

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059713.D
 Acq On : 31 Jul 2018 17:02
 Operator : VA/AP
 Sample : J4140-09
 Misc : 5.52g/5mL/MSVOA F/SOIL
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(135-137)

Quant Time: Jul 31 17:37:20 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

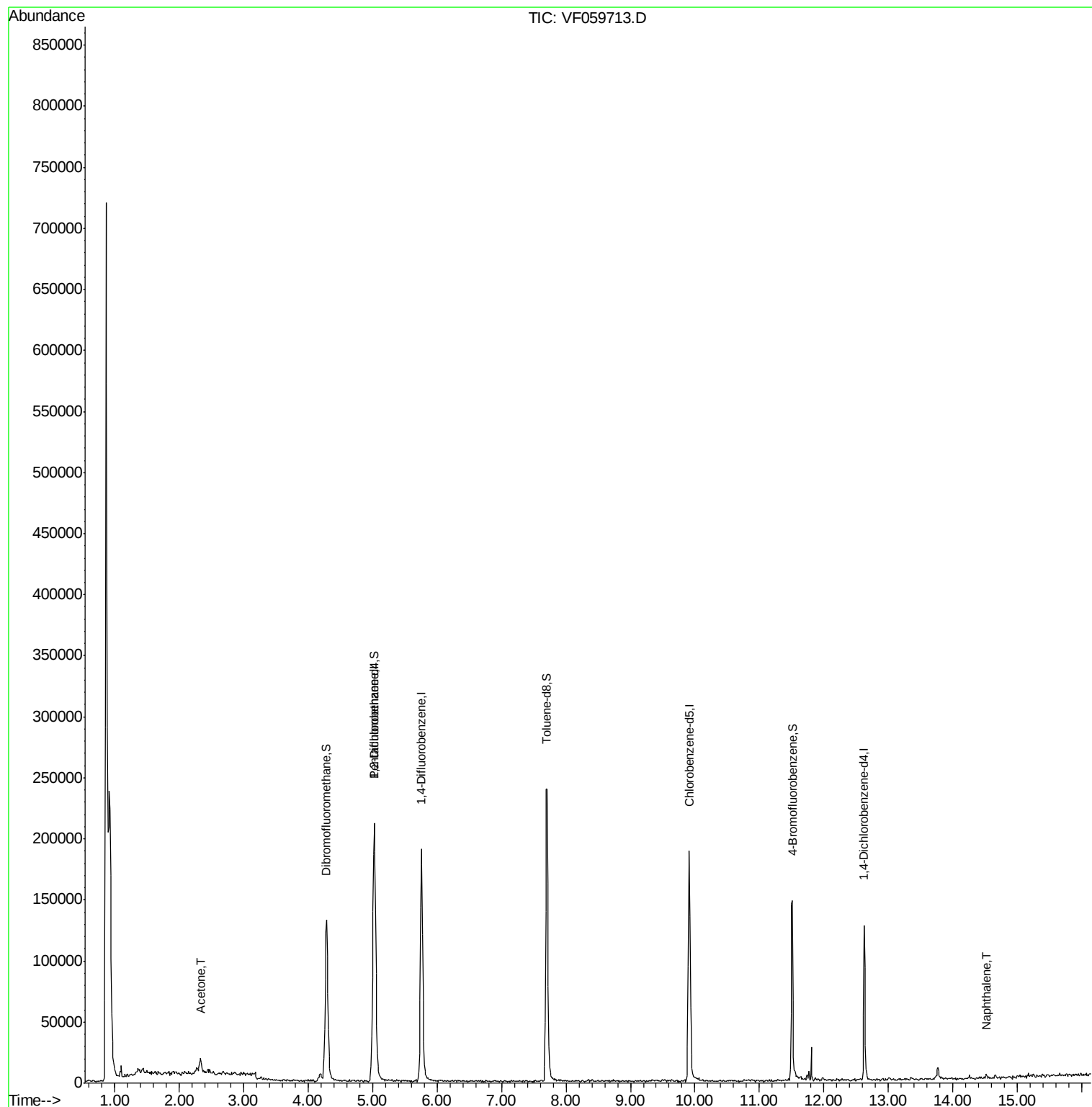
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	111808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	179162	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	128618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	30193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	139167	69.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.52%	
35) Dibromofluoromethane	4.29	113	112419	60.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.82%	
50) Toluene-d8	7.71	98	191918	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.50	95	52666	21.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.84%	
Target Compounds						
16) Acetone	2.33	43	21197	58.647	ug/l #	91
95) Naphthalene	14.52	128	2044	1.570	ug/l #	80

