

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060342.D
 Acq On : 25 Sep 2018 23:18
 Operator : VA/AP
 Sample : J5055-16
 Misc : 5.12/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-D

Quant Time: Sep 26 12:06:56 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

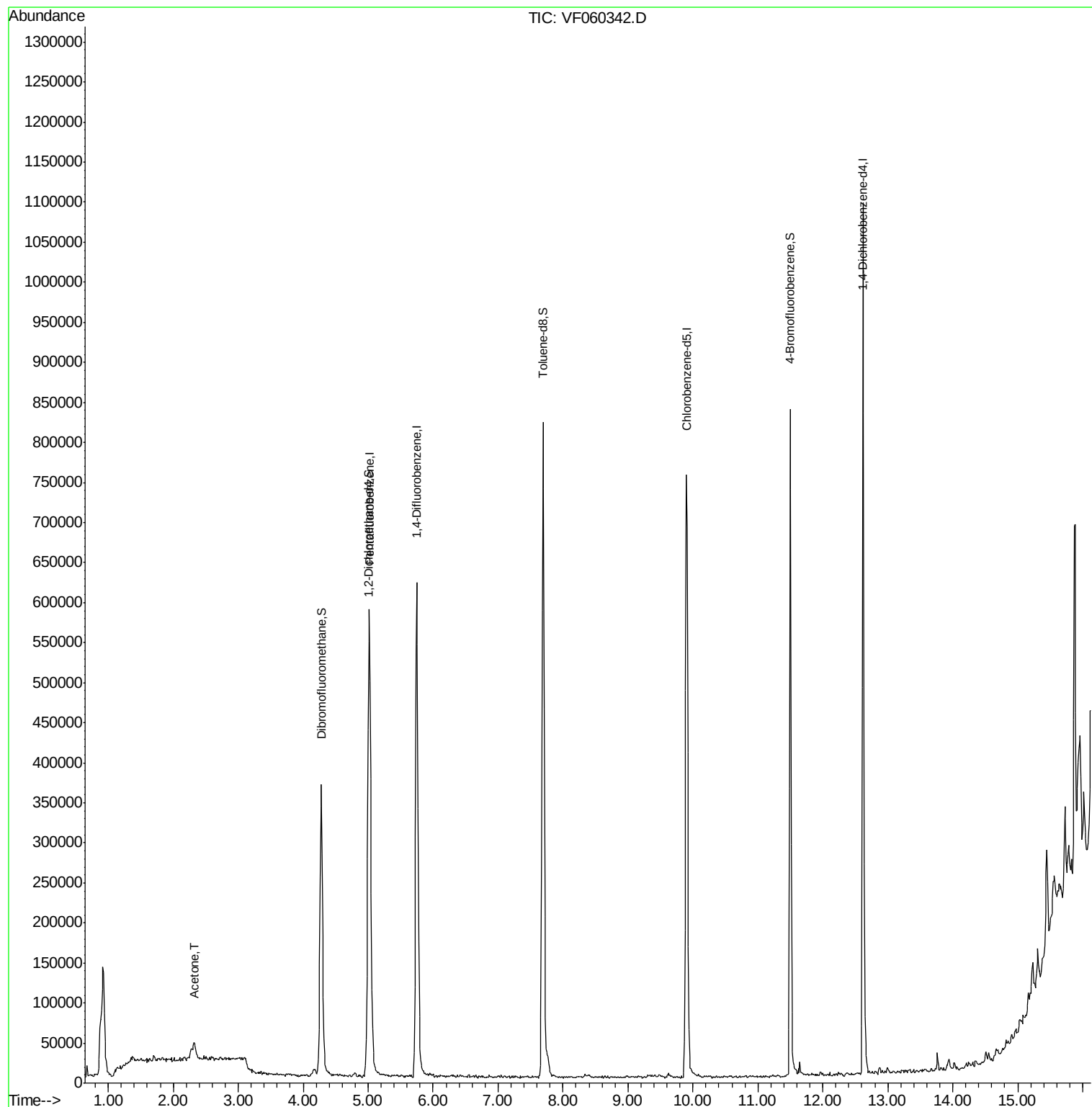
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	387275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	688778	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	543072	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	270257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	289337	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
35) Dibromofluoromethane	4.28	113	339341	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
50) Toluene-d8	7.69	98	707363	44.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.48%	
62) 4-Bromofluorobenzene	11.50	95	304938	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
16) Acetone	2.33	43	30505	20.772	ug/l	Qvalue 94

