

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059387.D
 Acq On : 2 Jul 2018 15:17
 Operator : VA/AP
 Sample : J3802-01
 Misc : 7.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-1(15.0)

Quant Time: Jul 03 10:37:25 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

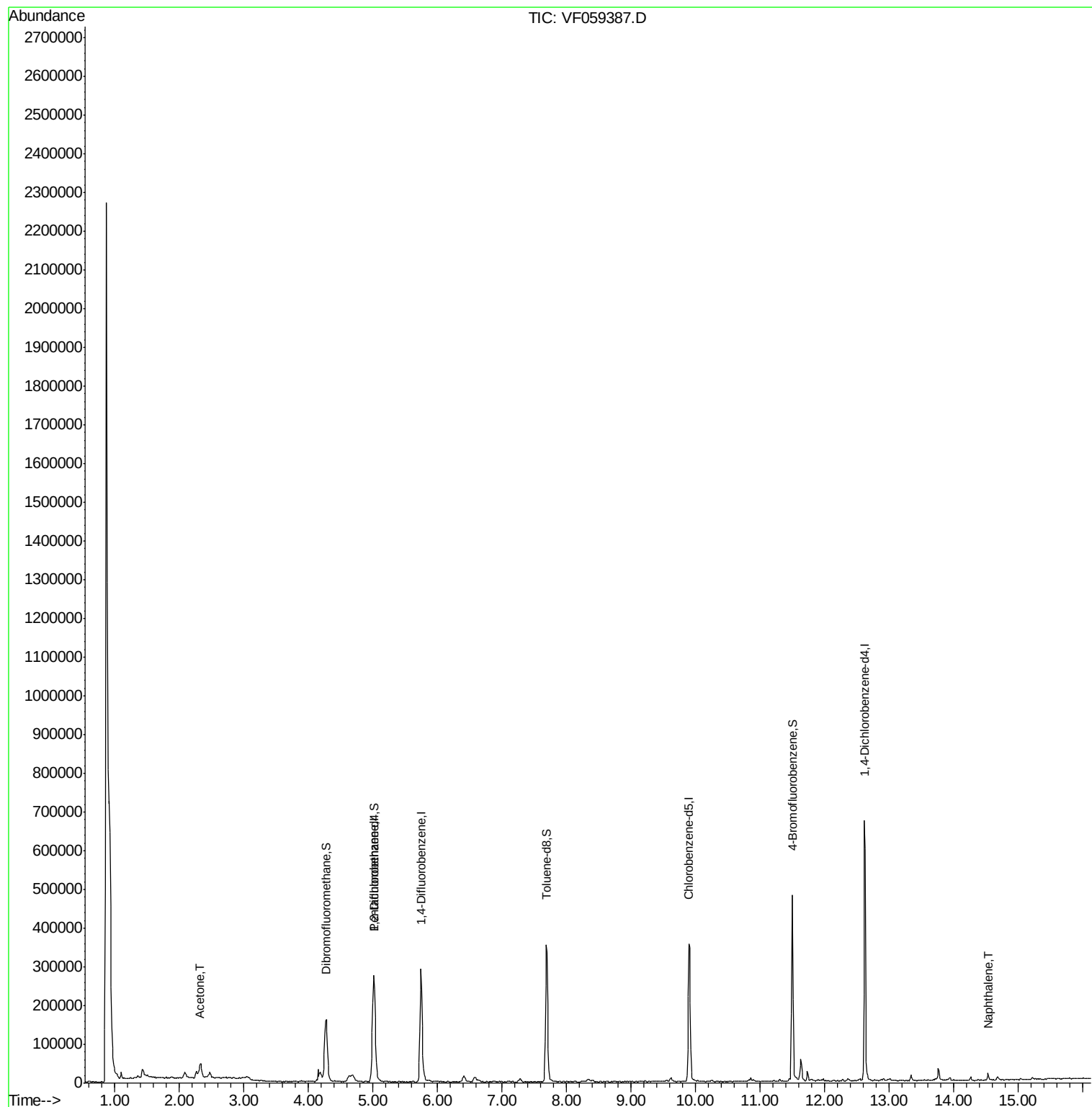
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	168658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	287448	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	251529	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	175052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	164917	75.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.36%	
35) Dibromofluoromethane	4.28	113	145019	69.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.10%	
50) Toluene-d8	7.69	98	293885	56.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	113.04%	
62) 4-Bromofluorobenzene	11.49	95	174742	59.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.14%	
Target Compounds						
16) Acetone	2.33	43	50130	85.40	ug/l	99
95) Naphthalene	14.53	128	9987	1.26	ug/l #	96

