

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060582.D
 Acq On : 5 Nov 2018 20:12
 Operator : VA/AP
 Sample : J5741-23RE
 Misc : 6.58/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6RE

Quant Time: Nov 06 07:09:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

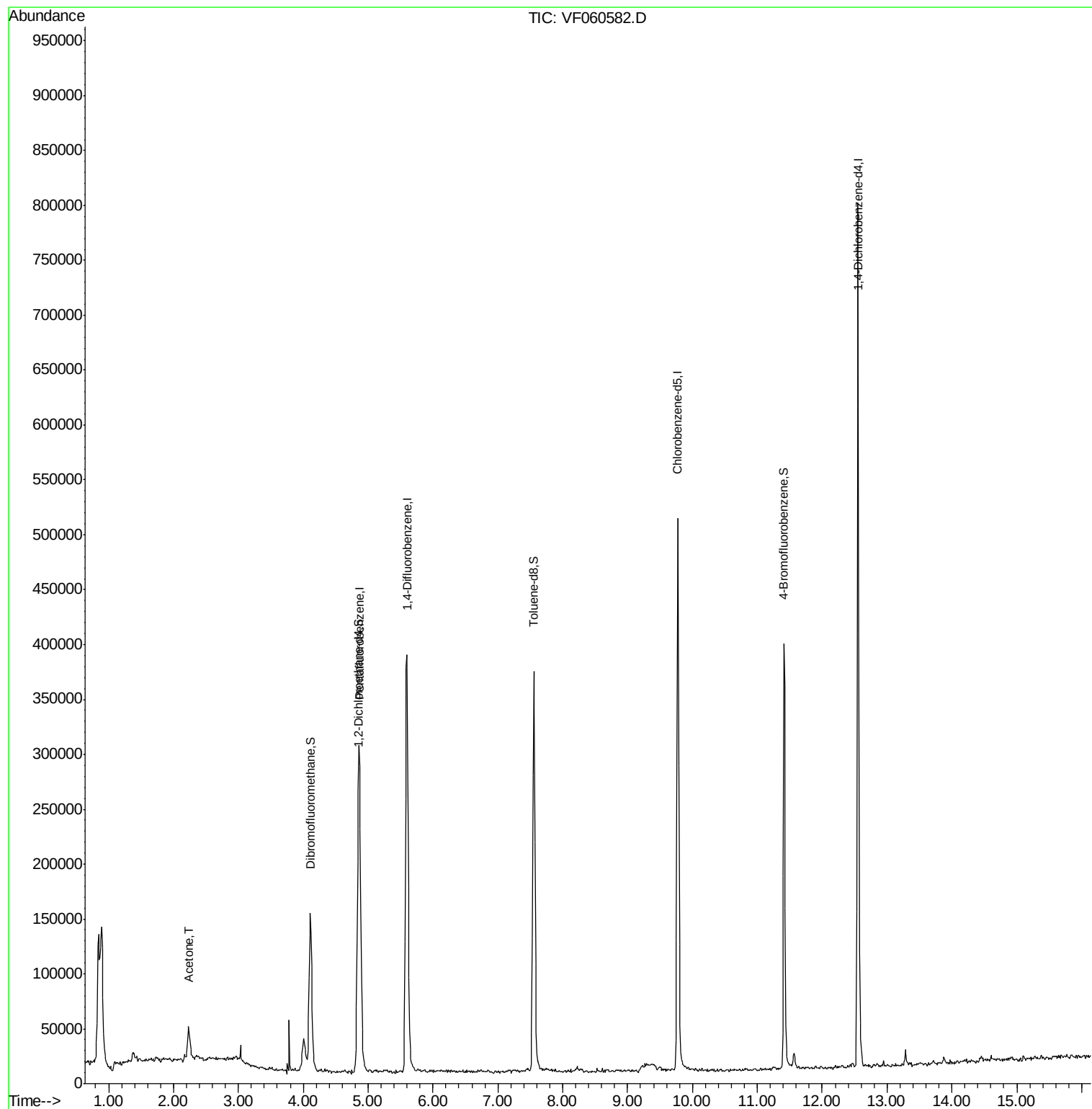
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	243734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	460226	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	388263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	203600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	106684	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
35) Dibromofluoromethane	4.11	113	143873	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.92%	
50) Toluene-d8	7.55	98	321053	30.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.96%	
62) 4-Bromofluorobenzene	11.41	95	157571	34.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.40%	
Target Compounds						
16) Acetone	2.24	43	50852	87.632	ug/l	Qvalue 96