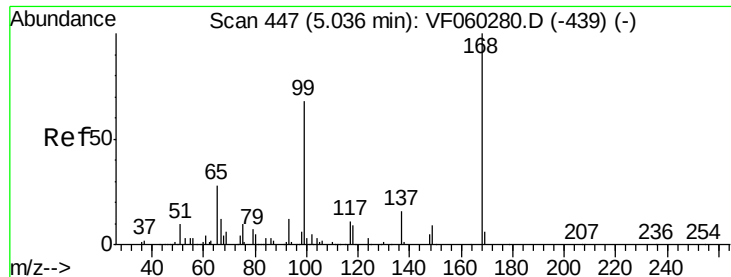
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

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MSVOA_F

ClientSampleId :

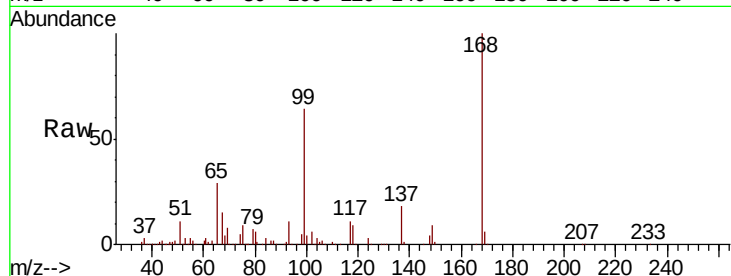
TP-D

Tot Ion:168 Resp: 387275

Ion Ratio Lower Upper

168 100

99 64.1 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

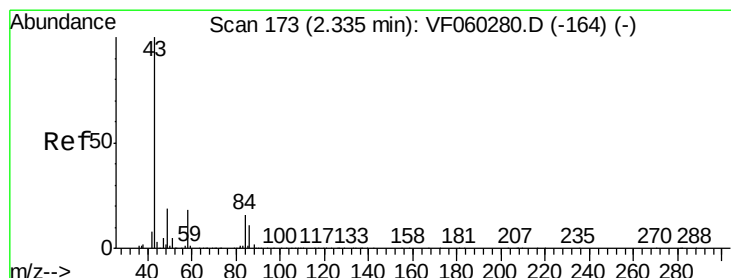
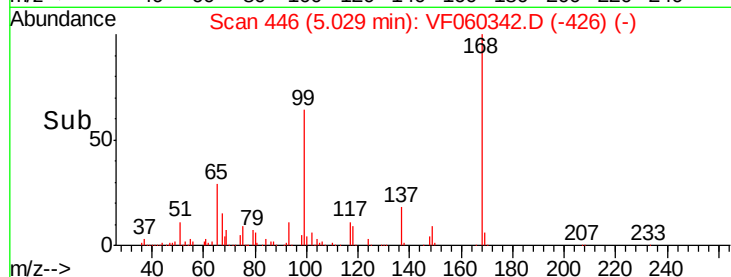
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.772 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060342.D

