

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060702.D
 Acq On : 12 Nov 2018 23:51
 Operator : VA/AP
 Sample : J5908-15RE
 Misc : 5.87g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-5-SRE

Quant Time: Nov 13 05:00:43 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

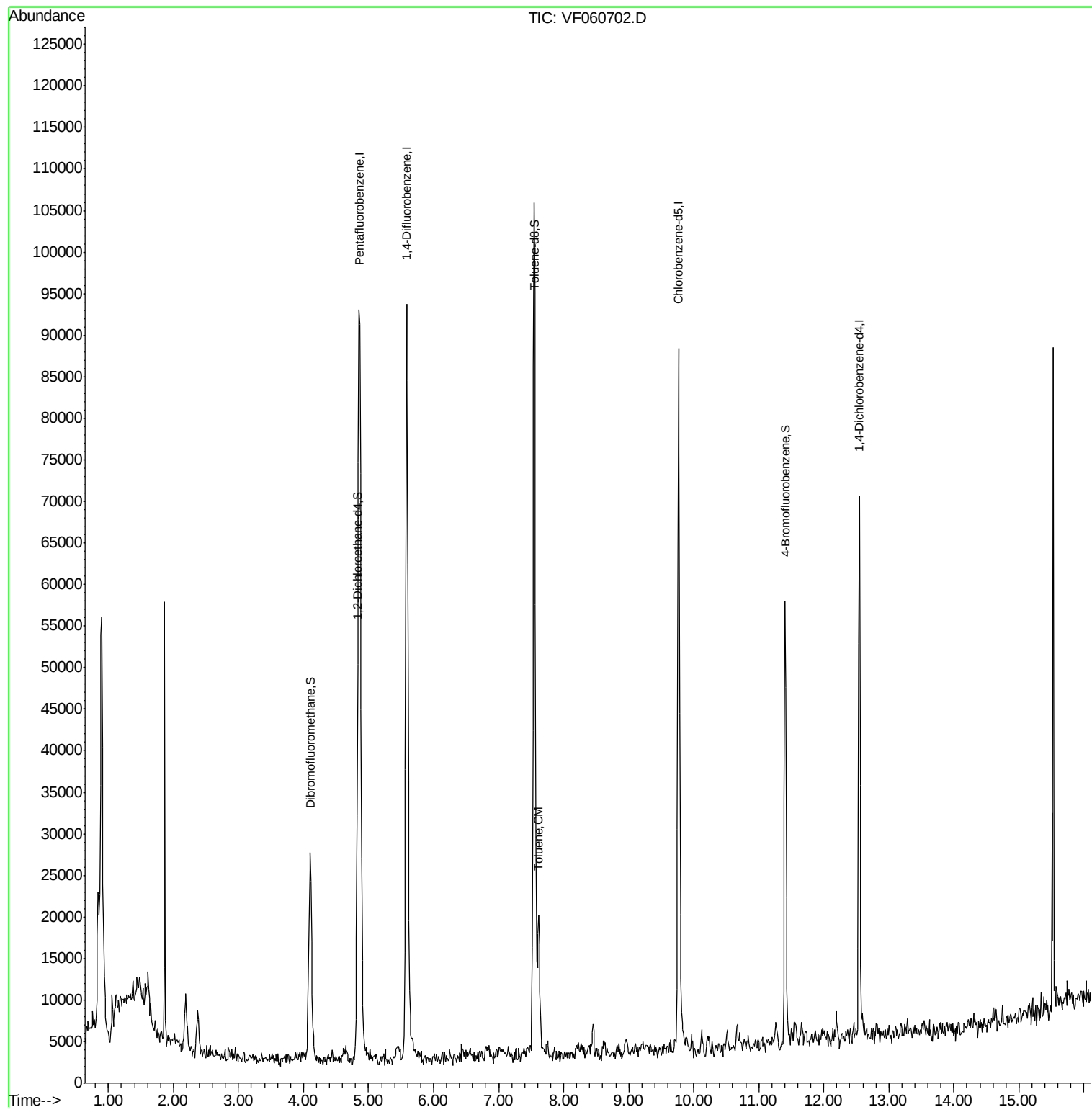
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	80872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	102541	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	61625	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	15932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	15845	19.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	38.78%	
35) Dibromofluoromethane	4.10	113	24264	30.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.26%	
50) Toluene-d8	7.55	98	90438	38.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.08%	
62) 4-Bromofluorobenzene	11.40	95	21008	20.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	40.94%	
Target Compounds						
52) Toluene	7.62	92	7755	4.344	ug/l	Qvalue 80