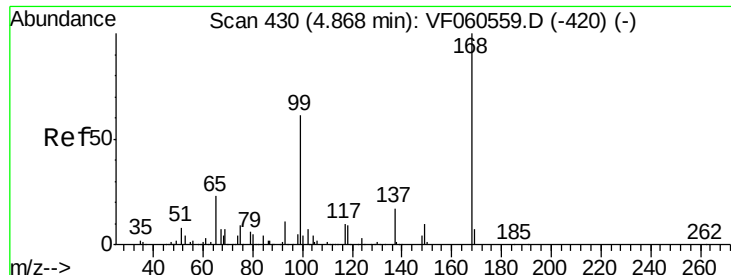
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060582.D

Acq: 5 Nov 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

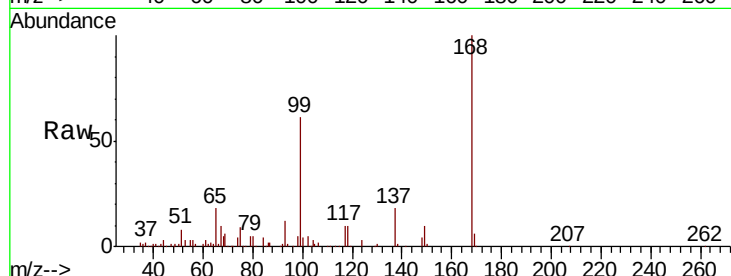
TP-6RE

Tot Ion:168 Resp: 243734

Ion Ratio Lower Upper

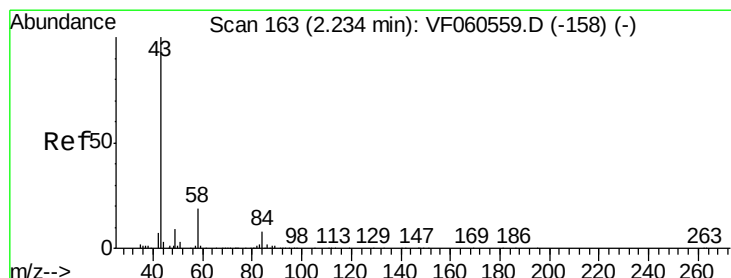
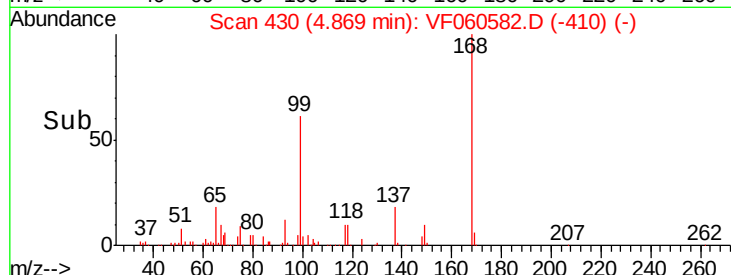
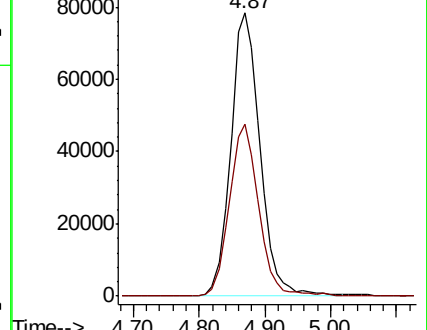
168 100

99 60.8 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 87.632 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060582.D