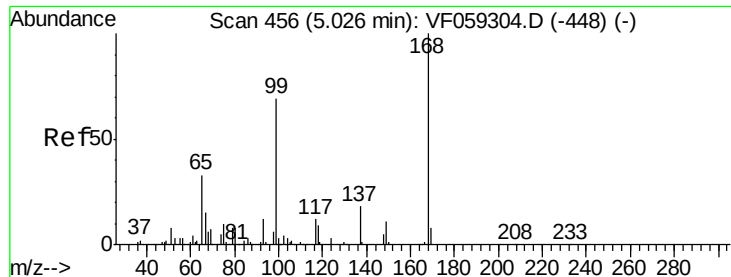
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059387.D

Acq: 2 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

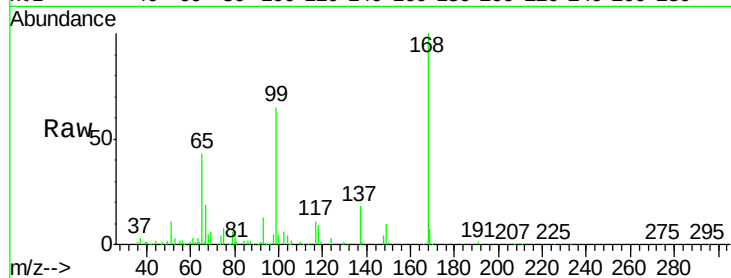
CF-1(15.0)

Tot Ion:168 Resp: 168658

Ion Ratio Lower Upper

168 100

99 64.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

60000

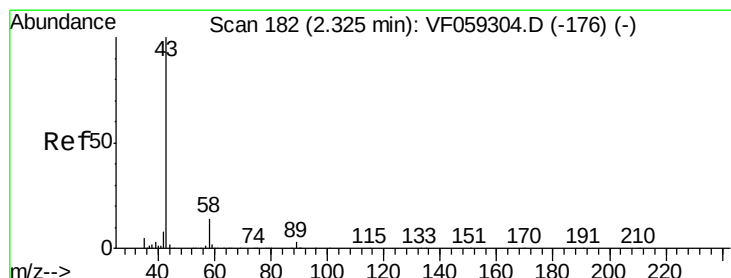
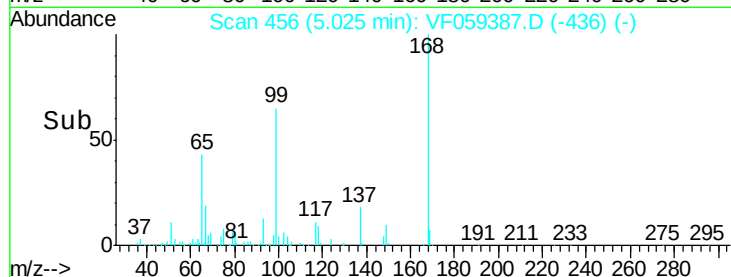
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 85.40 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059387.D

