

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059710.D
 Acq On : 31 Jul 2018 15:38
 Operator : VA/AP
 Sample : J4140-06
 Misc : 6.33q/5mL/MSVOA F/SOIL
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(115-117)

Quant Time: Jul 31 16:33:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	15792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	17369	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	12043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	4332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	4883	17.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	34.42%	
35) Dibromofluoromethane	4.29	113	6772	37.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.08%	
50) Toluene-d8	7.70	98	17752	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	
62) 4-Bromofluorobenzene	11.51	95	4747	20.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.76%	

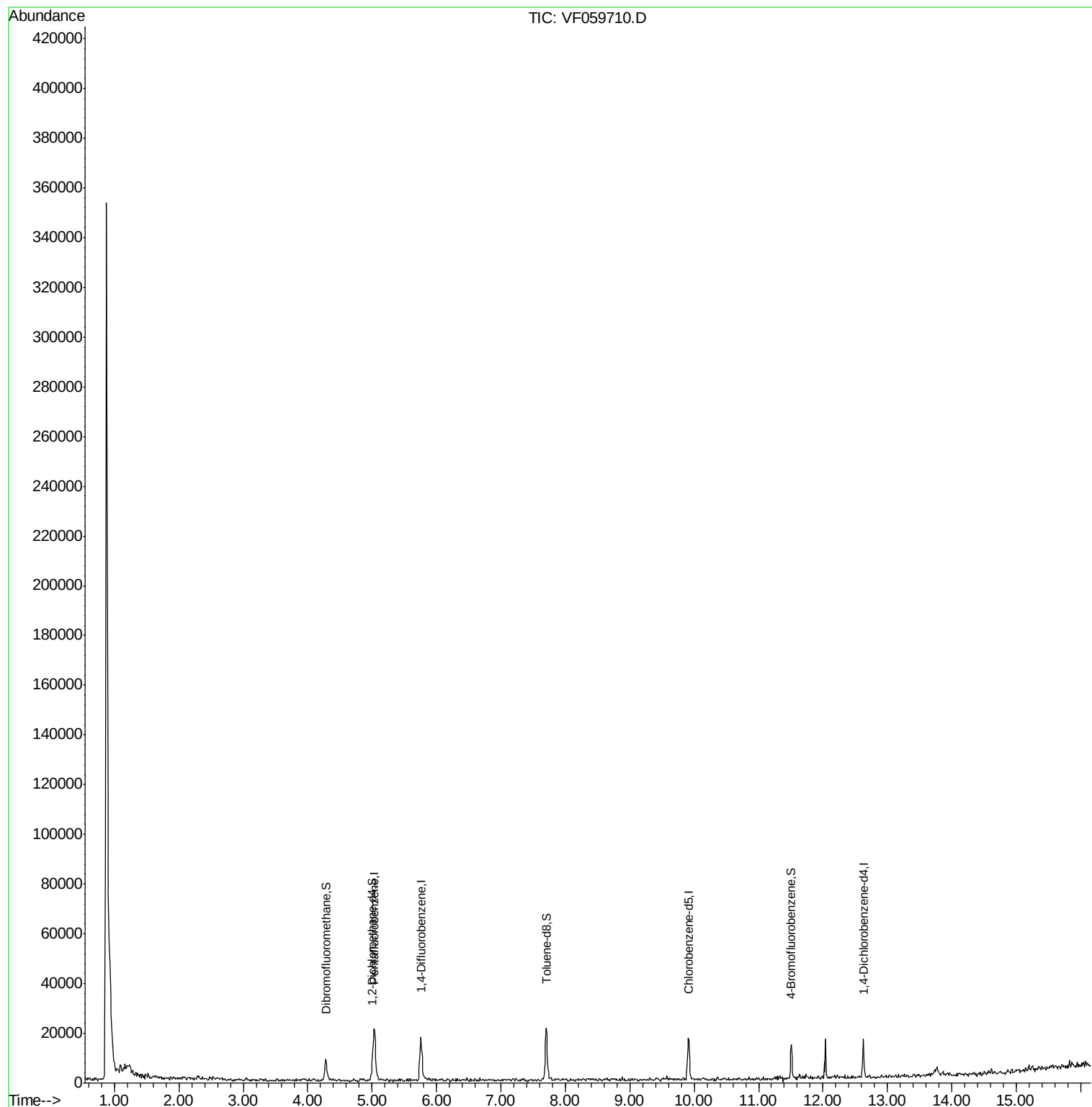
Target Compounds	Qvalue

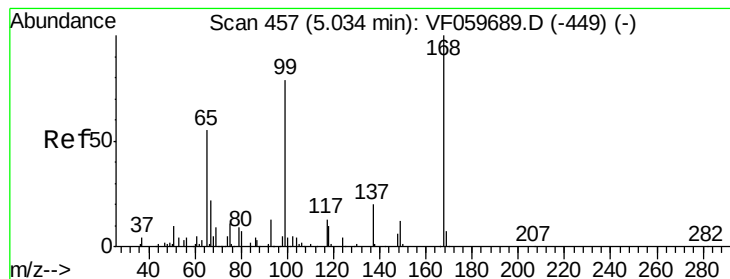
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF073118\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059710.D

Acq: 31 Jul 2018 15:38

Instrument :

MSVOA_F

ClientSampleId :

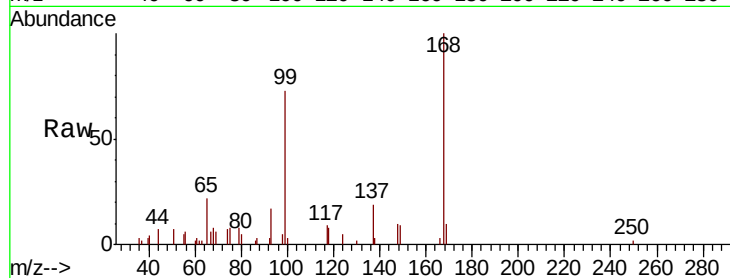
EPE-F-8(115-117)

Tot Ion:168 Resp: 15792

Ion Ratio Lower Upper

168 100

99 72.6 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

6000

5000

4000

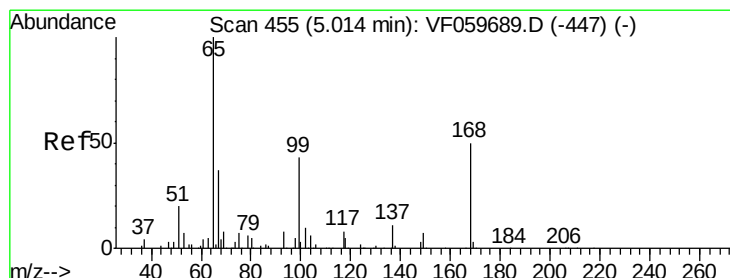
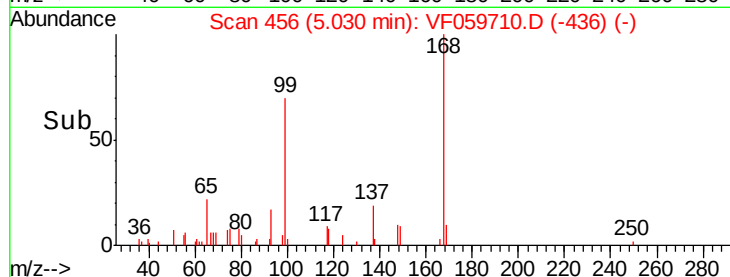
3000

2000

1000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 17.205 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059710.D