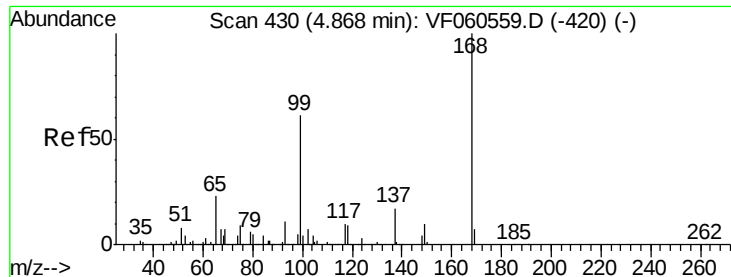
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111218\
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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: VF060702.D

Acq: 12 Nov 2018 23:51

Instrument :

MSVOA_F

ClientSampleId :

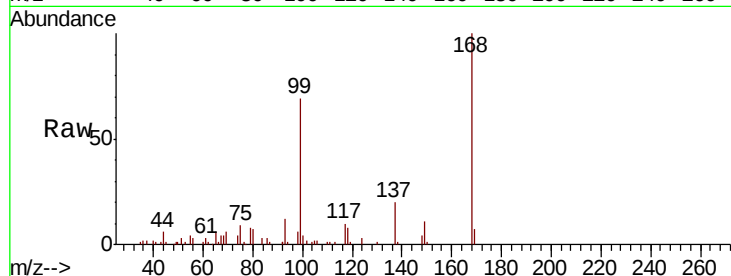
SR-5-SRE

Tot Ion:168 Resp: 80872

Ion Ratio Lower Upper

168 100

99 68.9 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

25000

20000

15000

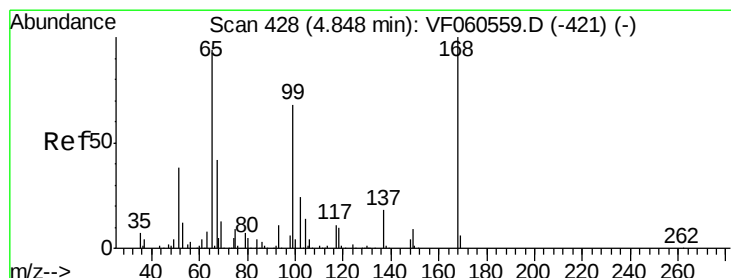
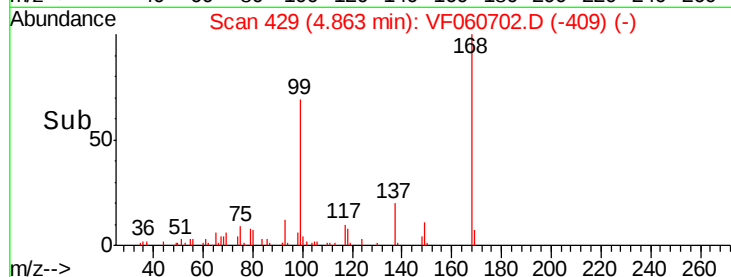
10000

5000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 19.392 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF060702.D

