

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060662.D
 Acq On : 8 Nov 2018 21:08
 Operator : VA/AP
 Sample : J5858-03RE
 Misc : 5.42g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-8-SRE

Quant Time: Nov 09 13:49:44 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

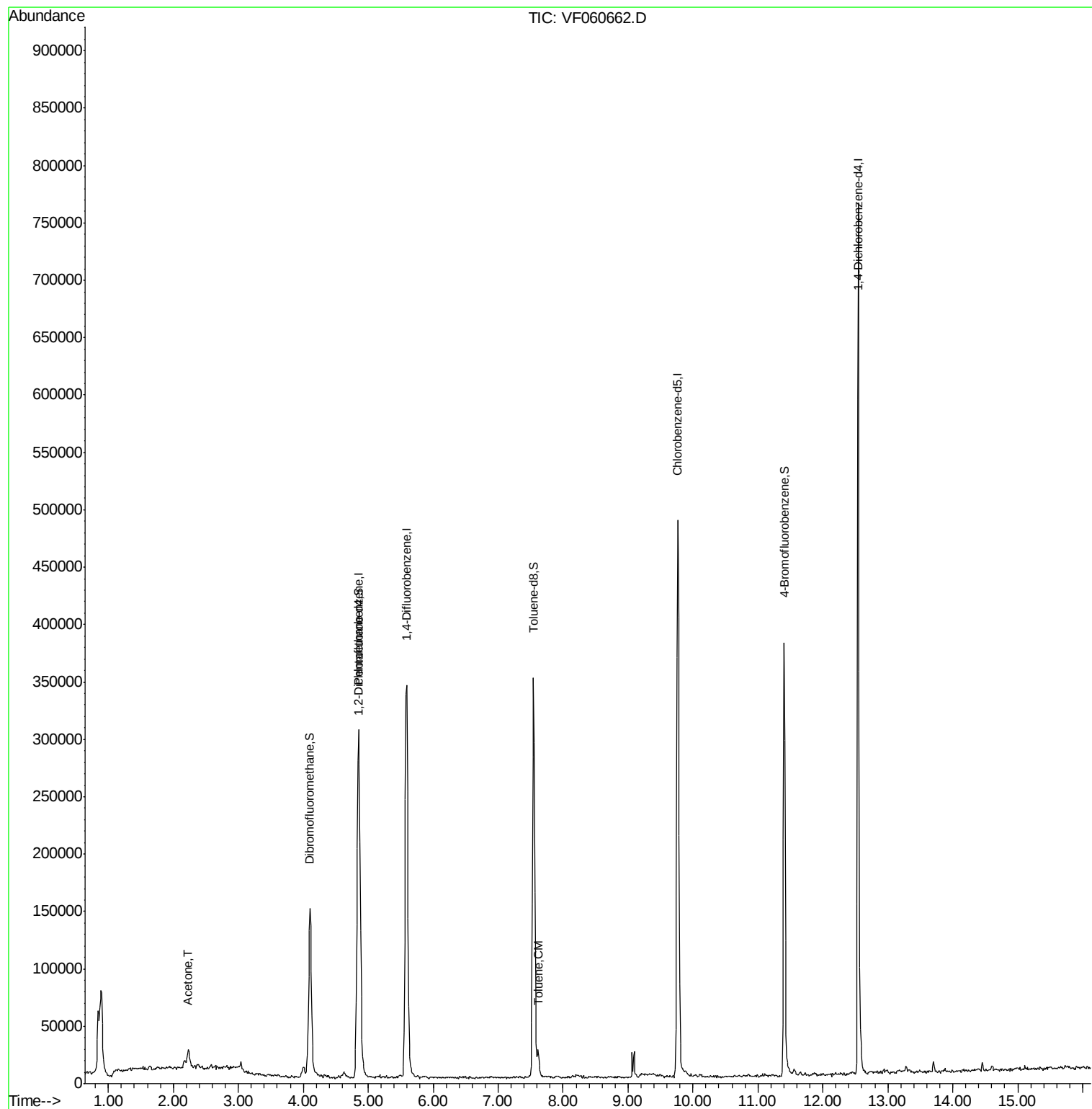
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	228427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	404802	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	352053	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	192149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	114850	49.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	4.10	113	142864	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
50) Toluene-d8	7.55	98	298303	32.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.40%	
62) 4-Bromofluorobenzene	11.40	95	149100	36.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.58%	
Target Compounds						
16) Acetone	2.23	43	18412	33.855	ug/l #	90
52) Toluene	7.62	92	10195	1.447	ug/l	90

