

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059714.D
 Acq On : 31 Jul 2018 17:30
 Operator : VA/AP
 Sample : J4140-10
 Misc : 6.11g/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(140-142)

Quant Time: Jul 31 17:50:56 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

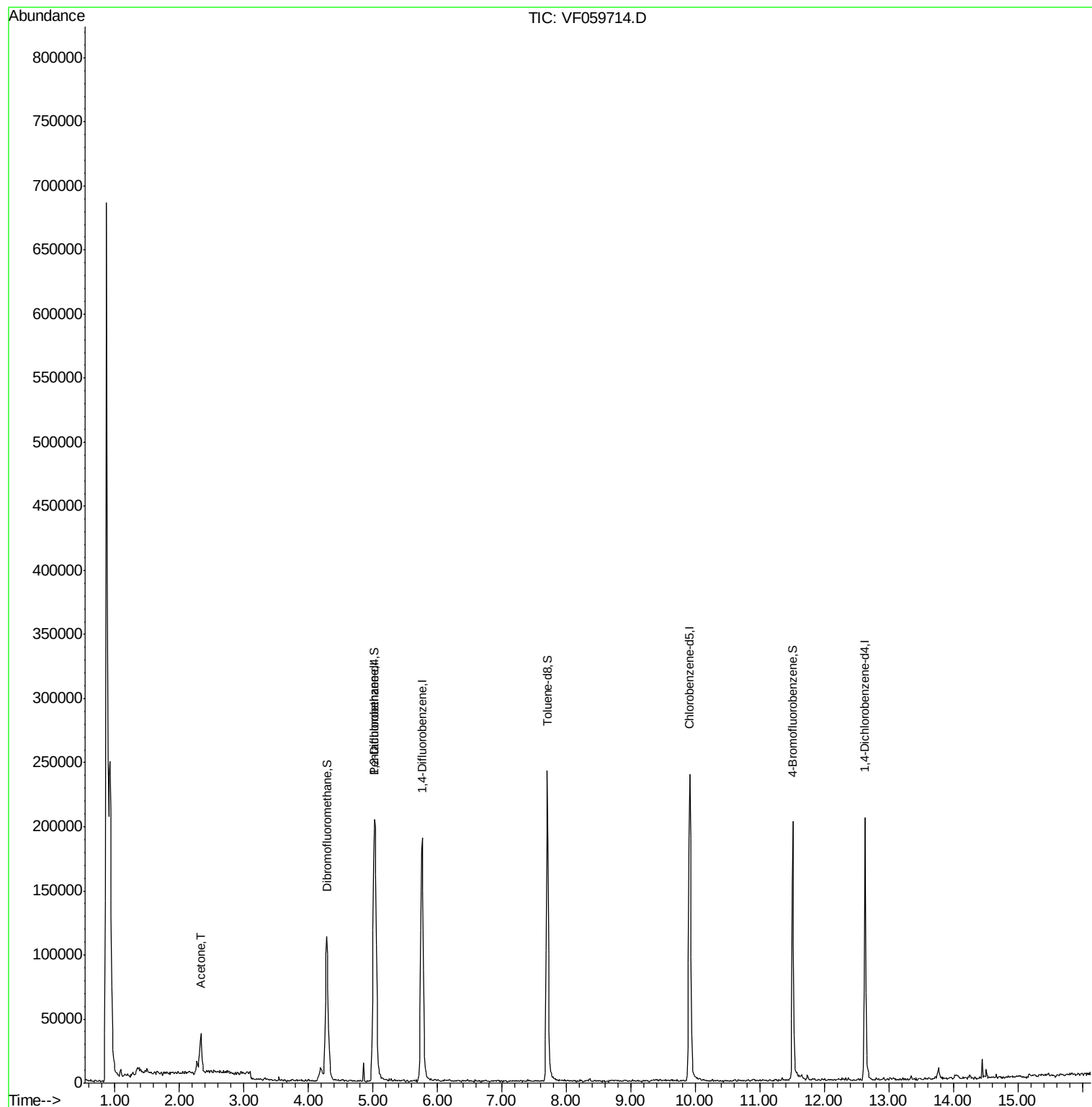
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	124714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	183474	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	154875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	53872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	119848	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	4.29	113	100204	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	7.71	98	182440	41.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.10%	
62) 4-Bromofluorobenzene	11.51	95	67408	27.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.80%	
Target Compounds						
16) Acetone	2.33	43	43381	107.603	ug/l	Qvalue 98