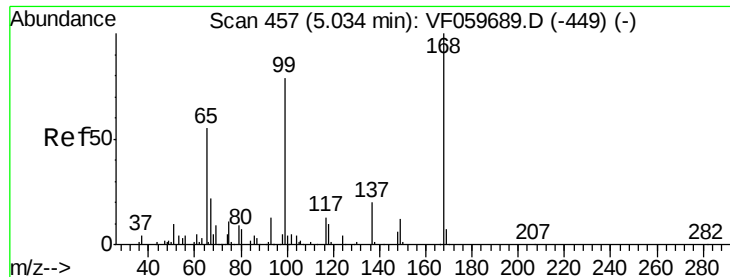
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059713.D

Acq: 31 Jul 2018 17:02

Instrument :

MSVOA_F

ClientSampleId :

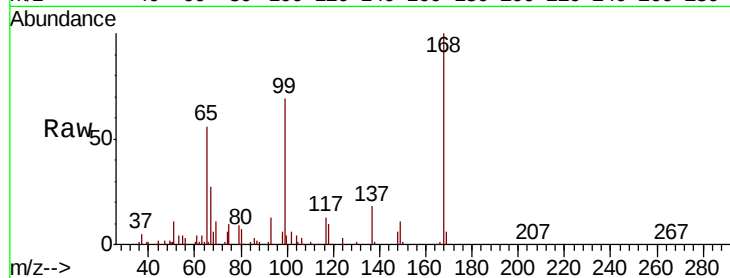
EPE-F-8(135-137)

Tot Ion:168 Resp: 111808

Ion Ratio Lower Upper

168 100

99 68.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

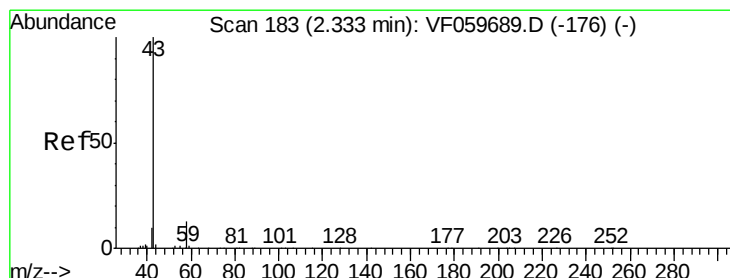
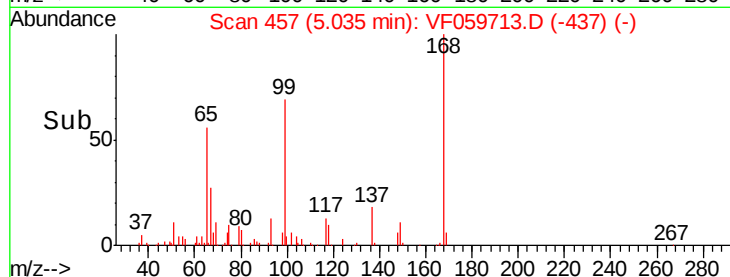
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 58.647 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059713.D

