

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060011.D
 Acq On : 20 Aug 2018 19:24
 Operator : VA/AP
 Sample : J4498-01
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CARLSTADT-BACK

Quant Time: Aug 21 05:37:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	151802	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	216896	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	219992	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	139390	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	140590	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	4.29	113	130401	58.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.66%	
50) Toluene-d8	7.71	98	233903	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.52	95	132779	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	

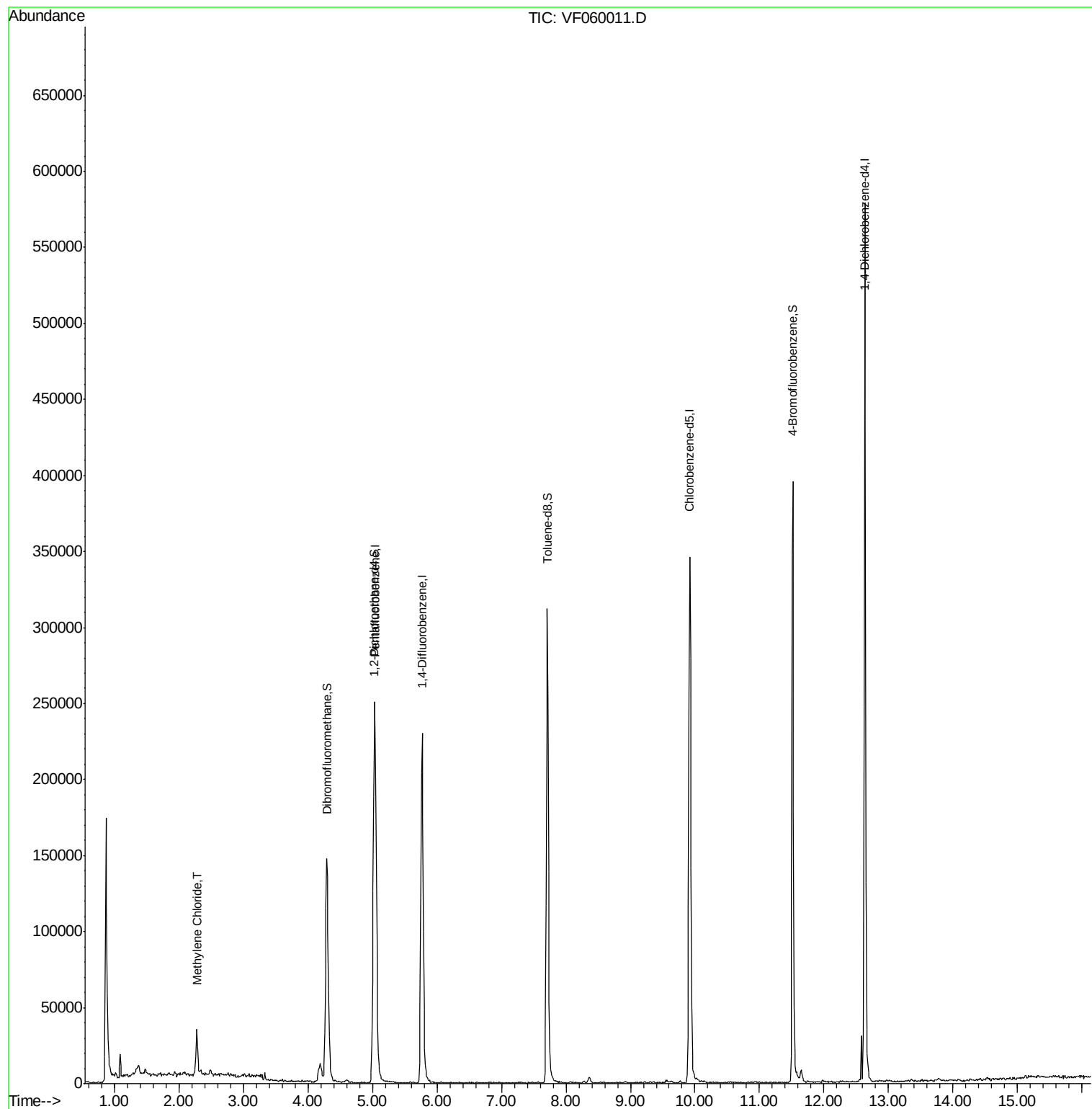
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.28	84	13002	4.29	ug/l	87

