

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060659.D
 Acq On : 8 Nov 2018 19:42
 Operator : VA/AP
 Sample : J5859-04
 Misc : 6.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-24(6-8)

Quant Time: Nov 09 13:43:56 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

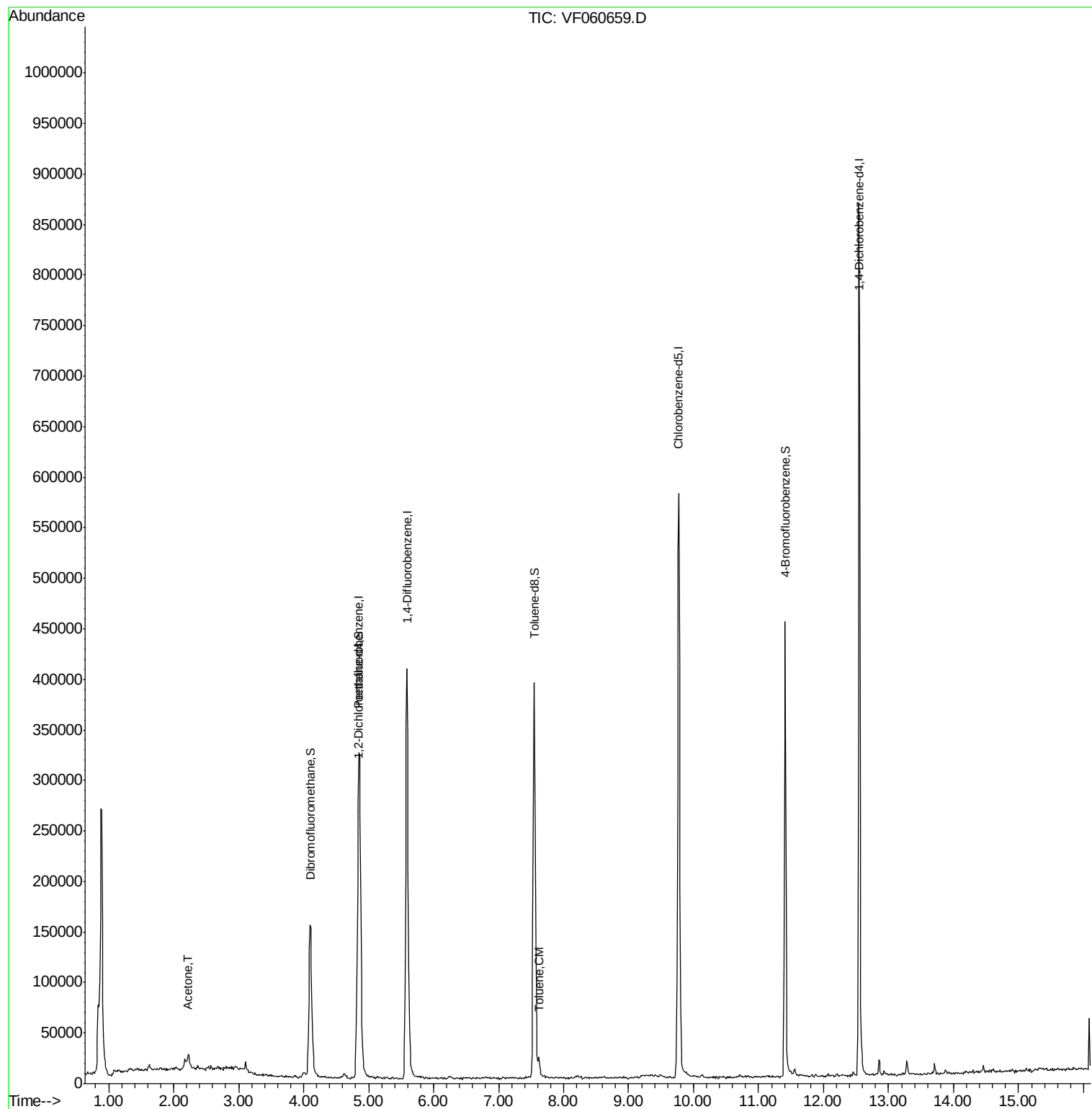
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	259007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	467142	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	431217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	225522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	125112	47.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	4.10	113	148457	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
50) Toluene-d8	7.55	98	355356	33.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.48%	
62) 4-Bromofluorobenzene	11.41	95	180031	38.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.00%	
Target Compounds						
16) Acetone	2.23	43	13065	21.187	ug/l #	82
52) Toluene	7.62	92	8944	1.100	ug/l #	76