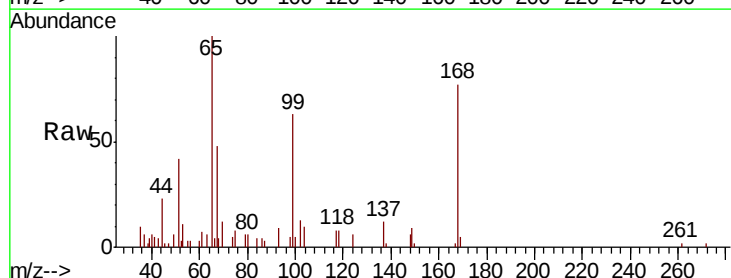
Acq: 12 Nov 2018 23:51

Tgt Ion: 65 Resp: 15845

Ion Ratio Lower Upper

65 100

67 47.7 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

6000

5000

4000

3000

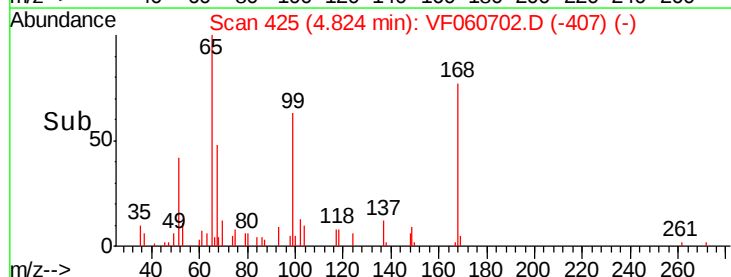
2000

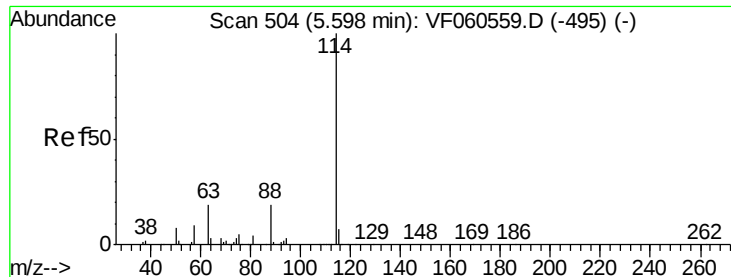
1000

0

Time-->

4.70 4.80 4.90

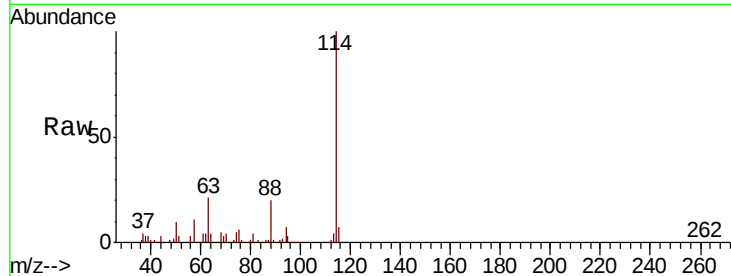




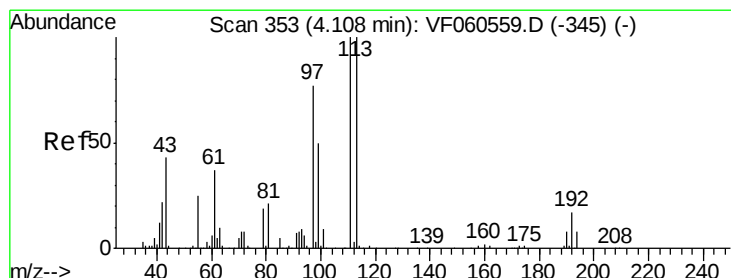
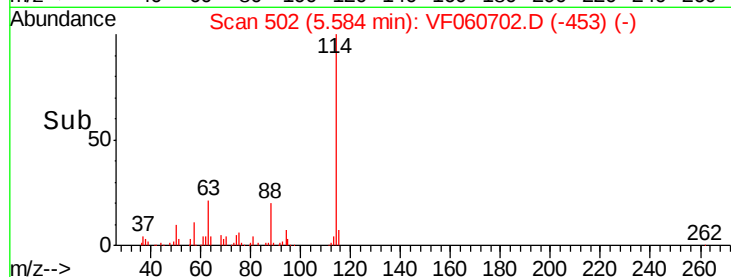
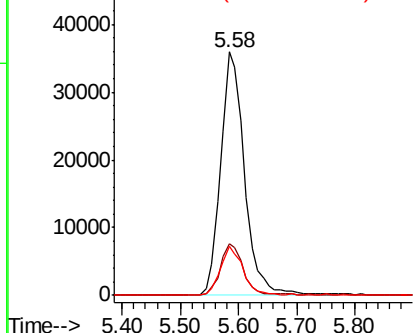
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF060702.D
Acq: 12 Nov 2018 23:51

