

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061679.D
 Acq On : 18 Feb 2019 15:32
 Operator : VA/AP
 Sample : K1518-11
 Misc : 6.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-6

Quant Time: Feb 19 02:48:22 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	85100	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	99250	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	61565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	17194	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	12898	20.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	41.34%	
35) Dibromofluoromethane	4.11	113	25640	34.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.58%	
50) Toluene-d8	7.56	98	81457	38.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.90%	
62) 4-Bromofluorobenzene	11.42	95	18414	21.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.96%	

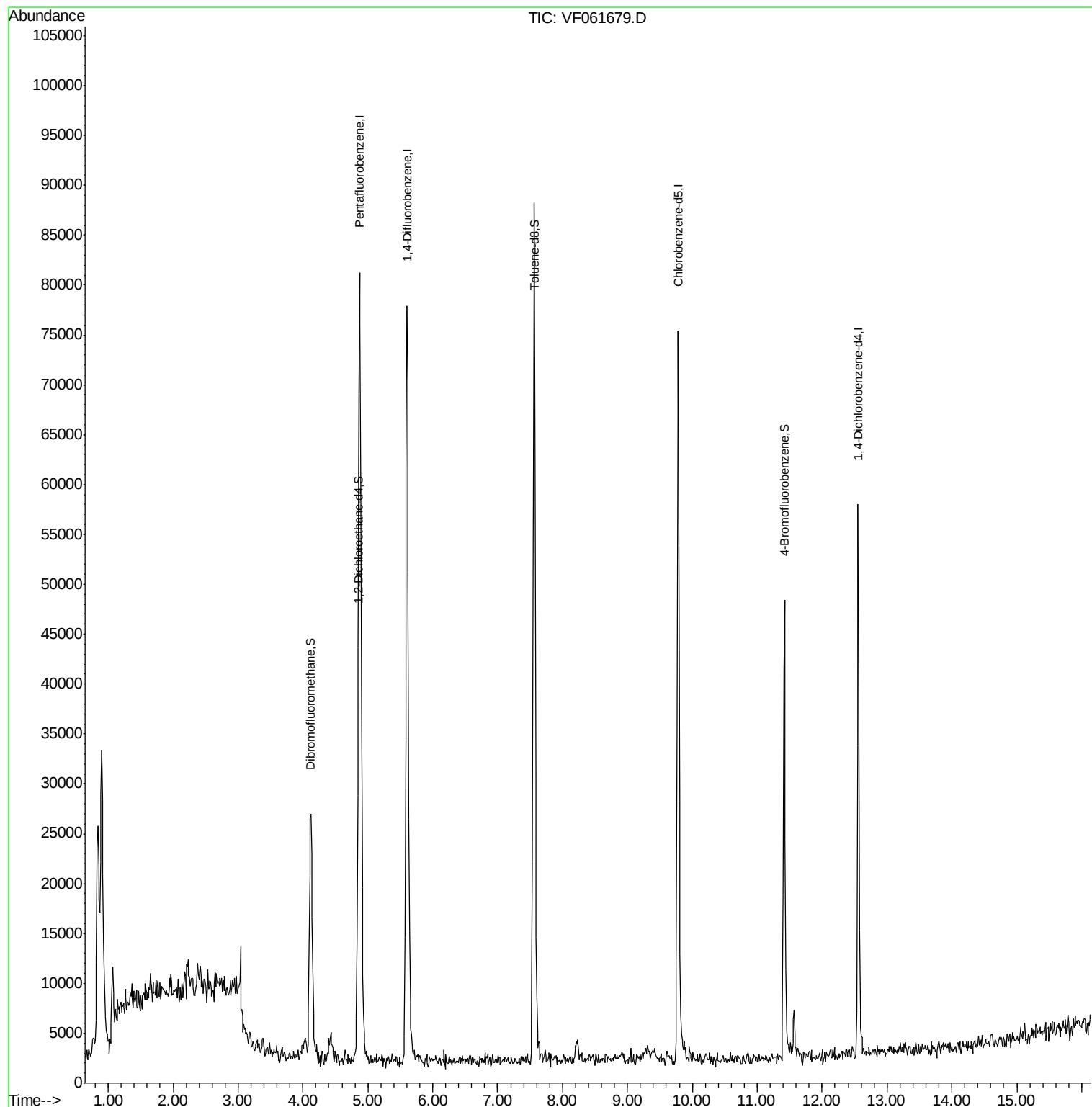
Target Compounds	Qvalue

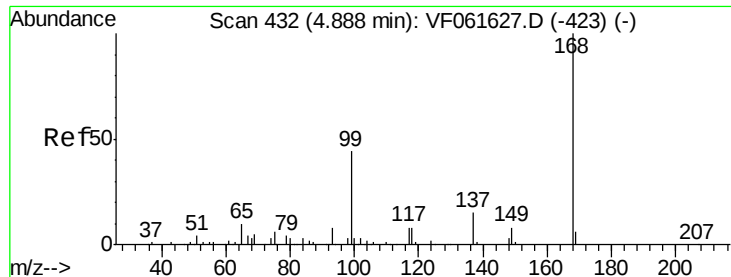
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

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Acq: 18 Feb 2019 15:32

Instrument :

MSVOA_F

ClientSampleId :

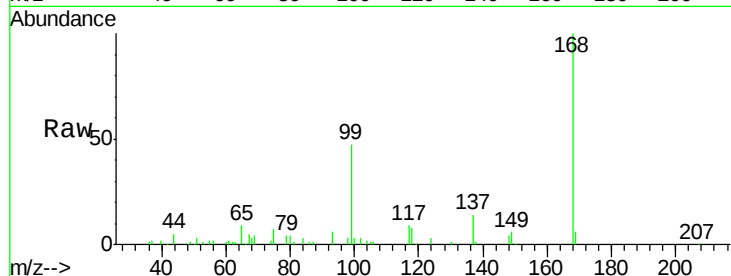
CABLE-BRIDGE-FOUNDATION-D-6

Tot Ion:168 Resp: 85100

Ion Ratio Lower Upper

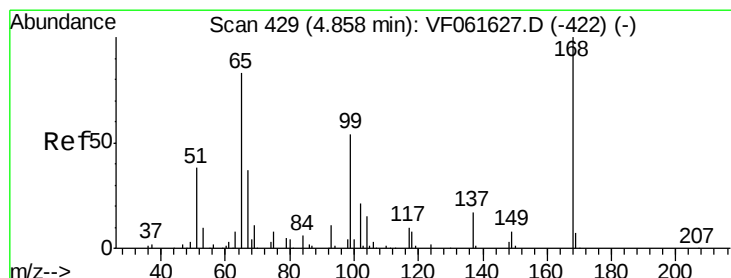
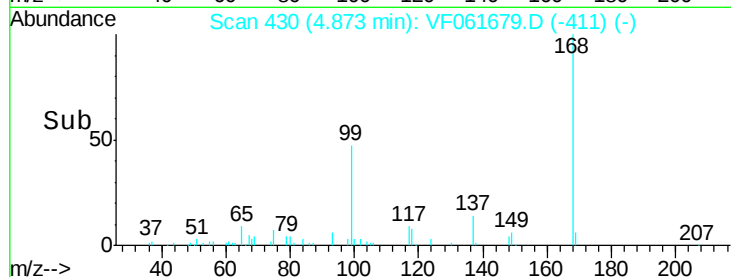
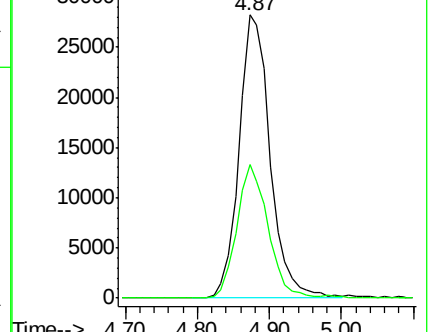
168 100

99 47.1 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.668 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.02 min

