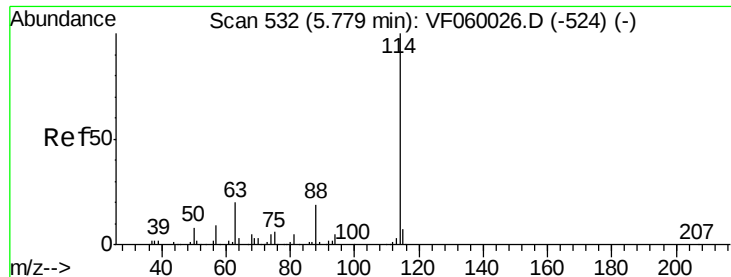
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060096.D

Acq: 24 Aug 2018 13:20

Instrument :

MSVOA_F

ClientSampleId :

VF0824SBL01

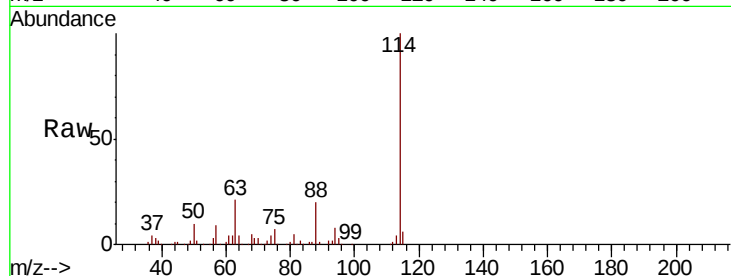
Tot Ion:114 Resp: 273644

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

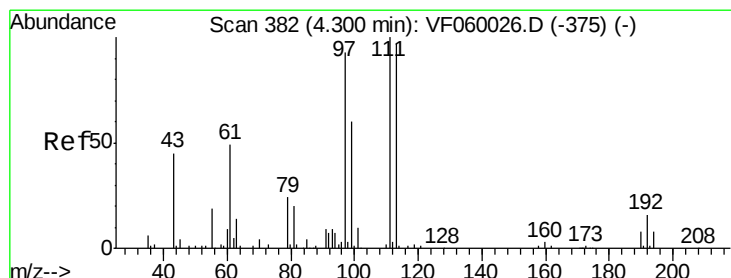
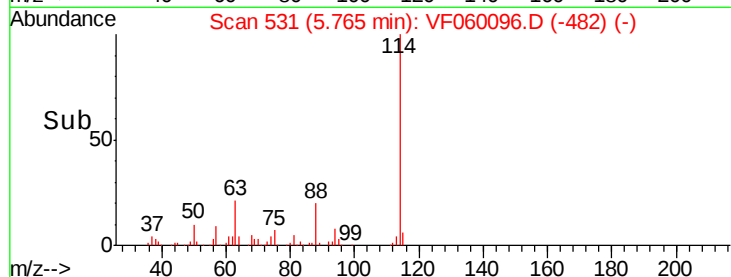
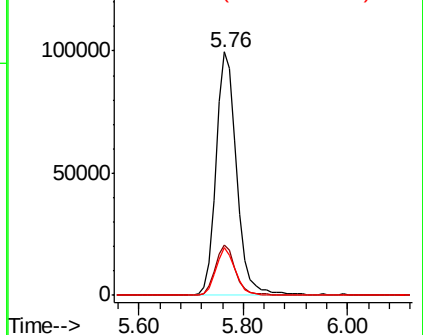
88 19.7 0.0 38.6



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: 55.19 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060096.D

Acq: 24 Aug 2018 13:20

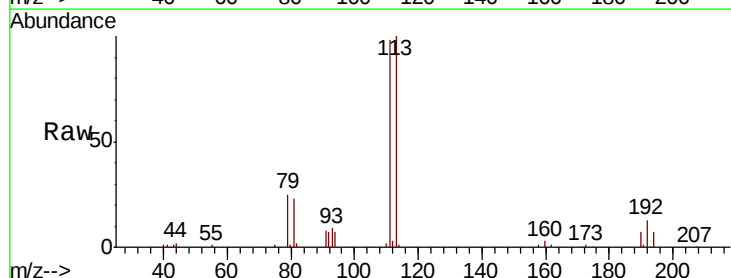
Tgt Ion:113 Resp: 118597

Ion Ratio Lower Upper

113 100

111 97.9 82.7 124.1

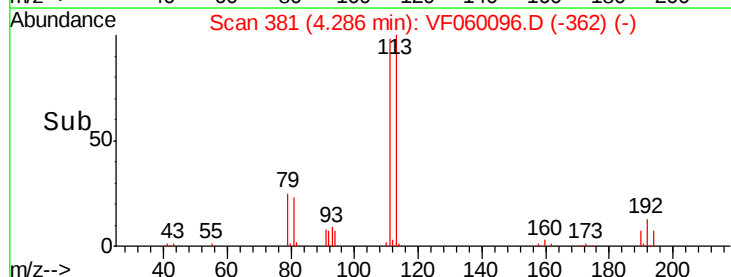
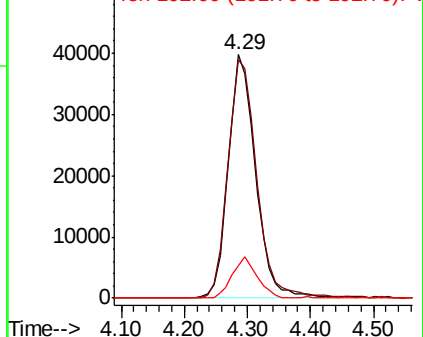
192 13.2 13.0 19.4

