

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061592.D
 Acq On : 11 Feb 2019 18:07
 Operator : VA/AP
 Sample : K1459-07
 Misc : 6.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-10-D

Quant Time: Feb 12 04:50:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

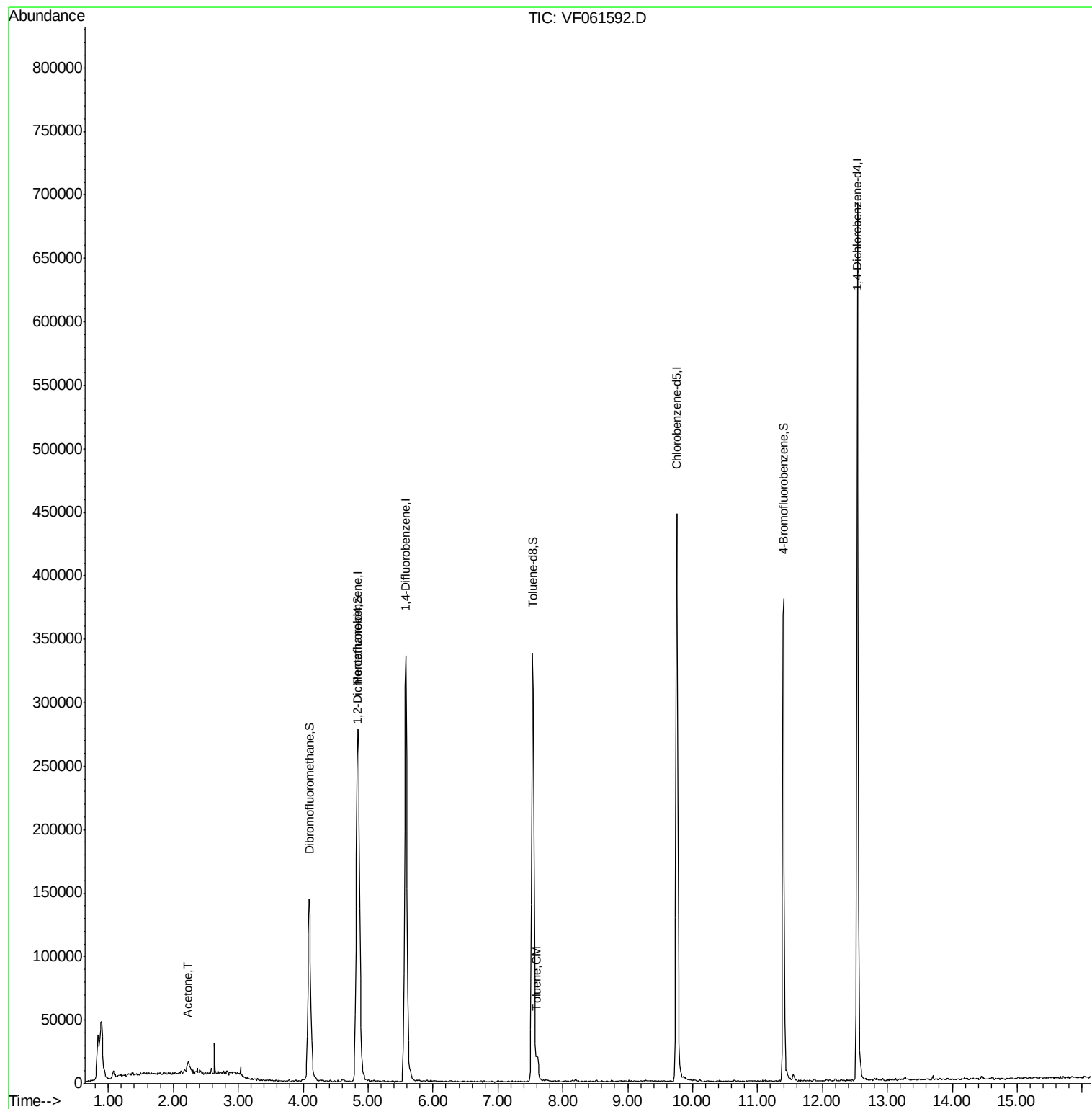
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	199272	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	367763	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	321485	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	165794	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	119566	48.60	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	4.09	113	135533	46.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	7.54	98	295476	37.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	74.32%	
62) 4-Bromofluorobenzene	11.39	95	154416	41.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.14%	
Target Compounds						
16) Acetone	2.23	43	15056	30.505	ug/l	93
52) Toluene	7.60	92	9832	1.574	ug/l	93