Lab File: VF061679.D

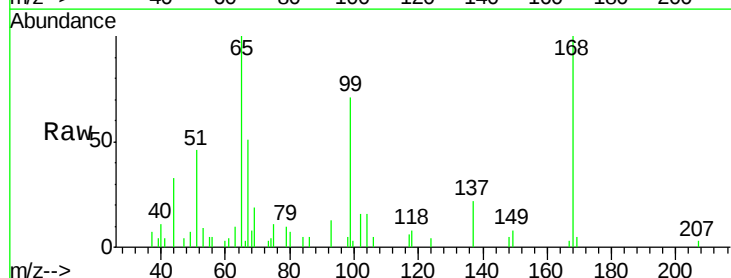
Acq: 18 Feb 2019 15:32

Tgt Ion: 65 Resp: 12898

Ion Ratio Lower Upper

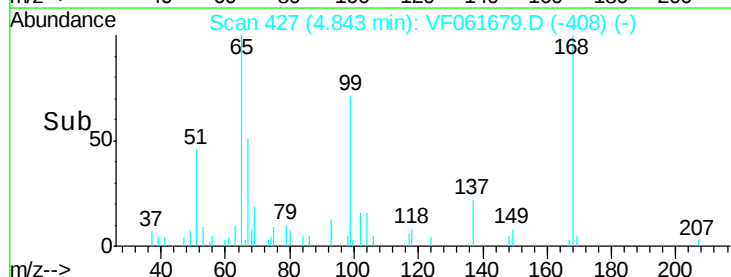
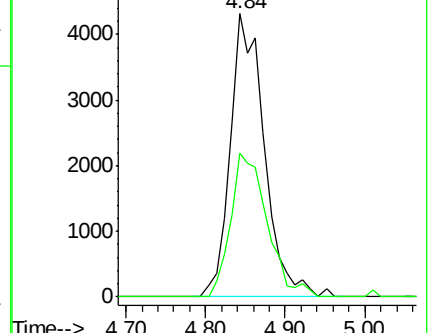
65 100

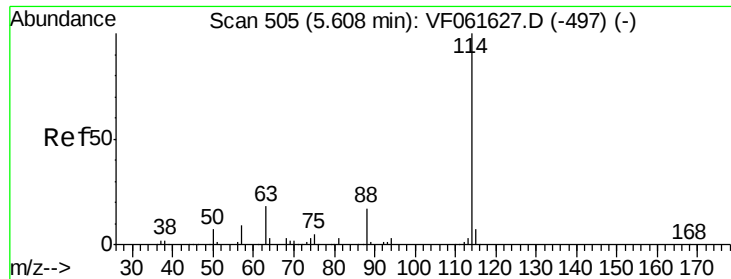
67 50.8 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061679.D

Acq: 18 Feb 2019 15:32

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-6

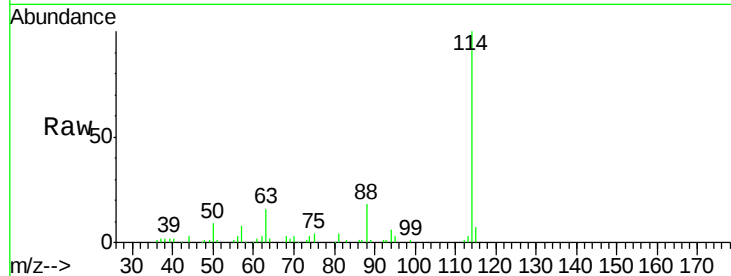
Tot Ion:114 Resp: 99250

Ion Ratio Lower Upper

114 100

63 16.2 0.0 36.6

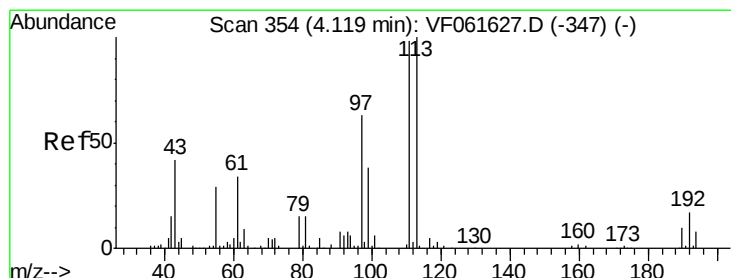
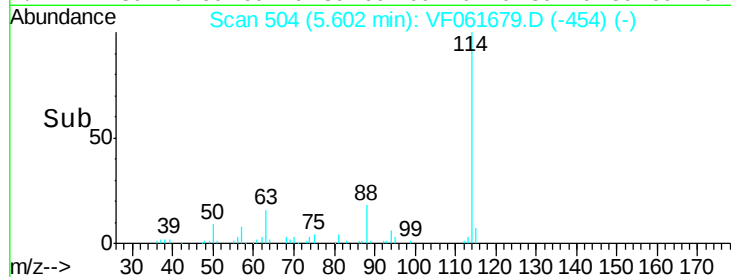
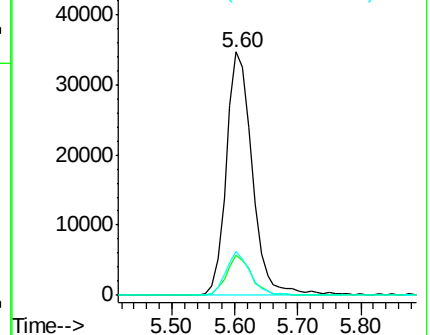
88 17.9 0.0 34.4