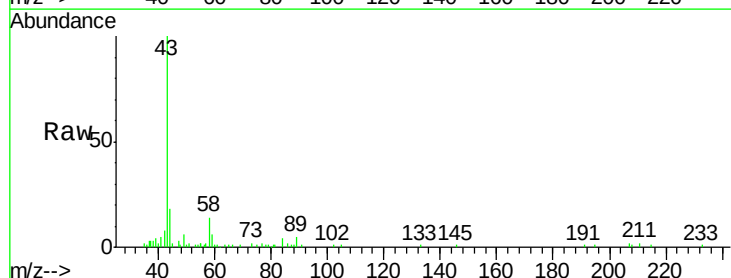
Acq: 2 Jul 2018 15:17

Tgt Ion: 43 Resp: 50130

Ion Ratio Lower Upper

43 100

58 13.9 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

25000

20000

15000

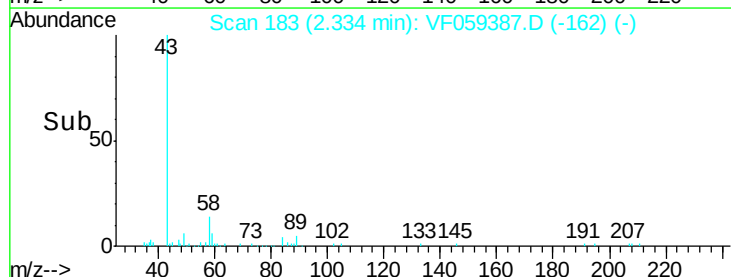
10000

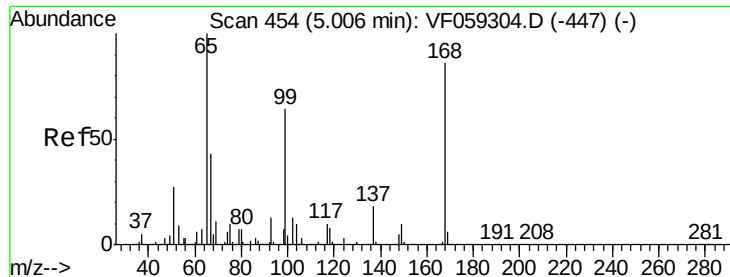
5000

0

2.25 2.30 2.35 2.40

Time-->

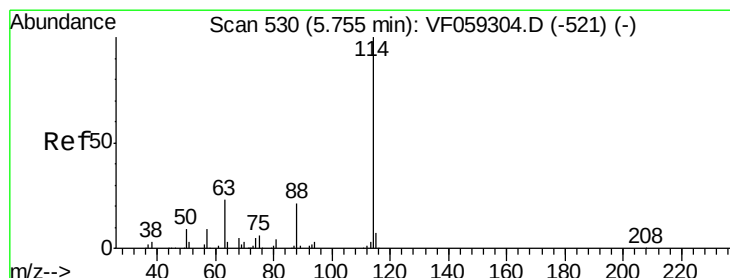
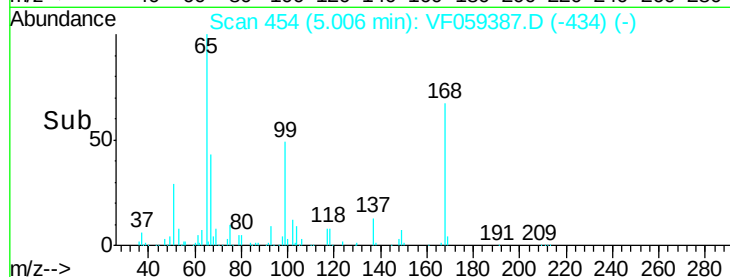
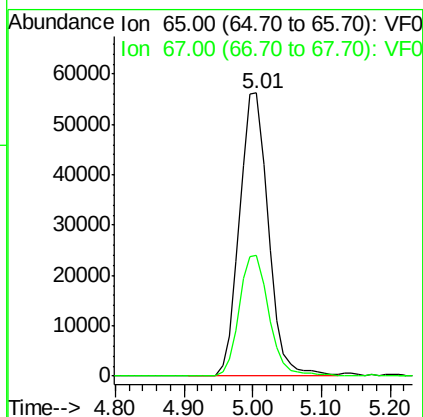
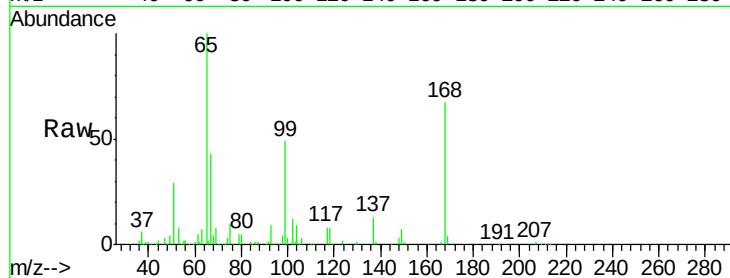




#33
 1,2-Dichloroethane-d4
 Concen: 75.68 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059387.D
 Acq: 2 Jul 2018 15:17