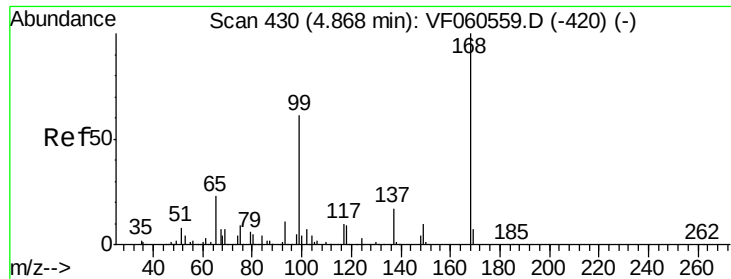
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060659.D

Acq: 8 Nov 2018 19:42

Instrument :

MSVOA_F

ClientSampleId :

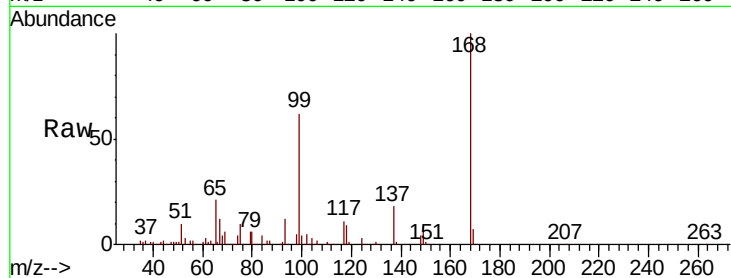
B-24(6-8)

Tot Ion:168 Resp: 259007

Ion Ratio Lower Upper

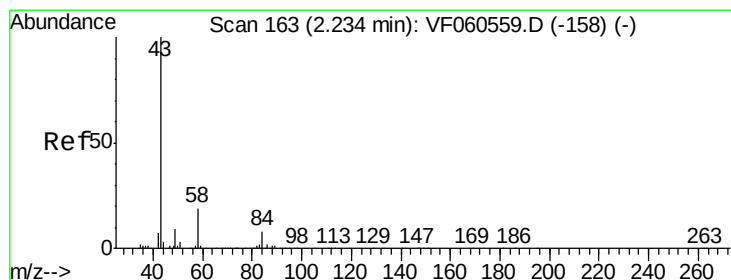
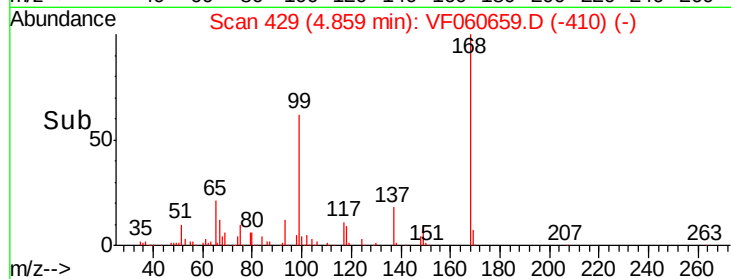
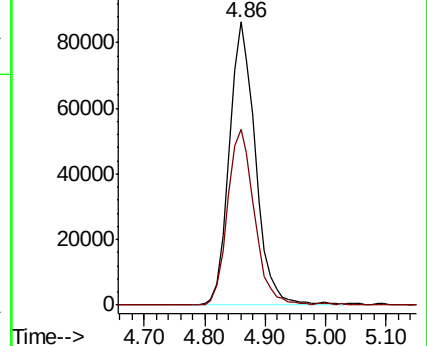
168 100