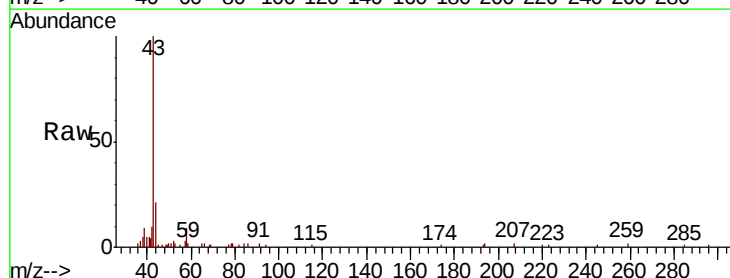
Acq: 31 Jul 2018 17:02

Tgt Ion: 43 Resp: 21197

Ion Ratio Lower Upper

43 100

58 9.0 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

10000

8000

6000

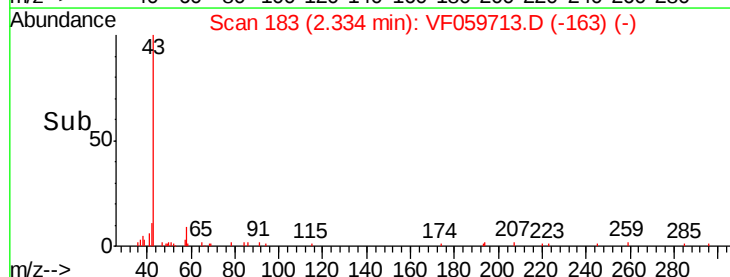
4000

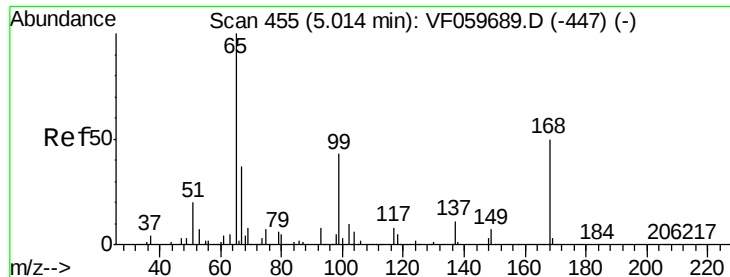
2000

0

Time-->

2.20 2.30 2.40

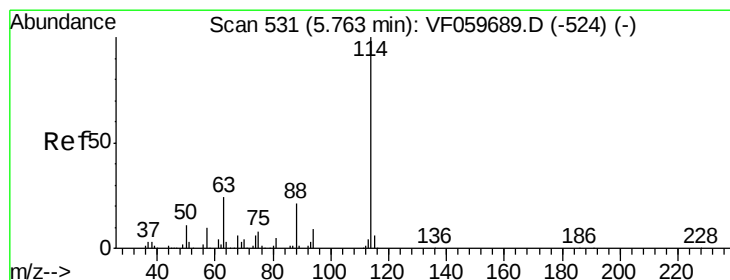
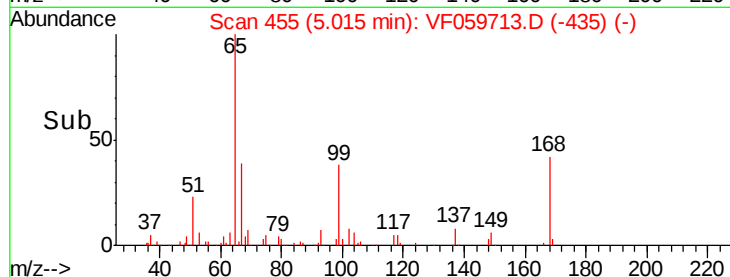
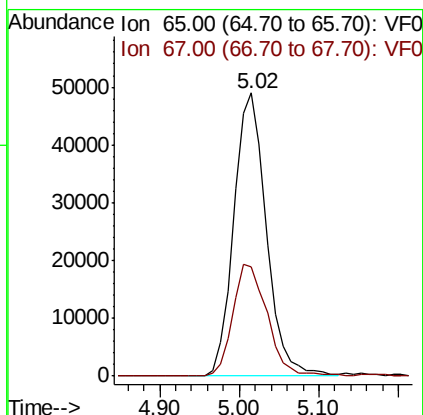
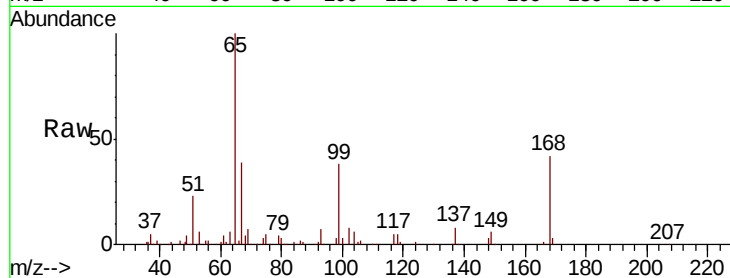




#33
 1,2-Dichloroethane-d4
 Concen: 69.258 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059713.D
 Acq: 31 Jul 2018 17:02