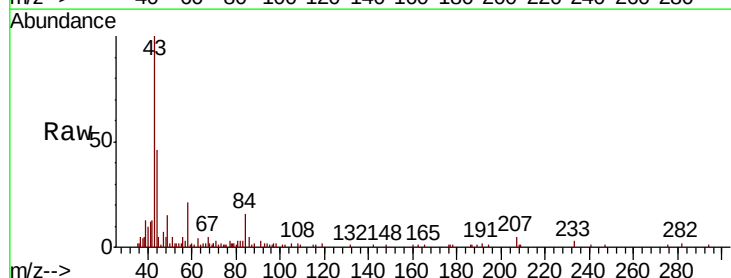
Acq: 25 Sep 2018 23:18

Tgt Ion: 43 Resp: 30505

Ion Ratio Lower Upper

43 100

58 20.8 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

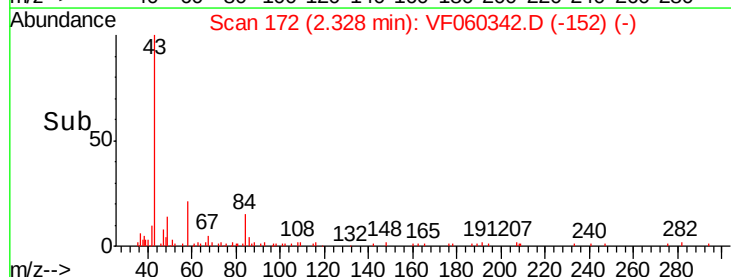
2.33

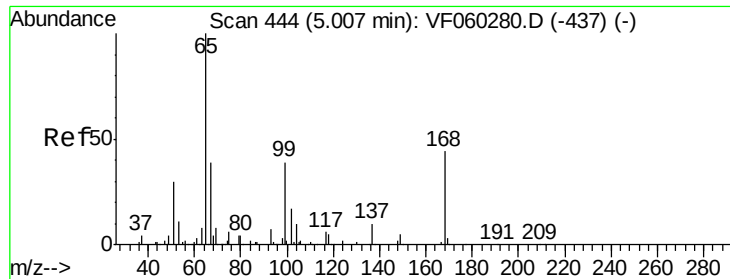
10000

5000

0

Time-->

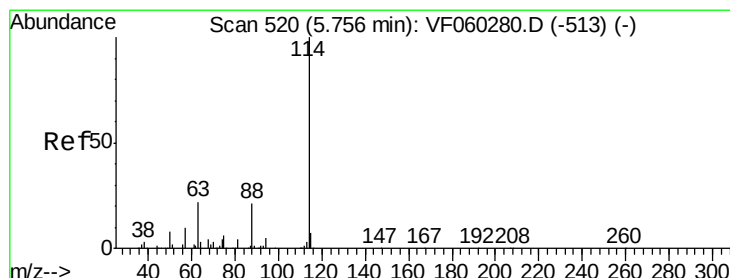
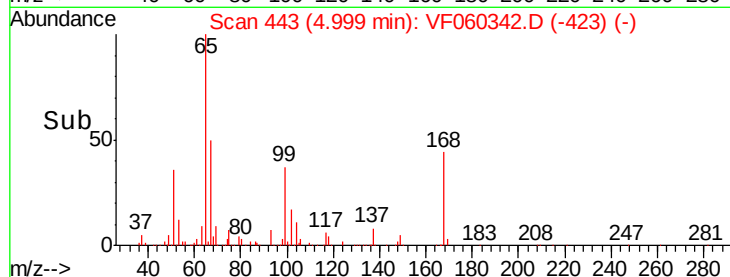
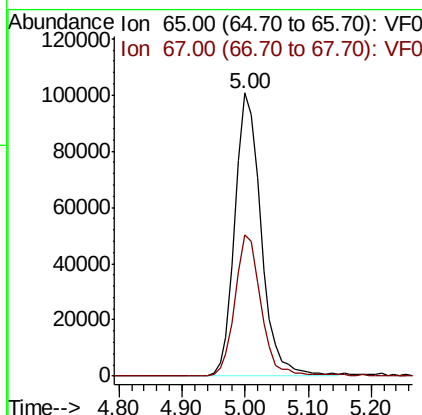
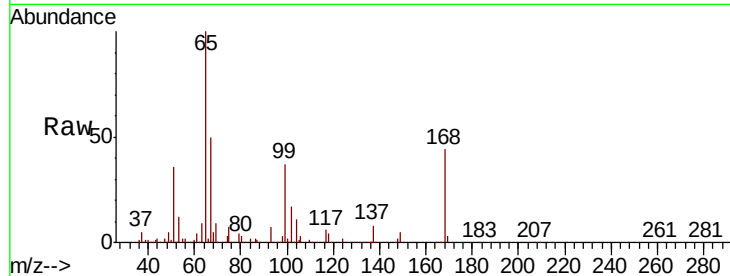