(#) = 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. -0.00 min

Lab File: VF060662.D

Acq: 8 Nov 2018 21:08

Instrument :

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ClientSampleId :

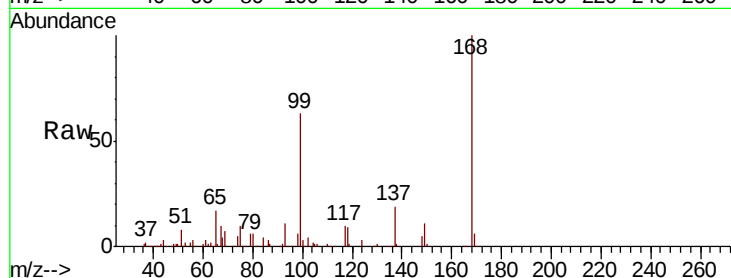
SB-8-SRE

Tot Ion:168 Resp: 228427

Ion Ratio Lower Upper

168 100

99 62.6 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

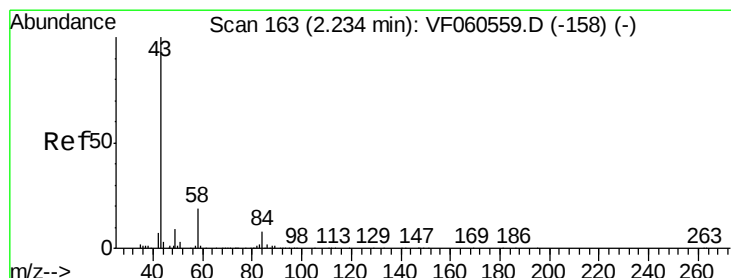
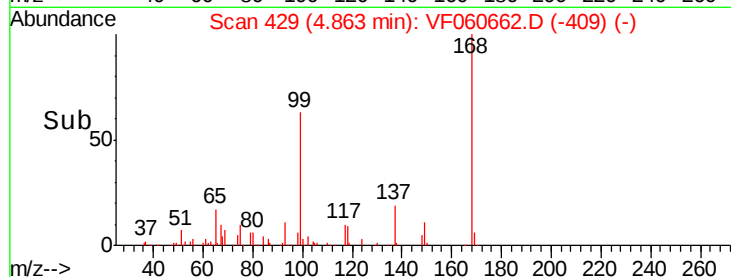
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 33.855 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF060662.D

