

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059437.D
 Acq On : 5 Jul 2018 16:40
 Operator : VA/AP
 Sample : J3859-02RE
 Misc : 11.26g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-032RE

Quant Time: Jul 06 08:30:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	53684	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.73	114	67290	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	51852	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	26123	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	23234	33.50	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	67.00%	
35) Dibromofluoromethane	4.25	113	24371	49.57	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	7.67	98	56431	46.36	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.49	95	24050	35.02	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	70.04%	

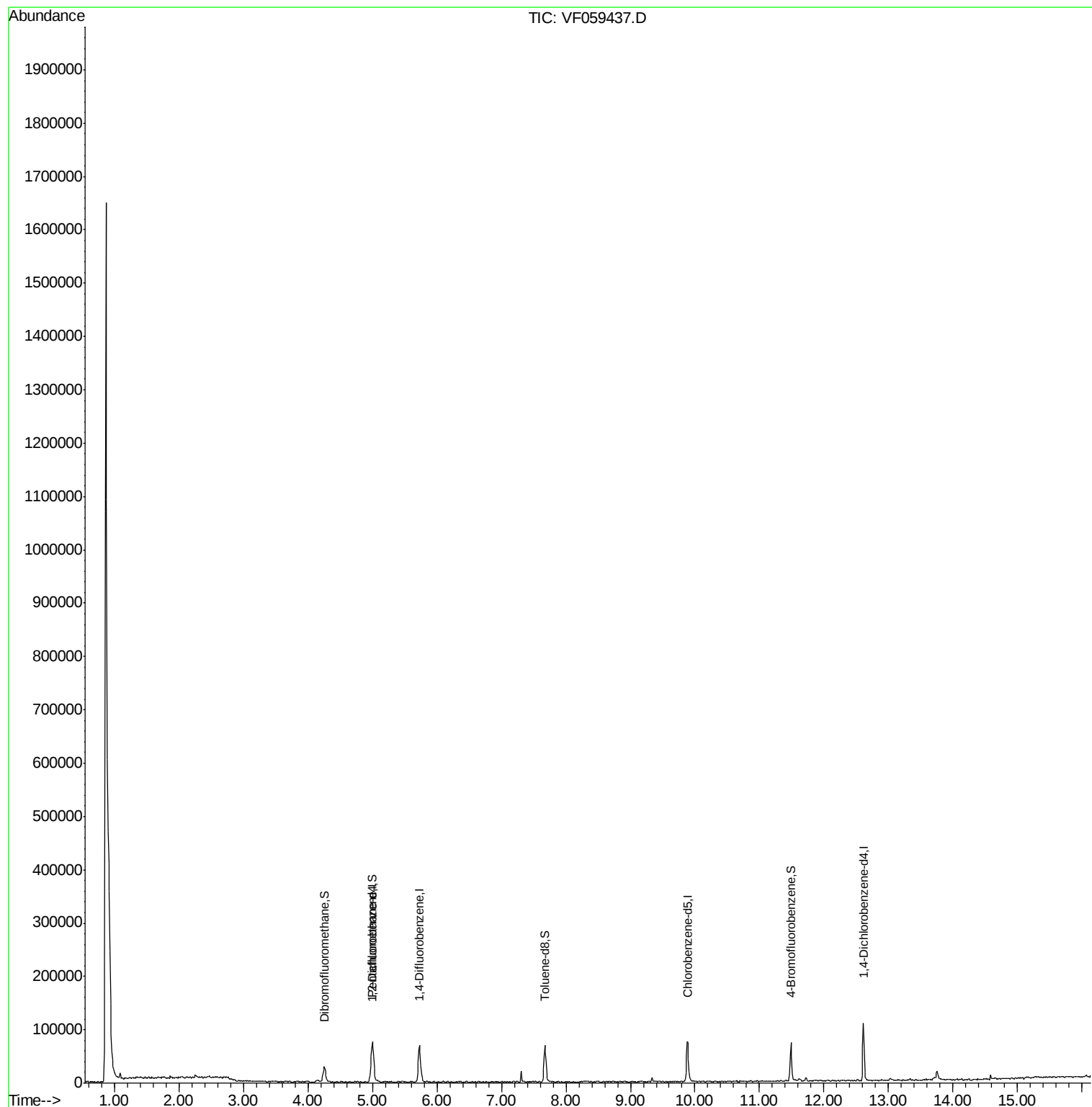
Target Compounds	Qvalue

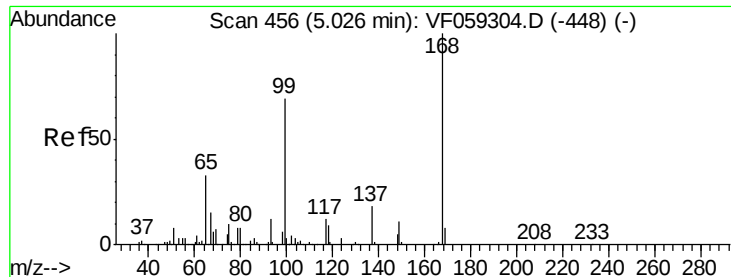
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070518\
Data File : VF059437.D
Acq On : 5 Jul 2018 16:40
Operator : VA/AP
Sample : J3859-02RE
Misc : 11.26g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-032RE

Quant Time: Jul 06 08:30:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.03 min

Lab File: VF059437.D

Acq: 5 Jul 2018 16:40

Instrument :

MSVOA_F

ClientSampleId :

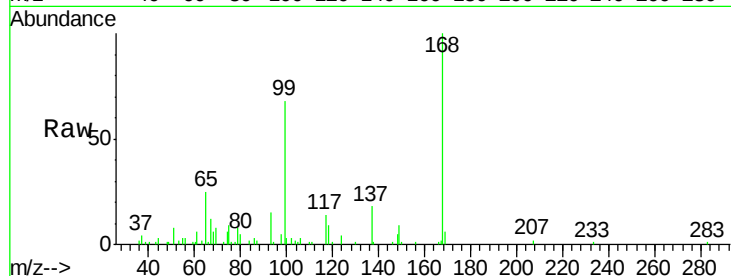
FK-PS-01-032RE

Tot Ion:168 Resp: 53684

Ion Ratio Lower Upper

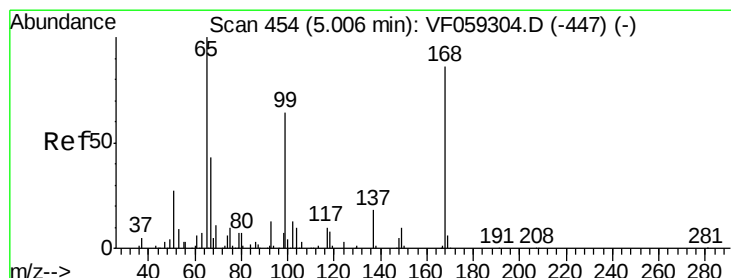
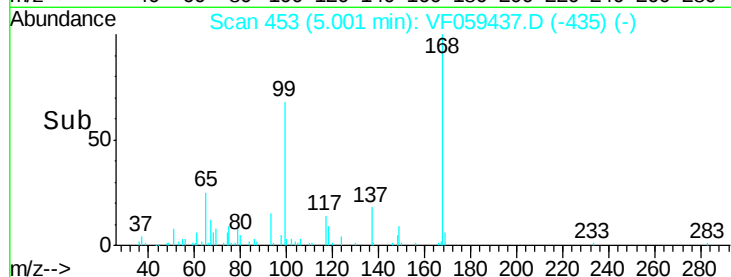
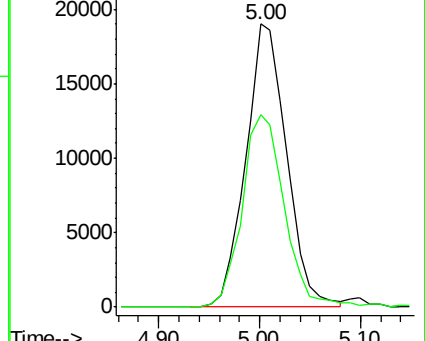
168 100