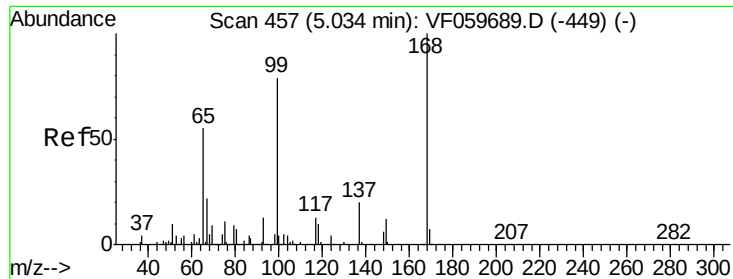
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059714.D

Acq: 31 Jul 2018 17:30

Instrument :

MSVOA_F

ClientSampleId :

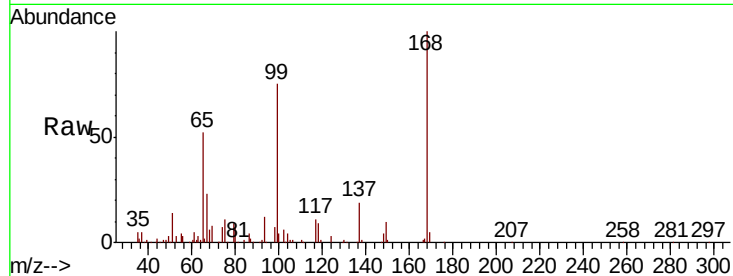
EPE-F-8(140-142)

Tot Ion:168 Resp: 124714

Ion Ratio Lower Upper

168 100

99 75.4 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

40000

30000

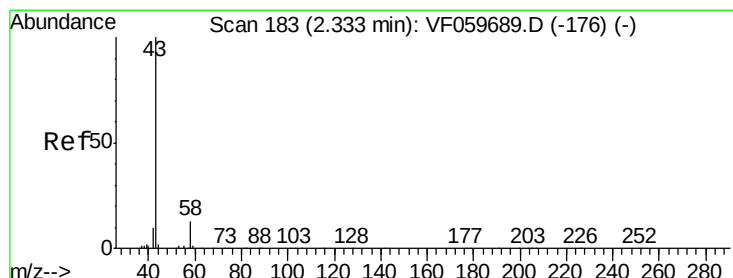
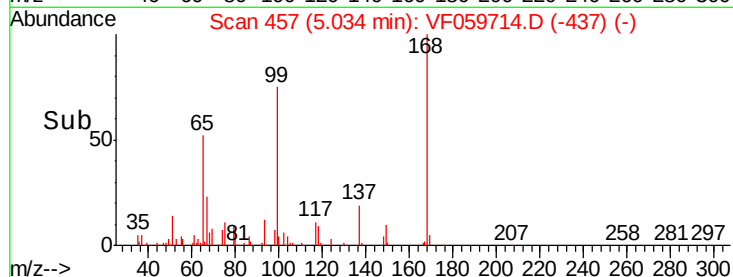
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 107.603 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059714.D