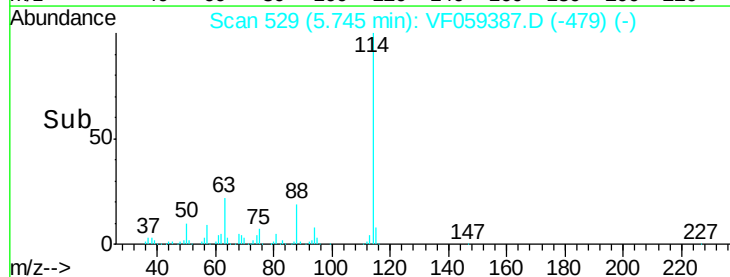
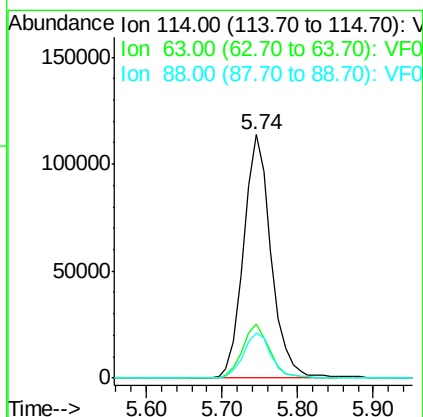
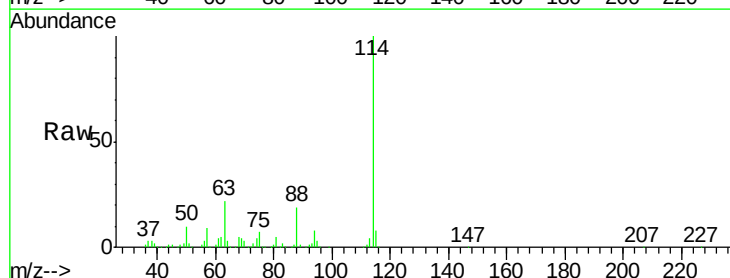
Instrument :
 MSVOA_F
 ClientSampleId :
 CF-1(15.0)

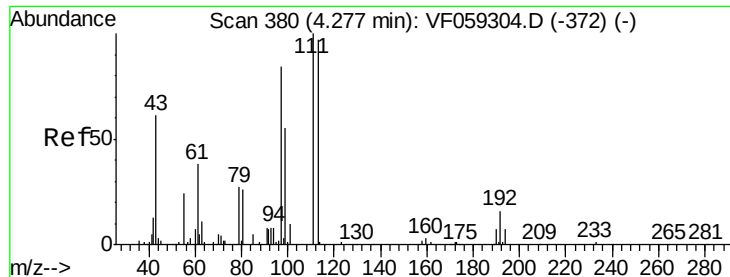
Tot Ion: 65 Resp: 164917
 Ion Ratio Lower Upper
 65 100
 67 42.8 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VF059387.D
 Acq: 2 Jul 2018 15:17

Tgt Ion: 114 Resp: 287448
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.8
 88 18.7 0.0 41.2

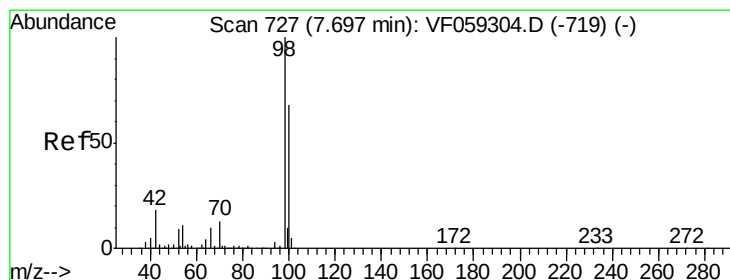
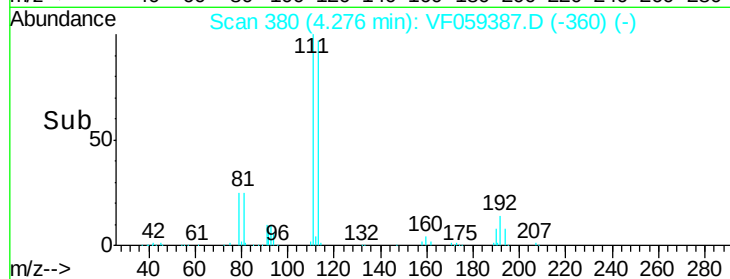
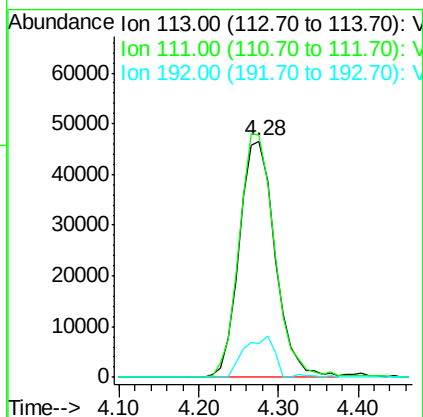
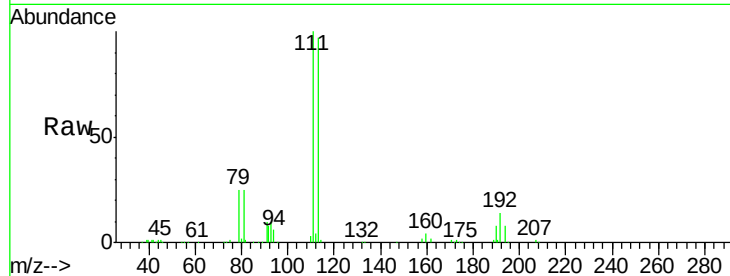