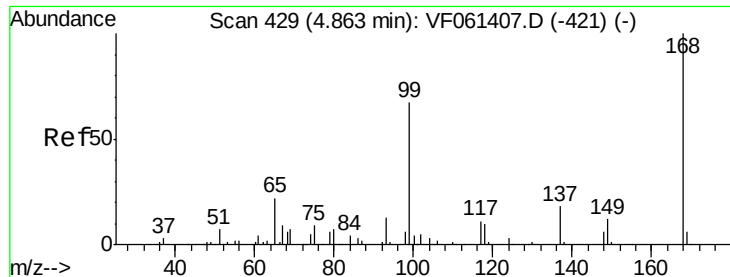
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061592.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_F

ClientSampleId :

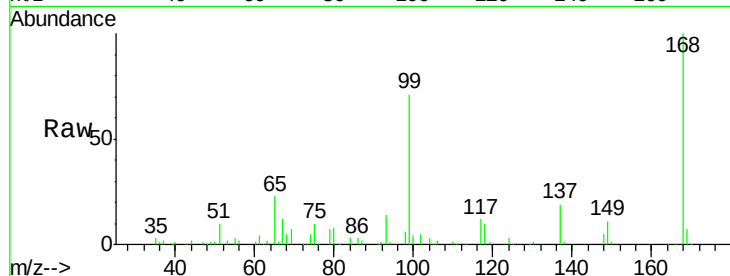
M-10-D

Tot Ion:168 Resp: 199272

Ion Ratio Lower Upper

168 100

99 71.4 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

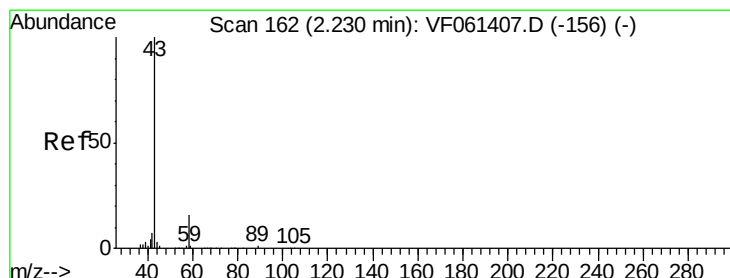
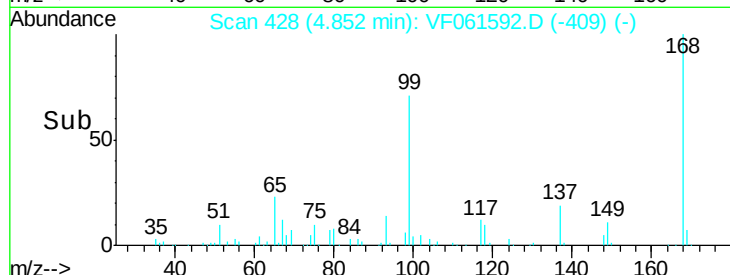
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 30.505 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061592.D