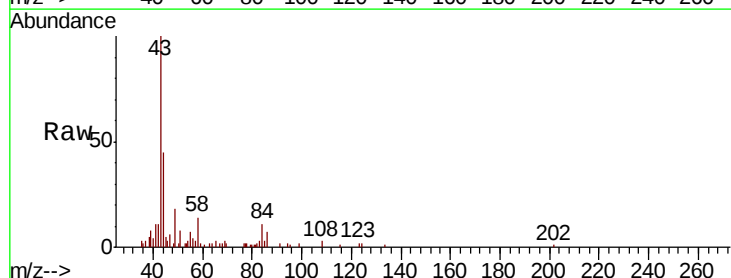
Acq: 8 Nov 2018 21:08

Tgt Ion: 43 Resp: 18412

Ion Ratio Lower Upper

43 100

58 13.7 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

10000

8000

6000

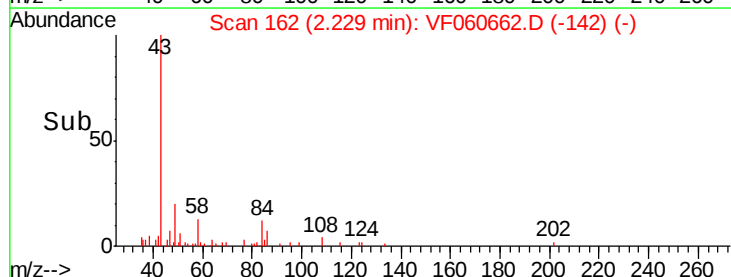
4000

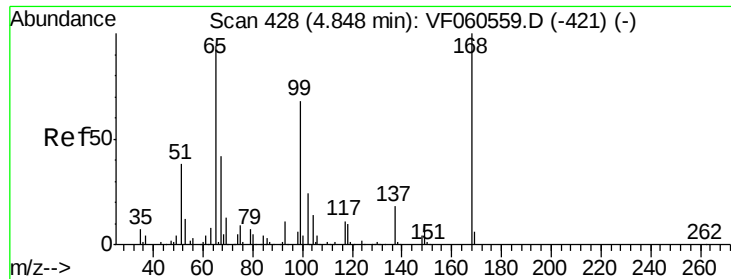
2000

0

2.15 2.20 2.25 2.30 2.35

Time-->

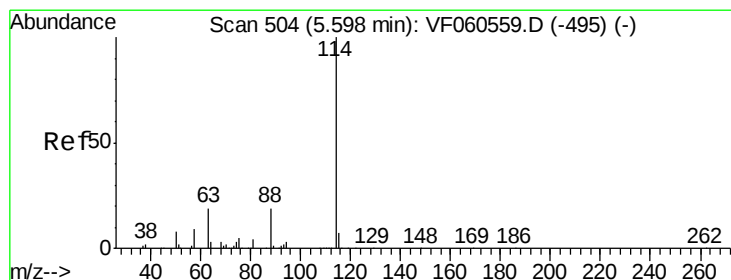
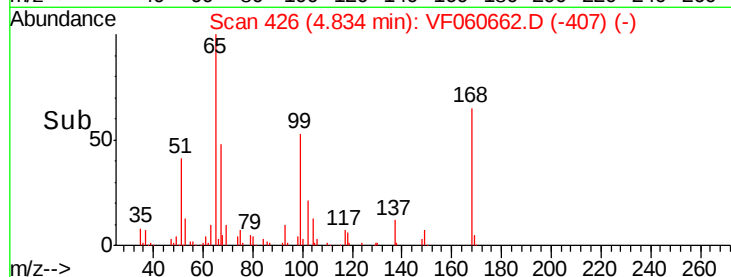
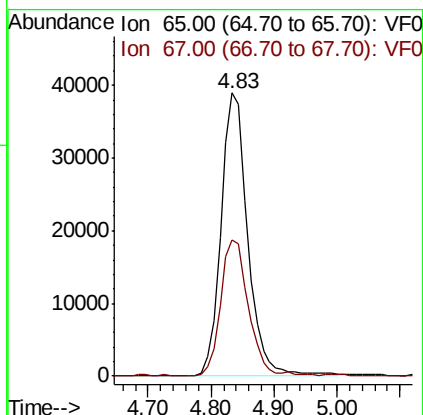
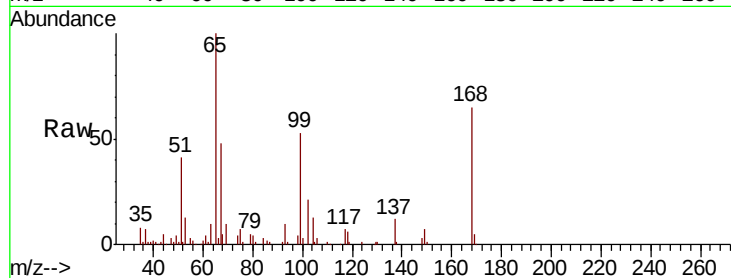




#33
 1,2-Dichloroethane-d4
 Concen: 49.763 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: VF060662.D
 Acq: 8 Nov 2018 21:08

