

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061681.D
 Acq On : 18 Feb 2019 16:29
 Operator : VA/AP
 Sample : K1518-15
 Misc : 6.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 19 02:49:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

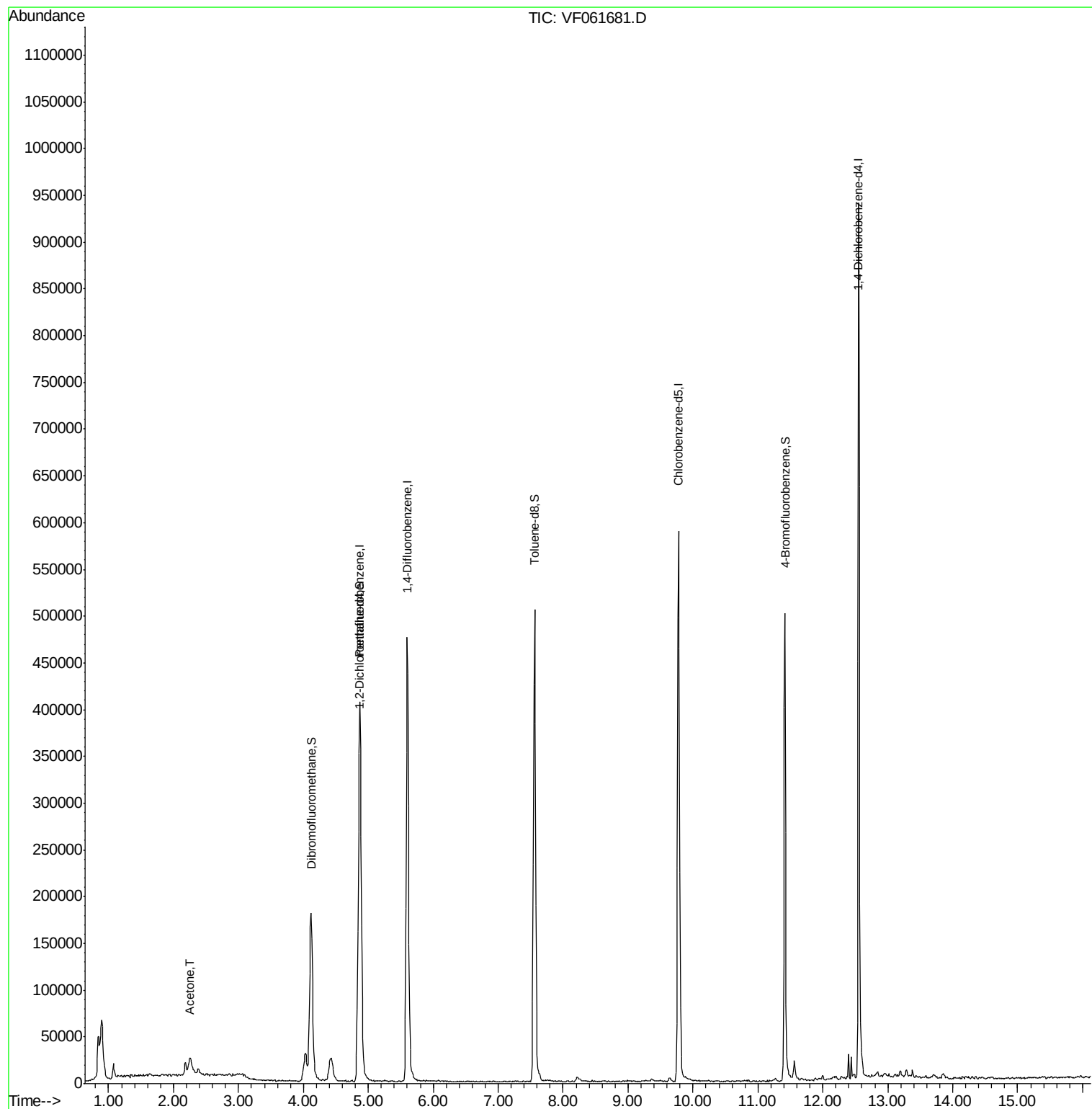
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	382282	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	587375	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	479991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	262390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	117774	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
35) Dibromofluoromethane	4.12	113	178223	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
50) Toluene-d8	7.56	98	442534	35.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.58%	
62) 4-Bromofluorobenzene	11.42	95	192113	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.74%	
Target Compounds						
16) Acetone	2.24	43	11781	19.587	ug/l #	Qvalue 84