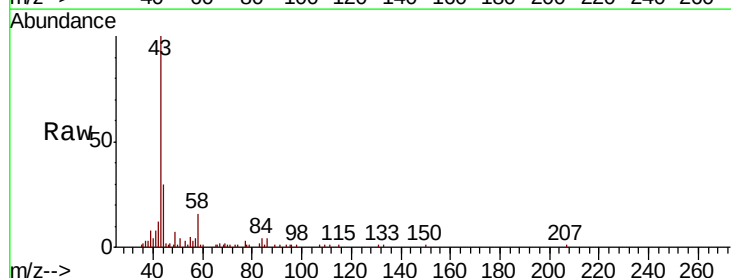
Acq: 5 Nov 2018 20:12

Tgt Ion: 43 Resp: 50852

Ion Ratio Lower Upper

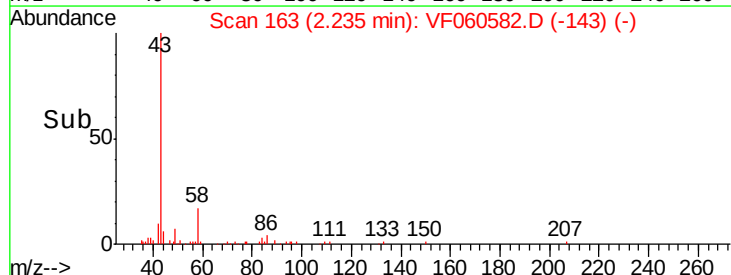
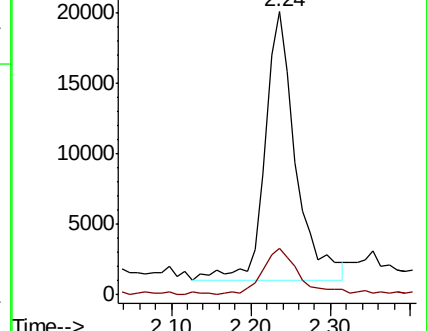
43 100

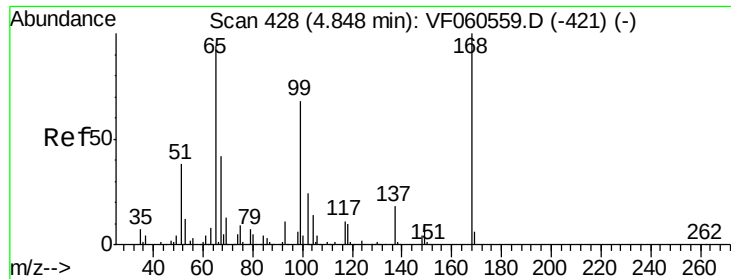
58 16.4 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

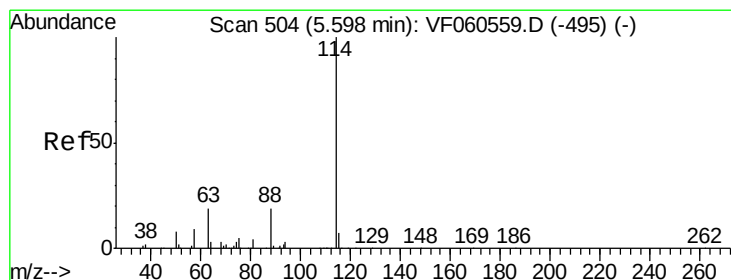
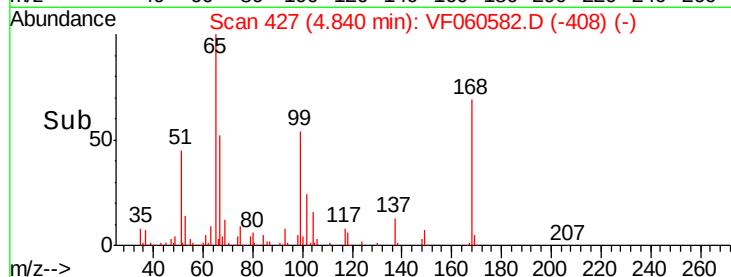
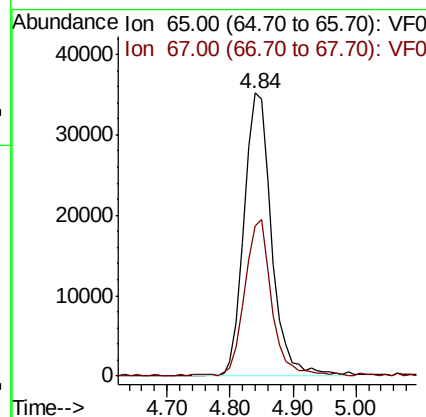
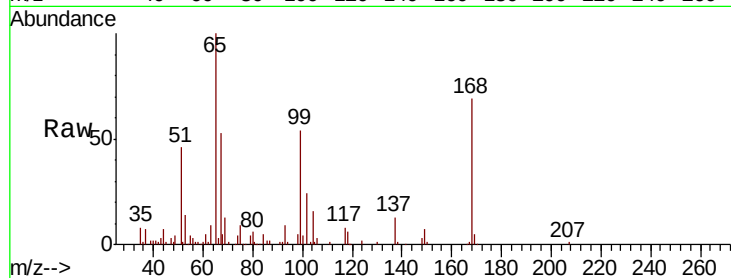




