

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060676.D
 Acq On : 9 Nov 2018 17:11
 Operator : VA/AP
 Sample : J5269-06RE
 Misc : 5.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-12-SRE

Quant Time: Nov 12 04:48:31 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

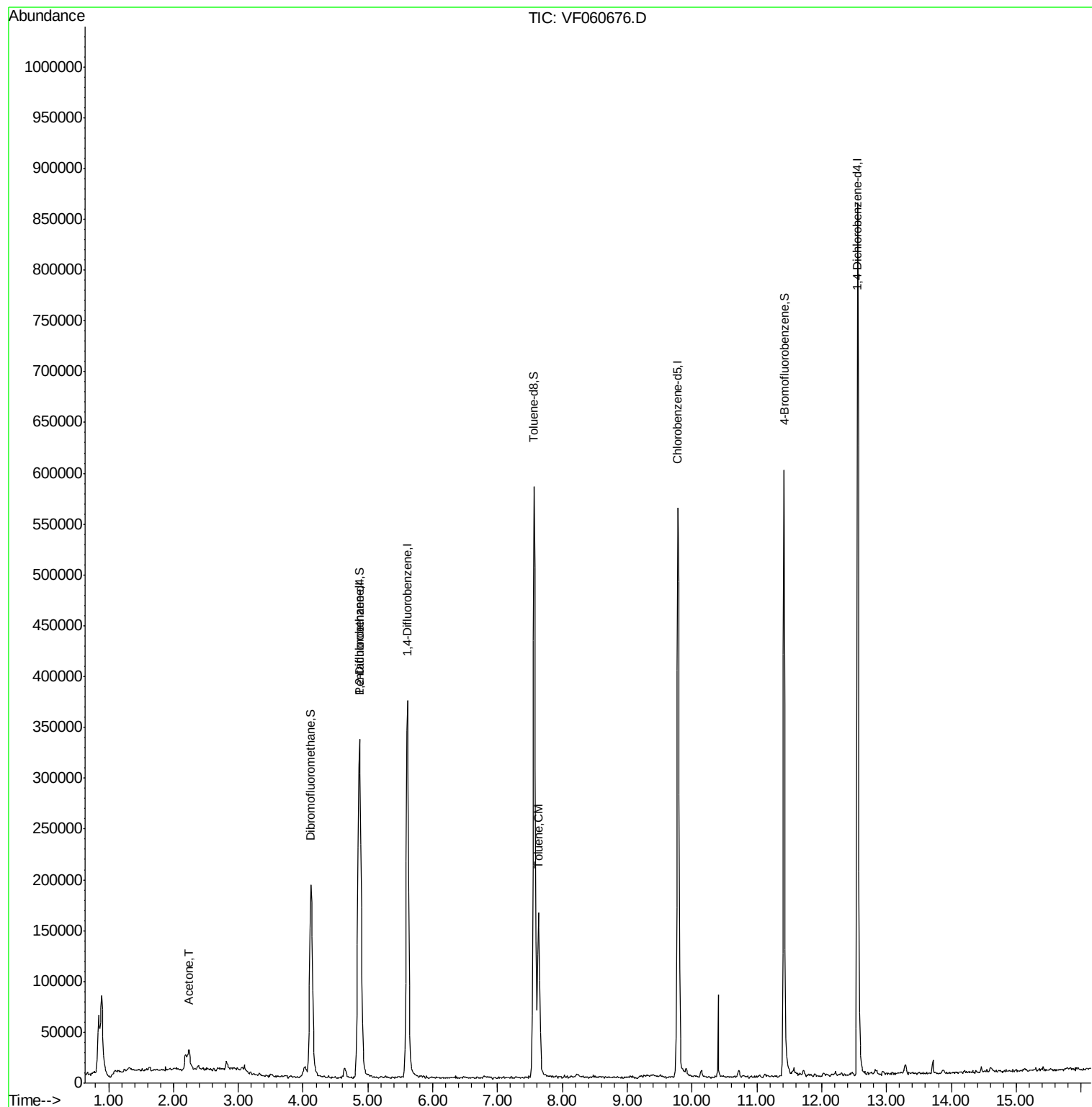
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	236872	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	434934	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	416193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	214435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	154515	64.56	ug/l	0.01
Spiked Amount 50.000			Recovery	=	129.12%	
35) Dibromofluoromethane	4.12	113	179650	53.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.92%	
50) Toluene-d8	7.56	98	499679	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.42	95	232519	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
Target Compounds						
16) Acetone	2.25	43	21166	37.532	ug/l	96
52) Toluene	7.63	92	88191	11.647	ug/l	90