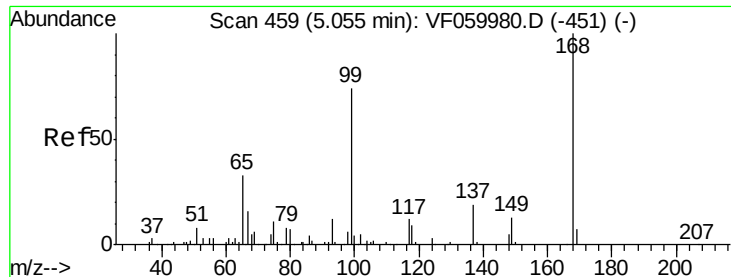
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060011.D

Acq: 20 Aug 2018 19:24

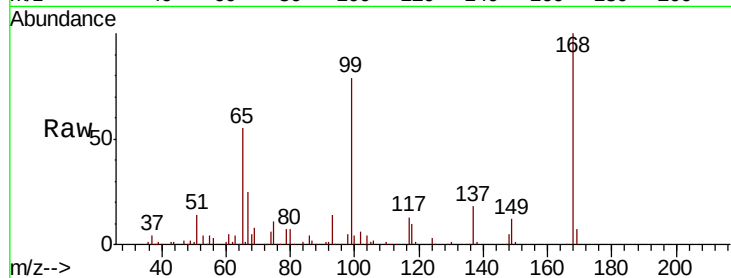
Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-BACK

Tot Ion:168 Resp: 151802

Ion Ratio Lower Upper

168 100

99 78.8 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

50000

40000

30000

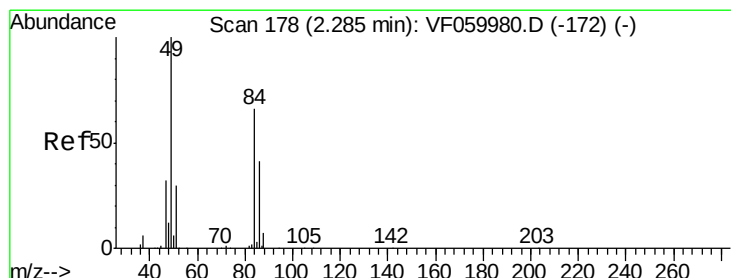
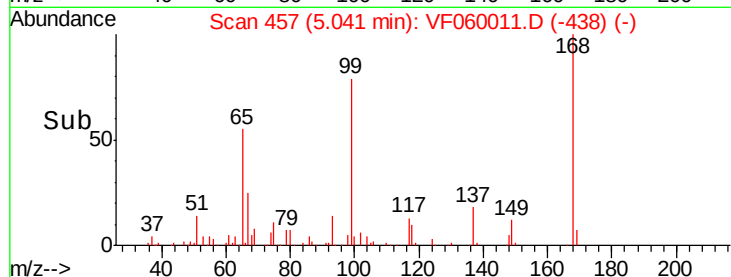
20000