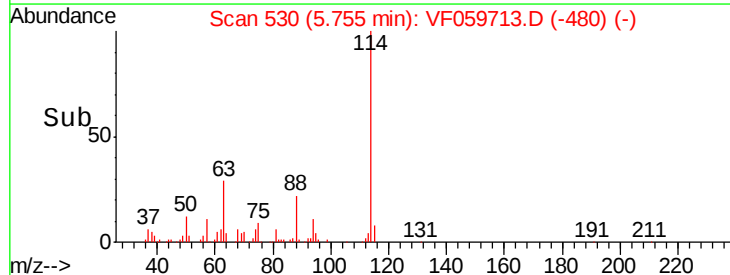
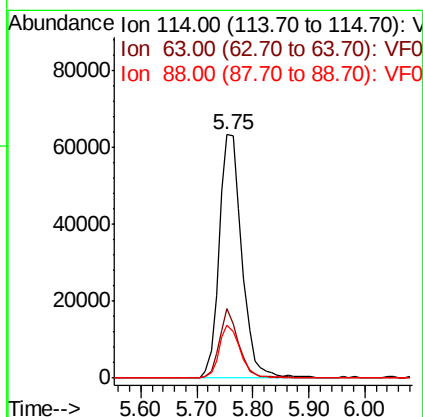
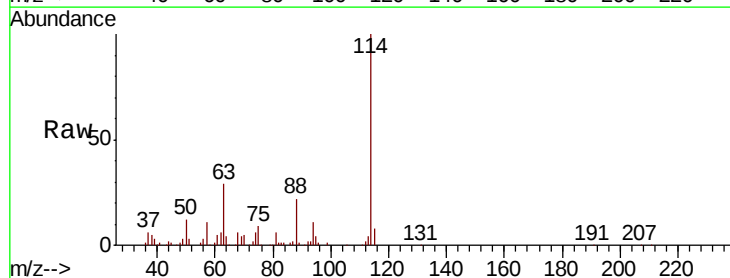
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(135-137)

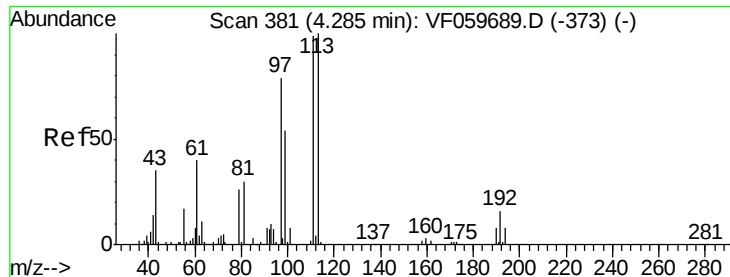
Tot Ion: 65 Resp: 139167
 Ion Ratio Lower Upper
 65 100
 67 38.6 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059713.D
 Acq: 31 Jul 2018 17:02

Tgt Ion: 114 Resp: 179162
 Ion Ratio Lower Upper
 114 100
 63 28.7 0.0 47.4
 88 21.7 0.0 41.2

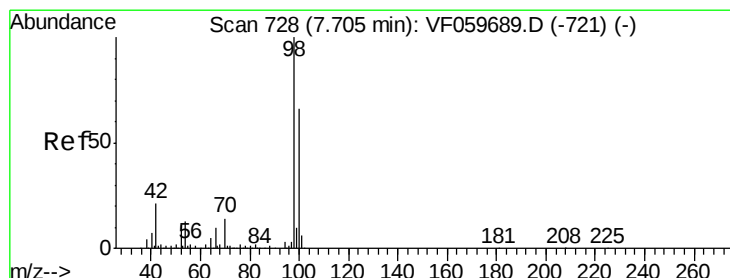
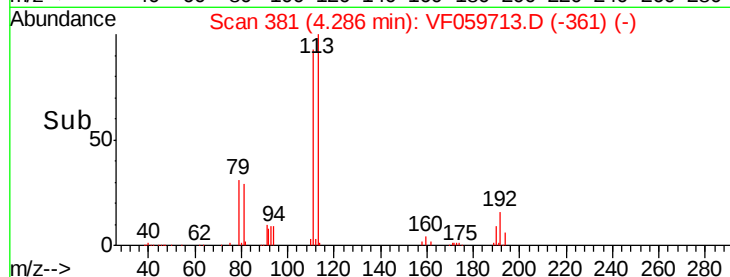
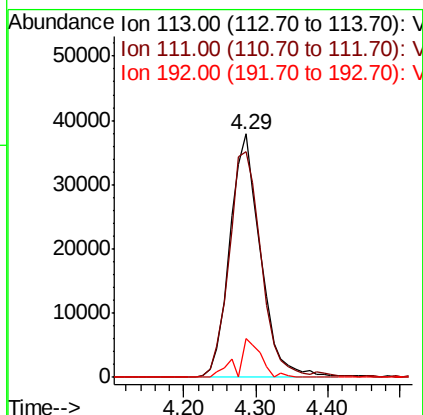
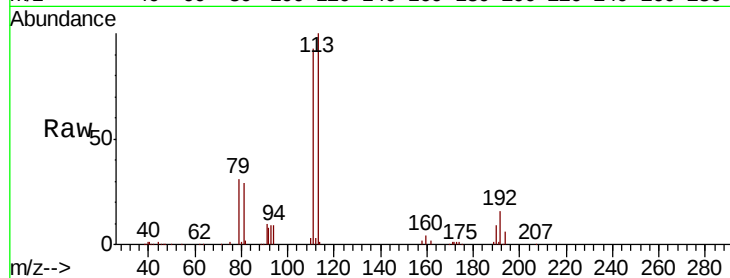