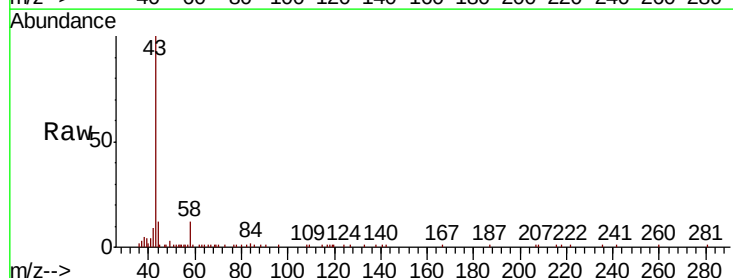
Acq: 31 Jul 2018 17:30

Tgt Ion: 43 Resp: 43381

Ion Ratio Lower Upper

43 100

58 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

20000

15000

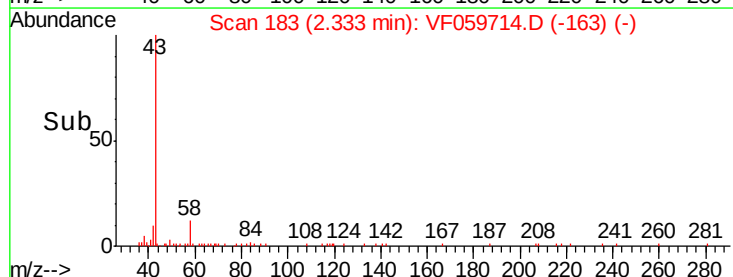
10000

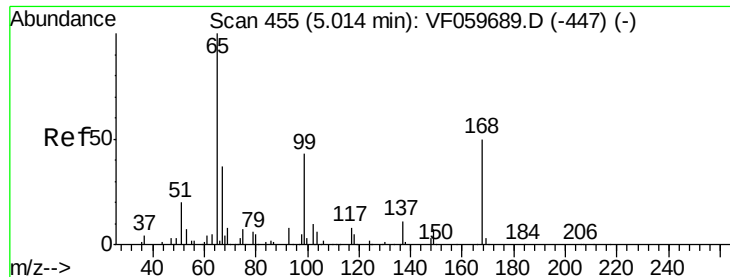
5000

0

2.30 2.40

Time-->

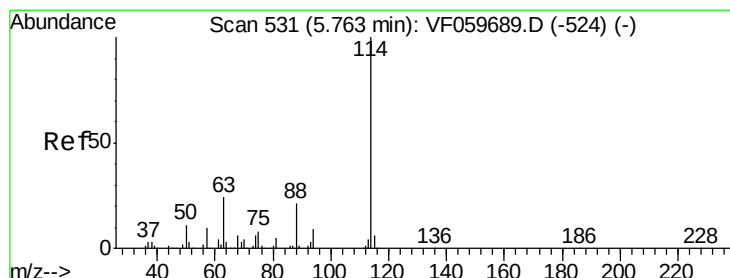
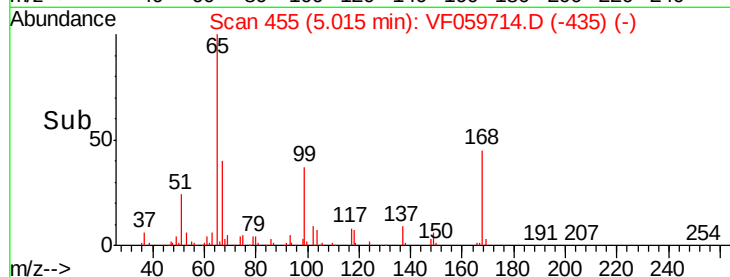
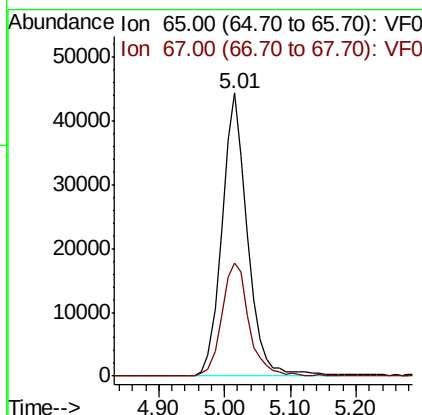
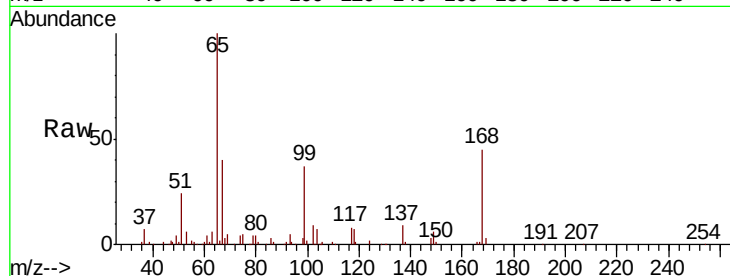