10000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#20

Methylene Chloride

Concen: 4.29 ug/l

RT: 2.28 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF060011.D

Acq: 20 Aug 2018 19:24

Tgt Ion: 84 Resp: 13002

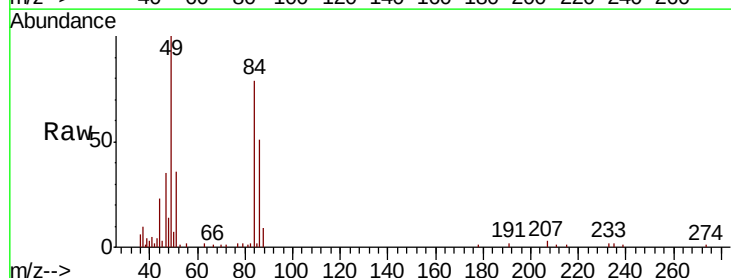
Ion Ratio Lower Upper

84 100

49 127.2 122.5 183.7

51 45.7 37.1 55.7

86 65.0 50.2 75.2



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

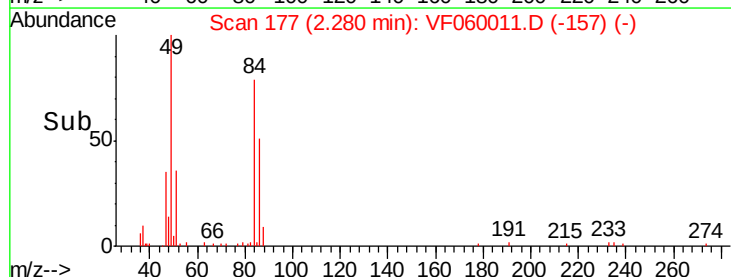
10000

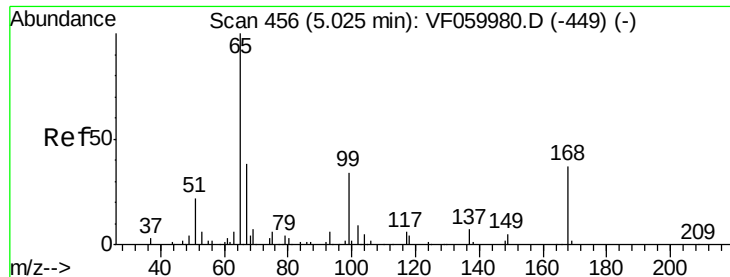
5000

0

Time-->

2.20 2.25 2.30 2.35

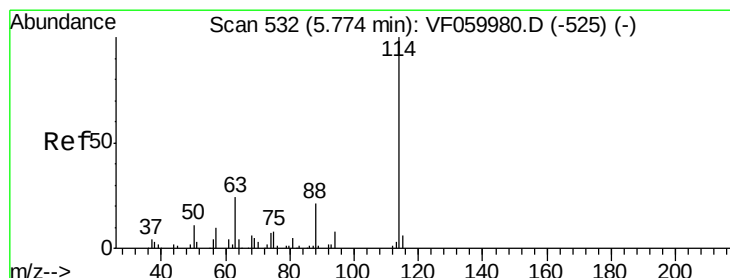
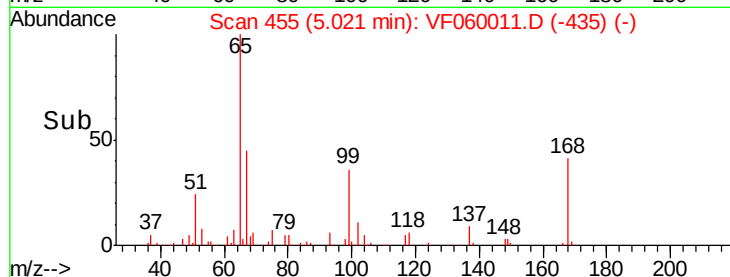
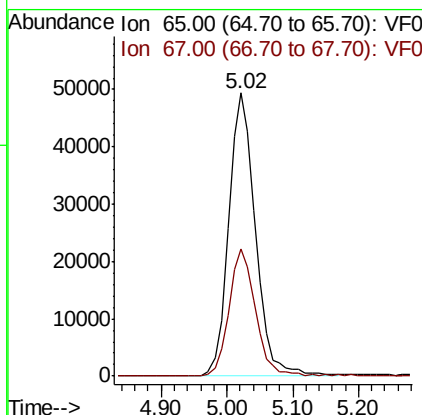
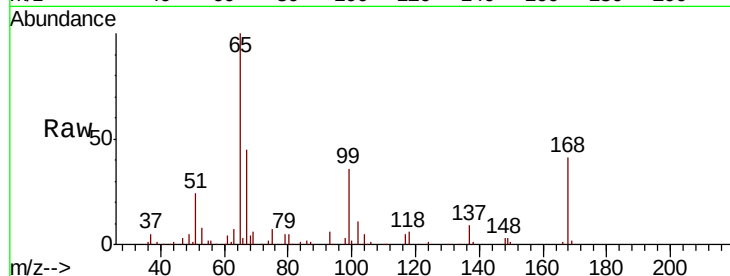