#33
 1,2-Dichloroethane-d4
 Concen: 43.321 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: VF060582.D
 Acq: 5 Nov 2018 20:12

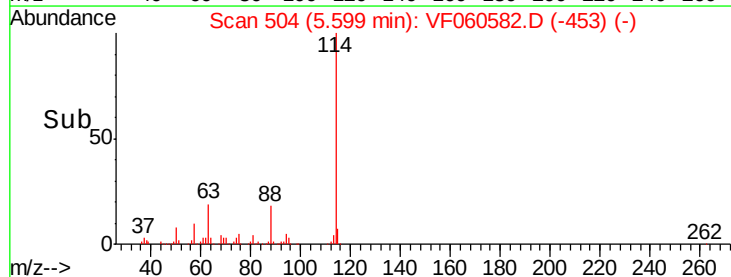
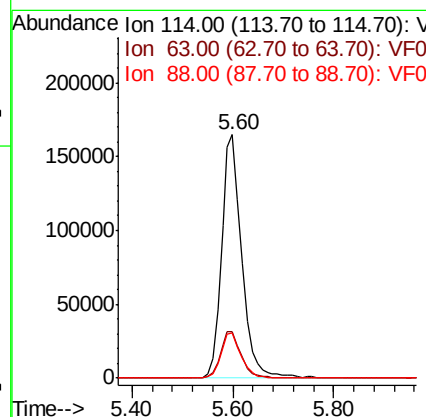
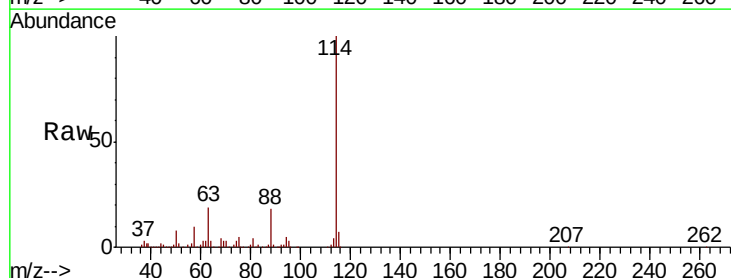
Instrument :
 MSVOA_F
 ClientSampled :
 TP-6RE

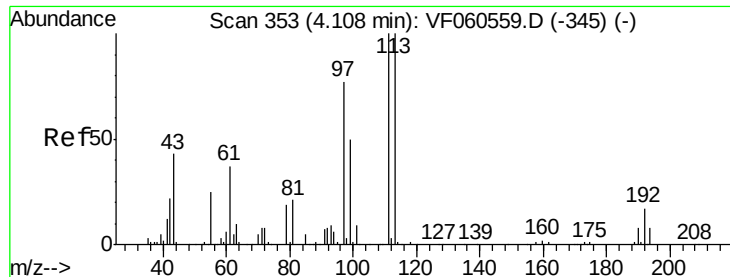
Tot Ion: 65 Resp: 106684
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF060582.D
 Acq: 5 Nov 2018 20:12