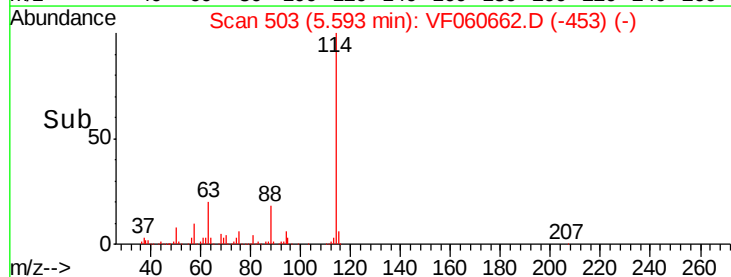
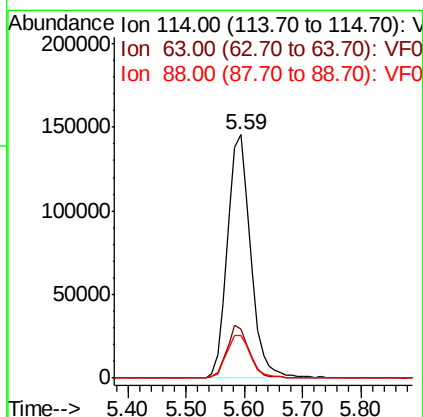
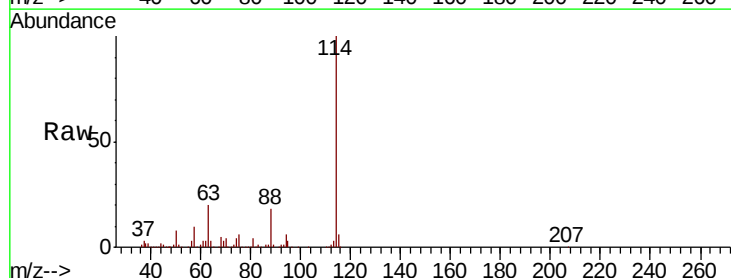
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-8-SRE

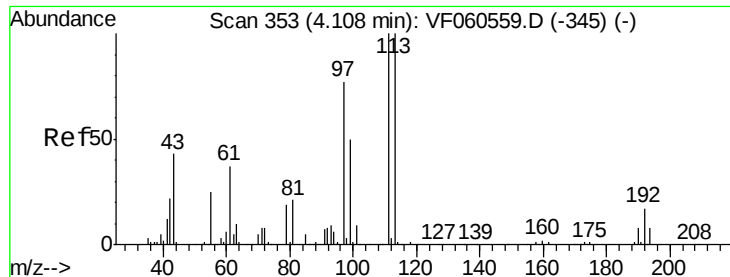
Tot Ion: 65 Resp: 114850
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VF060662.D
 Acq: 8 Nov 2018 21:08

Tgt Ion: 114 Resp: 404802
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 17.7 0.0 38.2





#35

Dibromofluoromethane

Concen: 45.680 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF060662.D

Acq: 8 Nov 2018 21:08

Instrument :

MSVOA_F

ClientSampleId :