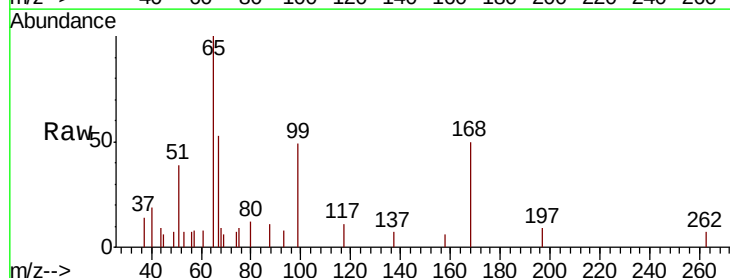
Acq: 31 Jul 2018 15:38

Tgt Ion: 65 Resp: 4883

Ion Ratio Lower Upper

65 100

67 53.4 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

2000

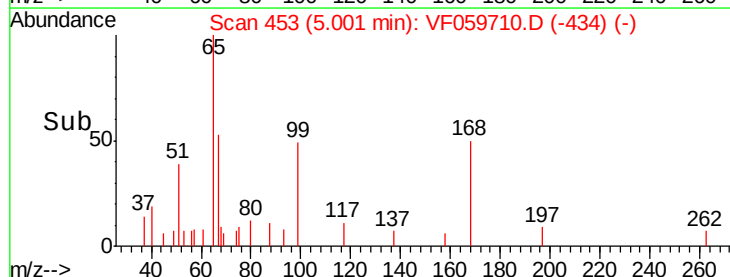
1500

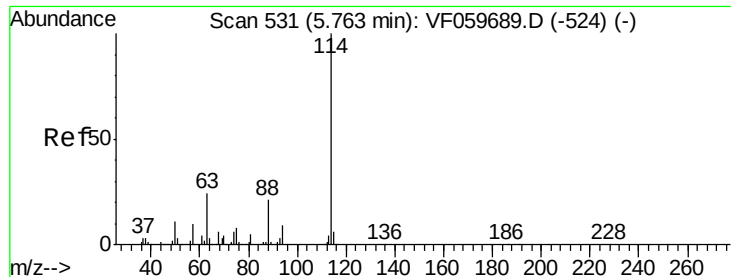
1000

500

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059710.D

Acq: 31 Jul 2018 15:38

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(115-117)

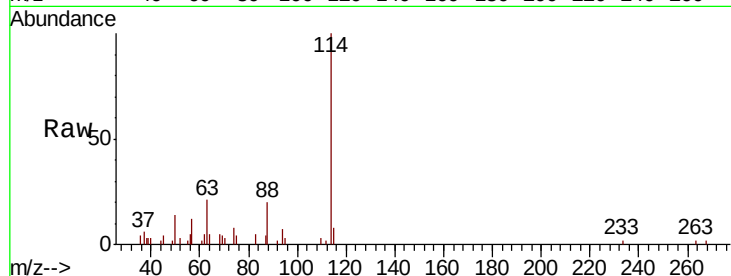
Tot Ion:114 Resp: 17369

Ion Ratio Lower Upper

114 100

63 20.8 0.0 47.4

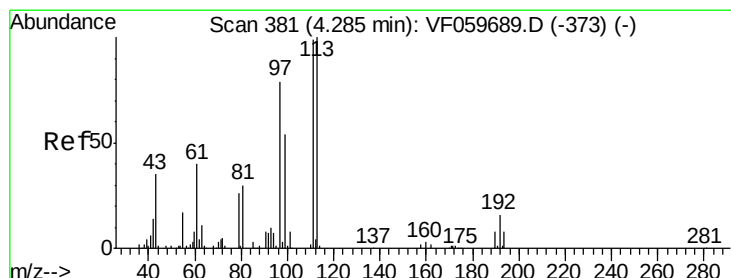
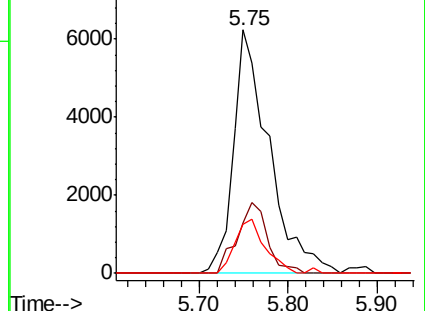
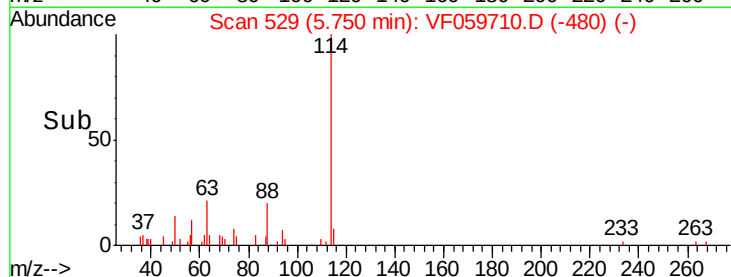
88 20.3 0.0 41.2