Instrument :
MSVOA_F
ClientSampleId :
SR-5-SRE

Tot Ion:114 Resp: 102541
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.0
88 20.3 0.0 38.2

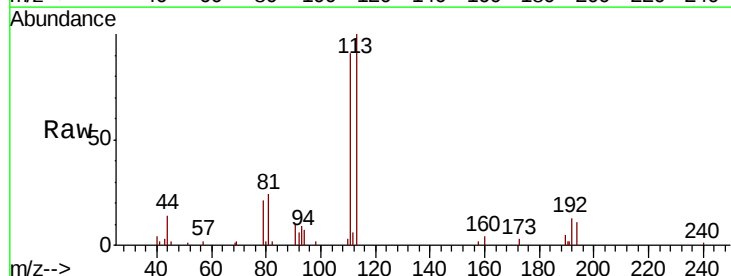


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

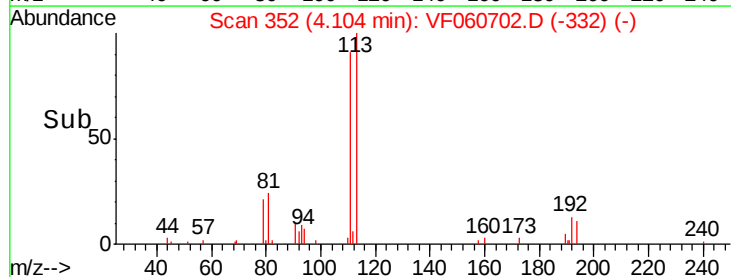
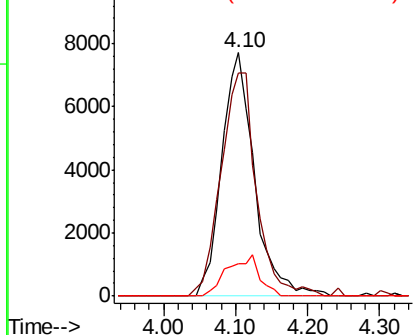


#35
Dibromofluoromethane
Concen: 30.628 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF060702.D
Acq: 12 Nov 2018 23:51

Tgt Ion:113 Resp: 24264
Ion Ratio Lower Upper
113 100
111 91.4 79.9 119.9
192 13.3 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: 38.536 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF060702.D

Acq: 12 Nov 2018 23:51

Instrument :

MSVOA_F

ClientSampleId :