SB-8-SRE

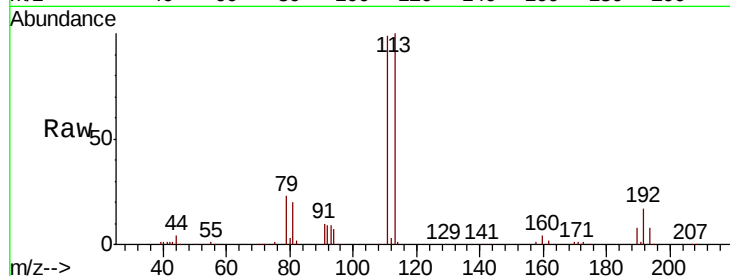
Tot Ion:113 Resp: 142864

Ion Ratio Lower Upper

113 100

111 99.2 79.9 119.9

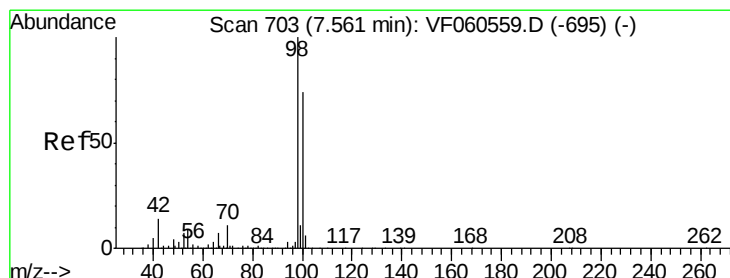
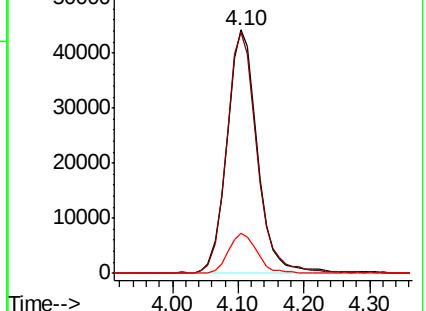
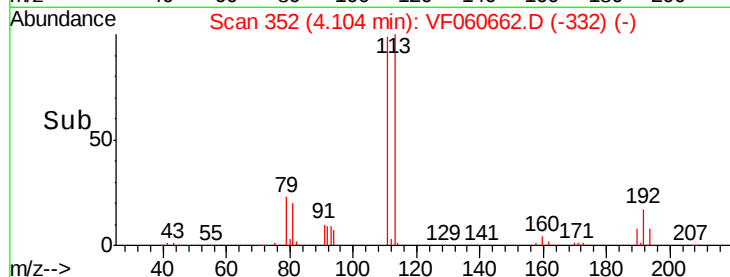
192 16.7 13.3 19.9



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: 32.198 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF060662.D

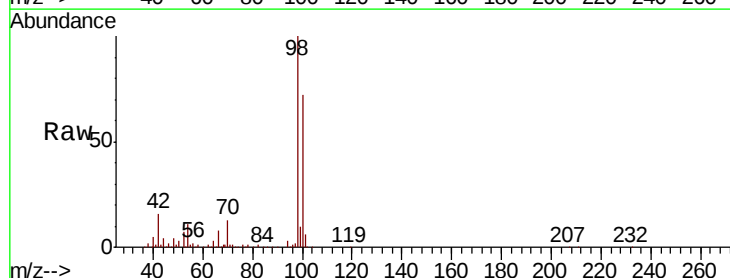
Acq: 8 Nov 2018 21:08

Tgt Ion: 98 Resp: 298303

Ion Ratio Lower Upper

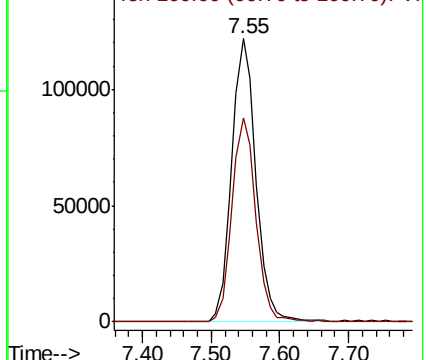
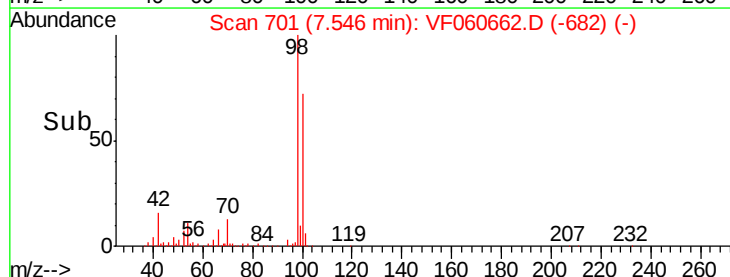
98 100

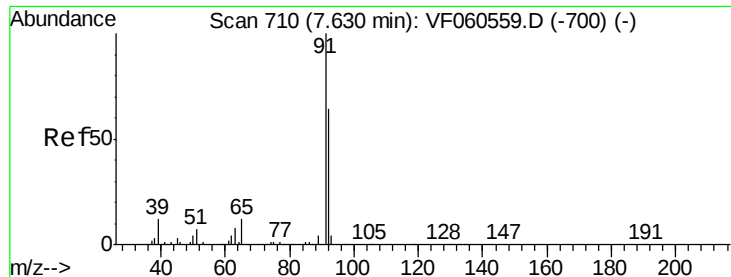
100 72.0 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 1.447 ug/l

RT: 7.62 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF060662.D

Acq: 8 Nov 2018 21:08

Instrument :

MSVOA_F

ClientSampleId :