#33
 1,2-Dichloroethane-d4
 Concen: 53.471 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059714.D
 Acq: 31 Jul 2018 17:30

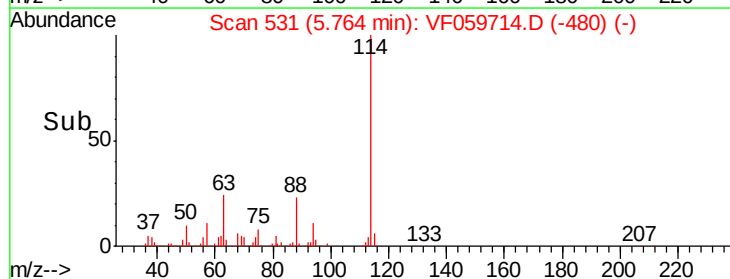
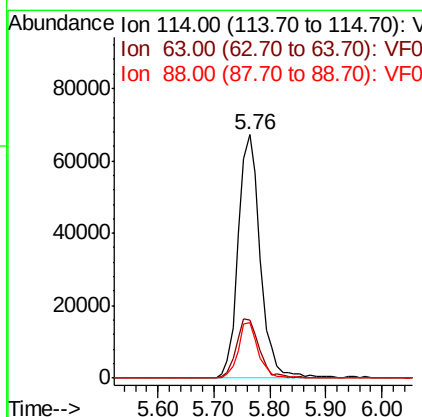
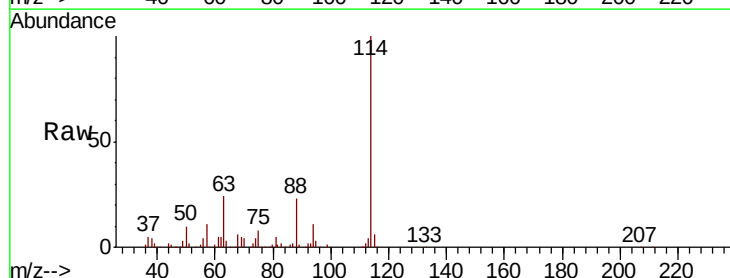
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(140-142)

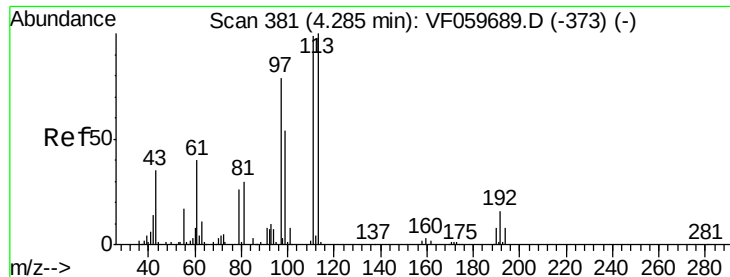
Tot Ion: 65 Resp: 119848
 Ion Ratio Lower Upper
 65 100
 67 40.2 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059714.D
 Acq: 31 Jul 2018 17:30

Tgt Ion: 114 Resp: 183474
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.4
 88 22.6 0.0 41.2





#35

Dibromofluoromethane

Concen: 52.582 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059714.D

Acq: 31 Jul 2018 17:30

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(140-142)