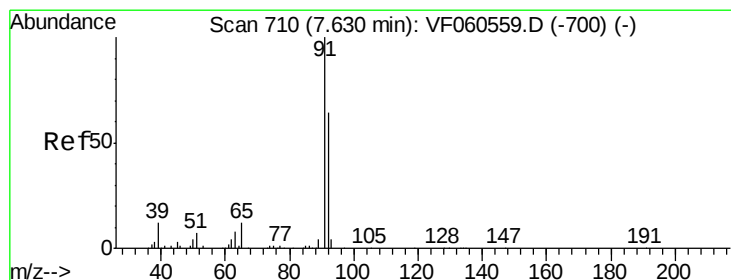
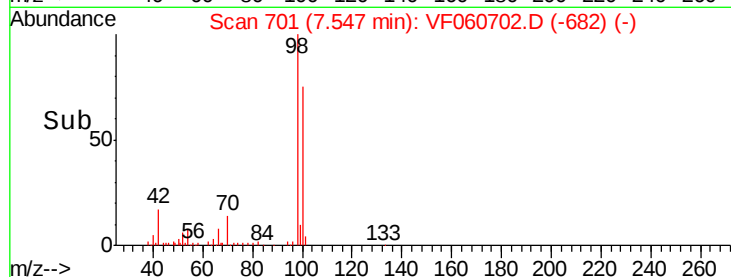
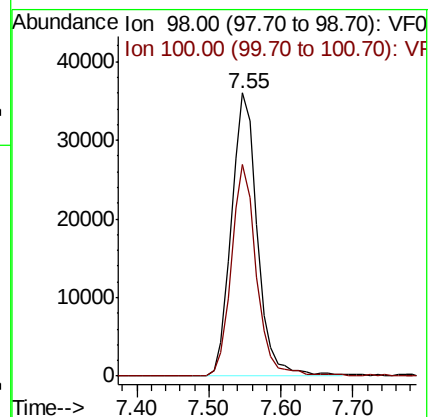
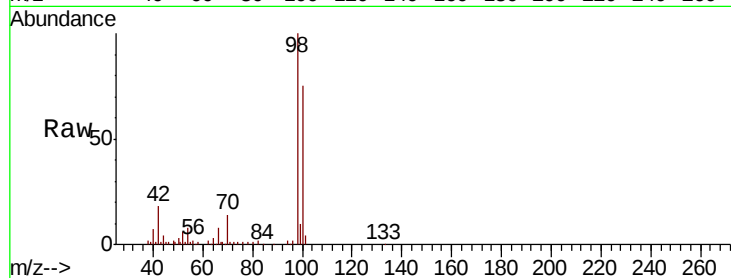
SR-5-SRE

Tot Ion: 98 Resp: 90438

Ion Ratio Lower Upper

98 100

100 75.0 59.4 89.2



#52

Toluene

Concen: 4.344 ug/l

RT: 7.62 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF060702.D

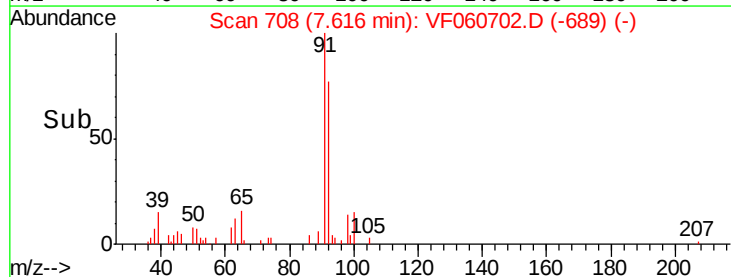
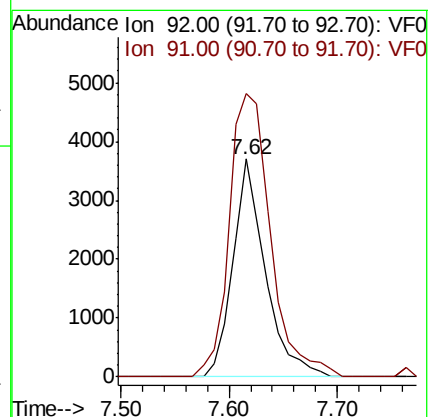
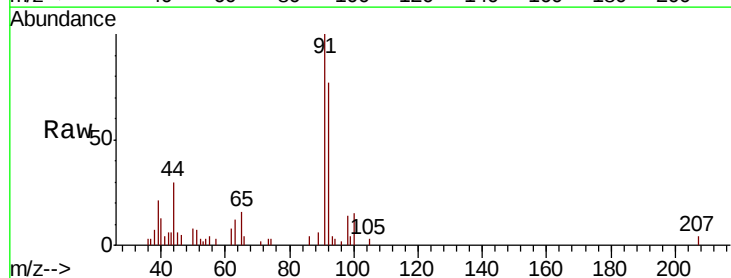
Acq: 12 Nov 2018 23:51

