

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061088.D
 Acq On : 19 Dec 2018 16:43
 Operator : VA/AP
 Sample : J6388-09
 Misc : 6.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS009-1824-01

Quant Time: Dec 20 03:05:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

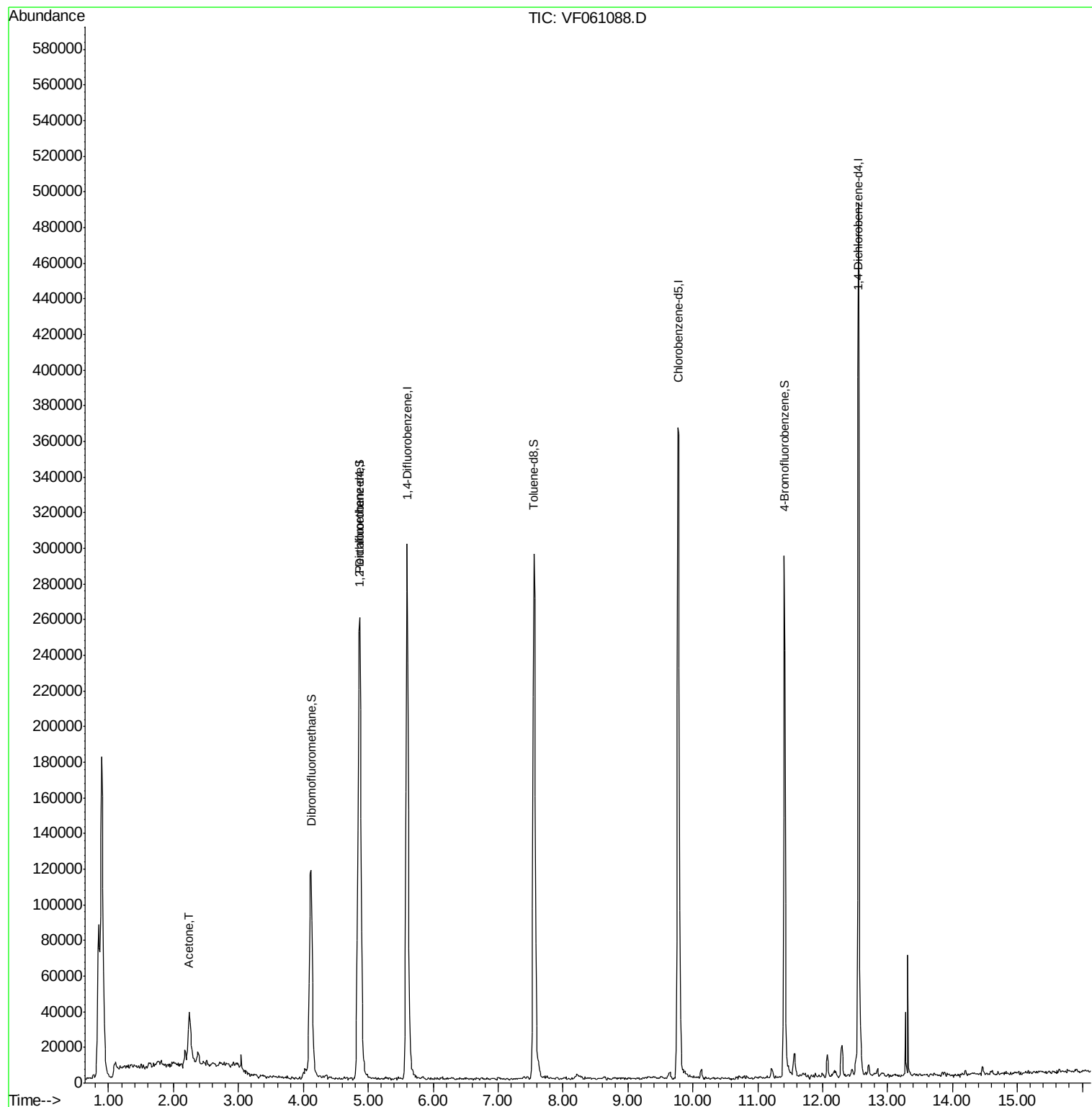
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	199396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	330387	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	267344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	116718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	92366	36.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.04%	
35) Dibromofluoromethane	4.12	113	113070	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
50) Toluene-d8	7.55	98	250144	33.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.70%	
62) 4-Bromofluorobenzene	11.41	95	113282	32.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.52%	
Target Compounds						
16) Acetone	2.25	43	47887	93.404	ug/l	Qvalue 99