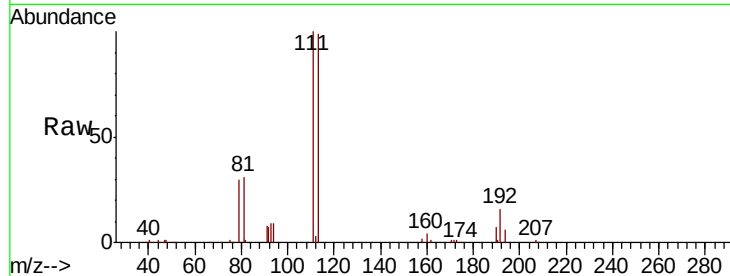
Tot Ion:113 Resp: 100204

Ion Ratio Lower Upper

113 100

111 100.5 79.0 118.4

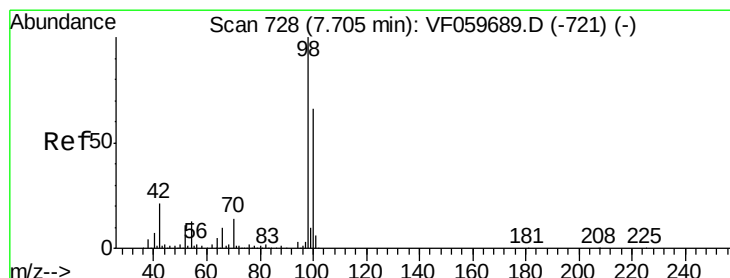
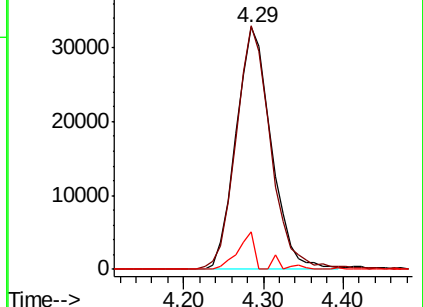
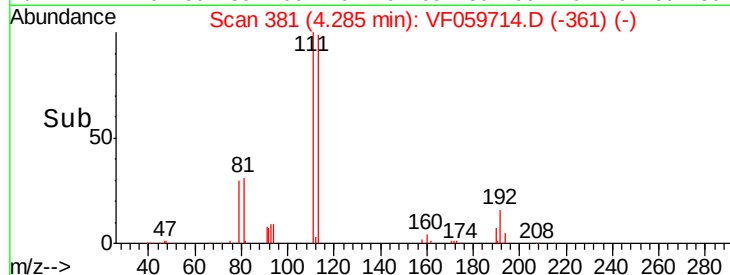
192 15.7 13.2 19.8



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: 41.054 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059714.D

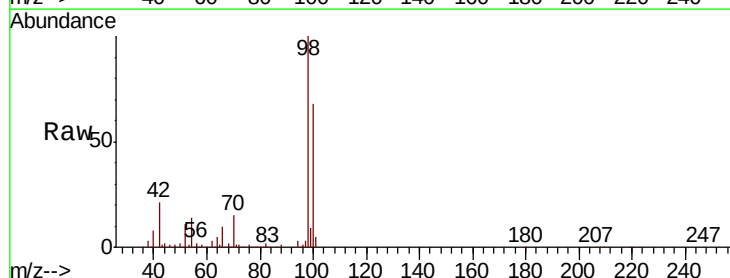
Acq: 31 Jul 2018 17:30

Tgt Ion: 98 Resp: 182440

Ion Ratio Lower Upper

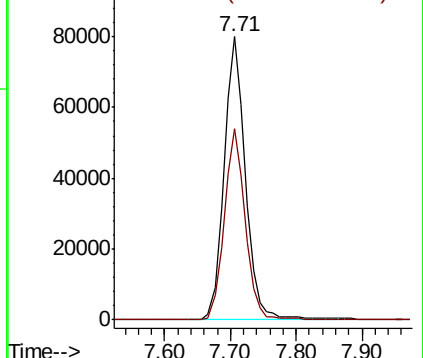
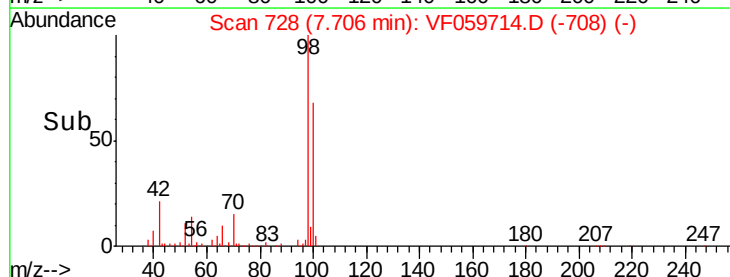
98 100