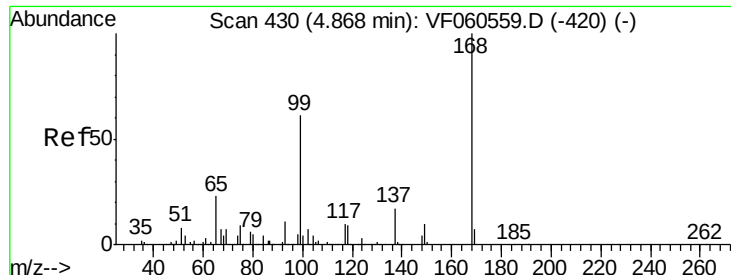
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060676.D

Acq: 9 Nov 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

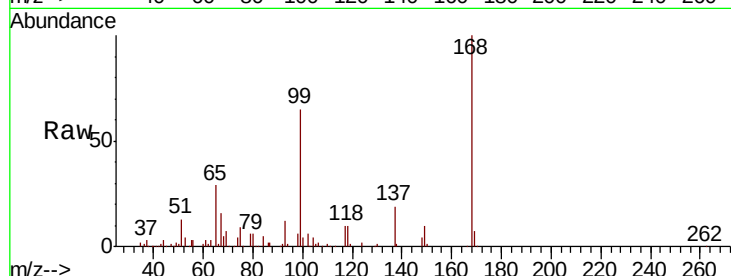
SB-12-SRE

Tot Ion:168 Resp: 236872

Ion Ratio Lower Upper

168 100

99 64.9 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

60000

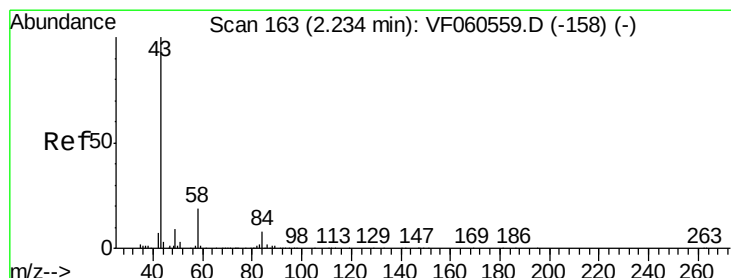
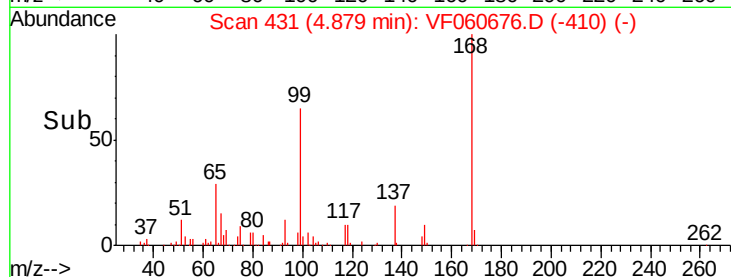
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 37.532 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF060676.D