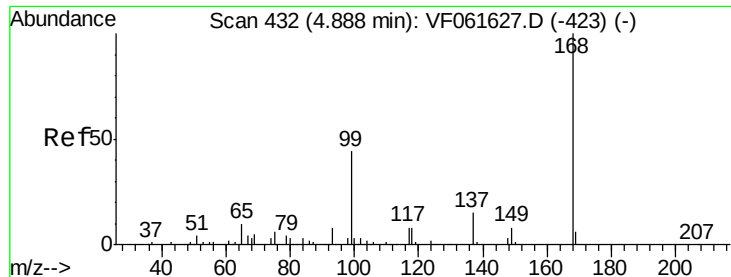
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061681.D

Acq: 18 Feb 2019 16:29

Instrument :

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ClientSampleId :

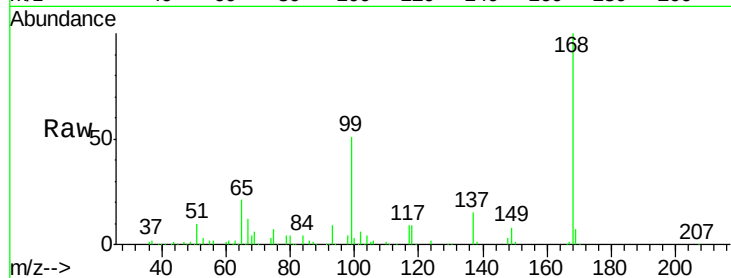
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion:168 Resp: 382282

Ion Ratio Lower Upper

168 100

99 50.7 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

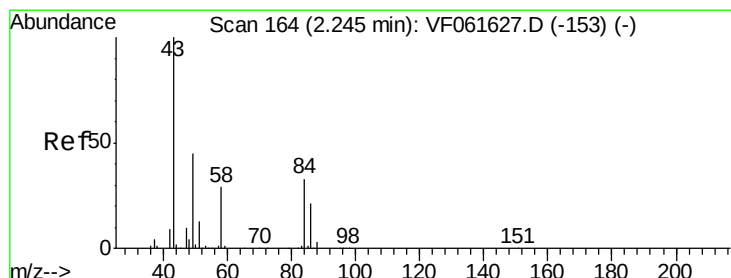
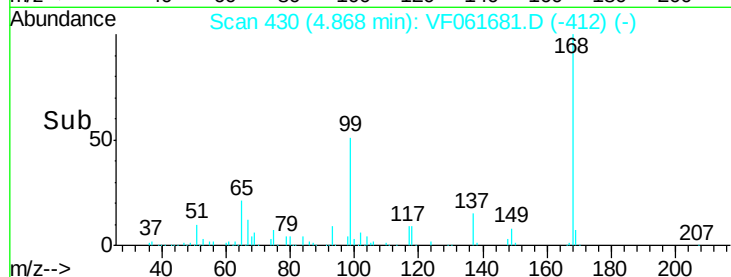
4.87

100000

50000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 19.587 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061681.D