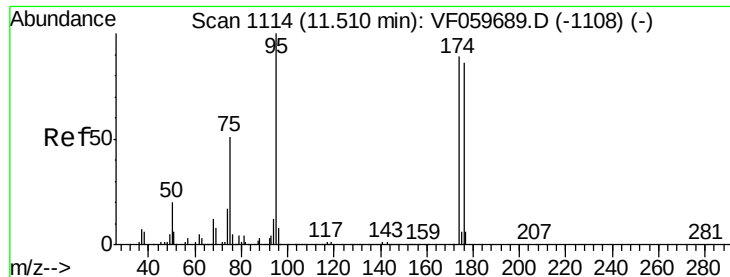
100 67.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

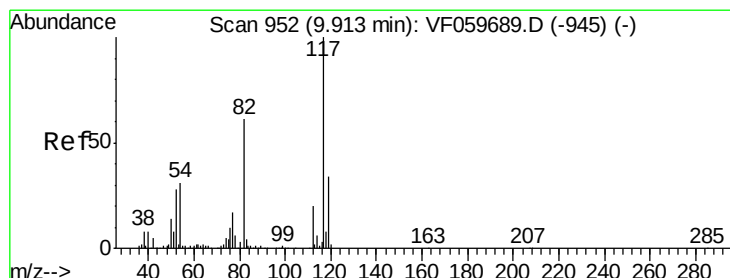
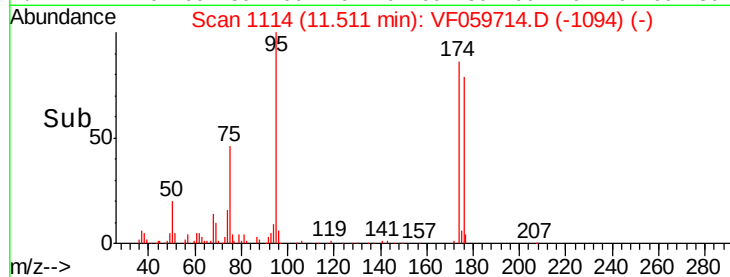
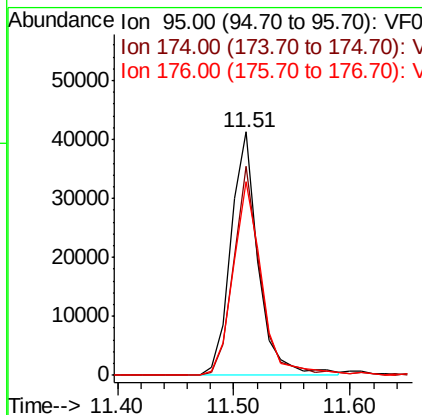
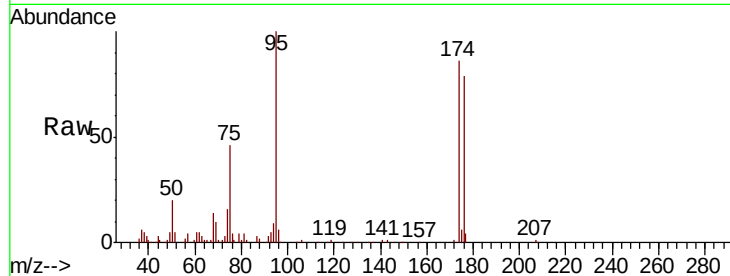