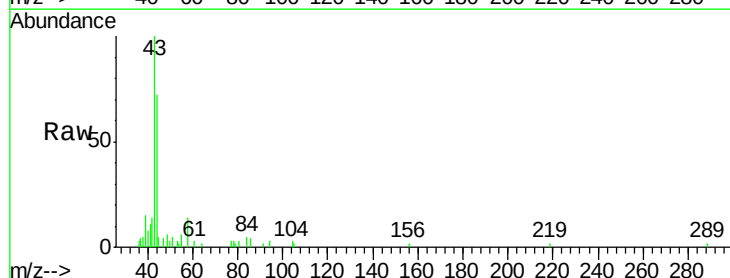
Acq: 11 Feb 2019 18:07

Tgt Ion: 43 Resp: 15056

Ion Ratio Lower Upper

43 100

58 13.6 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

6000

5000

4000

3000

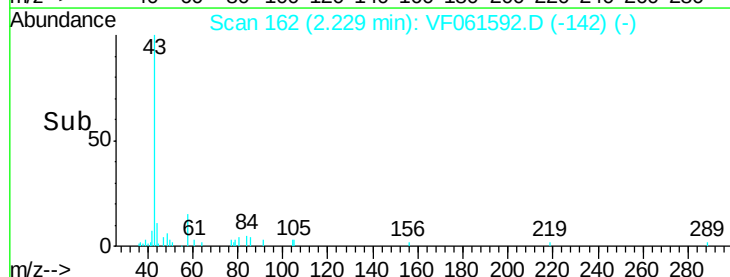
2000

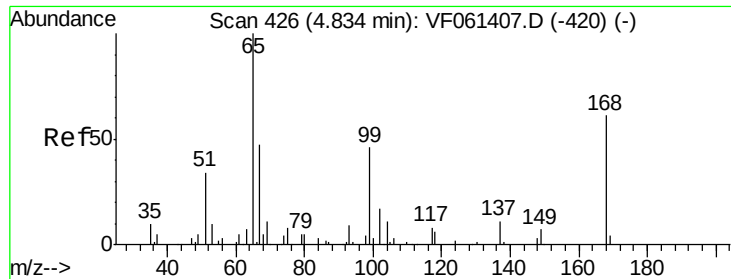
1000

0

Time-->

2.10 2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 48.599 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.01 min

Lab File: VF061592.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_F

ClientSampleId :

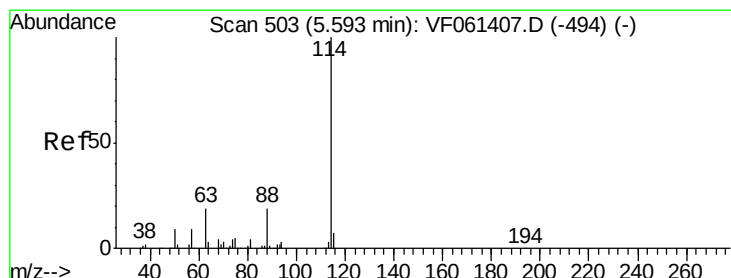
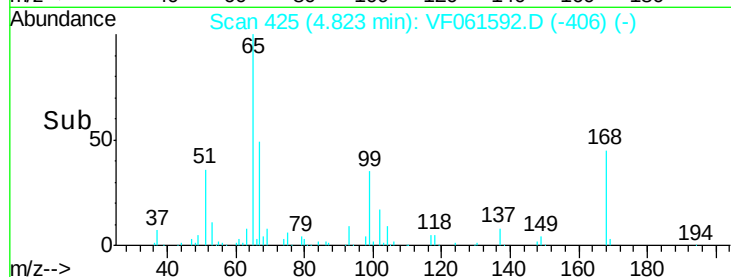
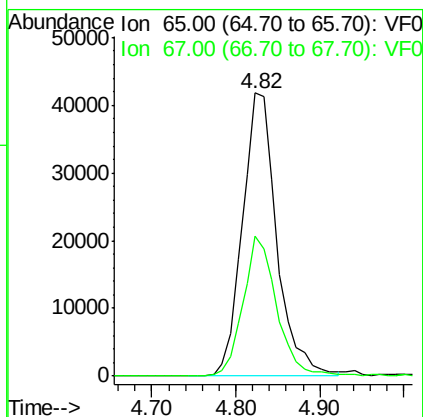
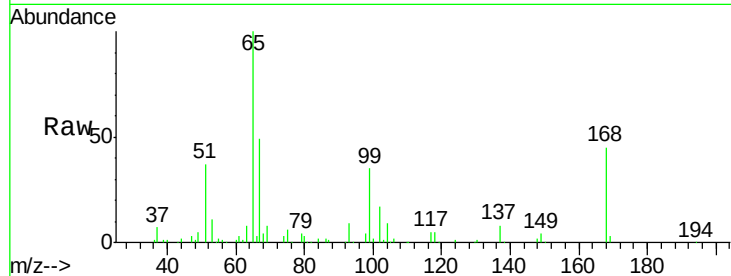
M-10-D