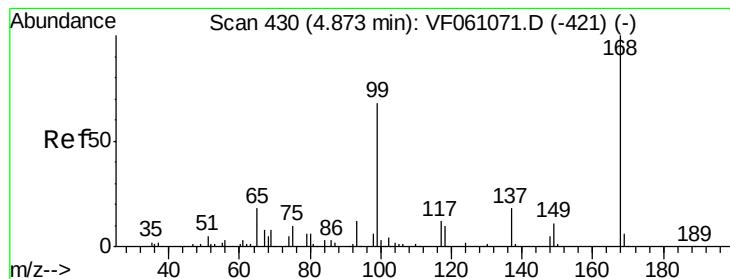
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

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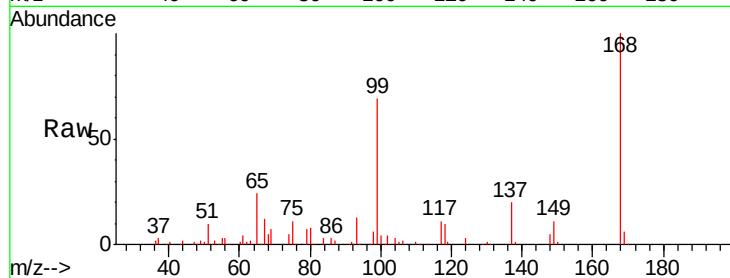
P001-SS009-1824-01

Tgt Ion:168 Resp: 199396

Ion Ratio Lower Upper

168 100

99 69.2 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

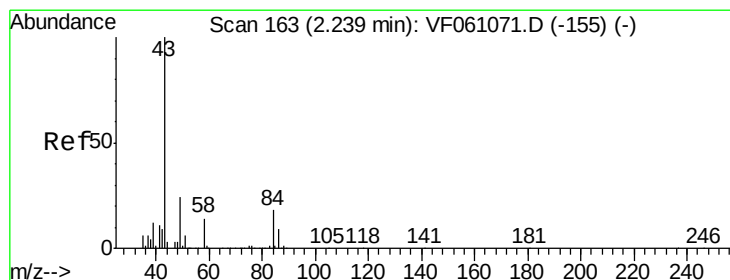
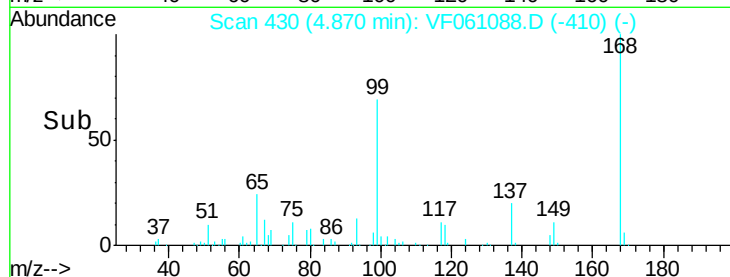
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 93.404 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061088.D