99 62.0 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: 21.187 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF060659.D

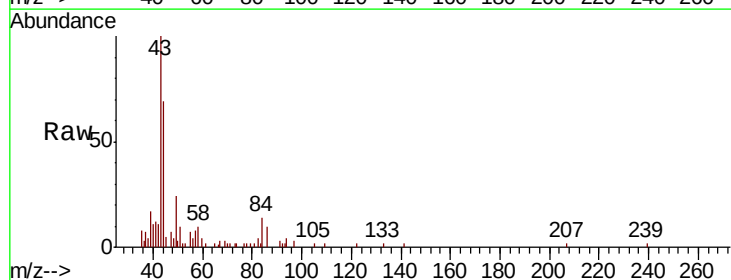
Acq: 8 Nov 2018 19:42

Tgt Ion: 43 Resp: 13065

Ion Ratio Lower Upper

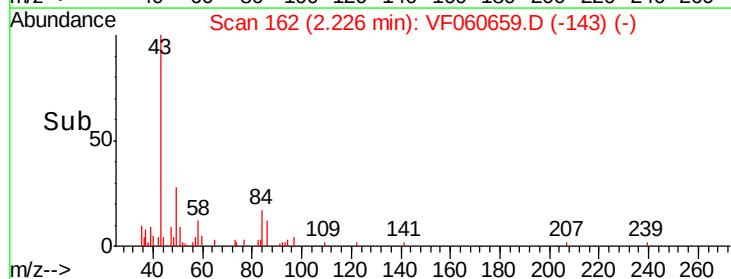
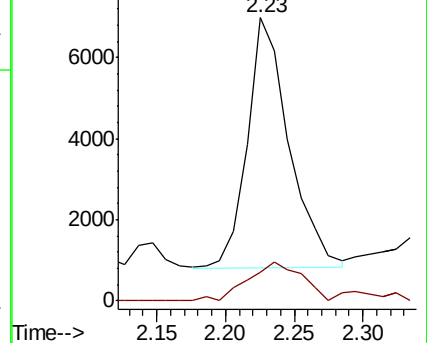
43 100

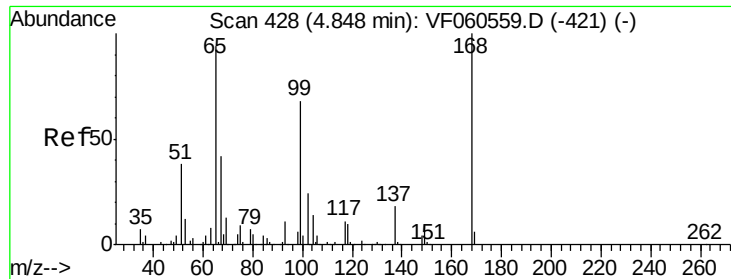
58 10.1 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