Tot Ion: 65 Resp: 119566

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061592.D

Acq: 11 Feb 2019 18:07

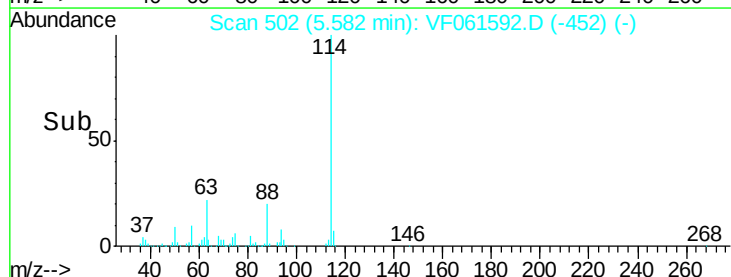
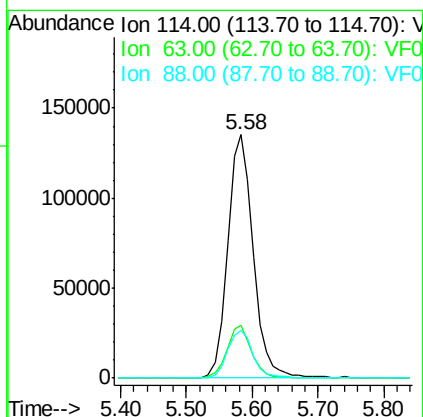
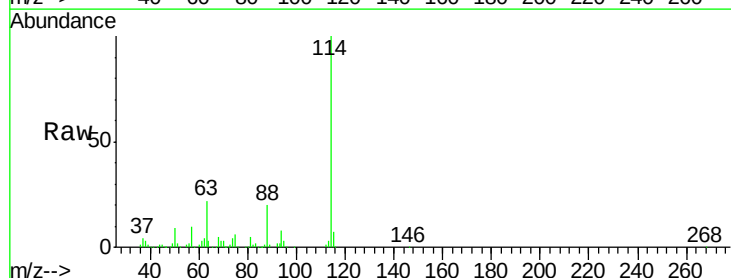
Tgt Ion: 114 Resp: 367763

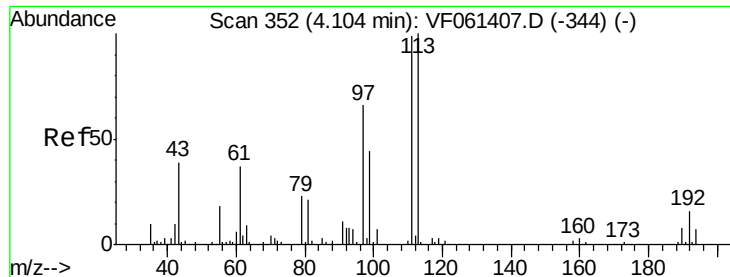
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

88 19.7 0.0 37.4

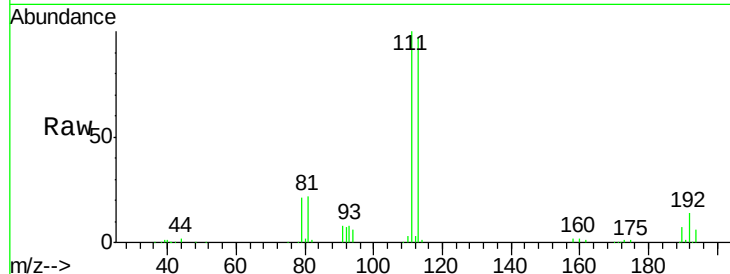




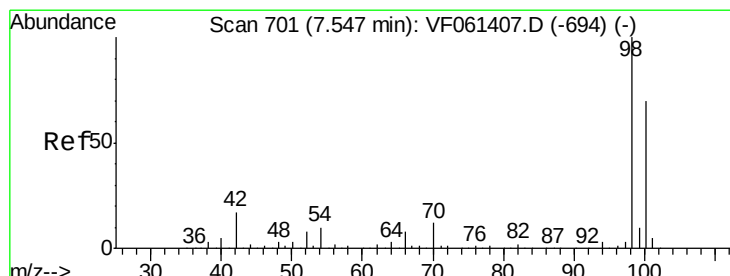
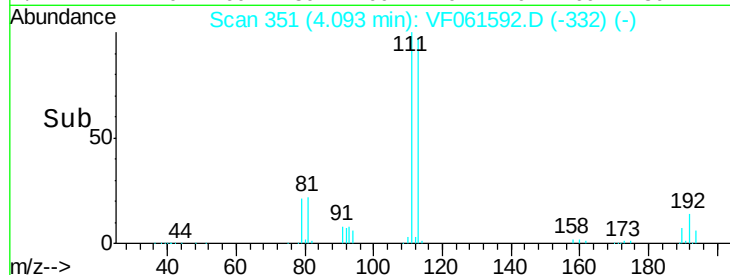
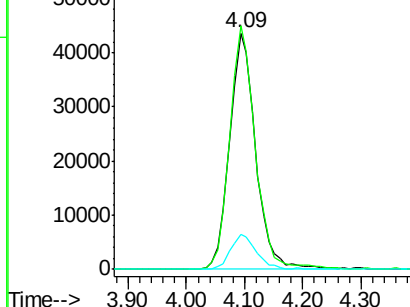
#35
 Dibromofluoromethane
 Concen: 46.704 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VF061592.D
 Acq: 11 Feb 2019 18:07