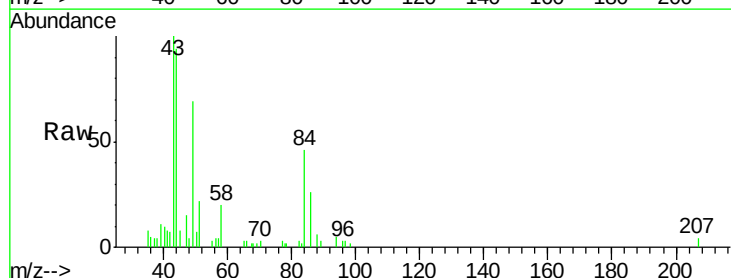
Acq: 18 Feb 2019 16:29

Tgt Ion: 43 Resp: 11781

Ion Ratio Lower Upper

43 100

58 20.1 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

5000

4000

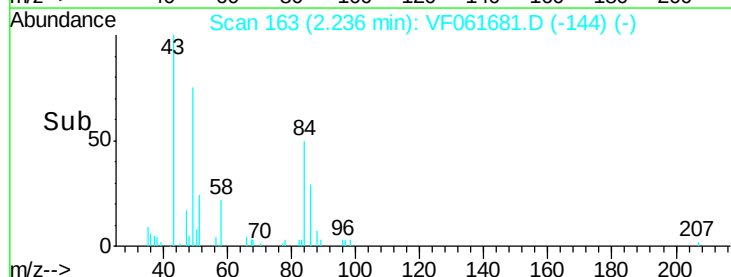
3000

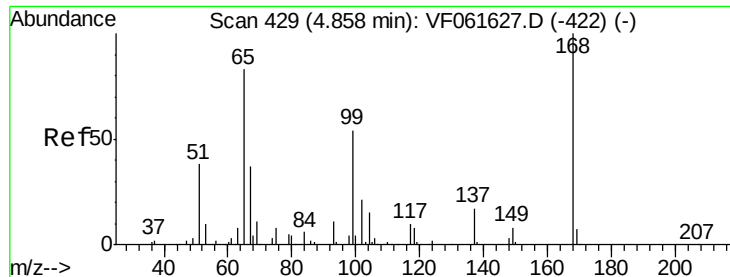
2000

1000

0

Time--> 2.20 2.30

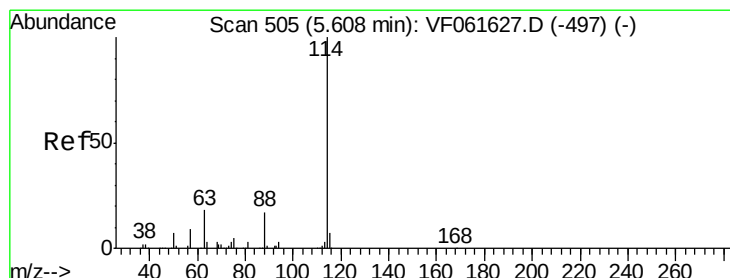
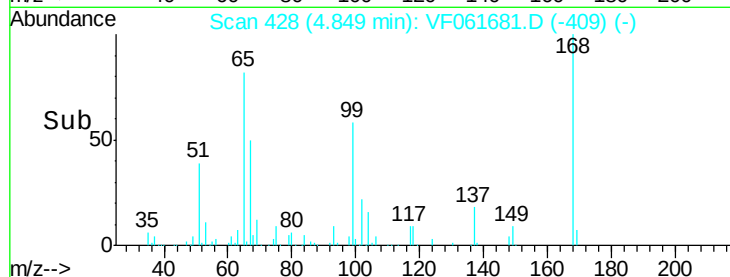
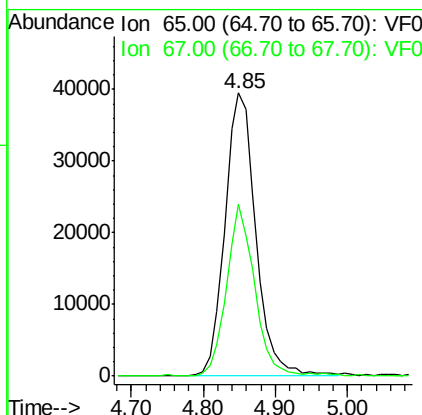
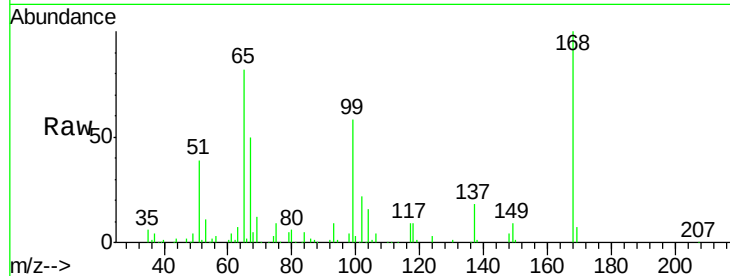