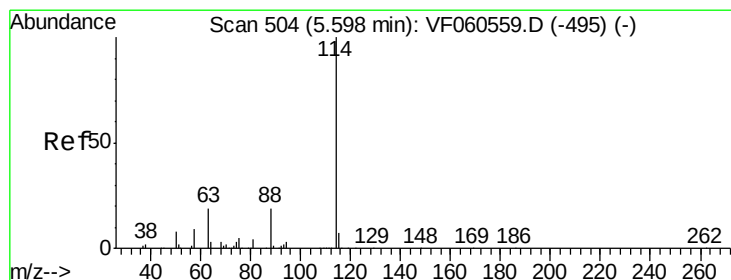
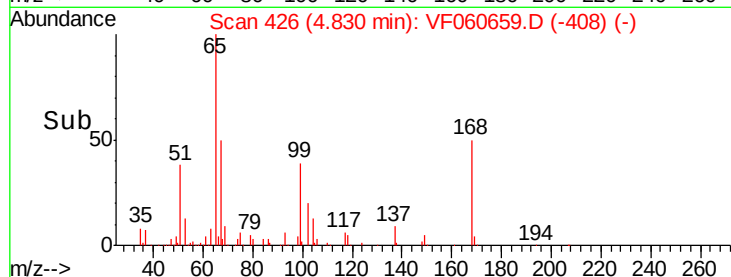
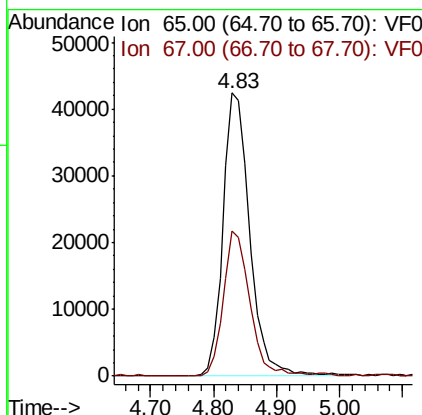
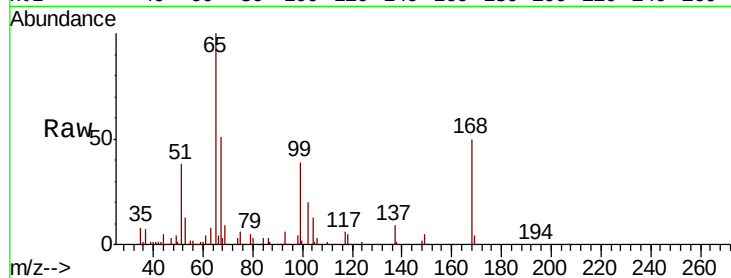




#33
 1,2-Dichloroethane-d4
 Concen: 47.809 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF060659.D
 Acq: 8 Nov 2018 19:42

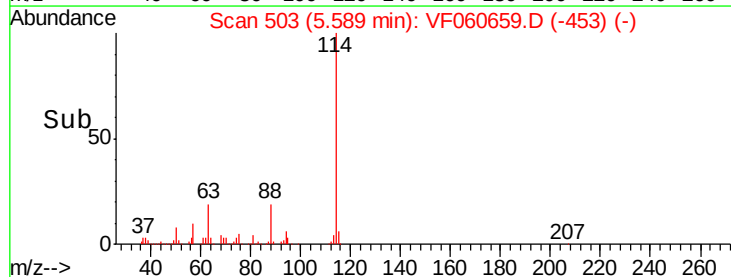
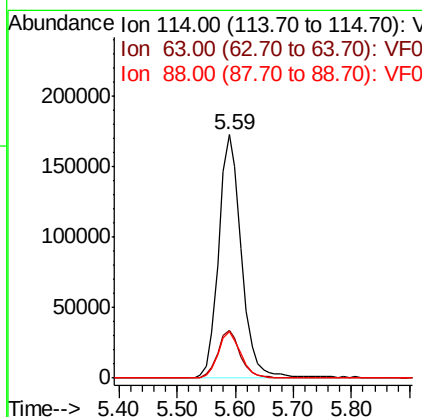
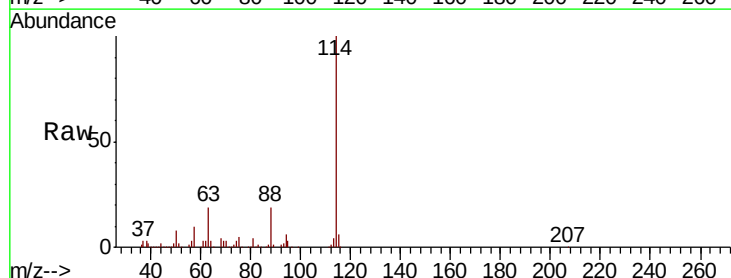
Instrument :
 MSVOA_F
 ClientSampleId :
 B-24(6-8)