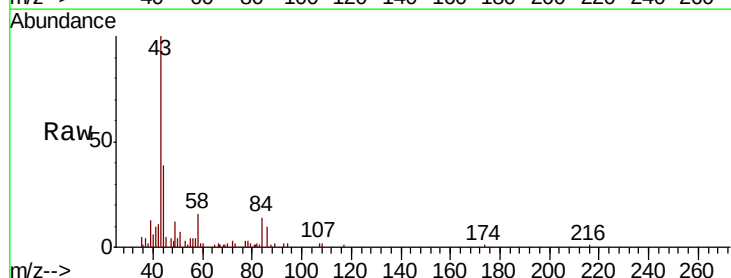
Acq: 9 Nov 2018 17:11

Tgt Ion: 43 Resp: 21166

Ion Ratio Lower Upper

43 100

58 16.3 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

10000

8000

6000

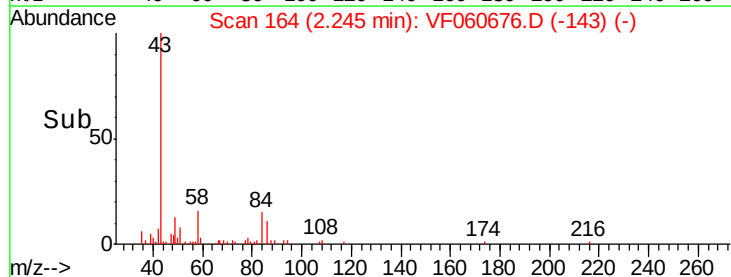
4000

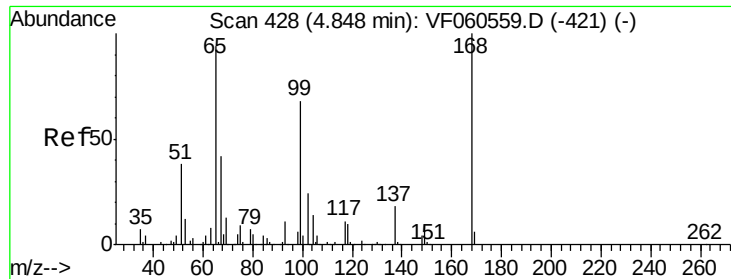
2000

0

2.15 2.20 2.25 2.30

Time-->

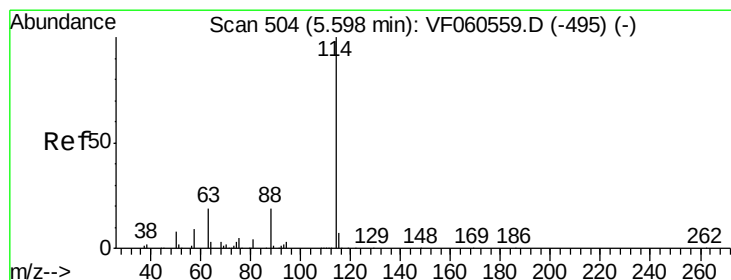
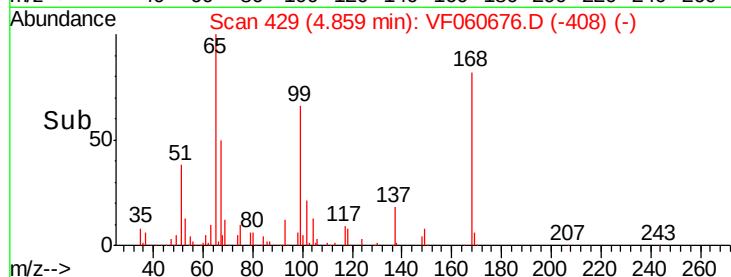
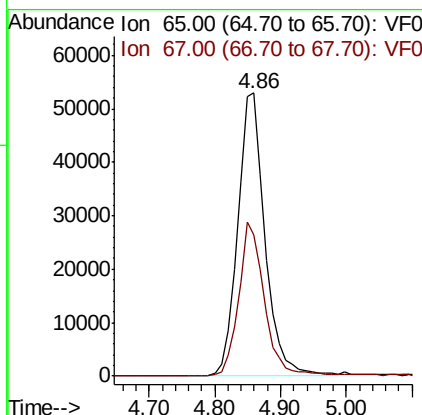
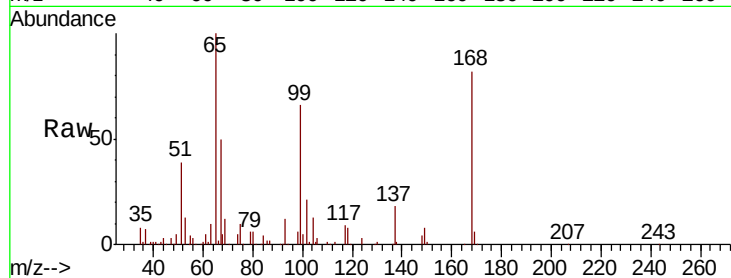




#33
 1,2-Dichloroethane-d4
 Concen: 64.562 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: VF060676.D
 Acq: 9 Nov 2018 17:11