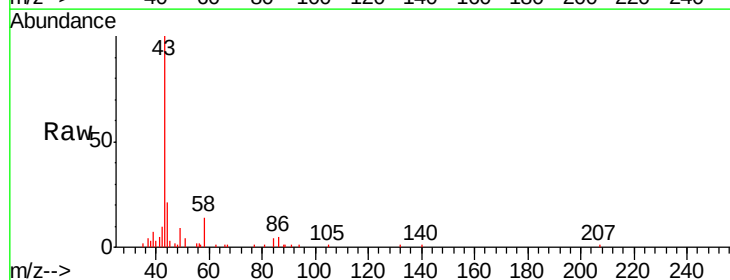
Acq: 19 Dec 2018 16:43

Tgt Ion: 43 Resp: 47887

Ion Ratio Lower Upper

43 100

58 13.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

20000

15000

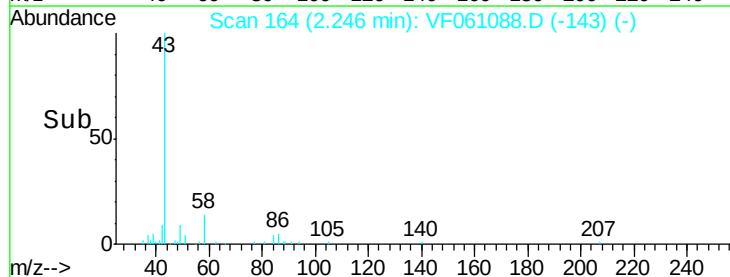
10000

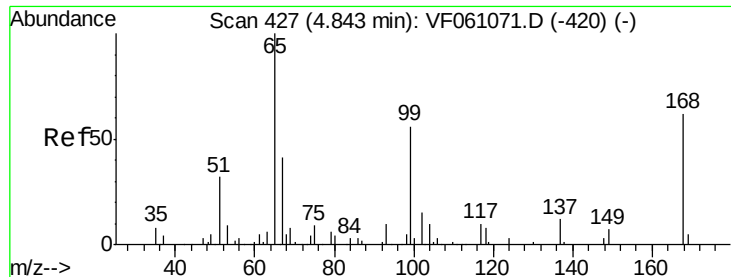
5000

0

Time-->

2.20 2.30

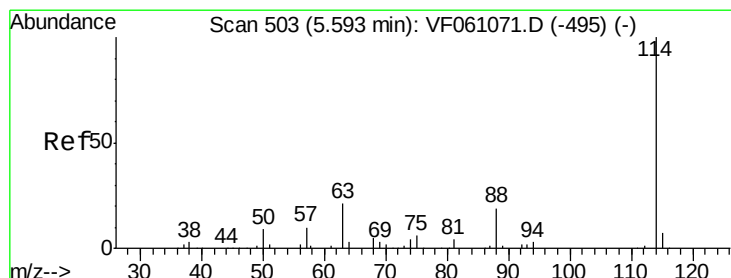
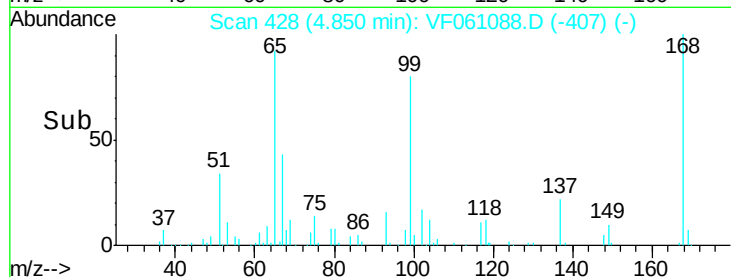
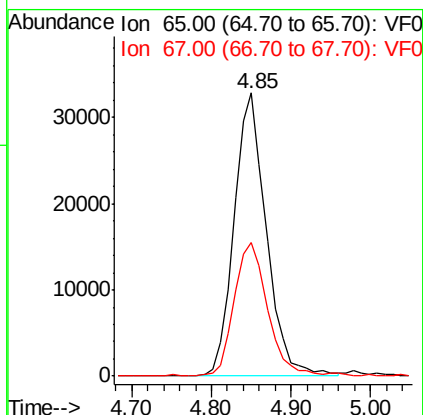
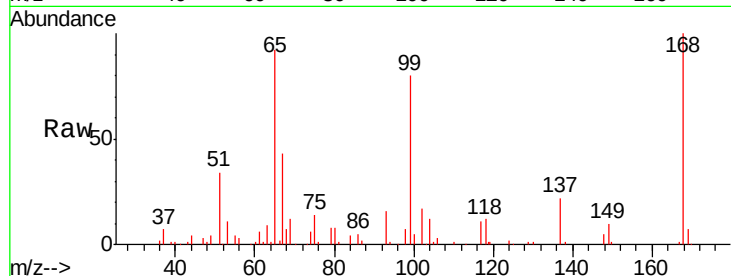