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: 34.788 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061679.D

Acq: 18 Feb 2019 15:32

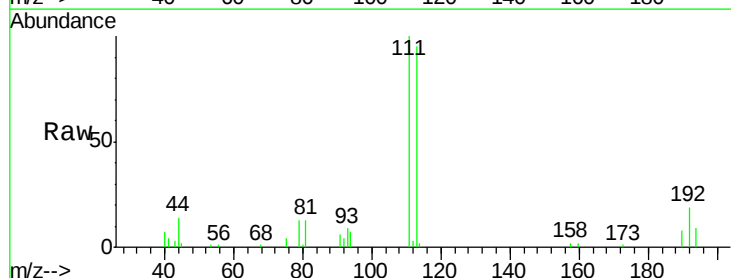
Tgt Ion:113 Resp: 25640

Ion Ratio Lower Upper

113 100

111 105.4 78.8 118.2

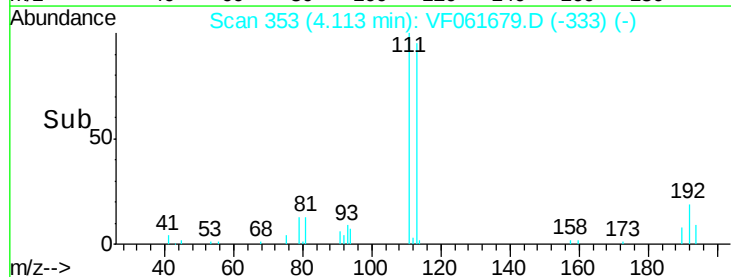
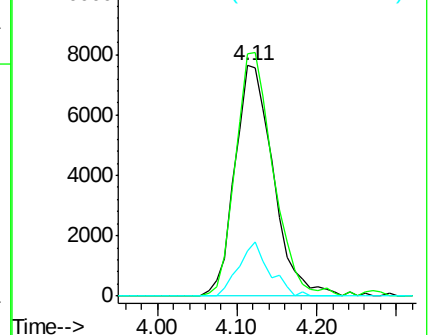
192 19.7 13.4 20.0

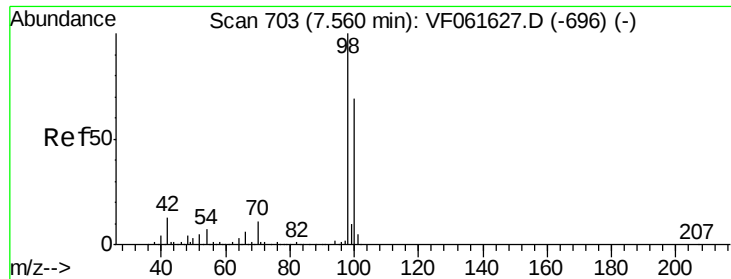


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.445 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061679.D

Acq: 18 Feb 2019 15:32

Instrument :

MSVOA_F

ClientSampleId :