#33
 1,2-Dichloroethane-d4
 Concen: 55.484 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: VF060342.D
 Acq: 25 Sep 2018 23:18

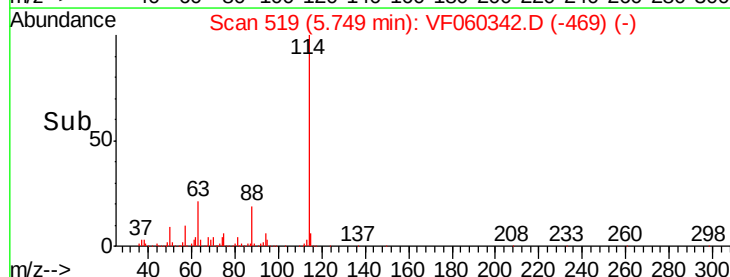
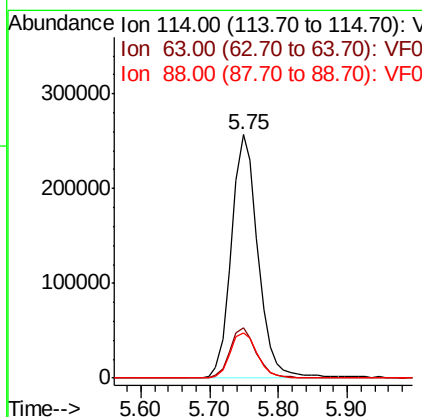
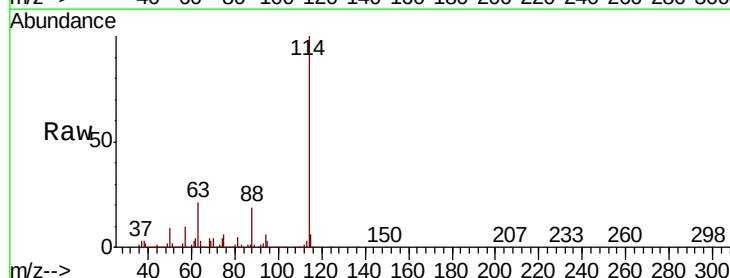
Instrument :
 MSVOA_F
 ClientSampled :
 TP-D

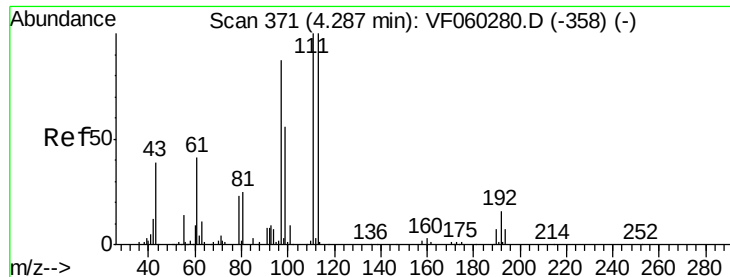
Tot Ion: 65 Resp: 289337
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060342.D
 Acq: 25 Sep 2018 23:18

Tgt Ion: 114 Resp: 688778
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.8
 88 18.6 0.0 41.2





#35

Dibromofluoromethane

Concen: 55.268 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060342.D

Acq: 25 Sep 2018 23:18

Instrument :

MSVOA_F

ClientSampleId :