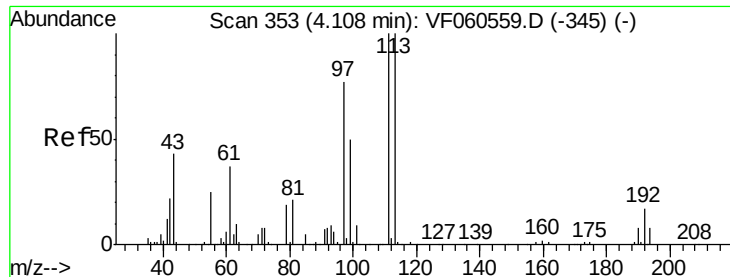
Tot Ion: 65 Resp: 125112
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: VF060659.D
 Acq: 8 Nov 2018 19:42

Tgt Ion: 114 Resp: 467142
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 18.9 0.0 38.2





#35

Dibromofluoromethane

Concen: 41.134 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060659.D

Acq: 8 Nov 2018 19:42

Instrument :

MSVOA_F

ClientSampleId :

B-24(6-8)

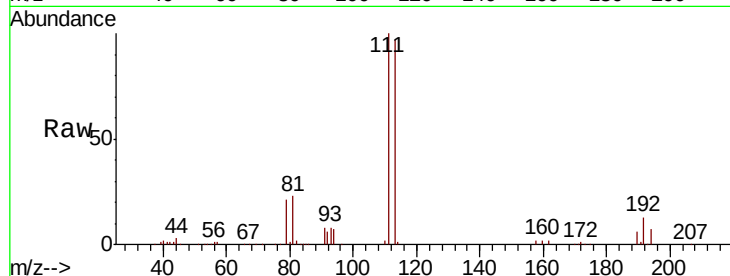
Tot Ion:113 Resp: 148457

Ion Ratio Lower Upper

113 100

111 102.8 79.9 119.9

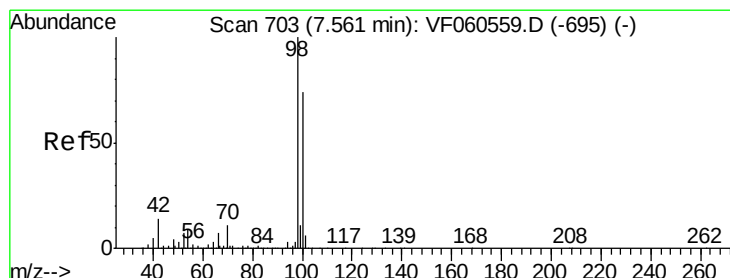
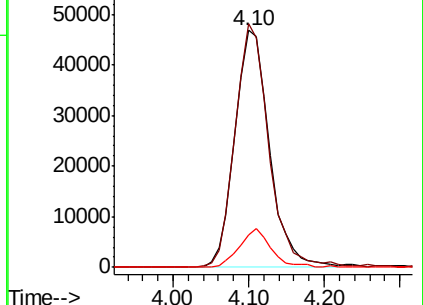
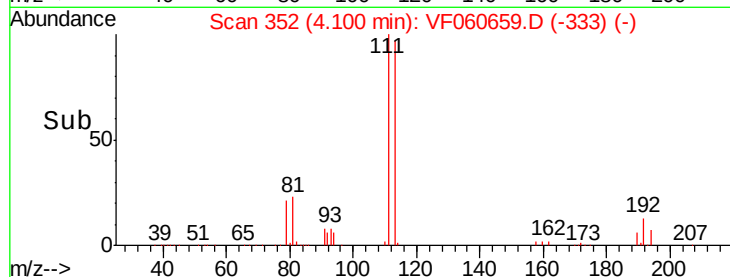
192 13.7 13.3 19.9