#33
 1,2-Dichloroethane-d4
 Concen: 36.016 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: VF061088.D
 Acq: 19 Dec 2018 16:43

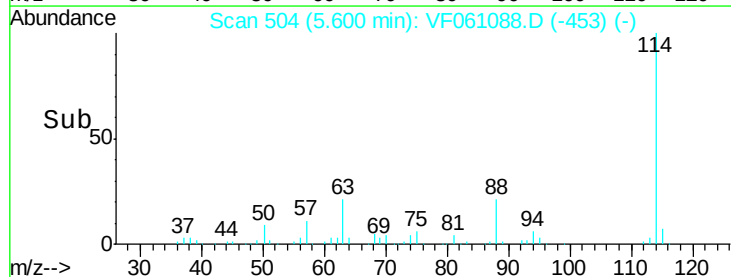
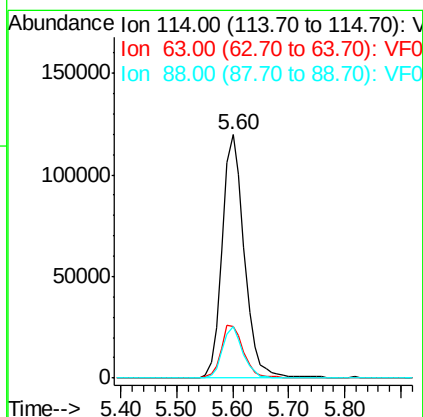
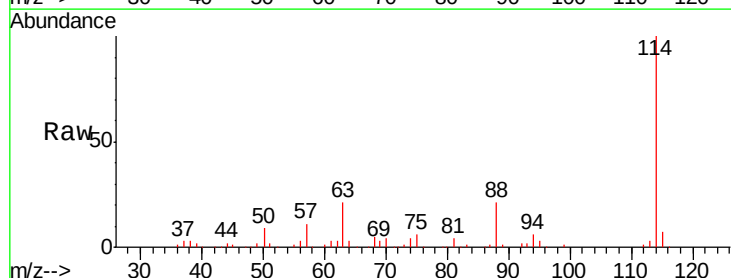
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS009-1824-01

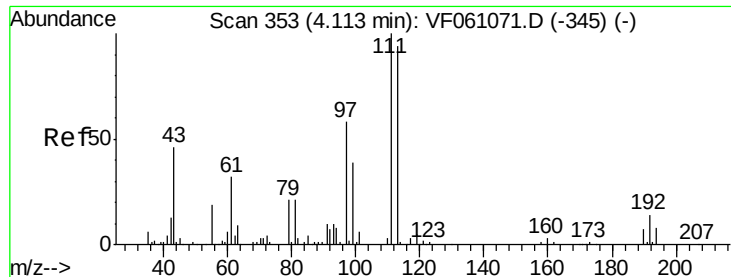
Tgt Ion: 65 Resp: 92366
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061088.D
 Acq: 19 Dec 2018 16:43

Tgt Ion: 114 Resp: 330387
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.6
 88 21.4 0.0 38.0





#35

Dibromofluoromethane

Concen: 42.723 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061088.D

Acq: 19 Dec 2018 16:43

Instrument :

MSVOA_F

ClientSampleId :