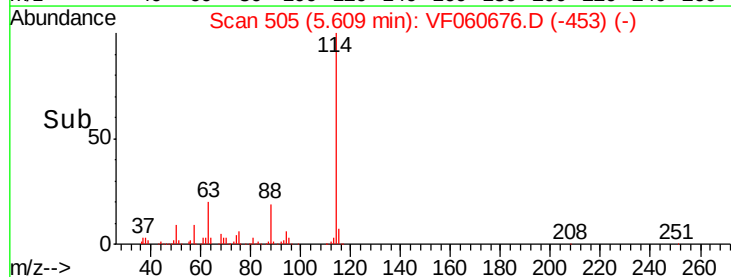
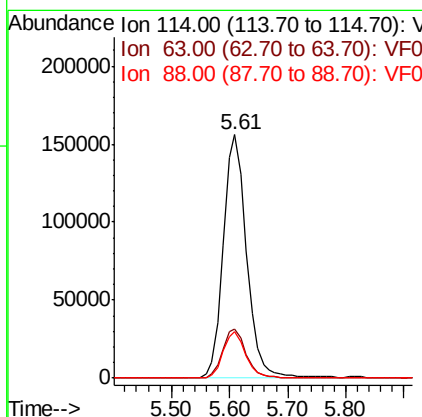
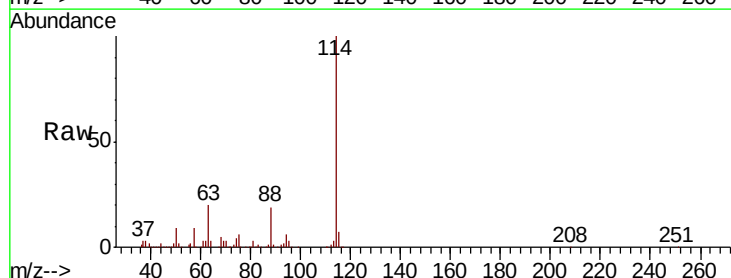
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-12-SRE

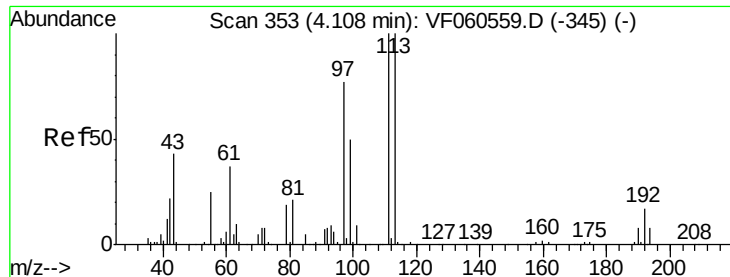
Tot Ion: 65 Resp: 154515
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF060676.D
 Acq: 9 Nov 2018 17:11

Tgt Ion: 114 Resp: 434934
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 19.3 0.0 38.2