99 68.1 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 33.498 ug/l

RT: 4.98 min Scan# 451

Delta R.T. -0.03 min

Lab File: VF059437.D

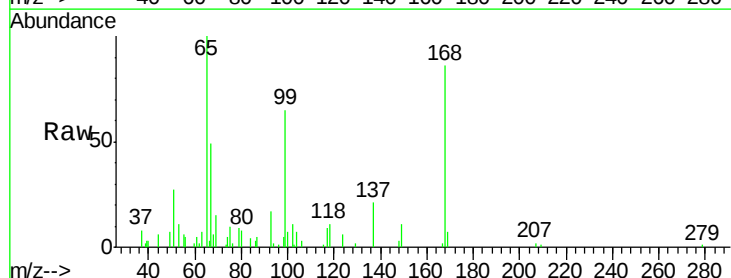
Acq: 5 Jul 2018 16:40

Tgt Ion: 65 Resp: 23234

Ion Ratio Lower Upper

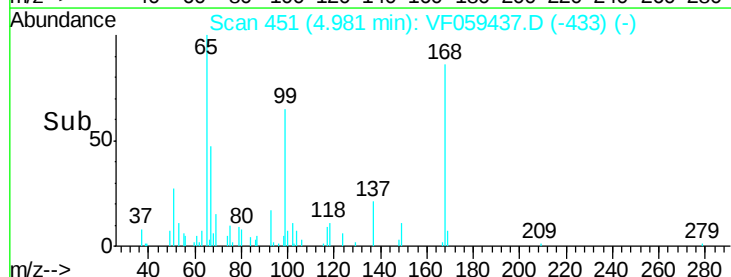
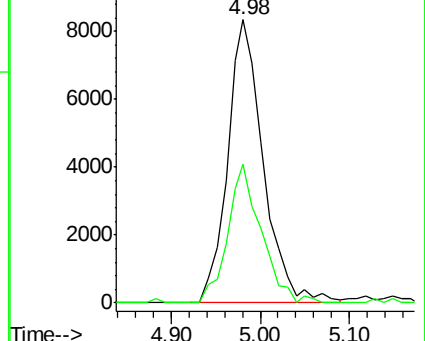
65 100

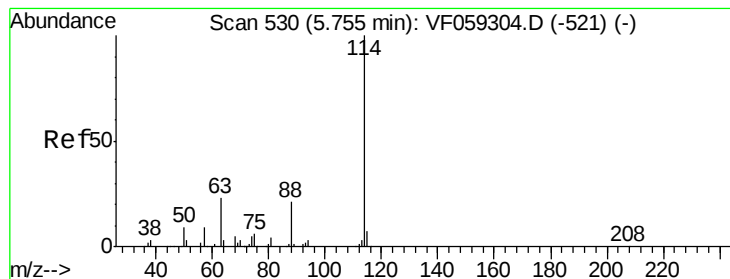
67 49.1 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059437.D

Acq: 5 Jul 2018 16:40

Instrument :

MSVOA_F

ClientSampleId :