#33
 1,2-Dichloroethane-d4
 Concen: 42.012 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VF061681.D
 Acq: 18 Feb 2019 16:29

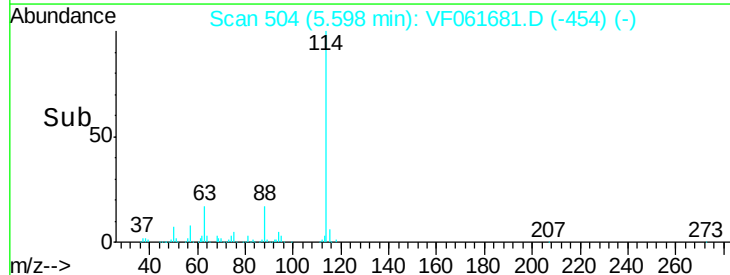
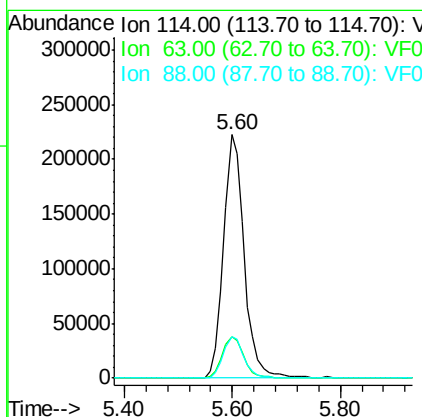
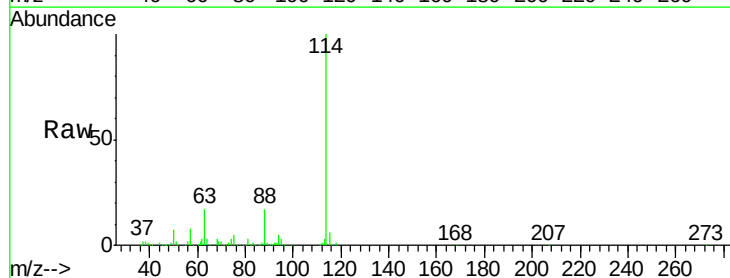
Instrument :
 MSVOA_F
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 CABLE-BRIDGE-FOUNDATION-D-8

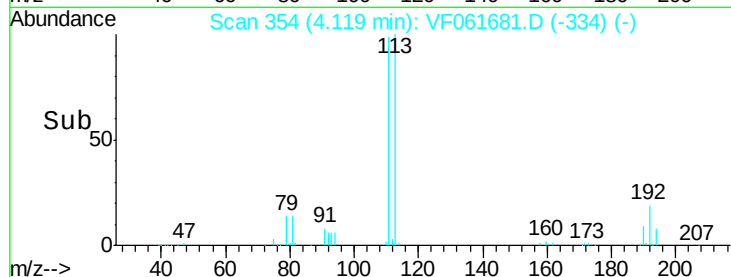
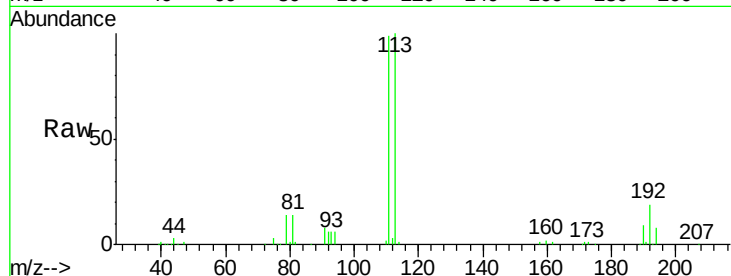
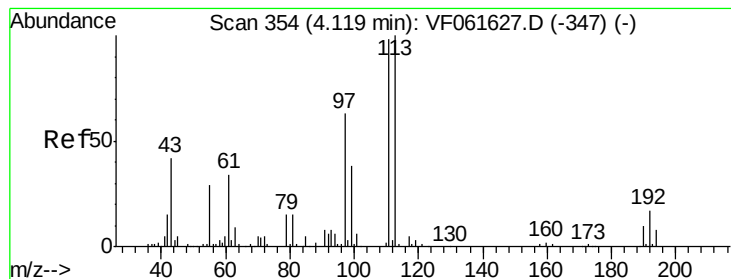
Tot Ion: 65 Resp: 117774
 Ion Ratio Lower Upper
 65 100
 67 60.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061681.D
 Acq: 18 Feb 2019 16:29