#35
 Dibromofluoromethane
 Concen: 60.412 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059713.D
 Acq: 31 Jul 2018 17:02

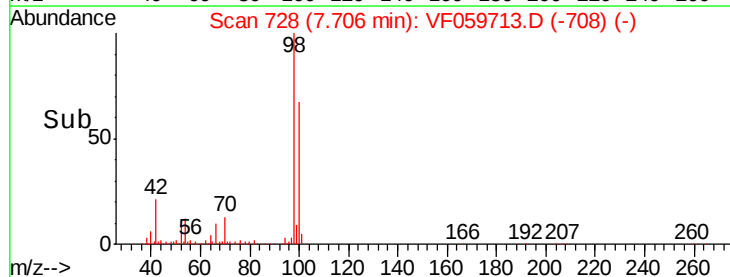
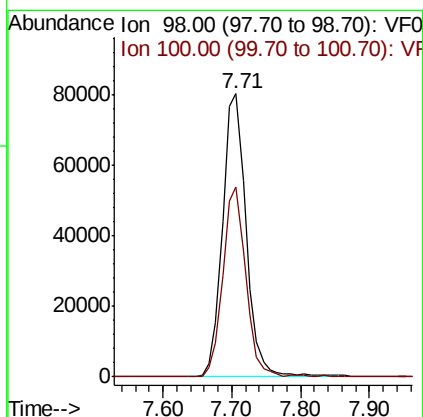
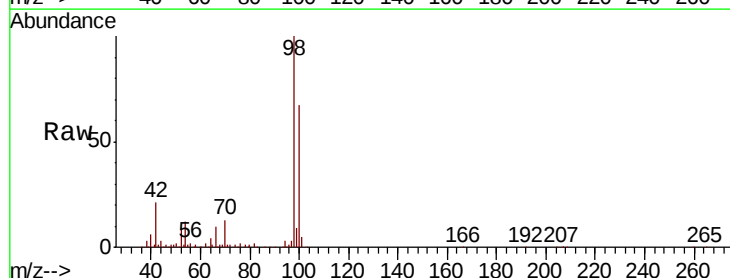
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(135-137)

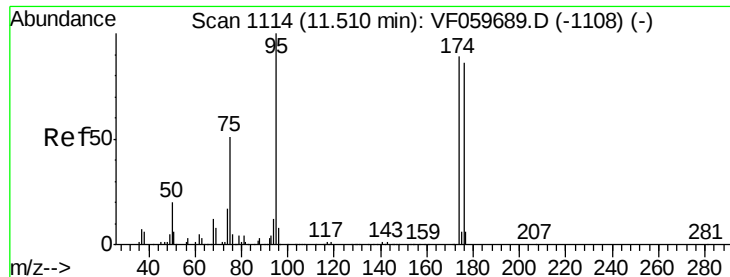
Tot Ion:113 Resp: 112419
 Ion Ratio Lower Upper
 113 100
 111 92.6 79.0 118.4
 192 16.1 13.2 19.8



#50
 Toluene-d8
 Concen: 44.226 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF059713.D
 Acq: 31 Jul 2018 17:02

Tgt Ion: 98 Resp: 191918
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 21.923 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059713.D

Acq: 31 Jul 2018 17:02

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(135-137)