Tgt Ion: 114 Resp: 460226
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 18.4 0.0 38.2





#35

Dibromofluoromethane

Concen: 40.463 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060582.D

Acq: 5 Nov 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

TP-6RE

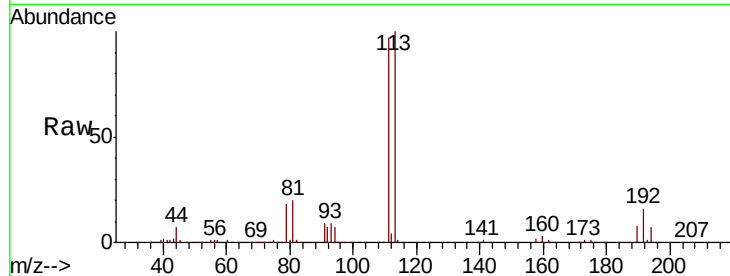
Tot Ion:113 Resp: 143873

Ion Ratio Lower Upper

113 100

111 97.5 79.9 119.9

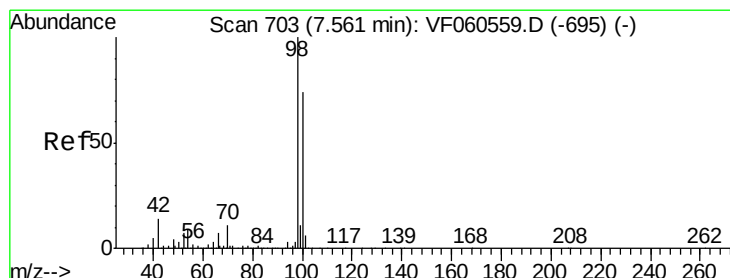
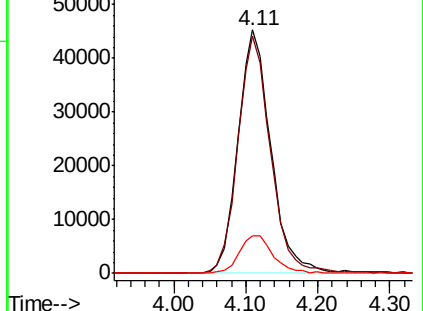
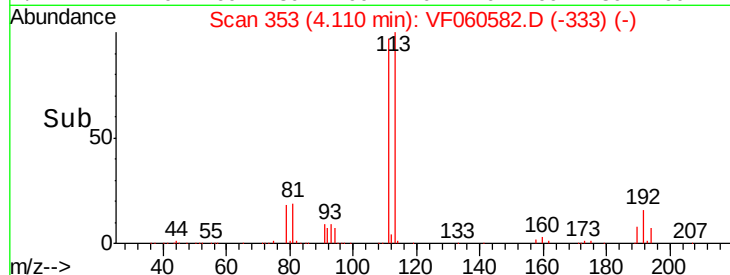
192 15.6 13.3 19.9



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: 30.481 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060582.D