FK-PS-01-032RE

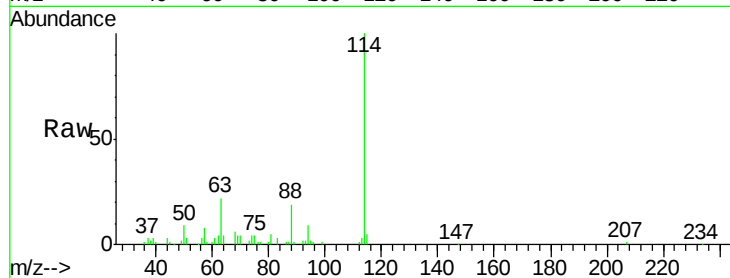
Tot Ion:114 Resp: 67290

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.8

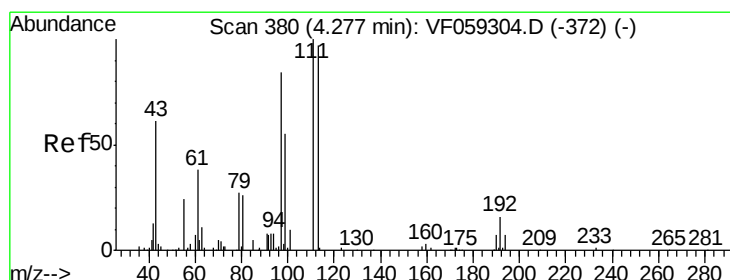
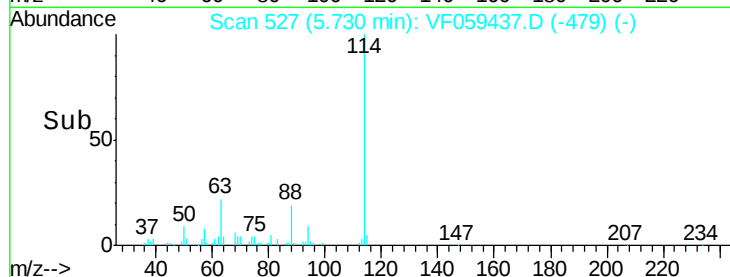
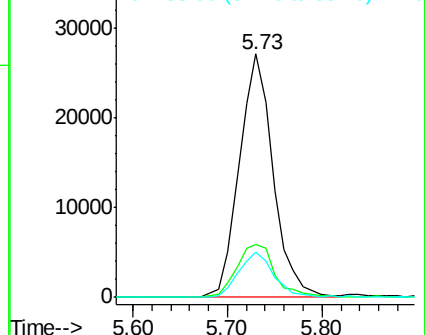
88 18.6 0.0 41.2



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: 49.568 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.03 min

Lab File: VF059437.D

Acq: 5 Jul 2018 16:40

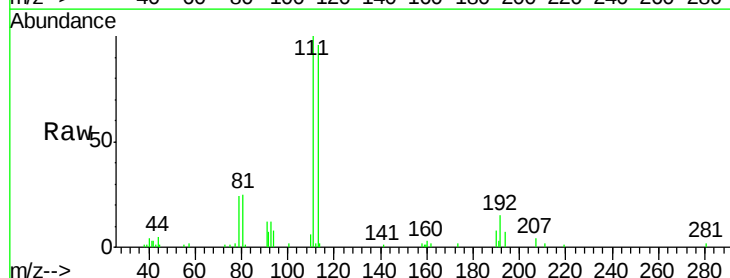
Tgt Ion:113 Resp: 24371

Ion Ratio Lower Upper

113 100

111 104.6 82.1 123.1

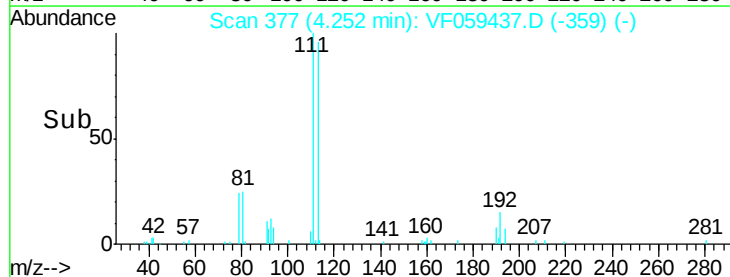
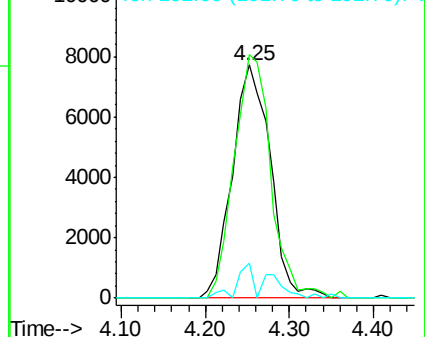
192 15.2 13.0 19.6



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: 46.357 ug/l

RT: 7.67 min Scan# 724

Delta R.T. -0.03 min

Lab File: VF059437.D

Acq: 5 Jul 2018 16:40

Instrument :

MSVOA_F

ClientSampleId :