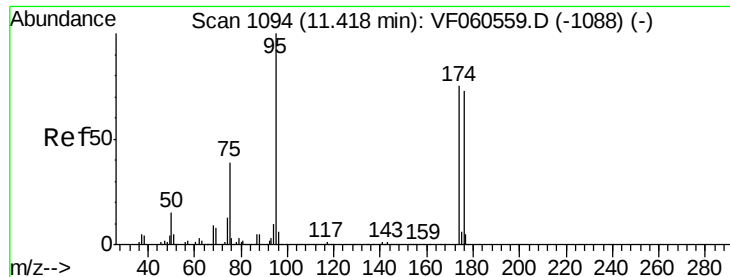
Tgt Ion: 92 Resp: 7755

Ion Ratio Lower Upper

92 100

91 129.9 124.5 186.7





#62

4-Bromofluorobenzene

Concen: 20.465 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF060702.D

Acq: 12 Nov 2018 23:51

Instrument :

MSVOA_F

ClientSampleId :

SR-5-SRE

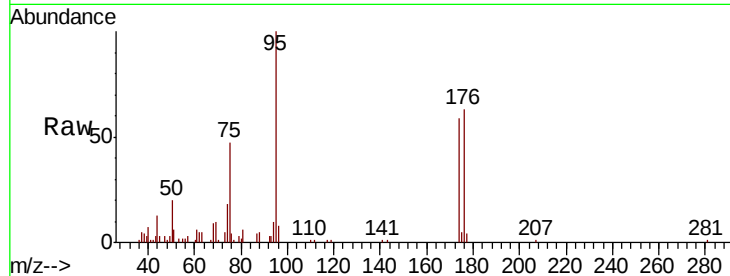
Tot Ion: 95 Resp: 21008

Ion Ratio Lower Upper

95 100

174 59.4 0.0 149.0

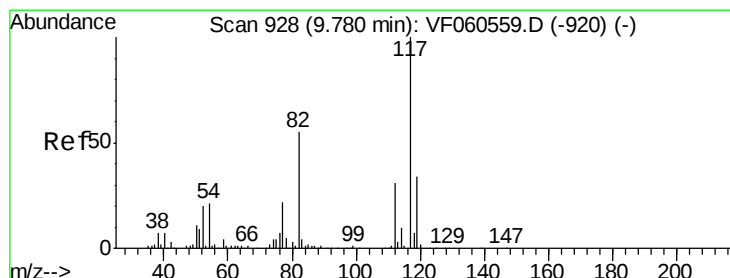
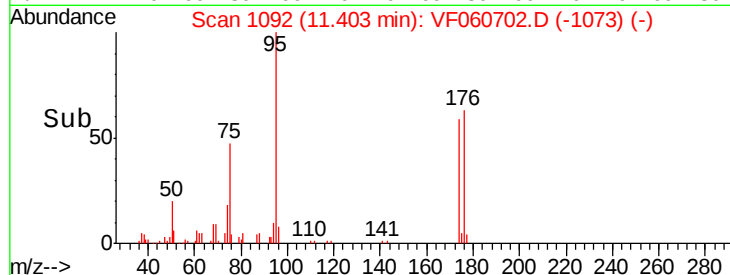
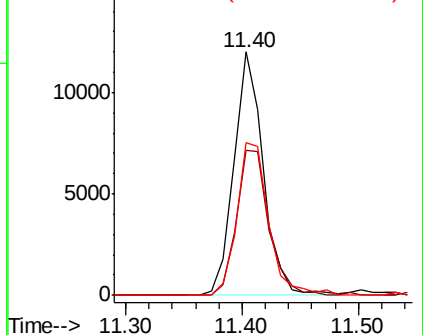
176 63.0 0.0 145.6