#35
Dibromofluoromethane
Concen: 69.05 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF059387.D
Acq: 2 Jul 2018 15:17

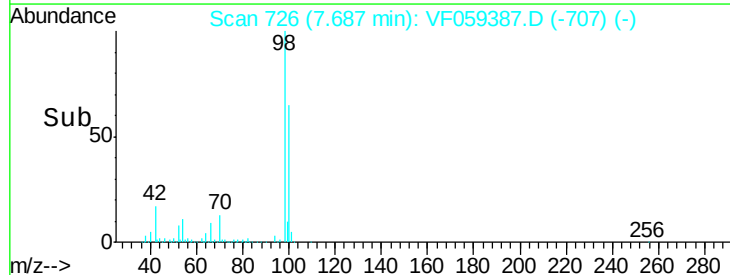
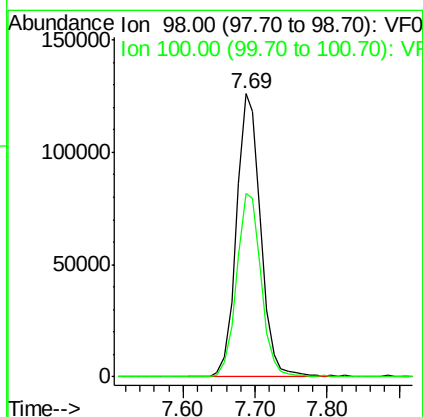
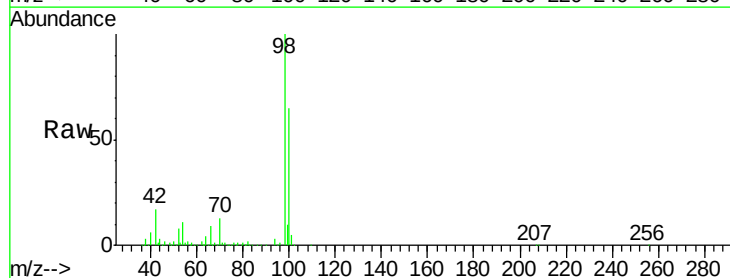
Instrument :
MSVOA_F
ClientSampleId :
CF-1(15.0)

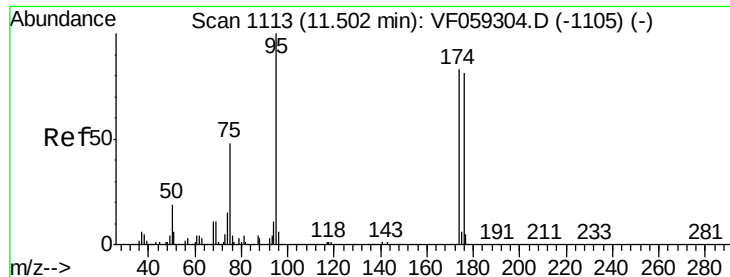
Tot Ion:113 Resp: 145019
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 14.2 13.0 19.6



#50
Toluene-d8
Concen: 56.52 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059387.D
Acq: 2 Jul 2018 15:17

Tgt Ion: 98 Resp: 293885
Ion Ratio Lower Upper
98 100
100 64.7 54.6 82.0





#62

4-Bromofluorobenzene

Concen: 59.57 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059387.D

Acq: 2 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampled :