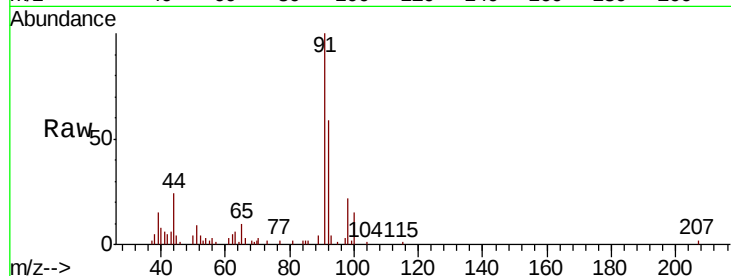
SB-8-SRE

Tot Ion: 92 Resp: 10195

Ion Ratio Lower Upper

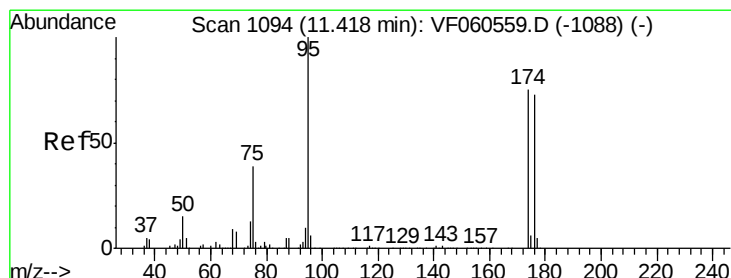
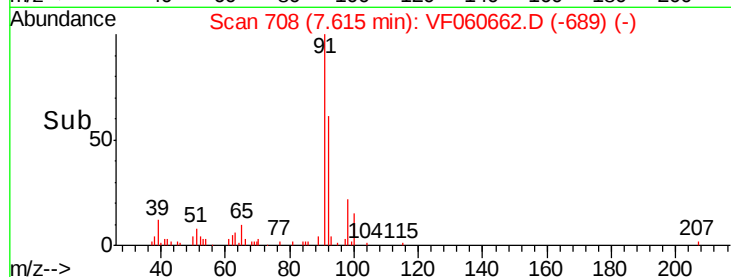
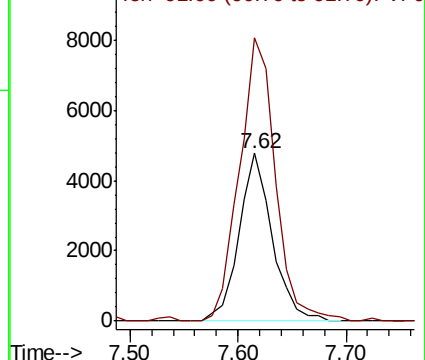
92 100

91 168.6 124.5 186.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 36.793 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF060662.D

Acq: 8 Nov 2018 21:08

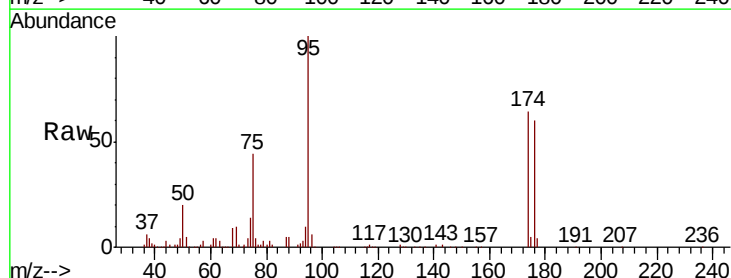
Tgt Ion: 95 Resp: 149100

Ion Ratio Lower Upper

95 100

174 63.9 0.0 149.0

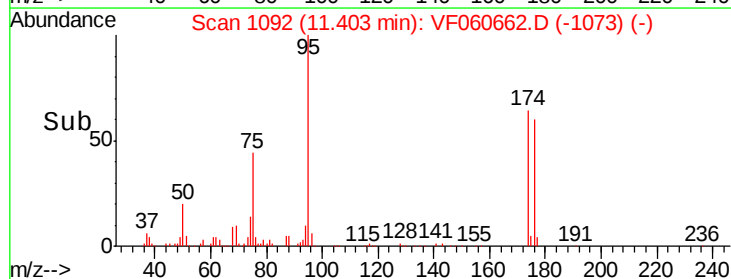
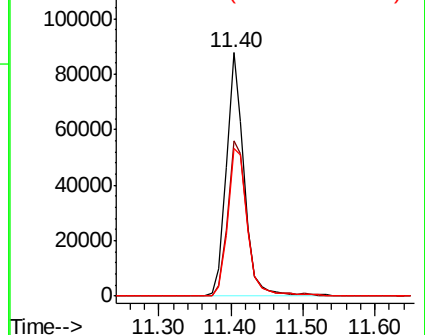
176 60.5 0.0 145.6