#33
 1,2-Dichloroethane-d4
 Concen: 47.98 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF060011.D
 Acq: 20 Aug 2018 19:24

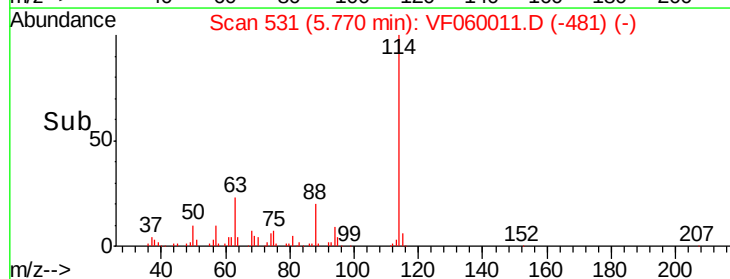
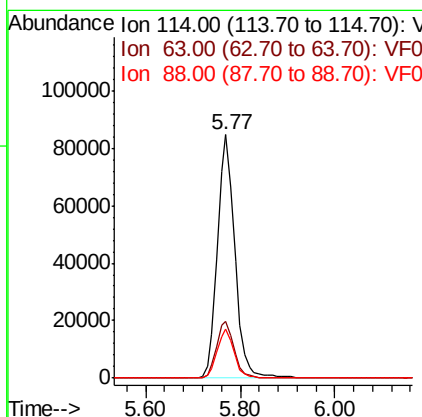
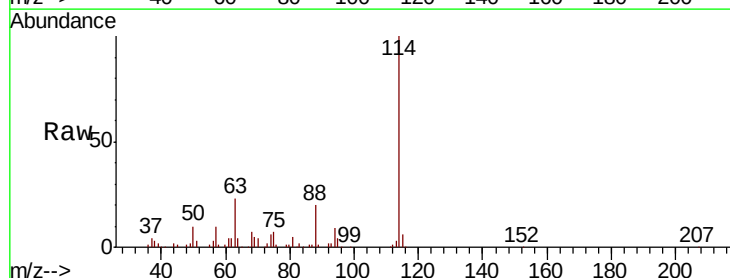
Instrument :
 MSVOA_F
 ClientSampleId :
 CARLSTADT-BACK

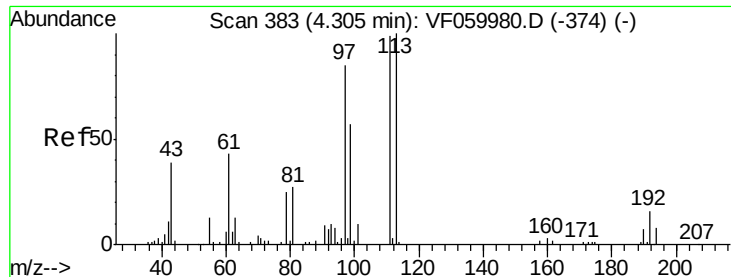
Tot Ion: 65 Resp: 140590
 Ion Ratio Lower Upper
 65 100
 67 44.7 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF060011.D
 Acq: 20 Aug 2018 19:24

Tgt Ion: 114 Resp: 216896
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 48.6
 88 20.0 0.0 42.8