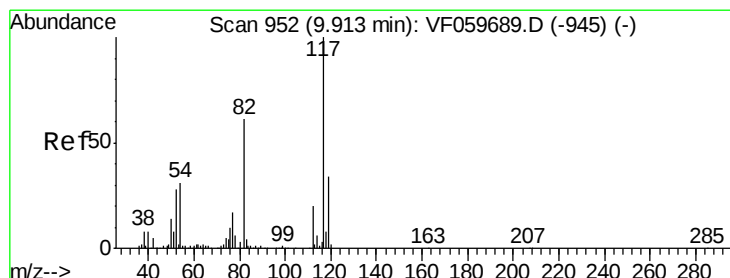
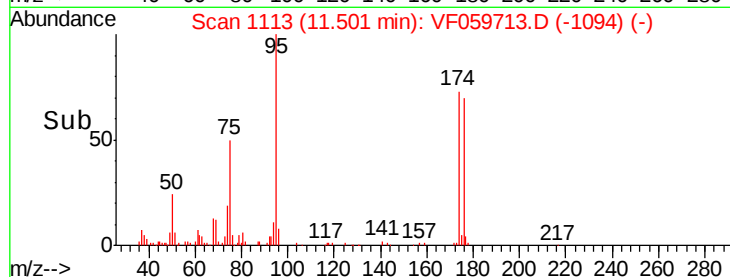
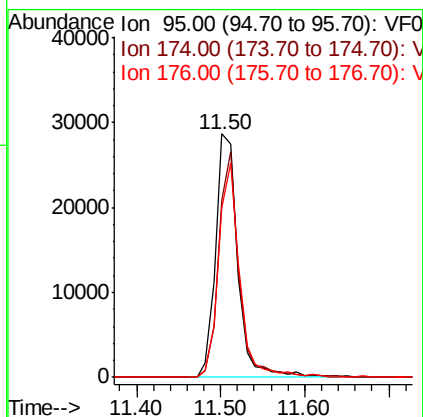
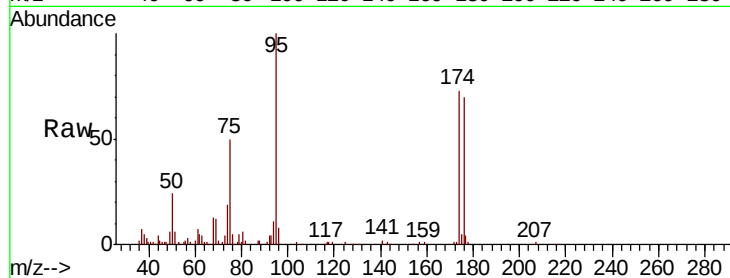
Tot Ion: 95 Resp: 52666

Ion Ratio Lower Upper

95 100

174 72.7 0.0 178.4

176 69.5 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: VF059713.D

Acq: 31 Jul 2018 17:02

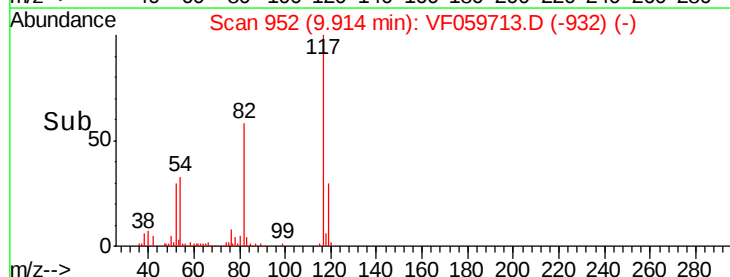
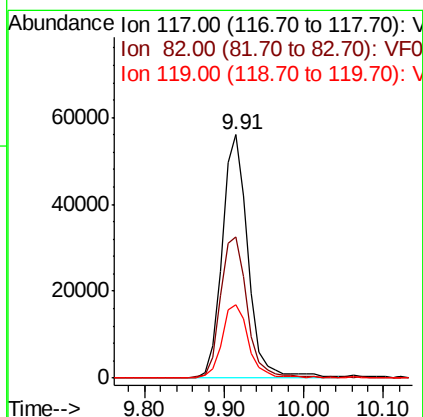
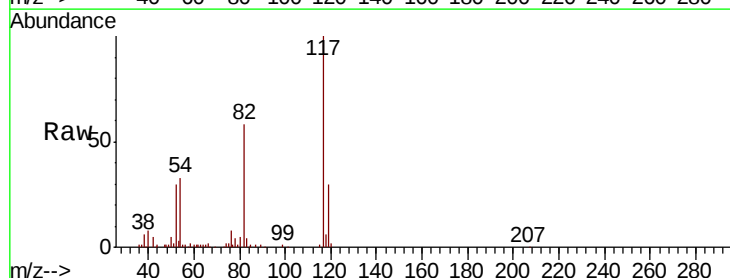
Tgt Ion: 117 Resp: 128618