Tgt Ion: 114 Resp: 587375
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 36.6
 88 16.8 0.0 34.4





#35

Dibromofluoromethane

Concen: 40.859 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF061681.D

Acq: 18 Feb 2019 16:29

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

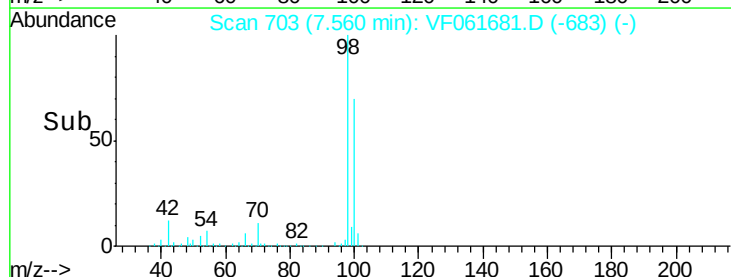
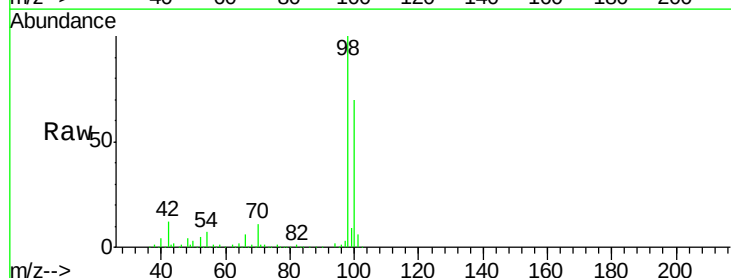
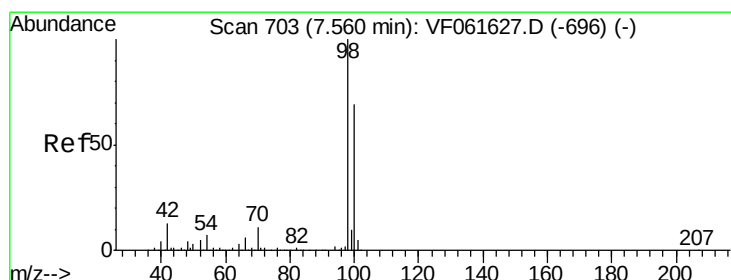
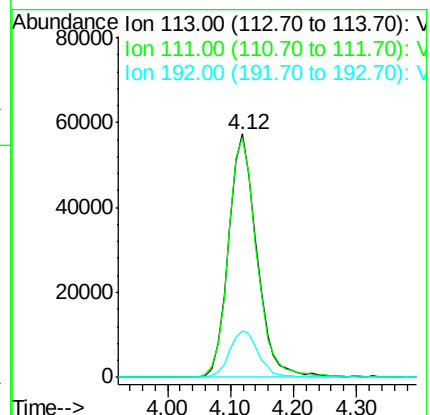
Tot Ion:113 Resp: 178223