#35

Dibromofluoromethane

Concen: 53.463 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060676.D

Acq: 9 Nov 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

SB-12-SRE

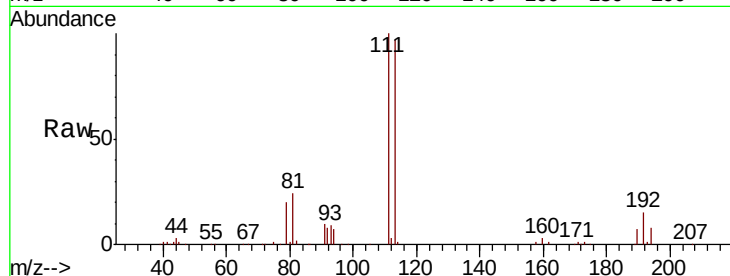
Tot Ion:113 Resp: 179650

Ion Ratio Lower Upper

113 100

111 103.3 79.9 119.9

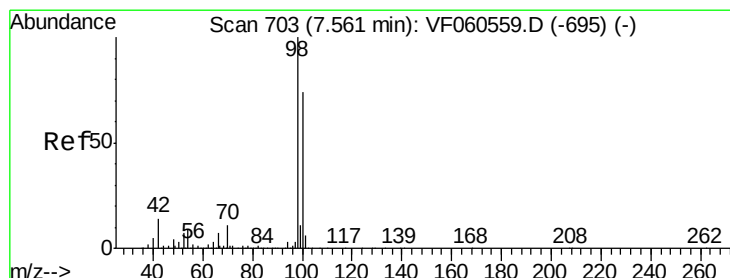
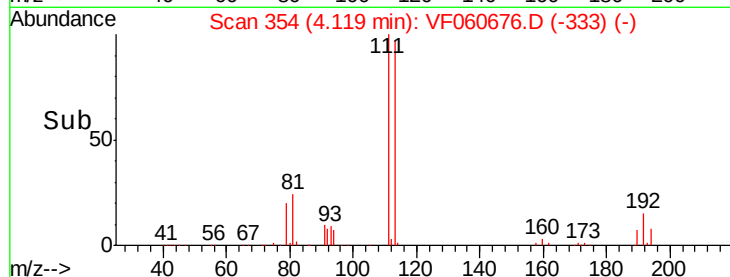
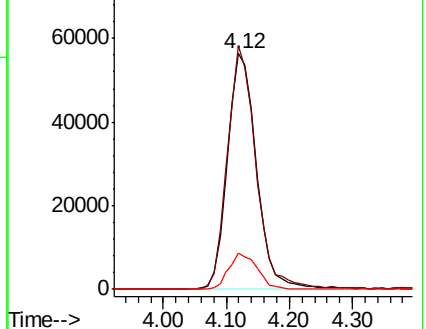
192 15.2 13.3 19.9



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: 50.198 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF060676.D

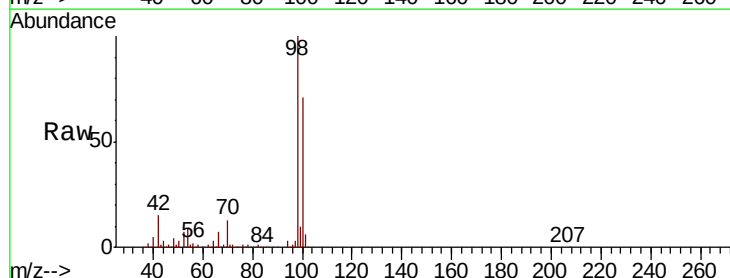
Acq: 9 Nov 2018 17:11

Tgt Ion: 98 Resp: 499679

Ion Ratio Lower Upper

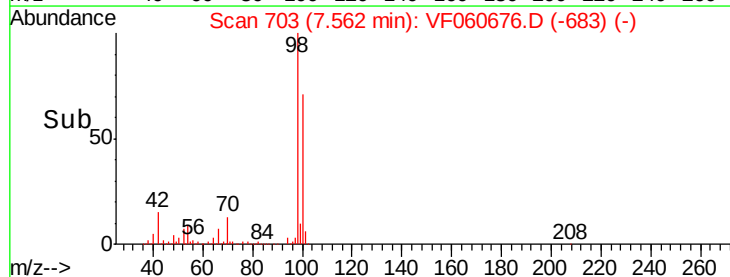
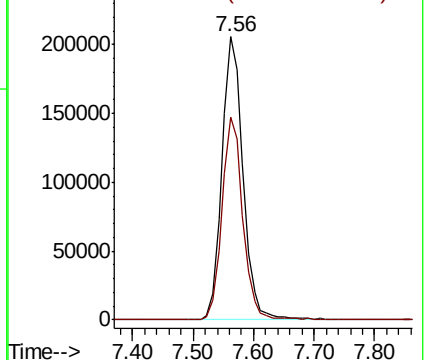
98 100

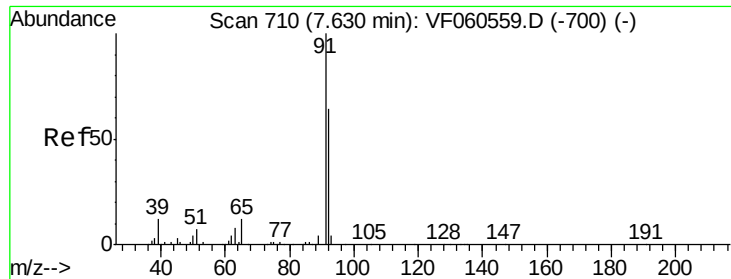
100 71.5 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 11.647 ug/l