TP-D

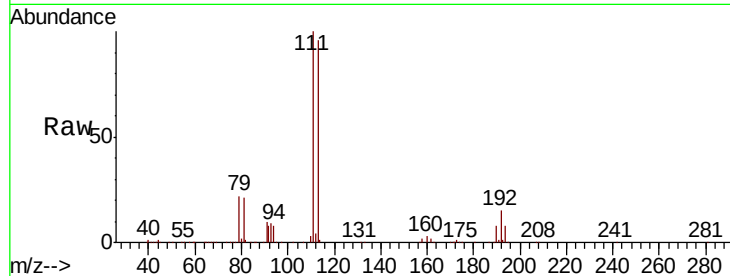
Tot Ion:113 Resp: 339341

Ion Ratio Lower Upper

113 100

111 103.9 79.6 119.4

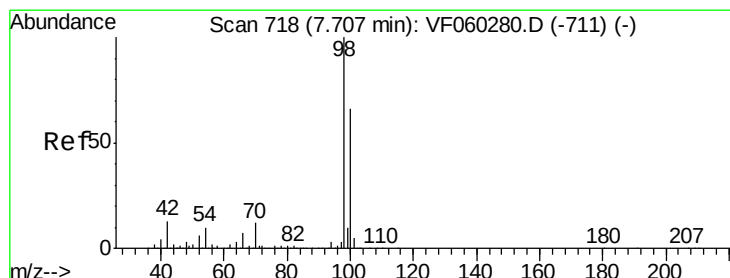
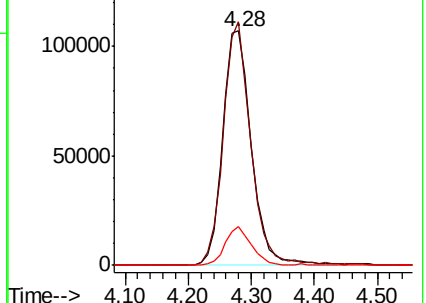
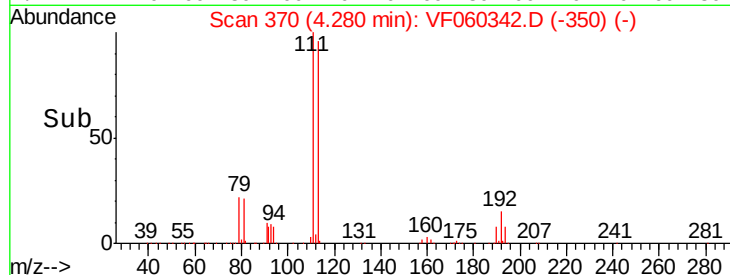
192 16.7 13.0 19.6



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: 44.238 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060342.D

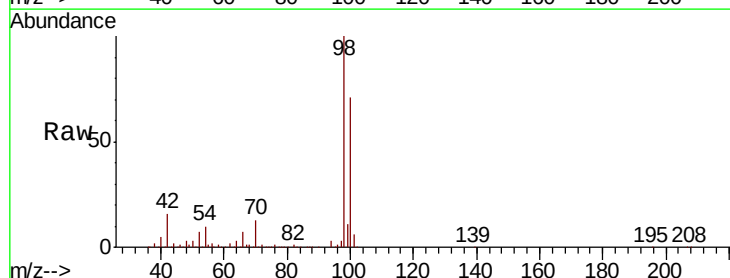
Acq: 25 Sep 2018 23:18

Tgt Ion: 98 Resp: 707363

Ion Ratio Lower Upper

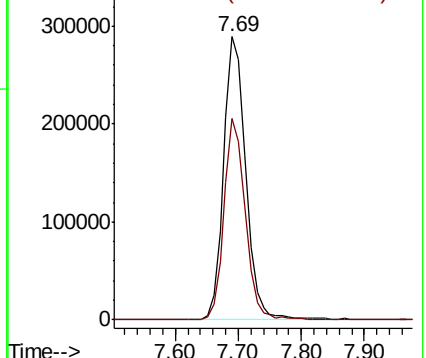
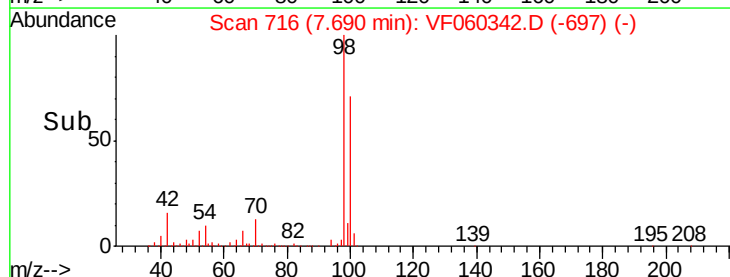
98 100