P001-SS009-1824-01

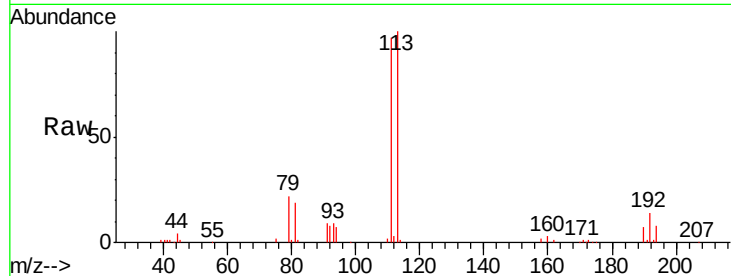
Tgt Ion: 113 Resp: 113070

Ion Ratio Lower Upper

113 100

111 96.8 85.2 127.8

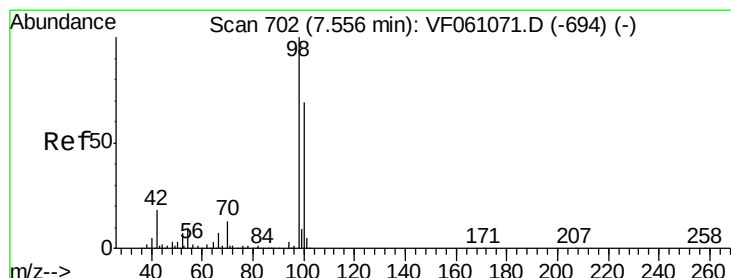
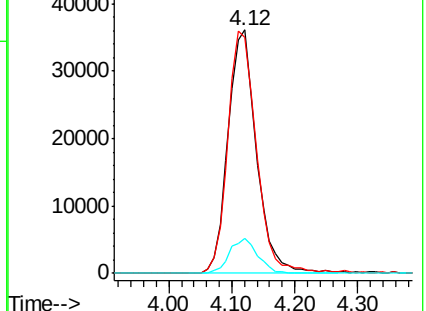
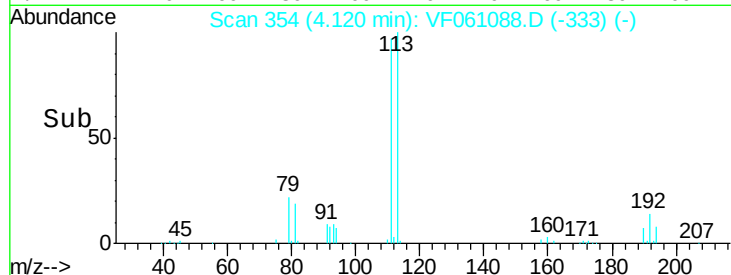
192 14.4 12.8 19.2



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: 33.352 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF061088.D

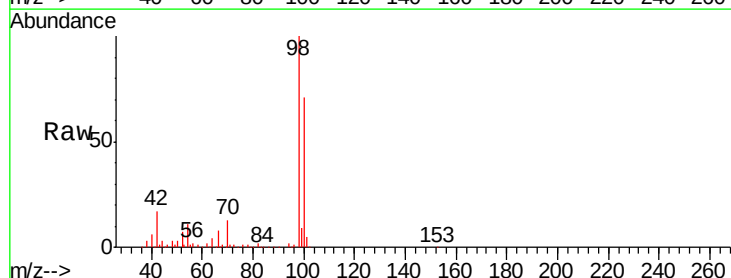
Acq: 19 Dec 2018 16:43

Tgt Ion: 98 Resp: 250144

Ion Ratio Lower Upper

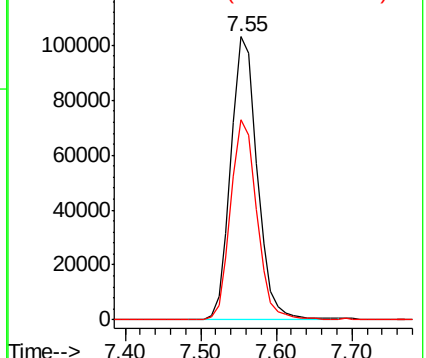
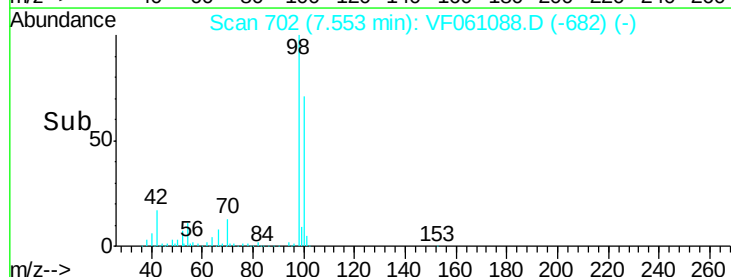
98 100