Instrument :
 MSVOA_F
 ClientSampleId :
 M-10-D

Tot Ion:113 Resp: 135533
 Ion Ratio Lower Upper
 113 100
 111 102.9 79.4 119.0
 192 14.6 12.4 18.6

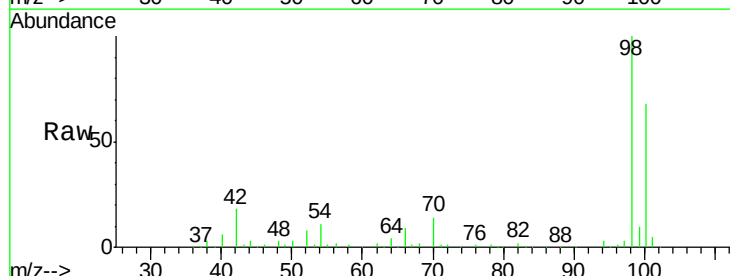


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

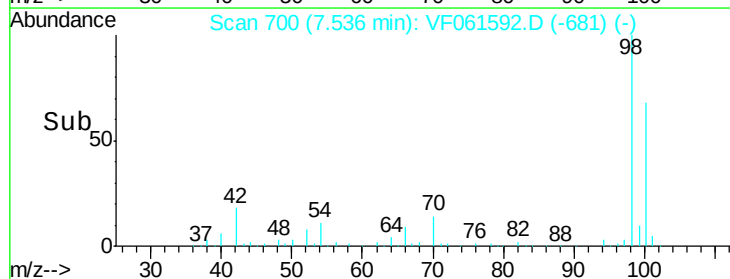
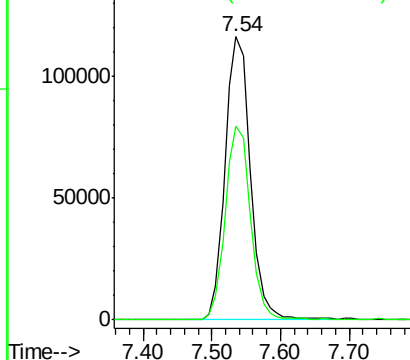


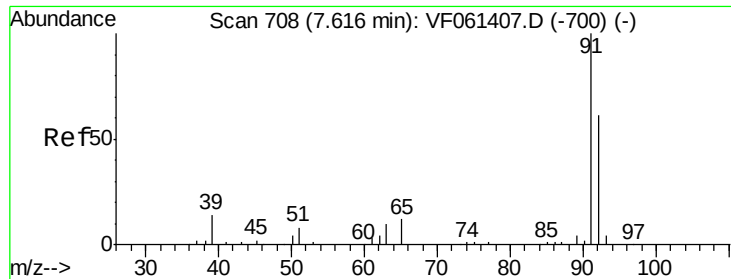
#50
 Toluene-d8
 Concen: 37.163 ug/l
 RT: 7.54 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: VF061592.D
 Acq: 11 Feb 2019 18:07

Tgt Ion: 98 Resp: 295476
 Ion Ratio Lower Upper
 98 100
 100 68.4 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: 1.574 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.01 min

Lab File: VF061592.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_F

ClientSampleId :