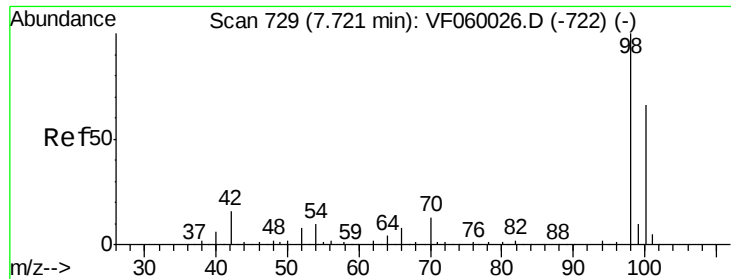


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

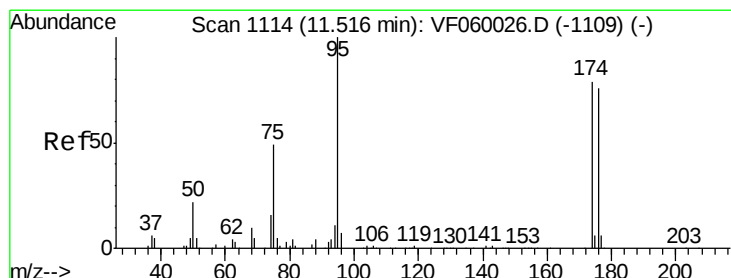
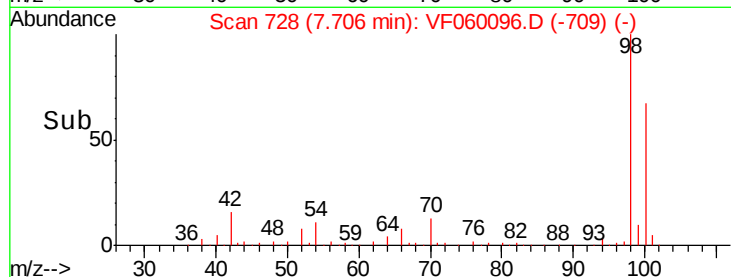
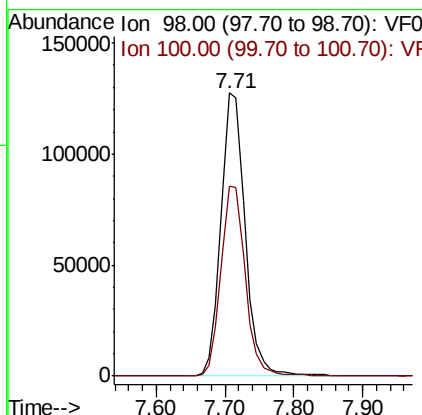
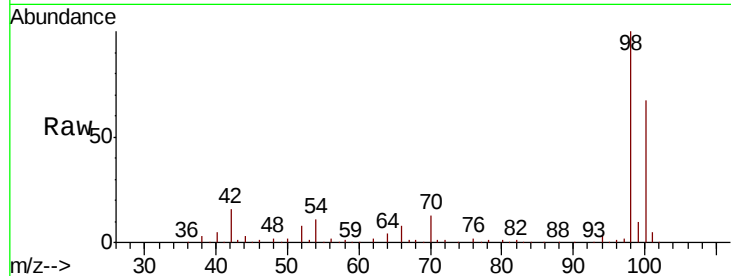




#50
Toluene-d8
Concen: 51.02 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060096.D
Acq: 24 Aug 2018 13:20