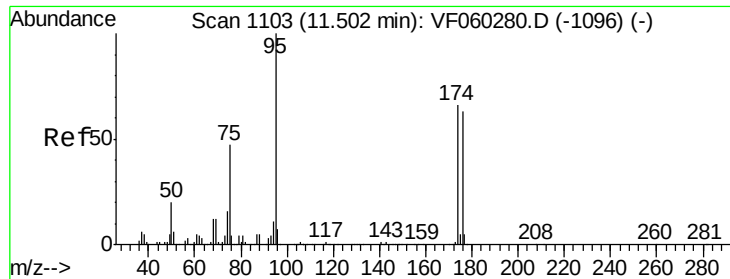
100 71.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 44.118 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060342.D

Acq: 25 Sep 2018 23:18

Instrument :
MSVOA_F
ClientSampled :
TP-D

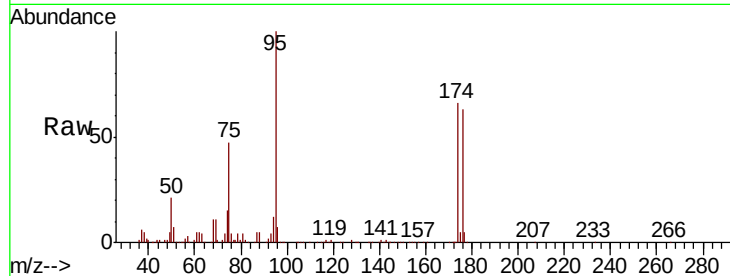
Tot Ion: 95 Resp: 304938

Ion Ratio Lower Upper

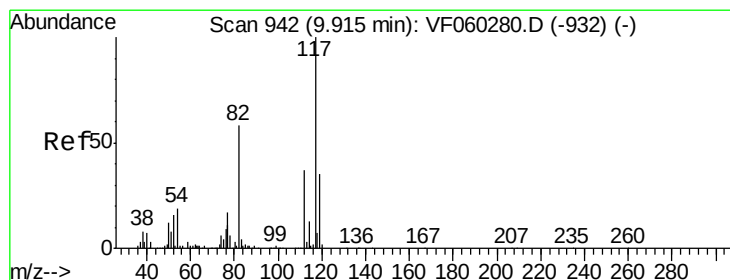
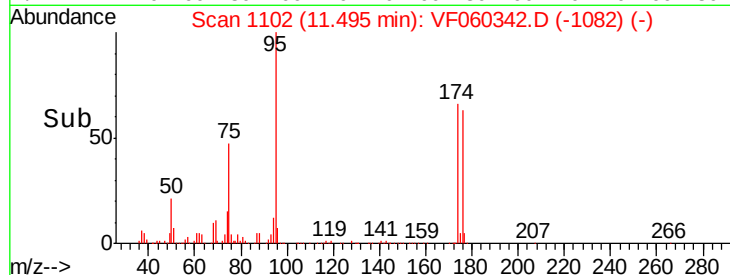
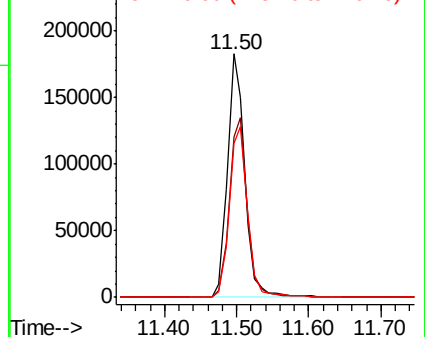
95 100