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: 33.238 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060659.D

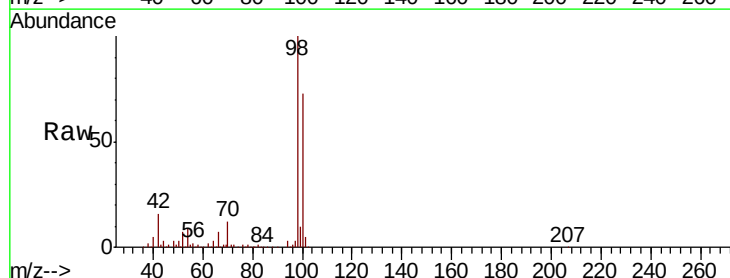
Acq: 8 Nov 2018 19:42

Tgt Ion: 98 Resp: 355356

Ion Ratio Lower Upper

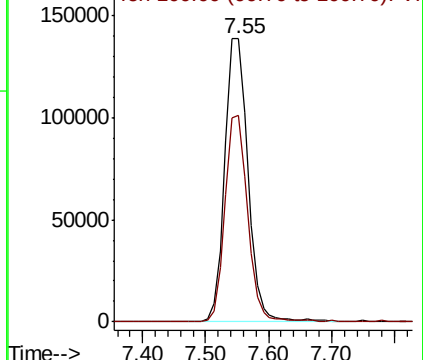
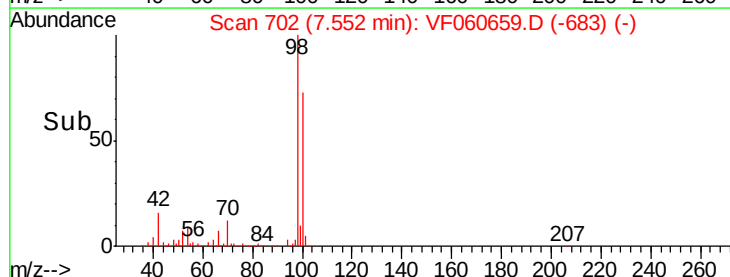
98 100

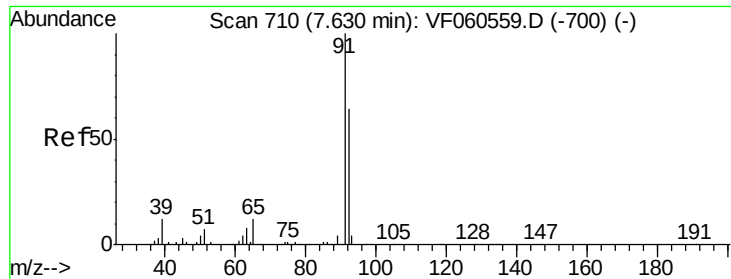
100 73.2 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 1.100 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.01 min

Lab File: VF060659.D

Acq: 8 Nov 2018 19:42

Instrument :

MSVOA_F

ClientSampleId :