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: 37.538 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059710.D

Acq: 31 Jul 2018 15:38

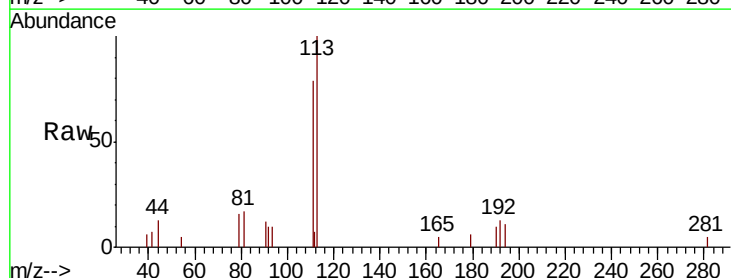
Tgt Ion:113 Resp: 6772

Ion Ratio Lower Upper

113 100

111 79.0 79.0 118.4#

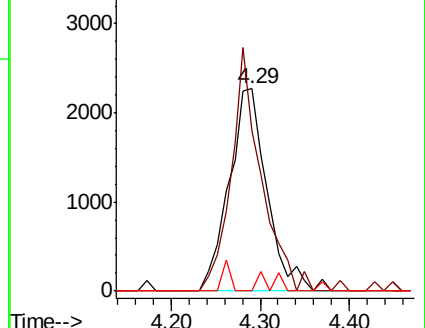
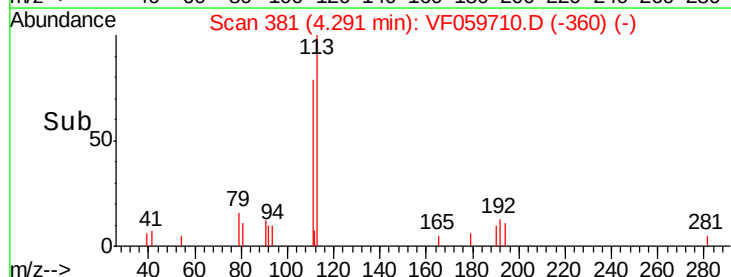
192 0.0 13.2 19.8#