CF-1(15.0)

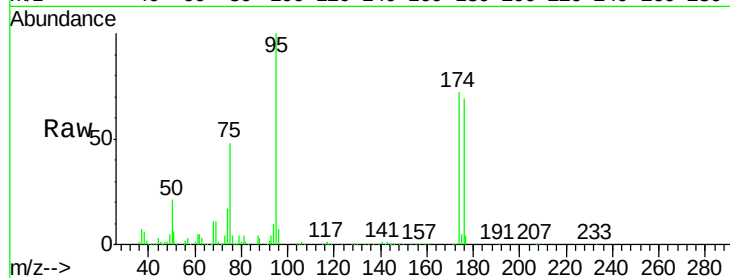
Tot Ion: 95 Resp: 174742

Ion Ratio Lower Upper

95 100

174 72.2 0.0 165.2

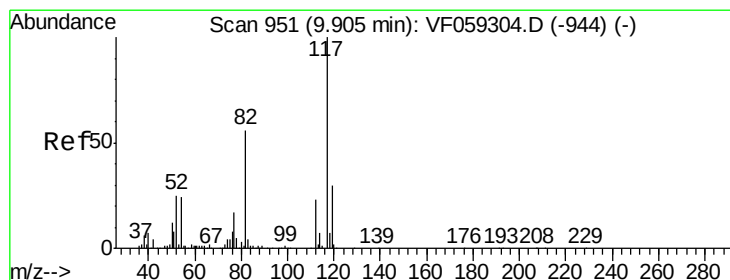
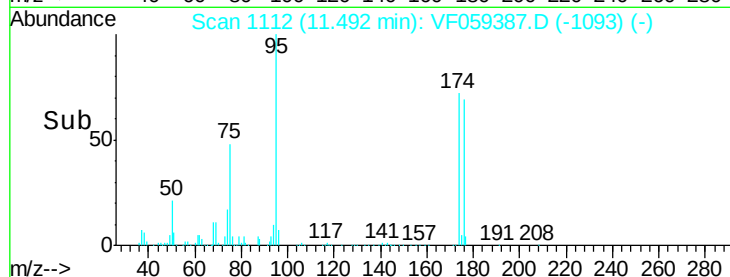
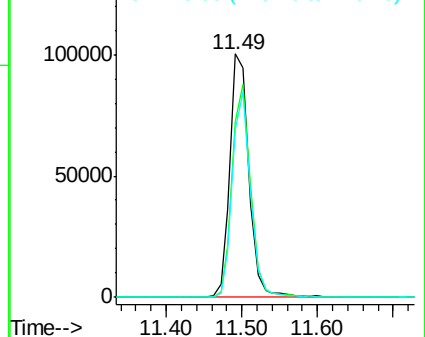
176 68.9 0.0 161.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.89 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF059387.D

Acq: 2 Jul 2018 15:17

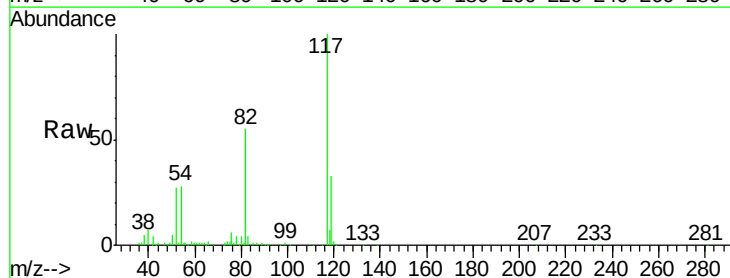
Tgt Ion: 117 Resp: 251529

Ion Ratio Lower Upper

117 100

82 54.6 44.6 66.8

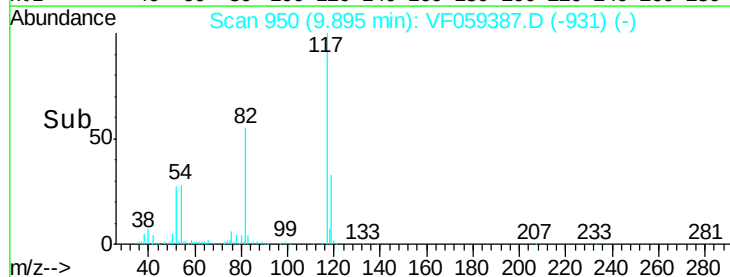
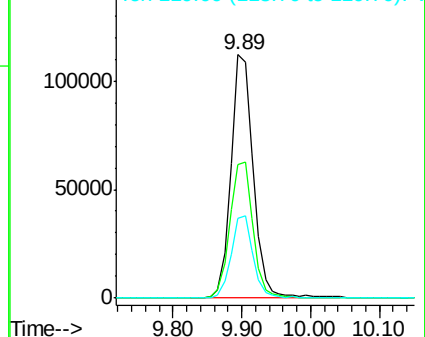
119 32.5 24.1 36.1