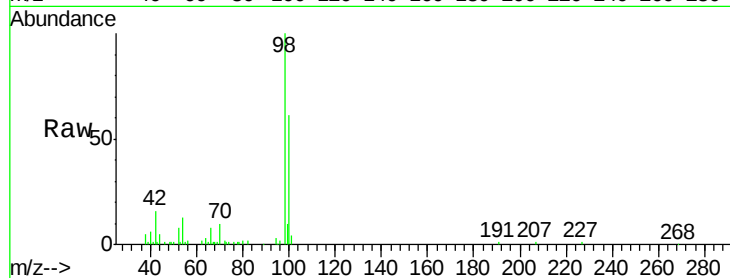
FK-PS-01-032RE

Tot Ion: 98 Resp: 56431

Ion Ratio Lower Upper

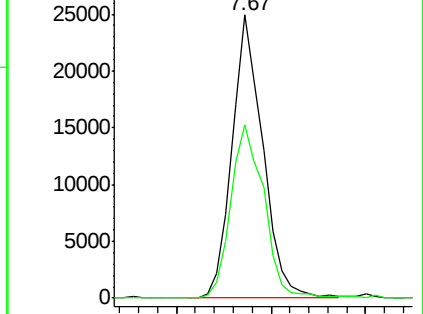
98 100

100 61.2 54.6 82.0

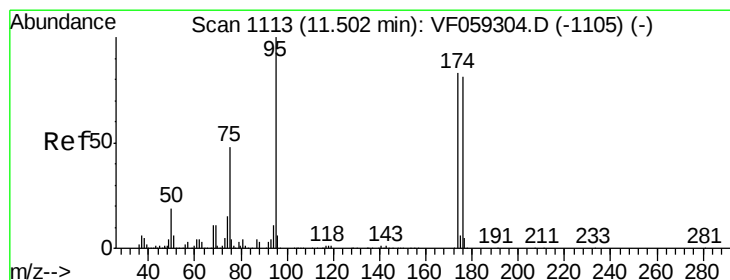
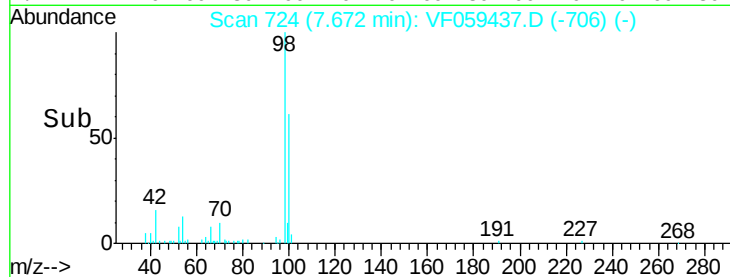


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



Time-->



#62

4-Bromofluorobenzene

Concen: 35.024 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059437.D

Acq: 5 Jul 2018 16:40

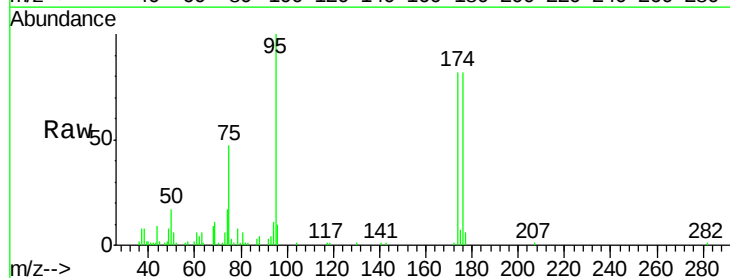
Tgt Ion: 95 Resp: 24050

Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.2

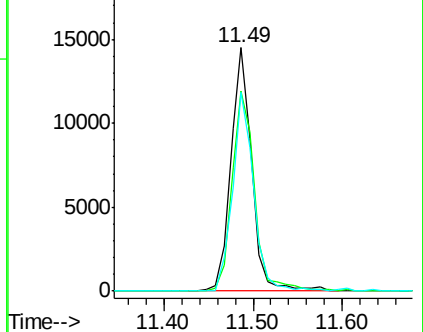
176 81.9 0.0 161.0



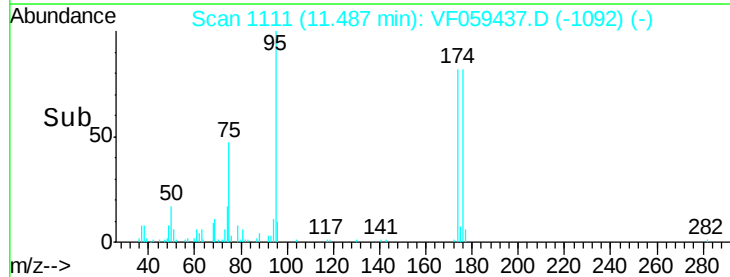
Abundance Ion 95.00 (94.70 to 95.70): VF0