#62
4-Bromofluorobenzene
Concen: 27.400 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059714.D
Acq: 31 Jul 2018 17:30

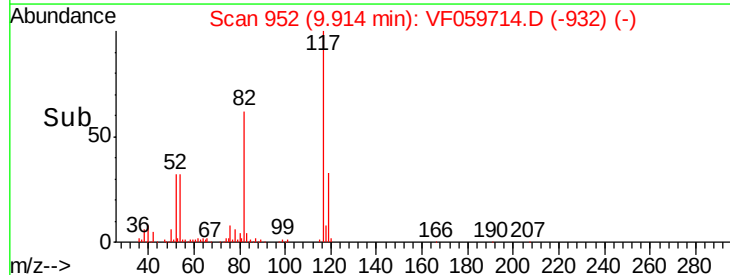
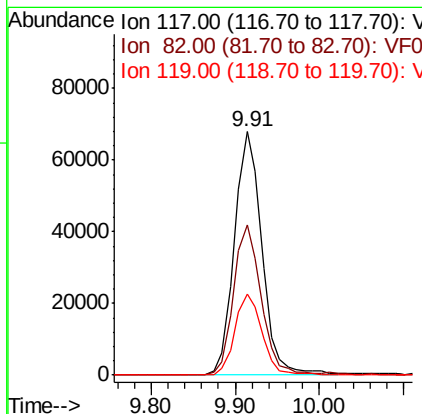
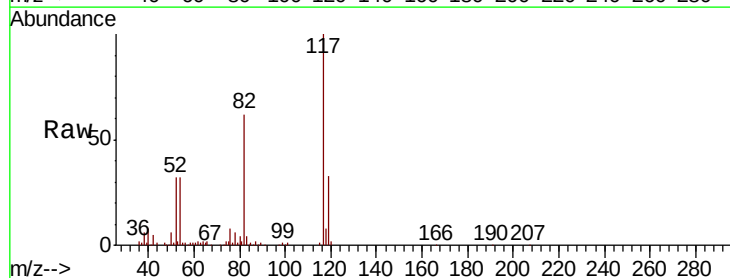
Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(140-142)

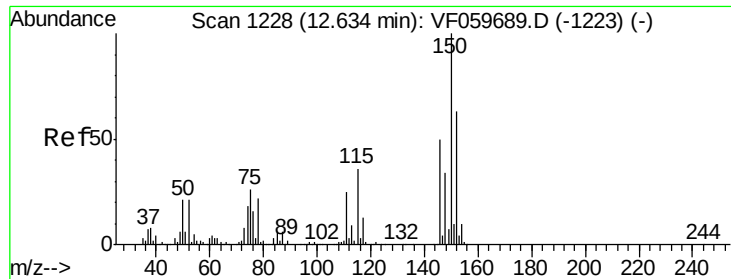
Tot Ion: 95 Resp: 67408
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.4
176 79.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059714.D
Acq: 31 Jul 2018 17:30

Tgt Ion: 117 Resp: 154875
Ion Ratio Lower Upper
117 100
82 61.8 49.0 73.4
119 33.5 27.3 40.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059714.D

Acq: 31 Jul 2018 17:30

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(140-142)

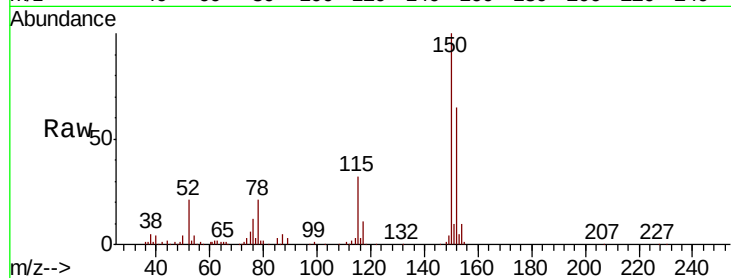
Tot Ion:152 Resp: 53872

Ion Ratio Lower Upper

152 100

115 49.7 28.2 84.6

150 153.8 0.0 316.2



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