Ion Ratio Lower Upper

113 100

111 98.6 78.8 118.2

192 19.5 13.4 20.0



#50

Toluene-d8

Concen: 35.292 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061681.D

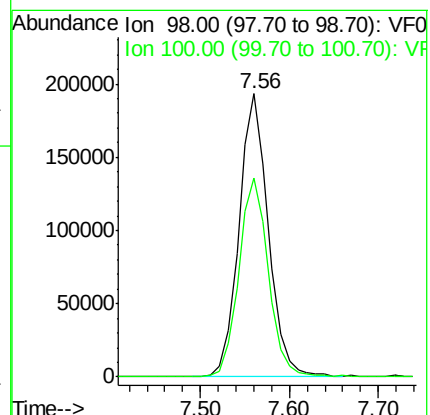
Acq: 18 Feb 2019 16:29

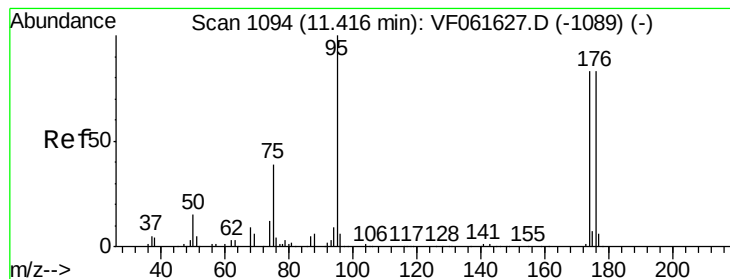
Tgt Ion: 98 Resp: 442534

Ion Ratio Lower Upper

98 100

100 70.4 55.4 83.2





#62

4-Bromofluorobenzene

Concen: 37.865 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061681.D

Acq: 18 Feb 2019 16:29

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

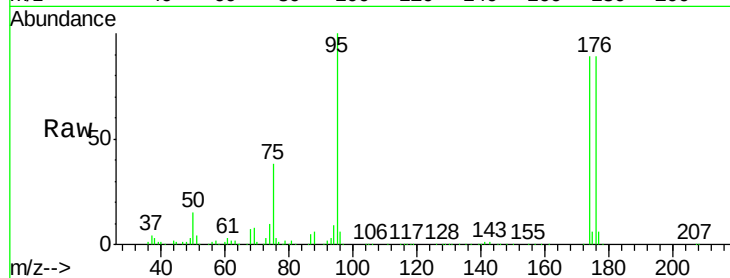
Tot Ion: 95 Resp: 192113

Ion Ratio Lower Upper

95 100

174 89.2 0.0 165.8

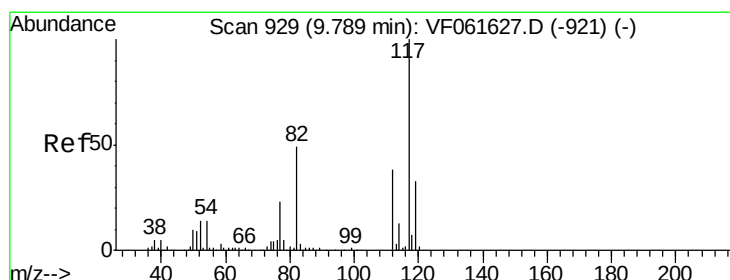
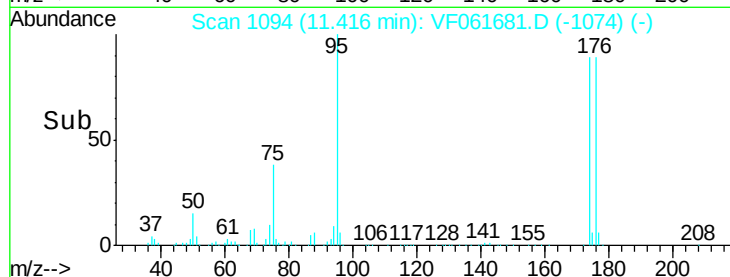
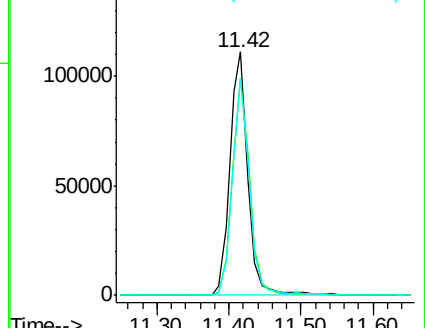
176 89.0 0.0 167.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 928