174 65.9 0.0 131.2

176 63.2 0.0 126.6



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: 9.90 min Scan# 940

Delta R.T. -0.02 min

Lab File: VF060342.D

Acq: 25 Sep 2018 23:18

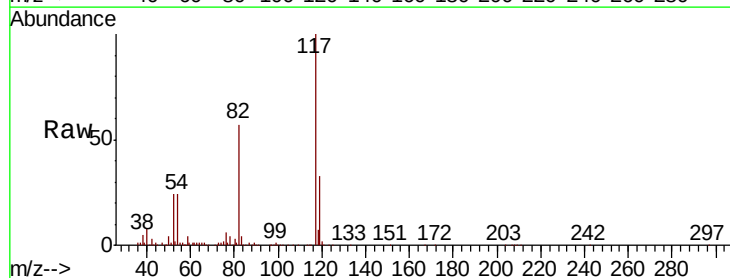
Tgt Ion: 117 Resp: 543072

Ion Ratio Lower Upper

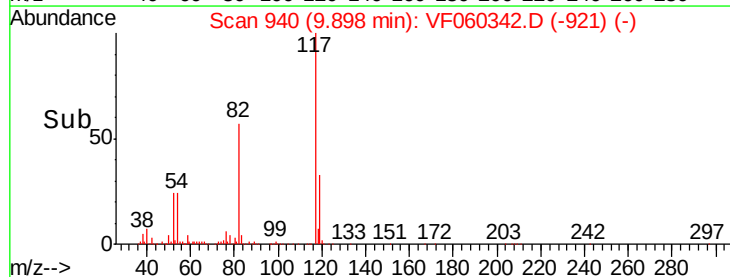
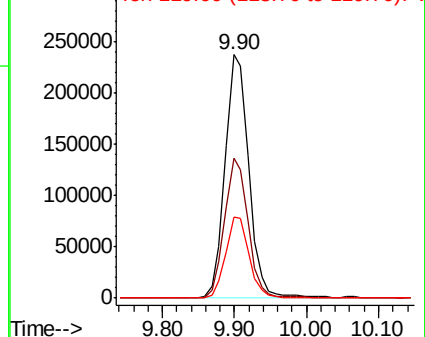
117 100

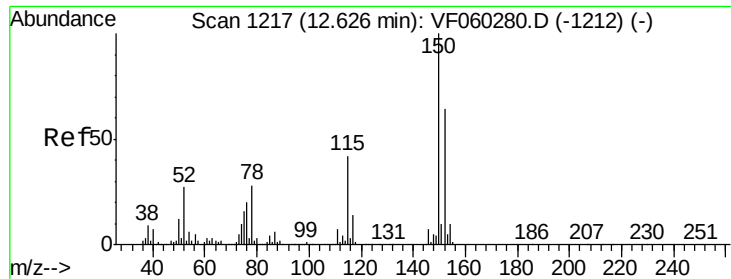
82 57.5 46.2 69.2

119 33.1 27.8 41.6



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: 12.62 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VF060342.D

Acq: 25 Sep 2018 23:18

Instrument :

MSVOA_F

ClientSampleId :

TP-D

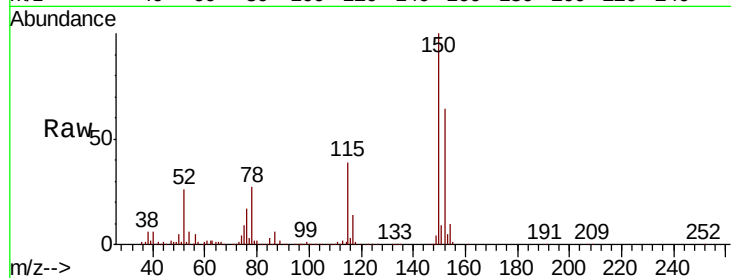
Tot Ion:152 Resp: 270257

Ion Ratio Lower Upper

152 100

115 60.8 32.6 97.8

150 155.1 0.0 314.2



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