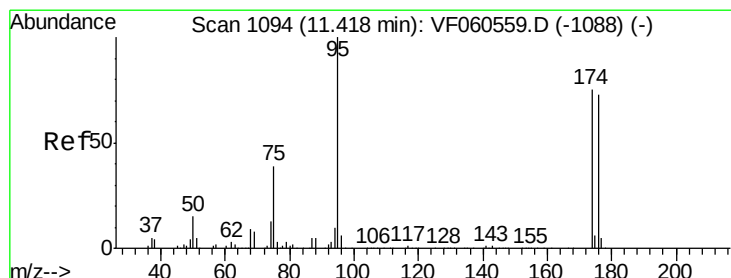
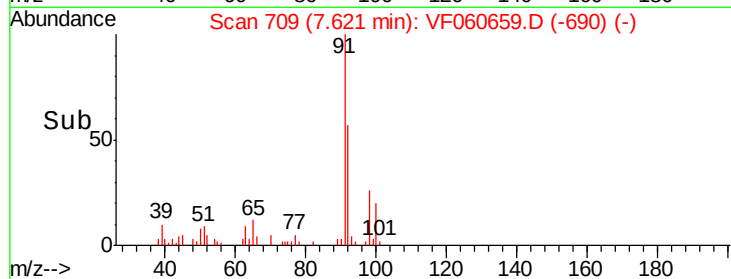
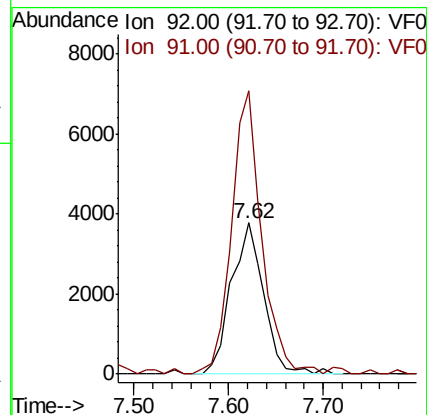
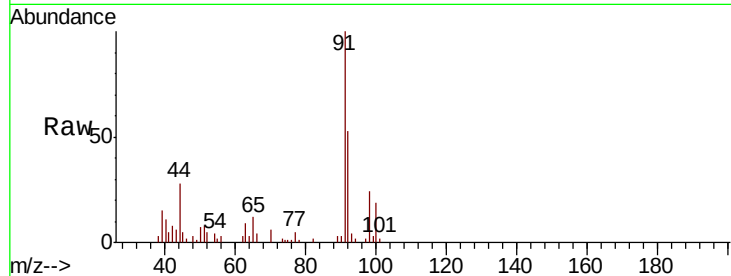
B-24(6-8)

Tot Ion: 92 Resp: 8944

Ion Ratio Lower Upper

92 100

91 186.9 124.5 186.7#



#62

4-Bromofluorobenzene

Concen: 38.497 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF060659.D

Acq: 8 Nov 2018 19:42

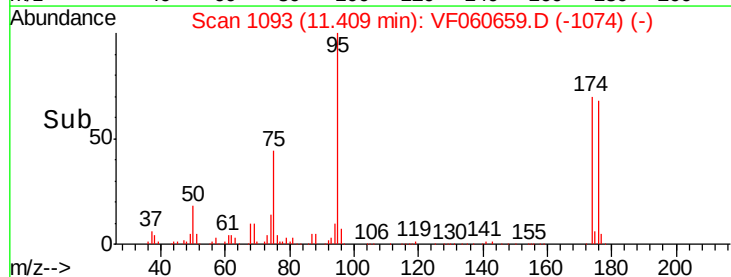
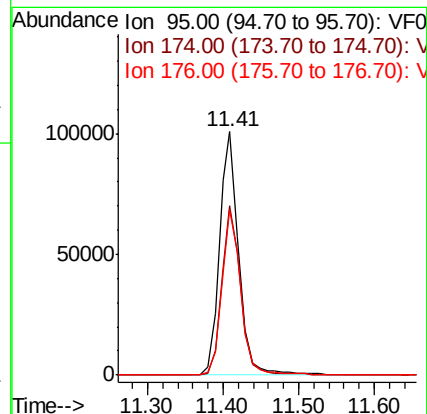
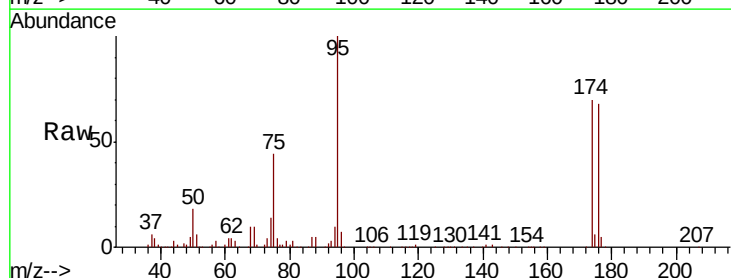
Tgt Ion: 95 Resp: 180031