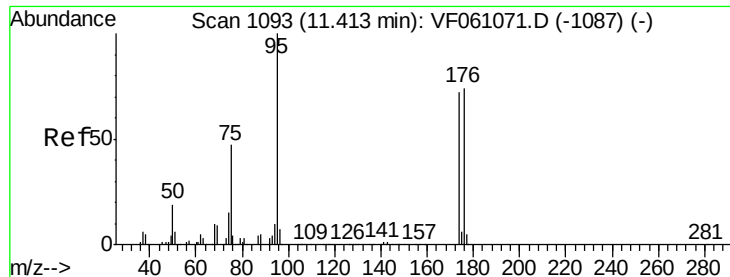
100 70.9 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 32.763 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061088.D

Acq: 19 Dec 2018 16:43

Instrument :

MSVOA_F

ClientSampleId :

P001-SS009-1824-01

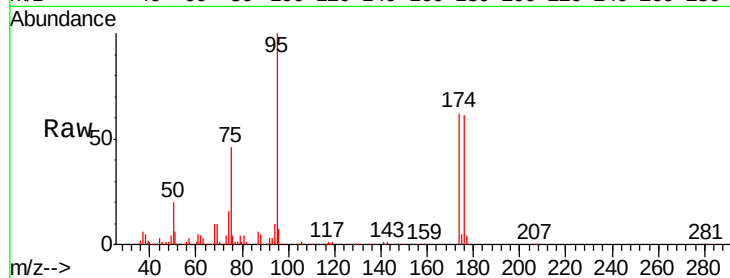
Tgt Ion: 95 Resp: 113282

Ion Ratio Lower Upper

95 100

174 62.0 0.0 143.8

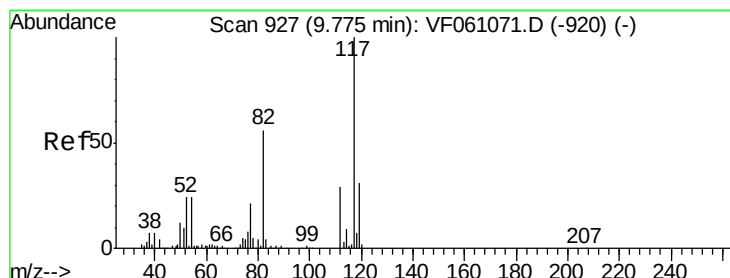
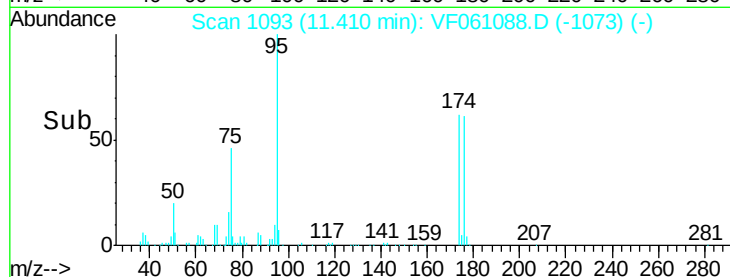
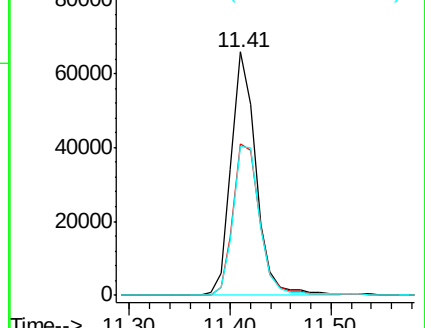
176 61.1 0.0 147.6