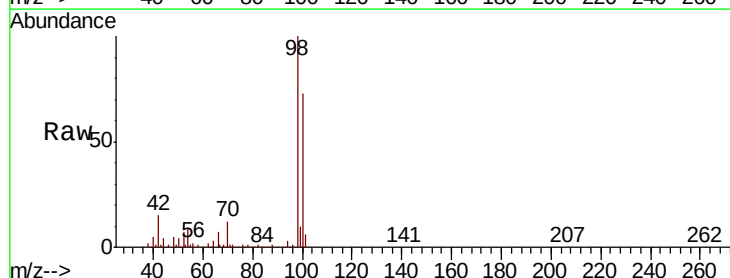
Acq: 5 Nov 2018 20:12

Tgt Ion: 98 Resp: 321053

Ion Ratio Lower Upper

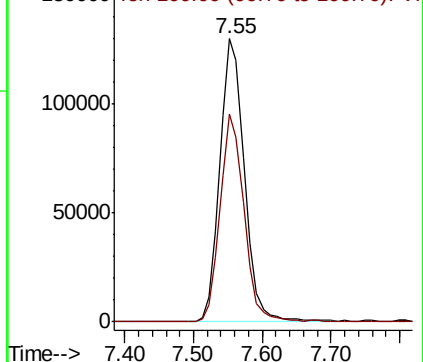
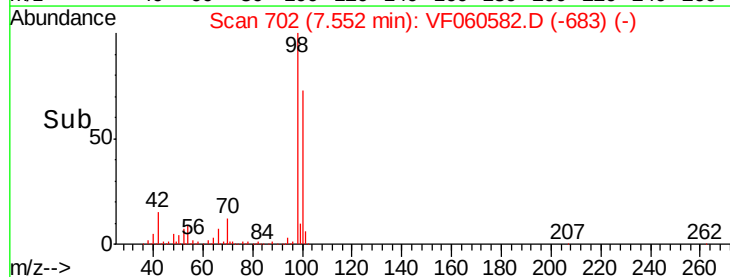
98 100

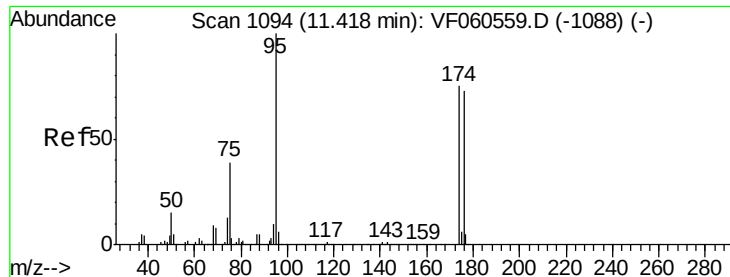
100 73.5 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 34.200 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF060582.D

Acq: 5 Nov 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

TP-6RE

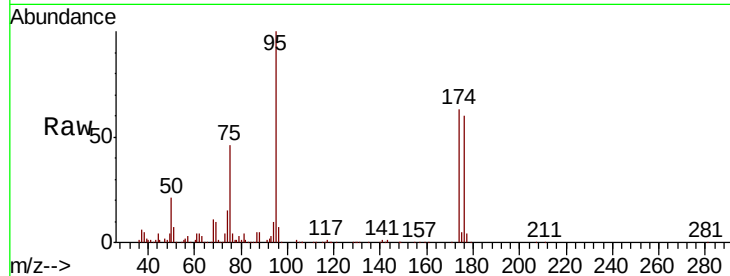
Tot Ion: 95 Resp: 157571

Ion Ratio Lower Upper

95 100

174 63.4 0.0 149.0

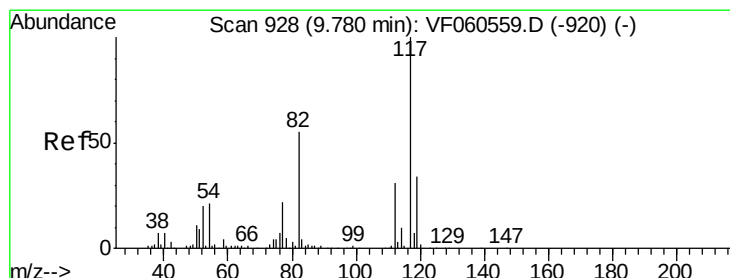
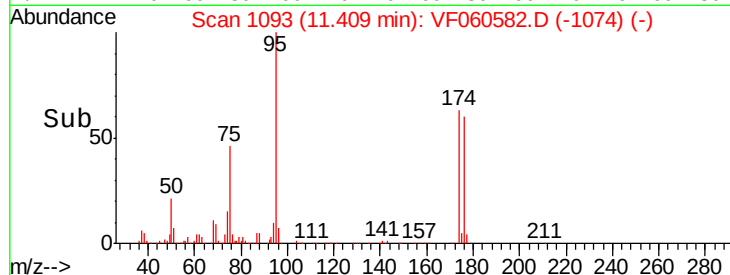
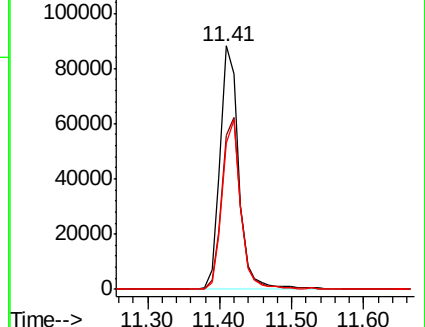
176 60.4 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF060582.D