RT: 7.63 min Scan# 710

Delta R.T. 0.00 min

Lab File: VF060676.D

Acq: 9 Nov 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

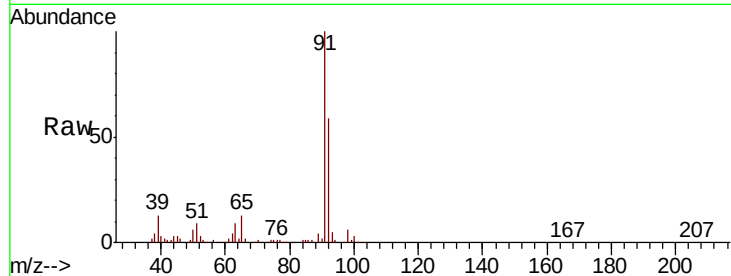
SB-12-SRE

Tot Ion: 92 Resp: 88191

Ion Ratio Lower Upper

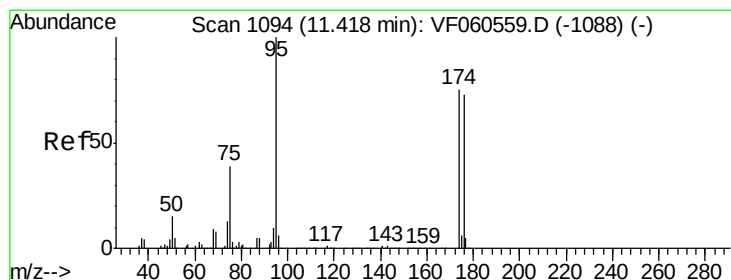
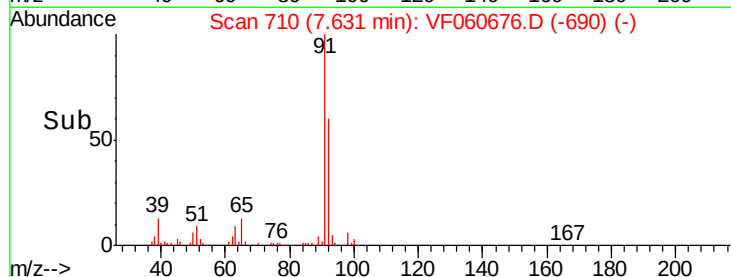
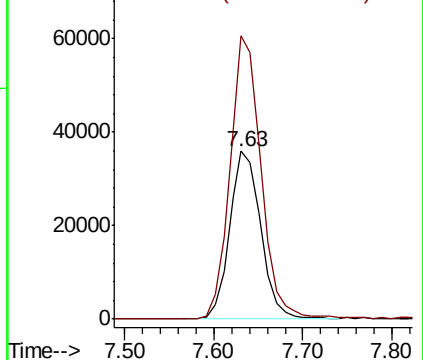
92 100

91 168.4 124.5 186.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 53.402 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060676.D

Acq: 9 Nov 2018 17:11

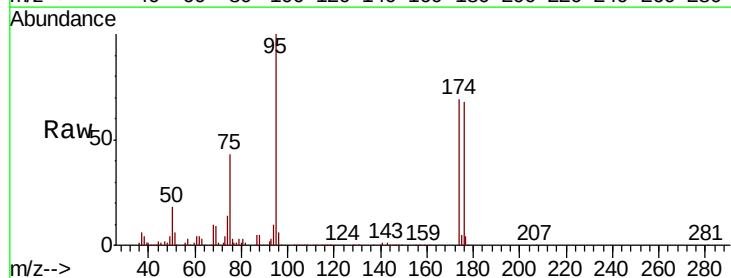
Tgt Ion: 95 Resp: 232519

Ion Ratio Lower Upper

95 100

174 69.4 0.0 149.0

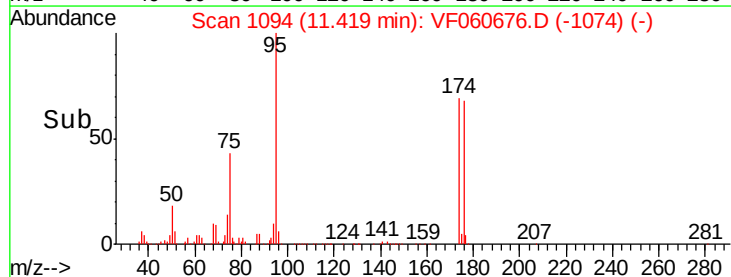
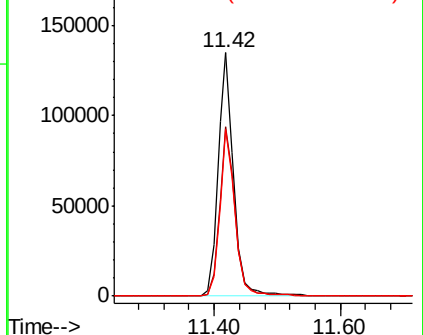
176 68.3 0.0 145.6