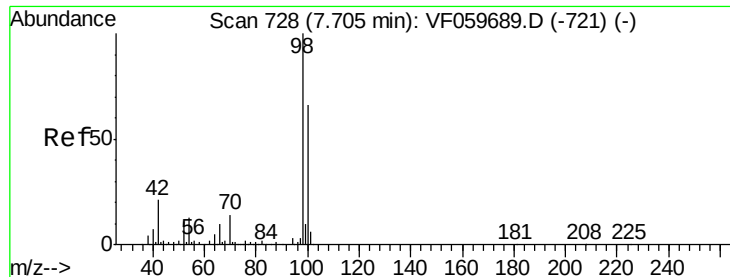


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

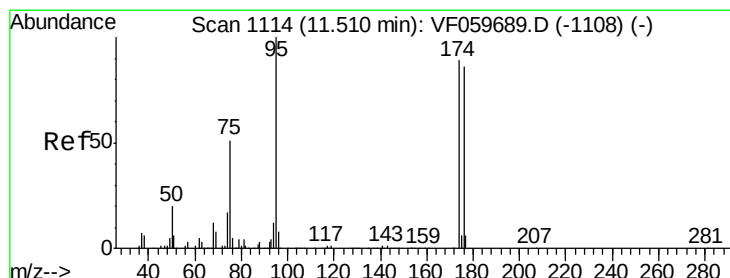
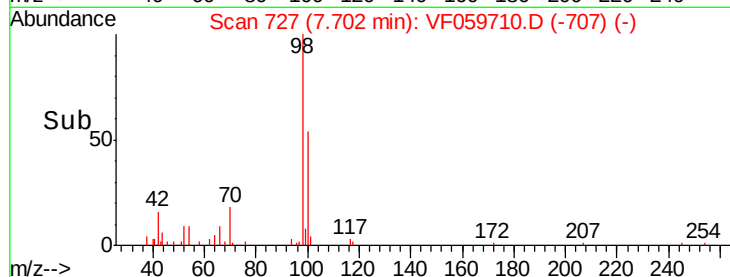
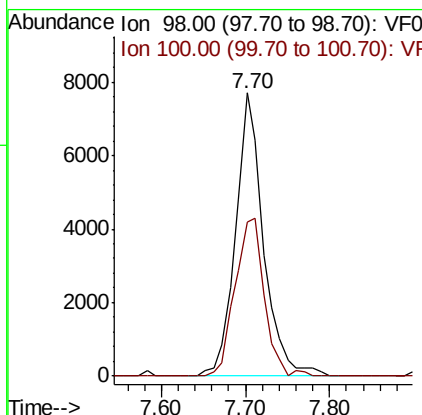
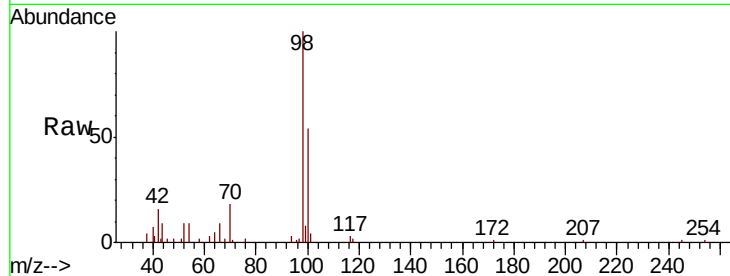




#50
Toluene-d8
Concen: 42.197 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059710.D
Acq: 31 Jul 2018 15:38

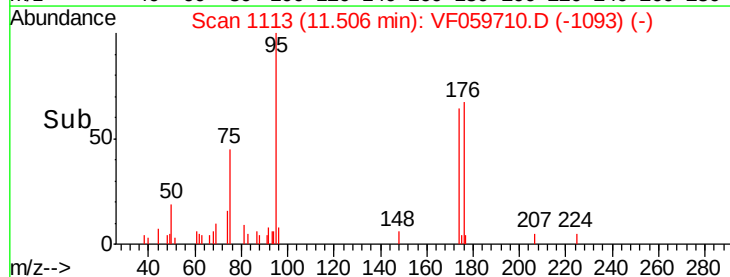
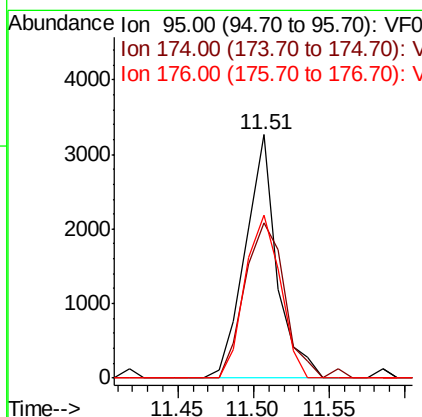
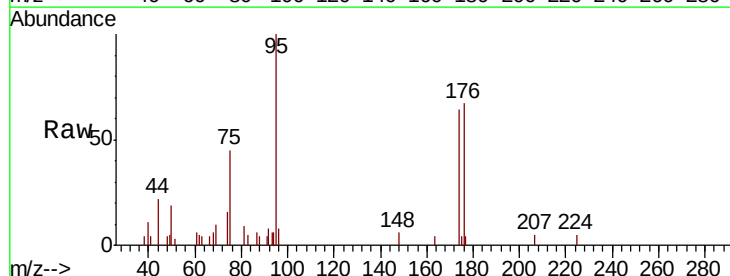
Instrument :
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EPE-F-8(115-117)