Delta R.T. -0.01 min

Lab File: VF061681.D

Acq: 18 Feb 2019 16:29

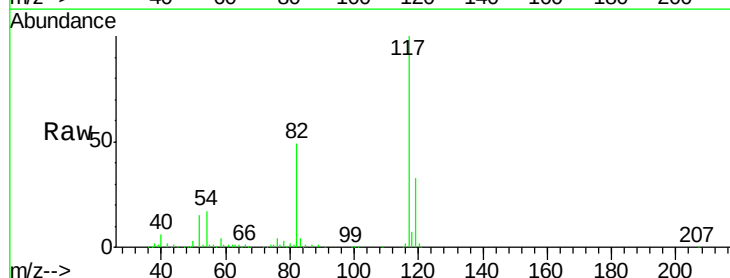
Tgt Ion: 117 Resp: 479991

Ion Ratio Lower Upper

117 100

82 48.9 39.3 58.9

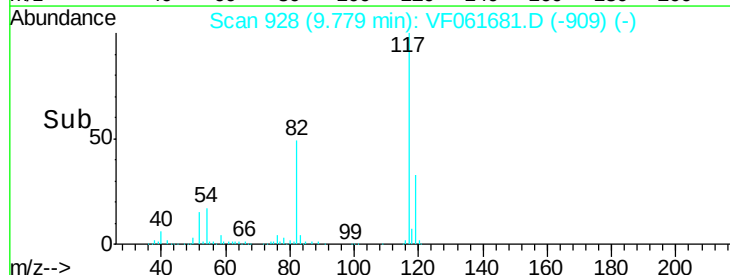
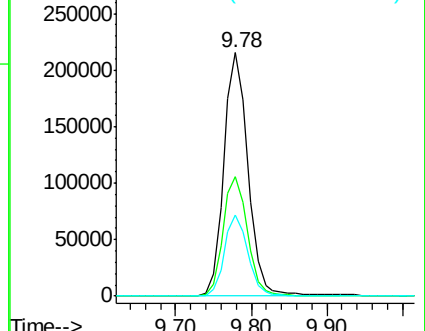
119 33.4 26.6 40.0

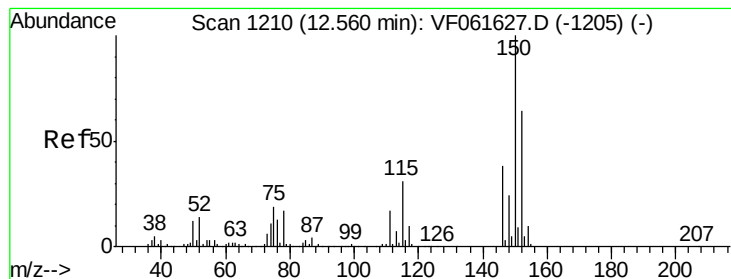


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF061681.D

Acq: 18 Feb 2019 16:29

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

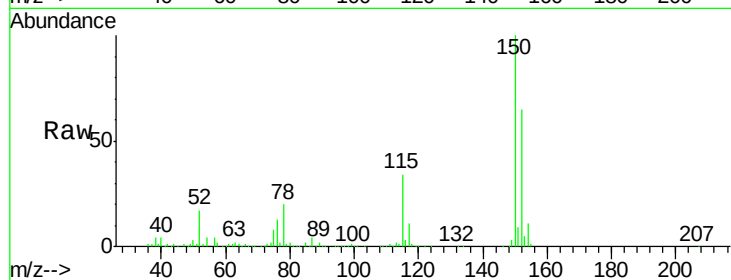
Tot Ion:152 Resp: 262390

Ion Ratio Lower Upper

152 100

115 52.8 24.3 72.8

150 153.6 0.0 312.0



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