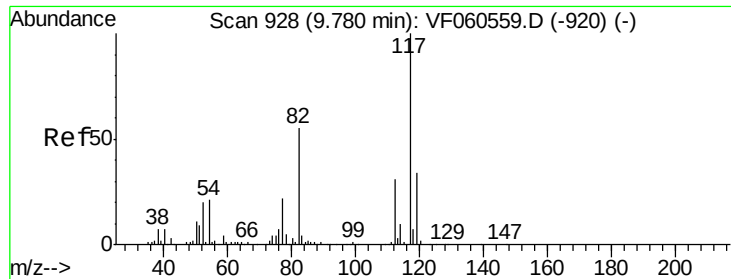
Ion Ratio Lower Upper

95 100

174 69.6 0.0 149.0

176 68.2 0.0 145.6

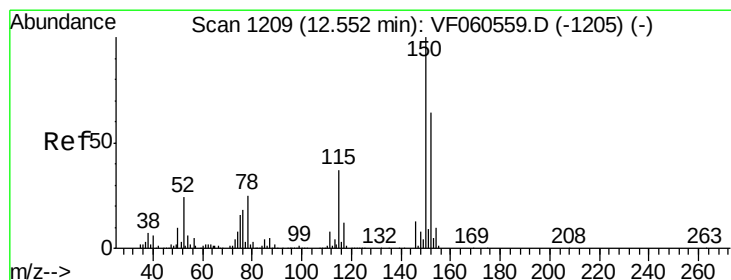
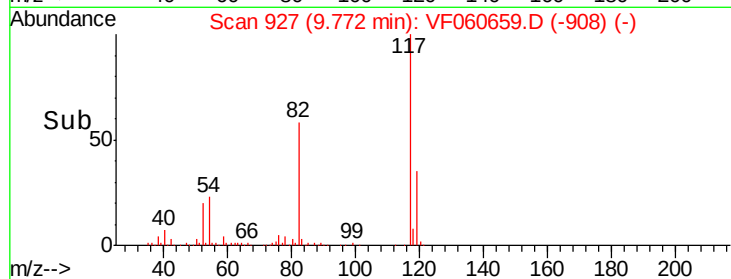
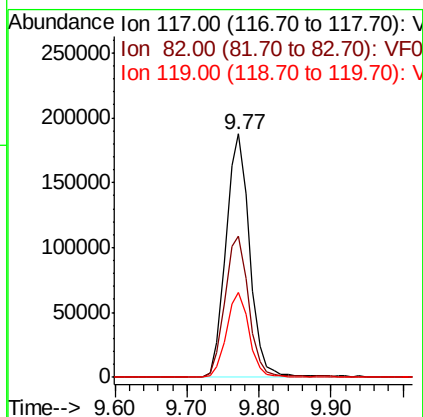
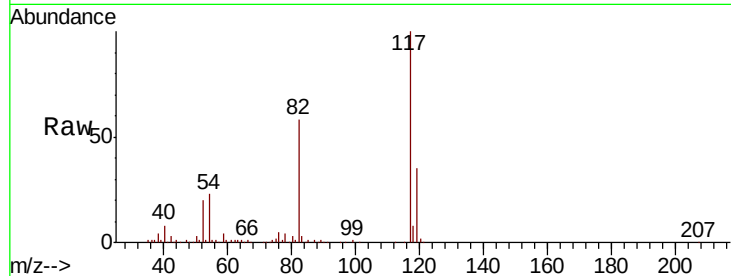




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060659.D
Acq: 8 Nov 2018 19:42

Instrument :
MSVOA_F
ClientSampleId :
B-24(6-8)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.9	65.9
119	35.1	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060659.D
Acq: 8 Nov 2018 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	29.6	88.8
150	150.6	0.0	315.6