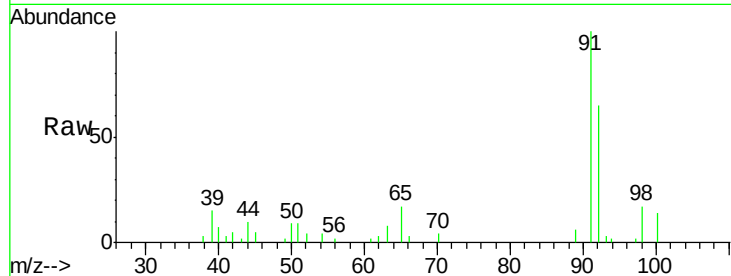
M-10-D

Tot Ion: 92 Resp: 9832

Ion Ratio Lower Upper

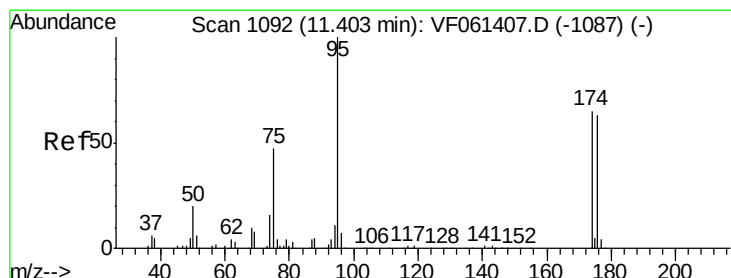
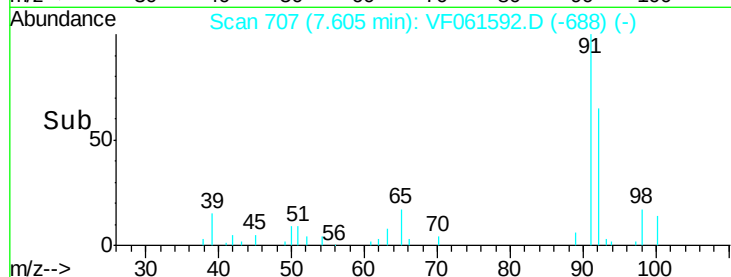
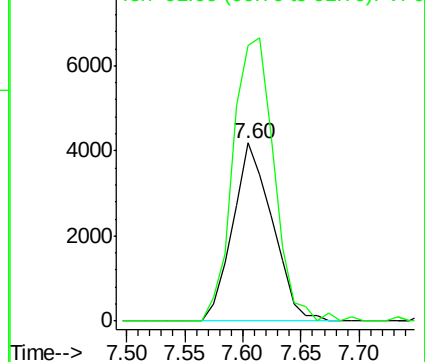
92 100

91 154.9 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 41.567 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VF061592.D

Acq: 11 Feb 2019 18:07

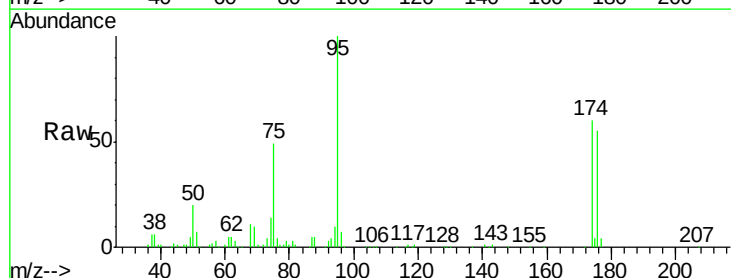
Tgt Ion: 95 Resp: 154416

Ion Ratio Lower Upper

95 100

174 59.6 0.0 130.4

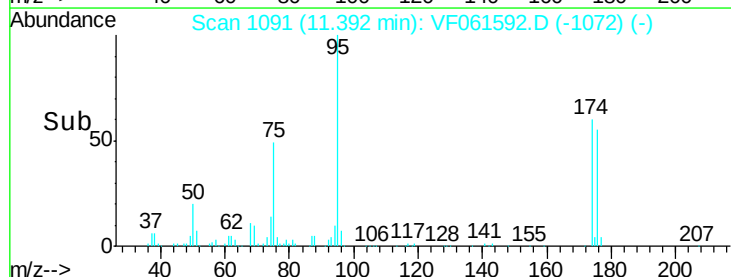
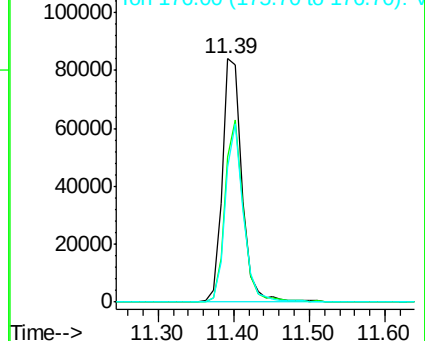
176 55.2 0.0 126.2