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: VF060702.D

Acq: 12 Nov 2018 23:51

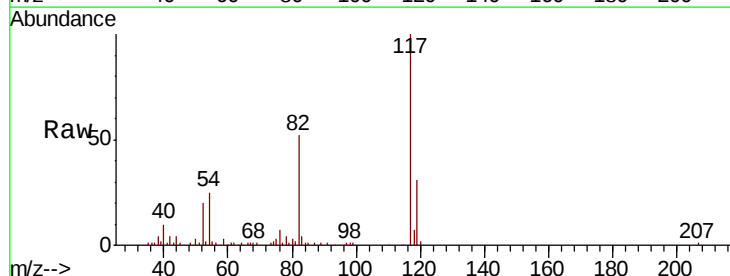
Tgt Ion: 117 Resp: 61625

Ion Ratio Lower Upper

117 100

82 52.1 43.9 65.9

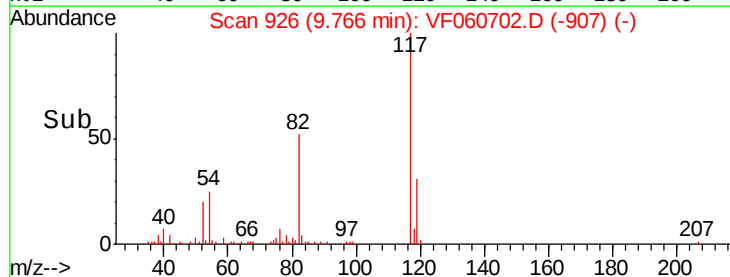
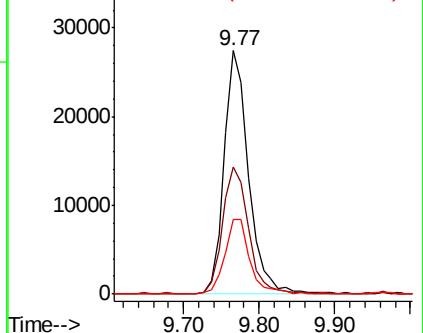
119 30.8 27.4 41.0

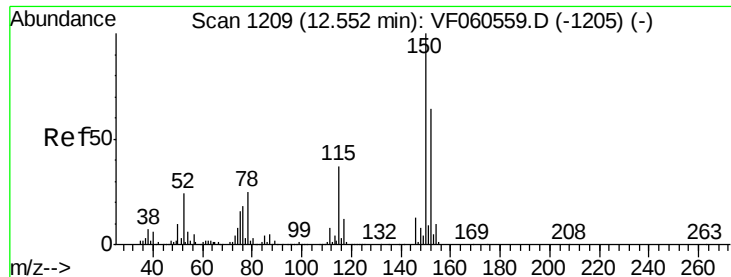


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



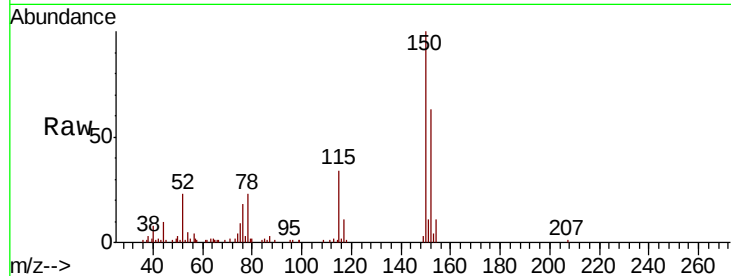


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060702.D
Acq: 12 Nov 2018 23:51

Instrument :
MSVOA_F
ClientSampleId :
SR-5-SRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	29.6	88.8
150	157.9	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