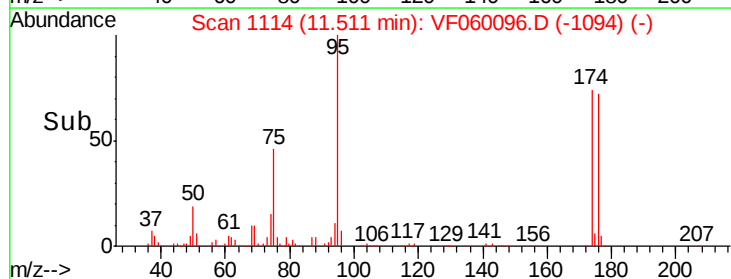
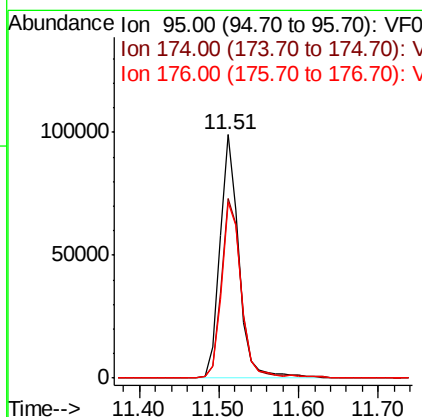
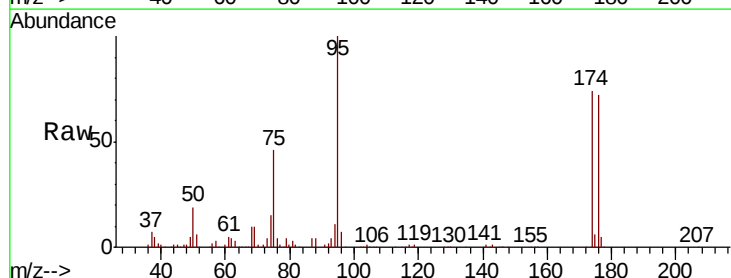
Instrument :
MSVOA_F
ClientSampleId :
VF0824SBL01

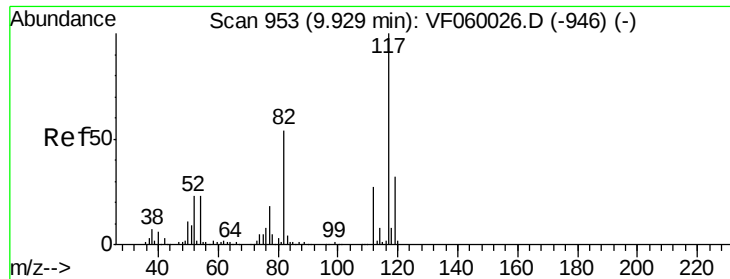
Tot Ion: 98 Resp: 311342
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 51.64 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060096.D
Acq: 24 Aug 2018 13:20

Tgt Ion: 95 Resp: 166700
Ion Ratio Lower Upper
95 100
174 73.6 0.0 158.4
176 72.1 0.0 153.0

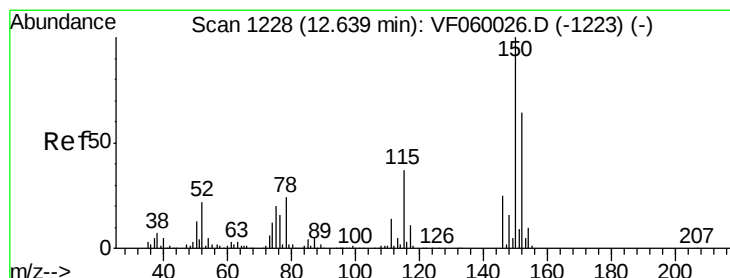
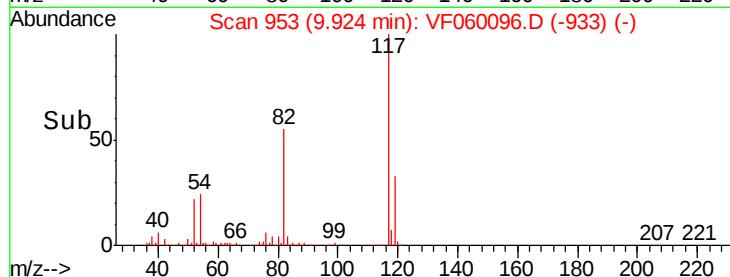
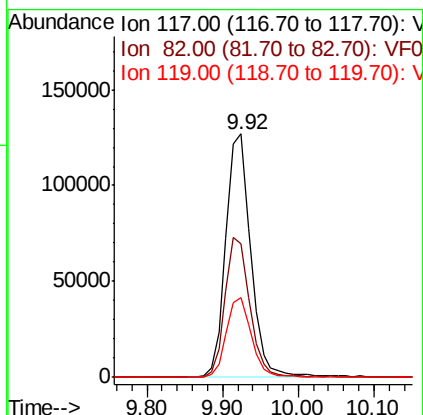
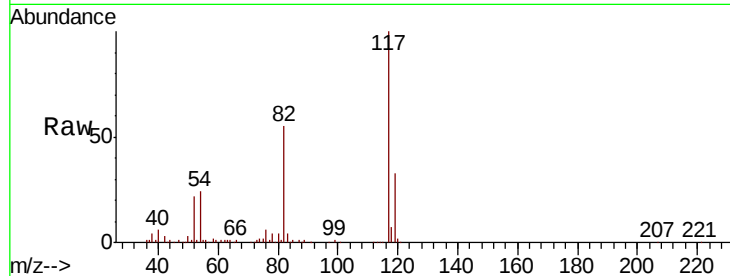




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF060096.D
Acq: 24 Aug 2018 13:20

Instrument :
MSVOA_F
ClientSampleId :
VF0824SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.6	65.4
119	32.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060096.D
Acq: 24 Aug 2018 13:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.6	85.9
150	151.6	0.0	312.0