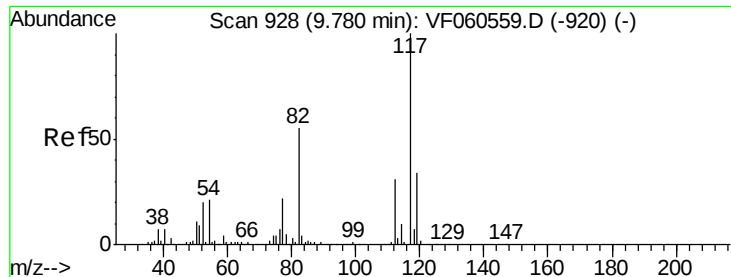


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

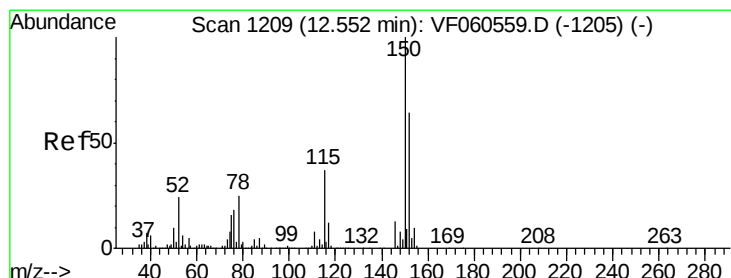
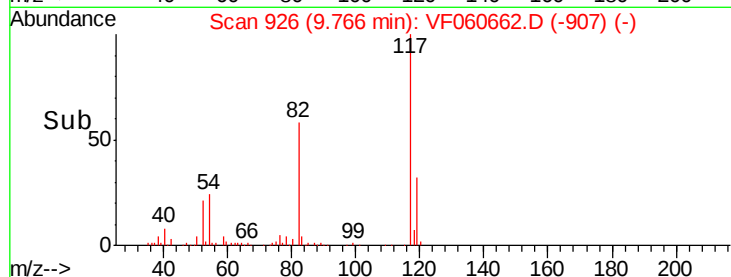
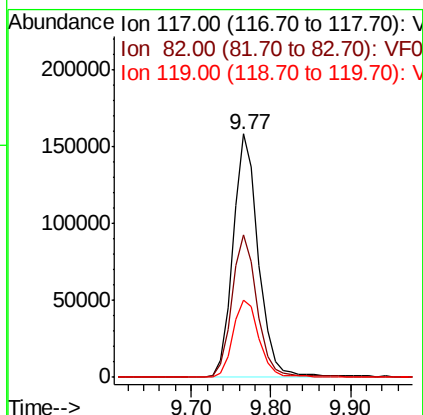
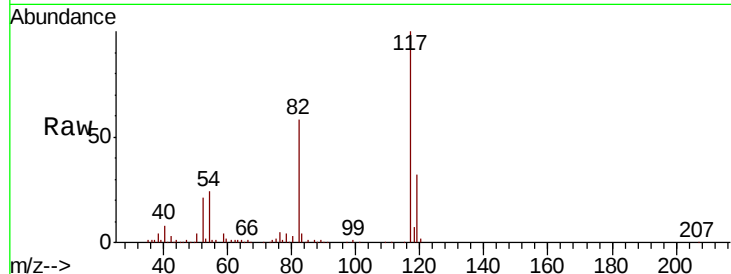




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060662.D
Acq: 8 Nov 2018 21:08

Instrument :
MSVOA_F
ClientSampleId :
SB-8-SRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.9	65.9
119	31.9	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060662.D
Acq: 8 Nov 2018 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.6	88.8
150	157.9	0.0	315.6