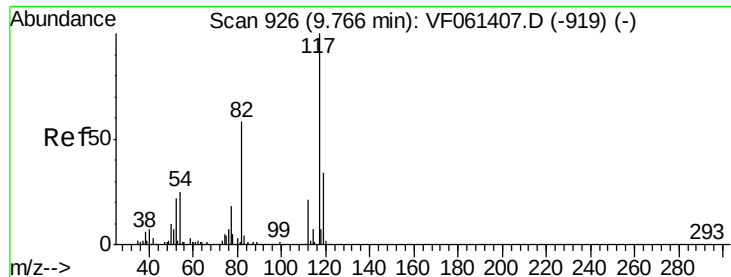


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

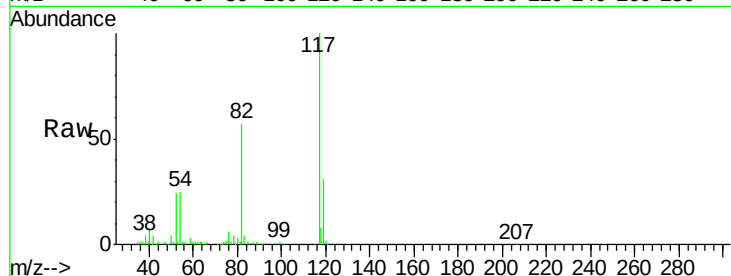




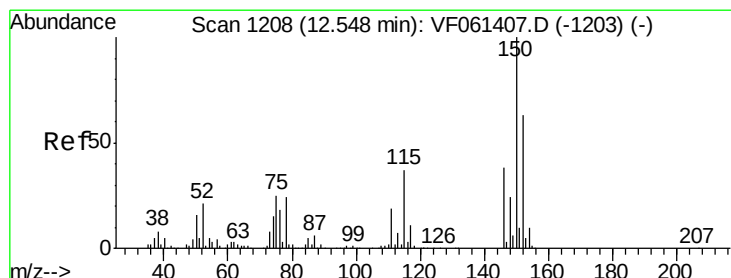
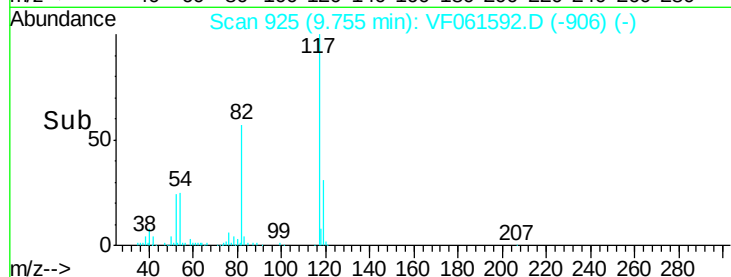
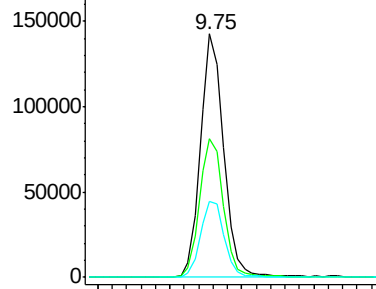
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061592.D
Acq: 11 Feb 2019 18:07

Instrument :
MSVOA_F
ClientSampleId :
M-10-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.4	69.6
119	31.3	27.2	40.8

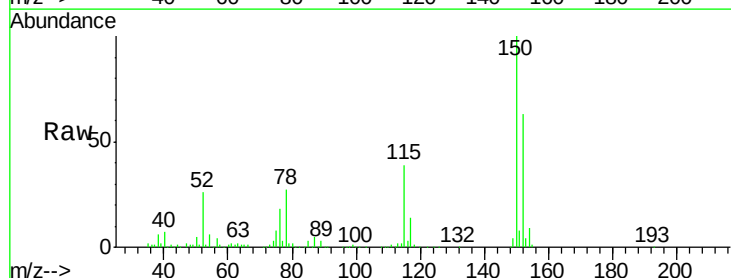


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061592.D
Acq: 11 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.0	90.0
150	157.6	0.0	321.4



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