#35

Dibromofluoromethane

Concen: 58.83 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060011.D

Acq: 20 Aug 2018 19:24

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-BACK

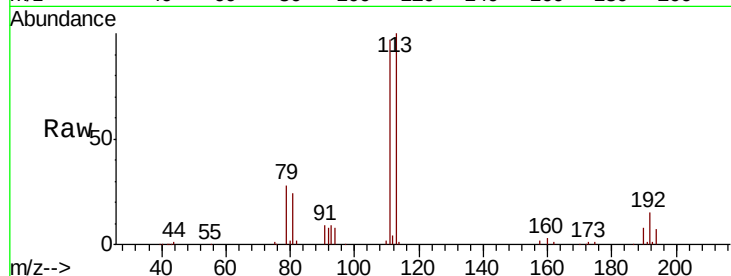
Tot Ion:113 Resp: 130401

Ion Ratio Lower Upper

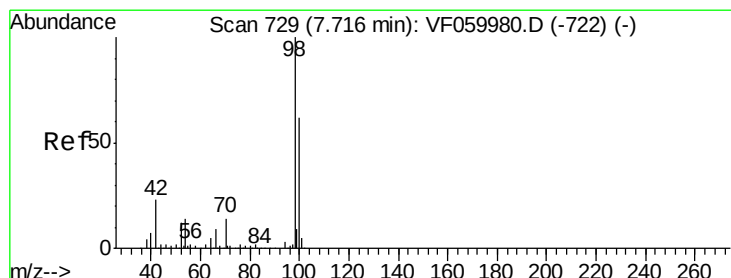
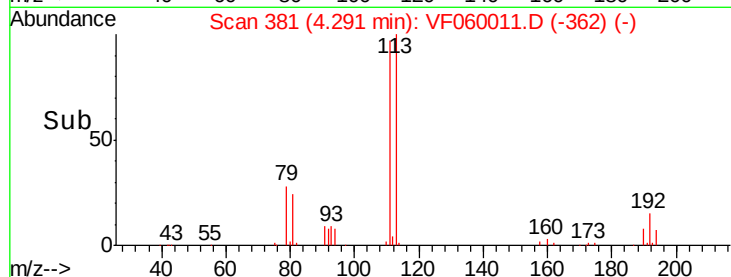
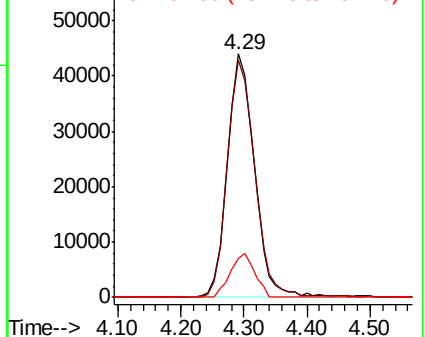
113 100

111 97.2 79.5 119.3

192 15.9 12.4 18.6



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: 47.45 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF060011.D