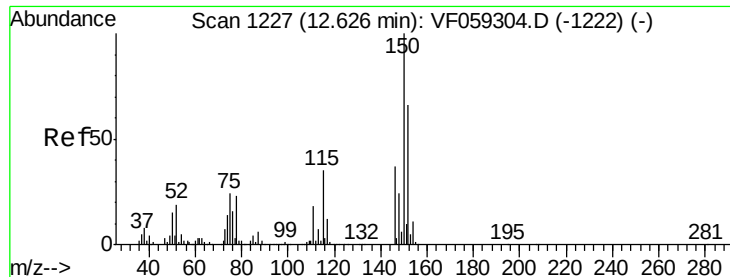


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

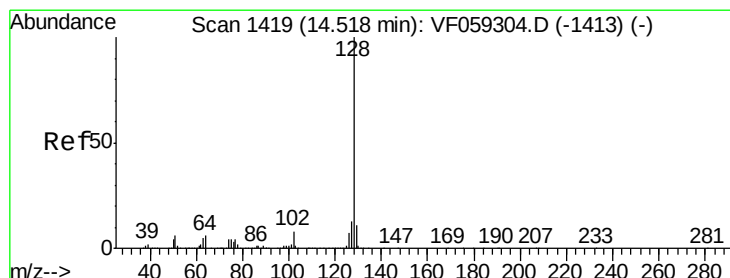
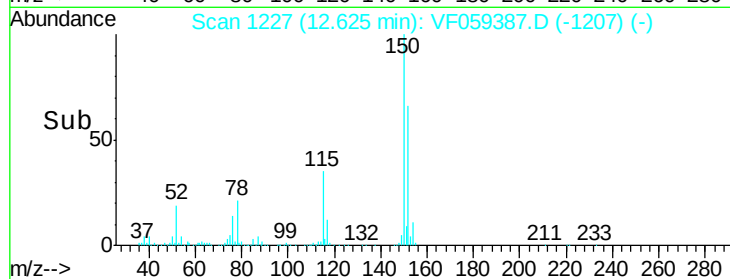
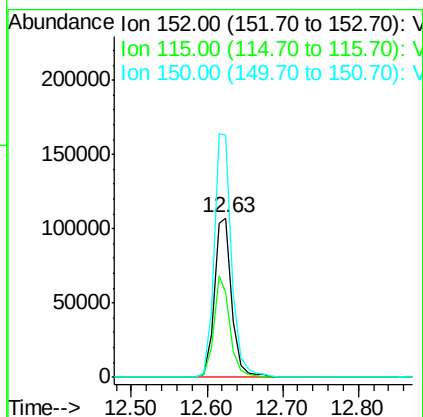
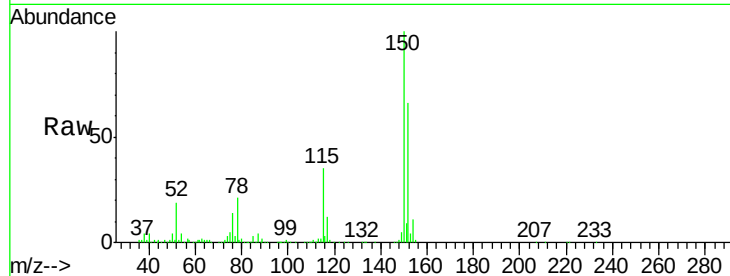




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VF059387.D
 Acq: 2 Jul 2018 15:17

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-1(15.0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.1	81.3
150	152.2	0.0	305.2



#95
 Naphthalene
 Concen: 1.26 ug/l
 RT: 14.53 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: VF059387.D
 Acq: 2 Jul 2018 15:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	8.5	8.8	13.2#