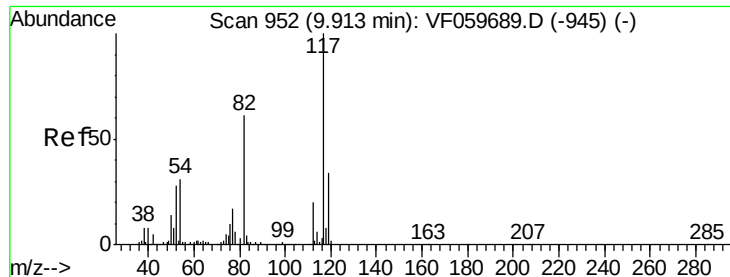
Tot Ion: 98 Resp: 17752
Ion Ratio Lower Upper
98 100
100 54.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 20.382 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059710.D
Acq: 31 Jul 2018 15:38

Tgt Ion: 95 Resp: 4747
Ion Ratio Lower Upper
95 100
174 64.0 0.0 178.4
176 67.0 0.0 173.0

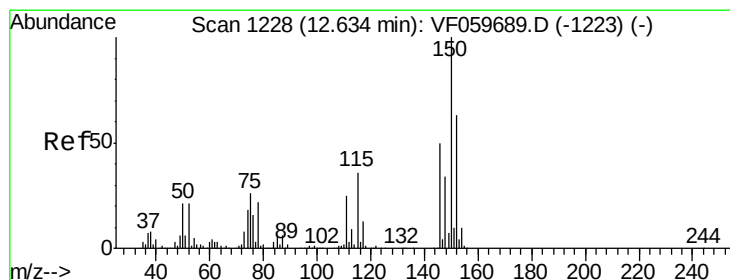
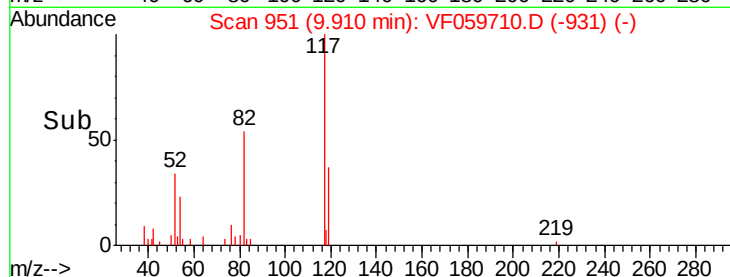
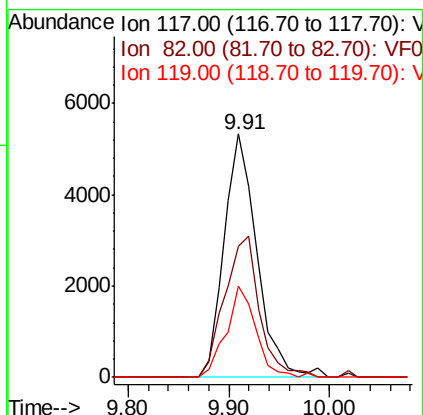
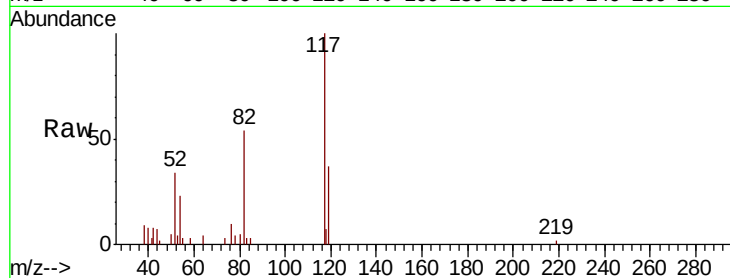




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059710.D
Acq: 31 Jul 2018 15:38

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(115-117)

Tot Ion:117 Resp: 12043
Ion Ratio Lower Upper
117 100
82 53.9 49.0 73.4
119 37.4 27.3 40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059710.D
Acq: 31 Jul 2018 15:38

Tgt Ion:152 Resp: 4332
Ion Ratio Lower Upper
152 100
115 34.8 28.2 84.6
150 120.7 0.0 316.2