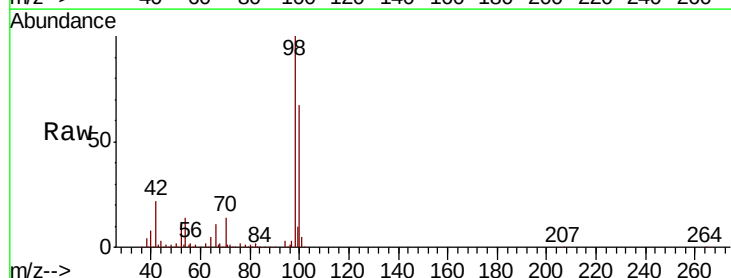
Acq: 20 Aug 2018 19:24

Tgt Ion: 98 Resp: 233903

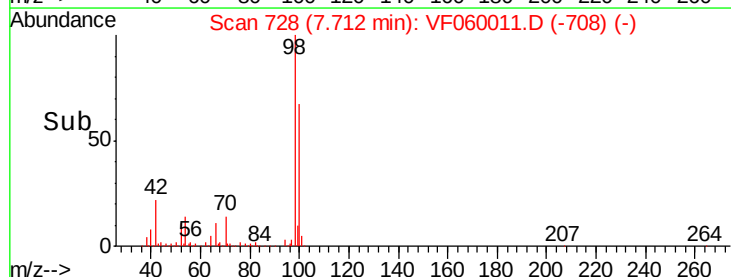
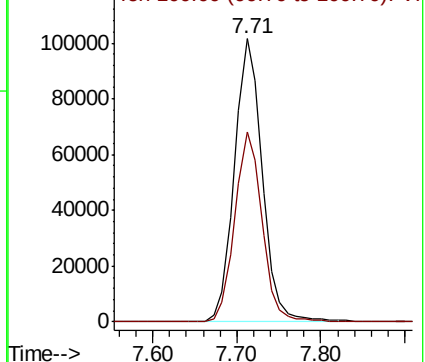
Ion Ratio Lower Upper

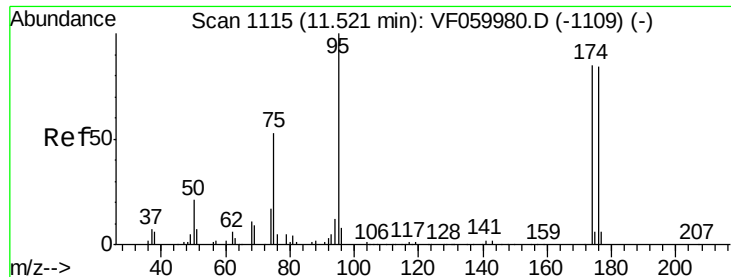
98 100

100 67.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

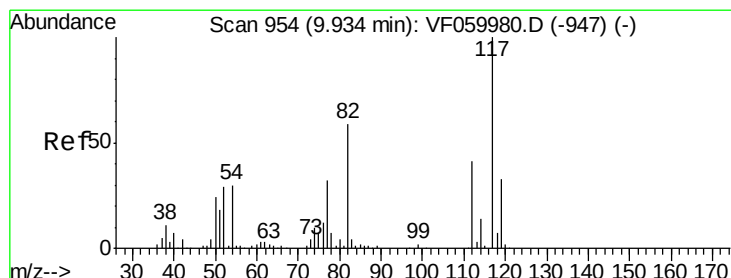
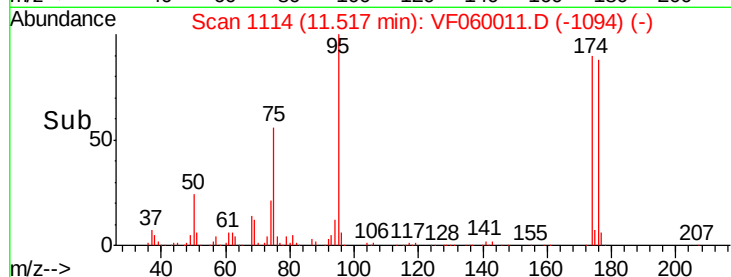
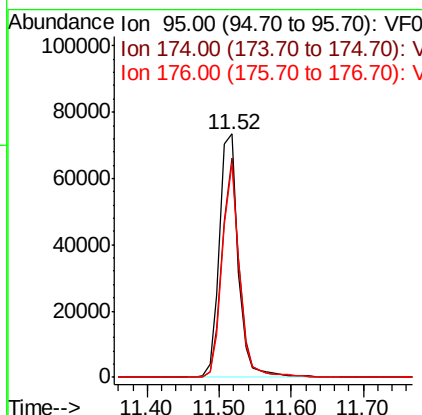
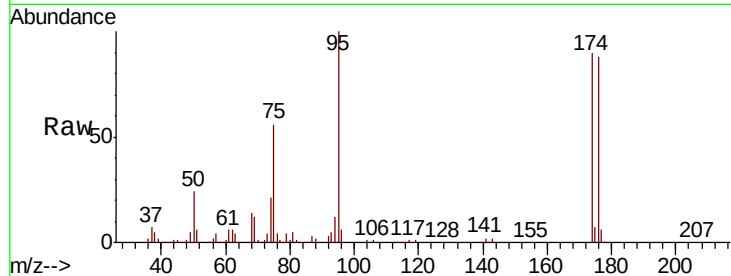