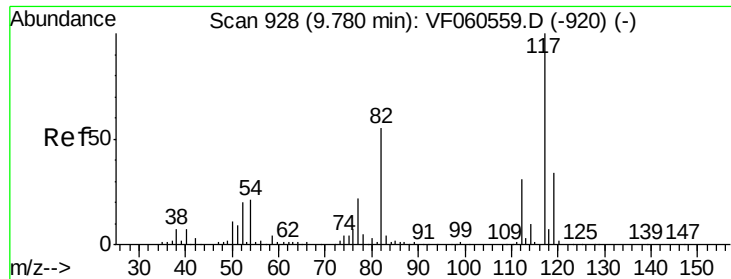


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

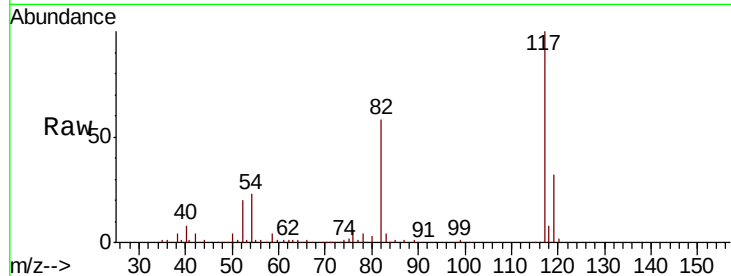




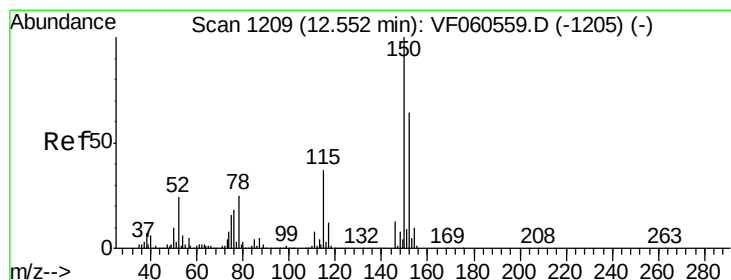
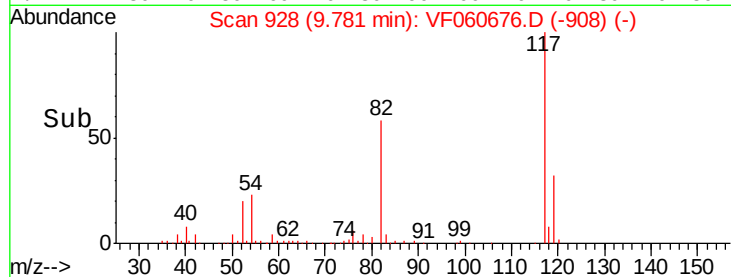
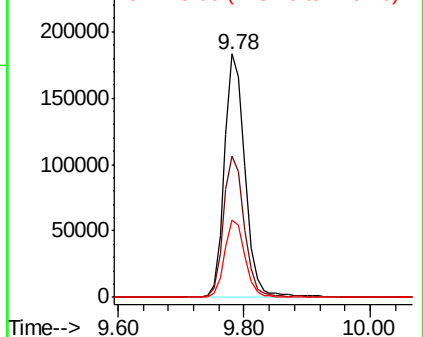
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060676.D
Acq: 9 Nov 2018 17:11

Instrument :
MSVOA_F
ClientSampleId :
SB-12-SRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.9	65.9
119	31.5	27.4	41.0

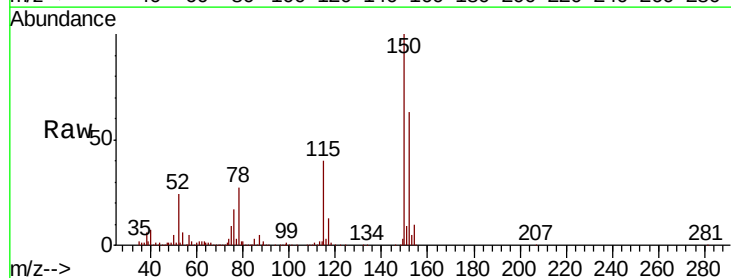


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060676.D
Acq: 9 Nov 2018 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	29.6	88.8
150	158.1	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