Acq: 5 Nov 2018 20:12

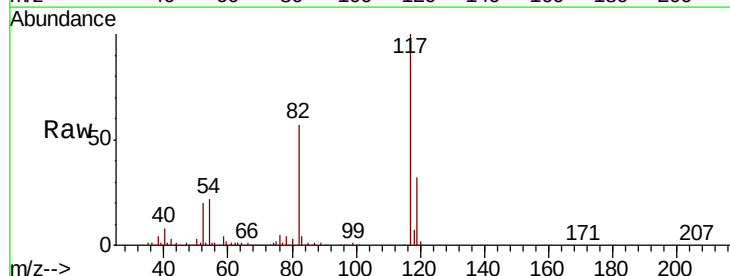
Tgt Ion: 117 Resp: 388263

Ion Ratio Lower Upper

117 100

82 57.3 43.9 65.9

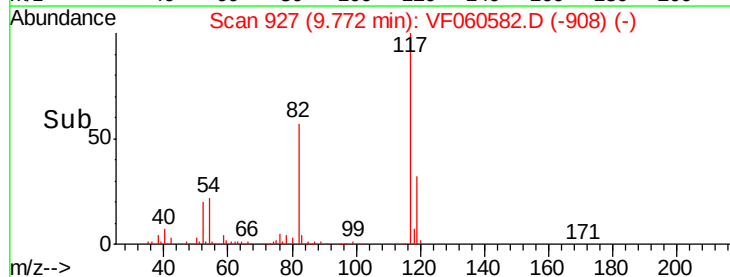
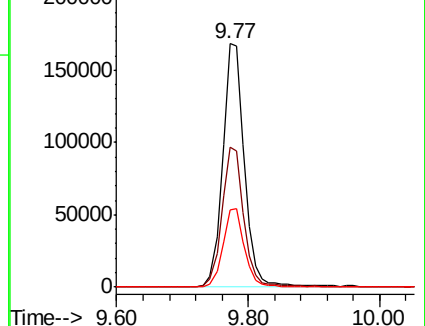
119 31.5 27.4 41.0

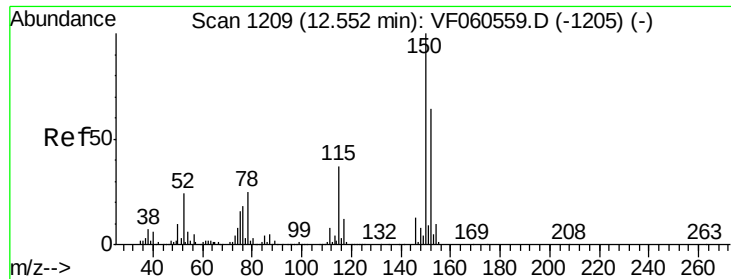


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF060582.D

Acq: 5 Nov 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

TP-6RE

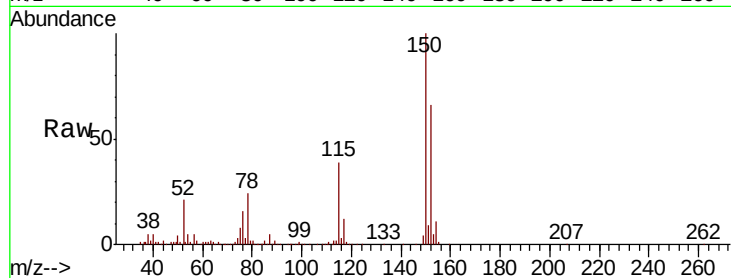
Tot Ion:152 Resp: 203600

Ion Ratio Lower Upper

152 100

115 58.3 29.6 88.8

150 151.2 0.0 315.6



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