#62
4-Bromofluorobenzene
Concen: 43.89 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060011.D
Acq: 20 Aug 2018 19:24

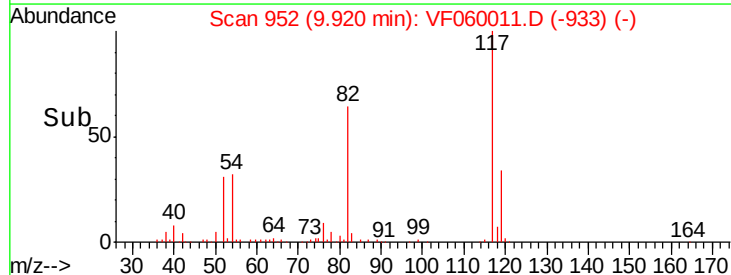
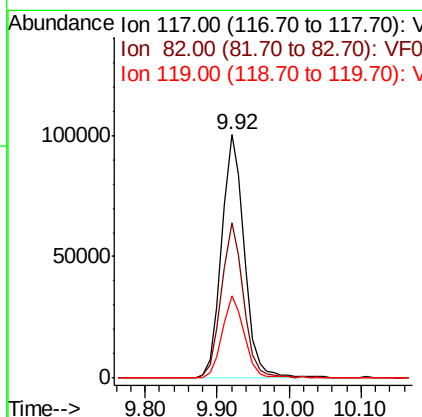
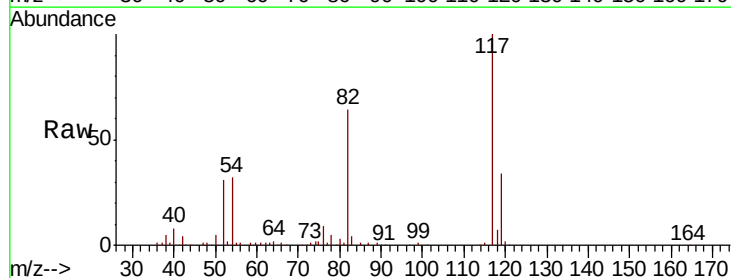
Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-BACK

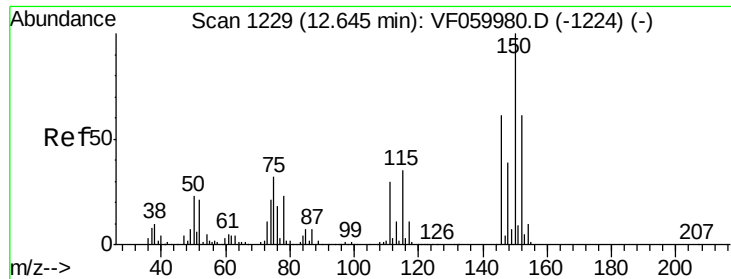
Tot Ion: 95 Resp: 132779
Ion Ratio Lower Upper
95 100
174 90.2 0.0 169.8
176 87.9 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060011.D
Acq: 20 Aug 2018 19:24

Tgt Ion: 117 Resp: 219992
Ion Ratio Lower Upper
117 100
82 63.6 47.2 70.8
119 33.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF060011.D

Acq: 20 Aug 2018 19:24

Instrument :

MSVOA_F

ClientSampleId :

CARLSTADT-BACK

Tot Ion:152 Resp: 139390

Ion Ratio Lower Upper

152 100

115 63.0 29.1 87.3

150 152.3 0.0 330.2