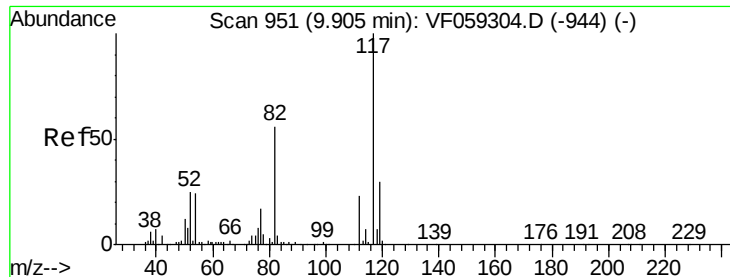
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->

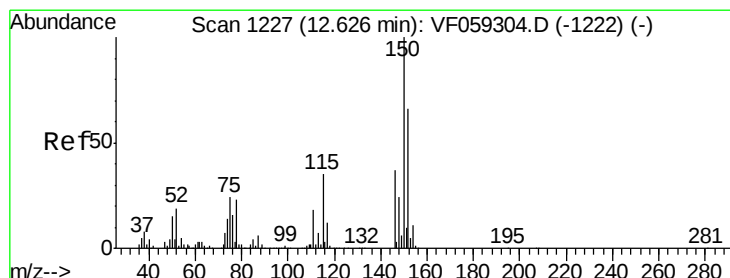
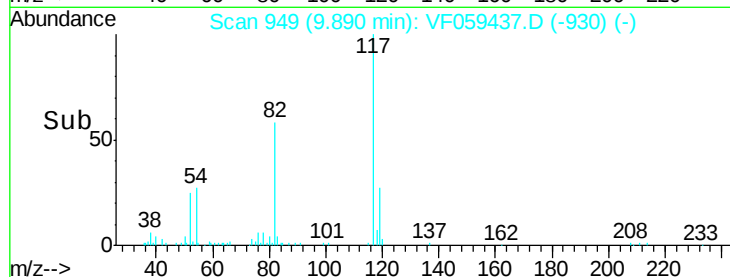
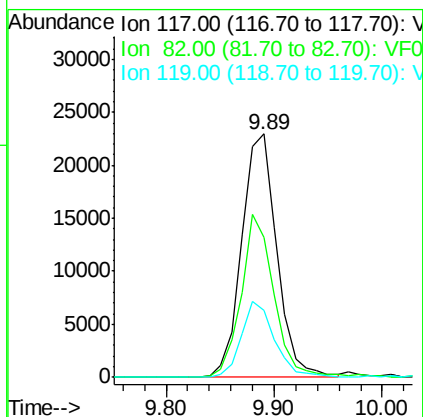
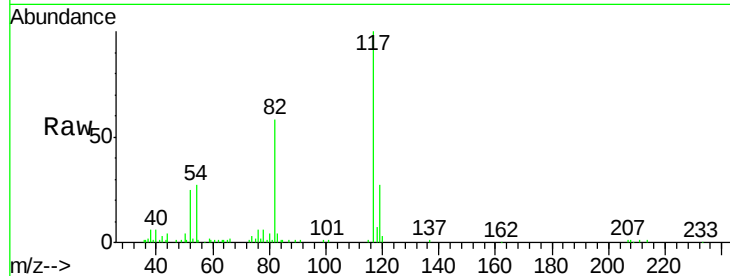




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059437.D
Acq: 5 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-032RE

Tot Ion:117 Resp: 51852
Ion Ratio Lower Upper
117 100
82 57.5 44.6 66.8
119 27.4 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059437.D
Acq: 5 Jul 2018 16:40

Tgt Ion:152 Resp: 26123
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 144.7 0.0 305.2