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: 50.000 ug/l

RT: 9.78 min Scan# 928

Delta R.T. 0.01 min

Lab File: VF061088.D

Acq: 19 Dec 2018 16:43

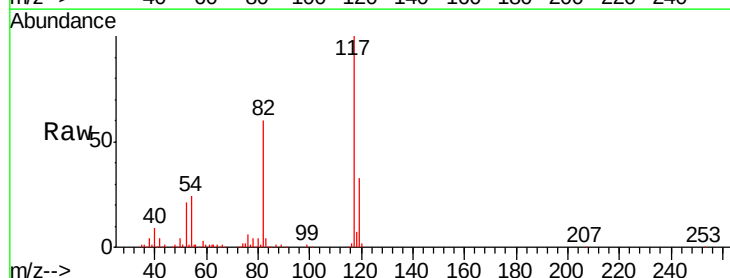
Tgt Ion: 117 Resp: 267344

Ion Ratio Lower Upper

117 100

82 59.7 45.0 67.4

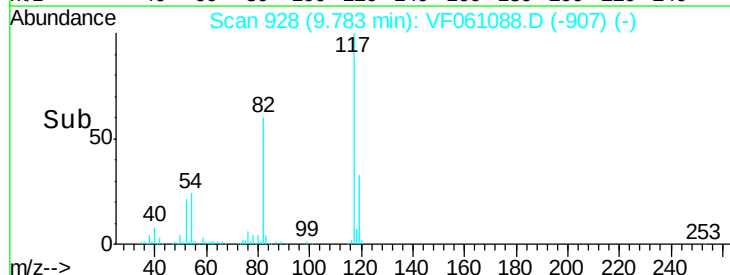
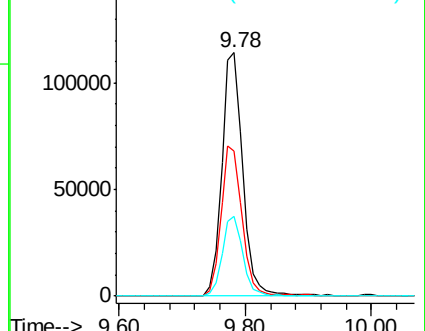
119 32.9 24.8 37.2

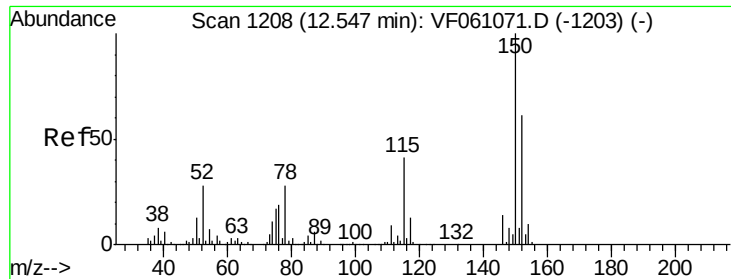


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061088.D

Acq: 19 Dec 2018 16:43

Instrument :

MSVOA_F

ClientSampleId :

P001-SS009-1824-01

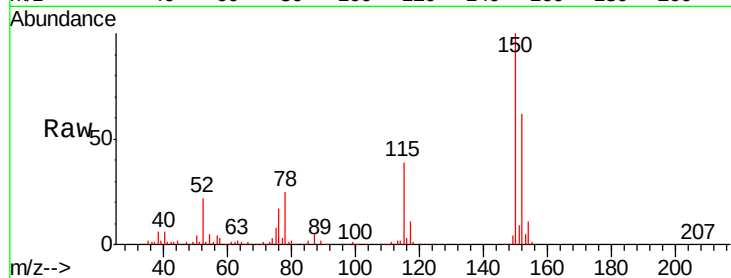
Tgt Ion:152 Resp: 116718

Ion Ratio Lower Upper

152 100

115 62.6 33.3 99.9

150 160.9 0.0 328.2



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