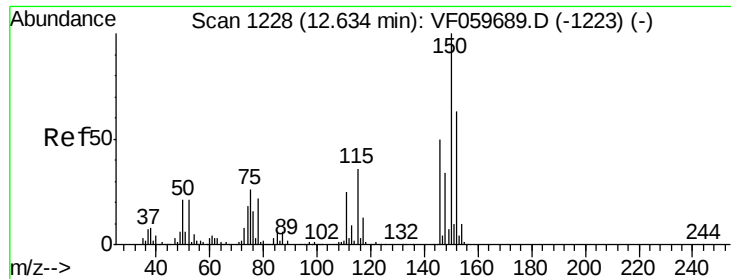
Ion Ratio Lower Upper

117 100

82 57.7 49.0 73.4

119 30.0 27.3 40.9



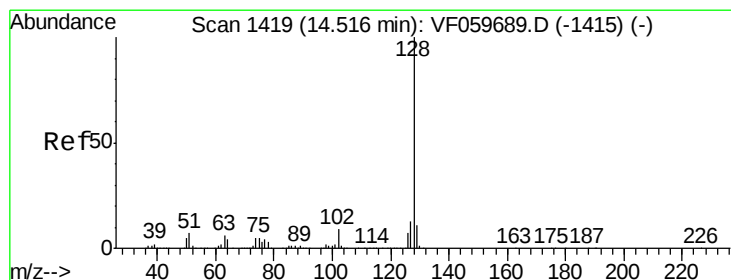
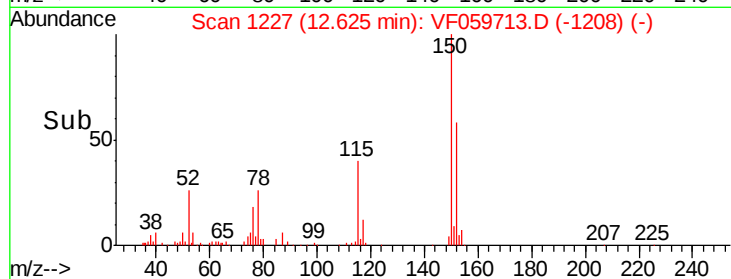
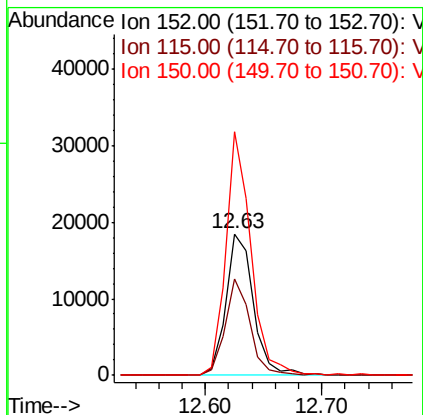
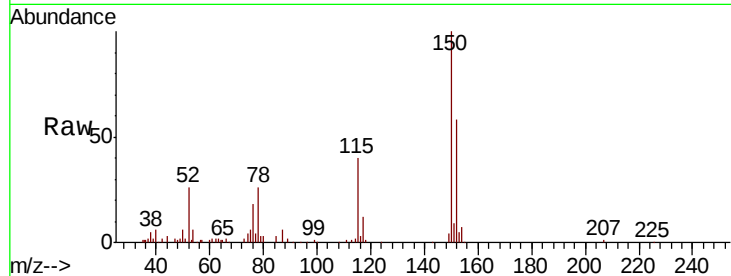


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059713.D
Acq: 31 Jul 2018 17:02

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(135-137)

Tot Ion:152 Resp: 30193
Ion Ratio Lower Upper
152 100
115 68.0 28.2 84.6
150 171.7 0.0 316.2



#95

Naphthalene
Concen: 1.570 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF059713.D
Acq: 31 Jul 2018 17:02

Tgt Ion:128 Resp: 2044
Ion Ratio Lower Upper
128 100
127 21.5 10.0 15.0#
129 17.3 8.6 13.0#