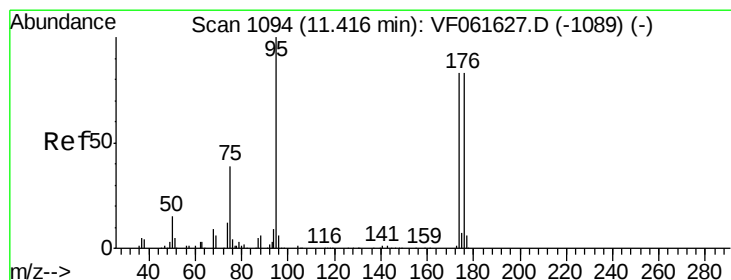
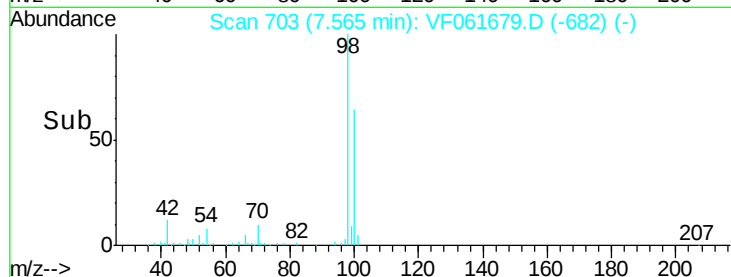
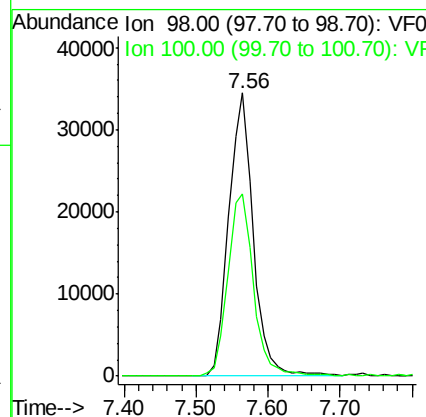
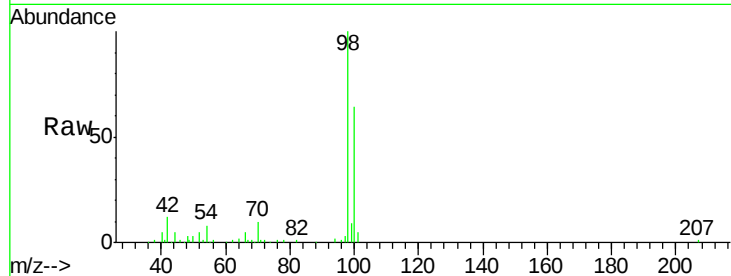
CABLE-BRIDGE-FOUNDATION-D-6

Tot Ion: 98 Resp: 81457

Ion Ratio Lower Upper

98 100

100 64.5 55.4 83.2



#62

4-Bromofluorobenzene

Concen: 21.479 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061679.D

Acq: 18 Feb 2019 15:32

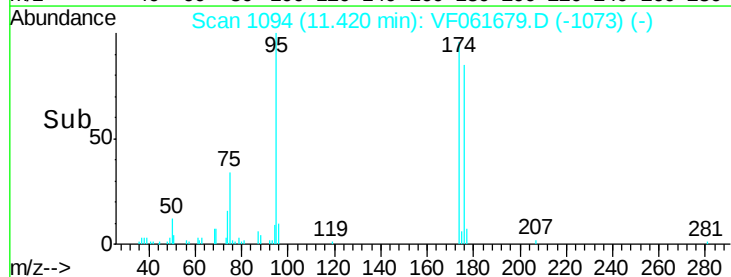
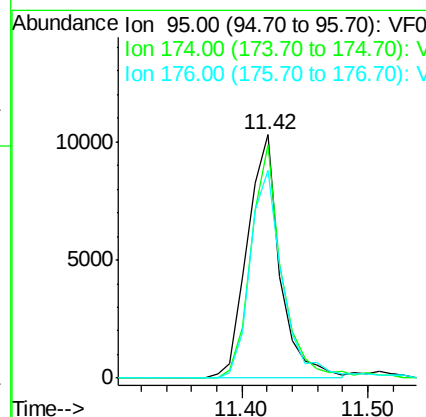
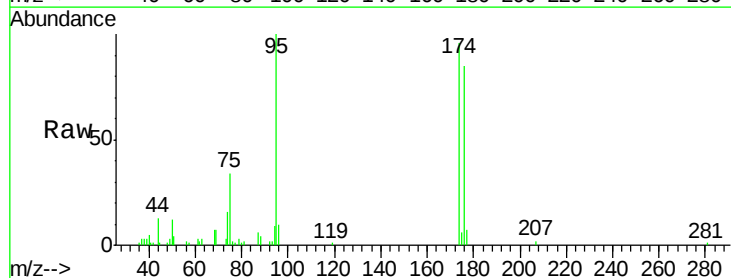
Tgt Ion: 95 Resp: 18414

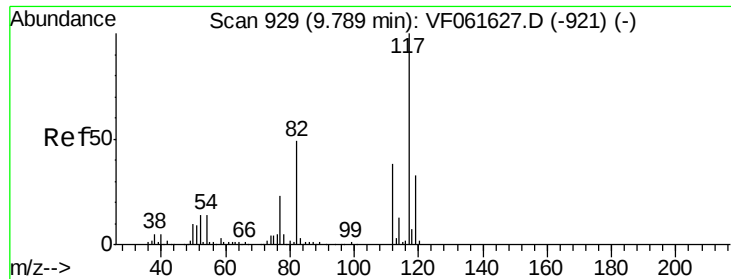
Ion Ratio Lower Upper

95 100

174 95.8 0.0 165.8

176 85.4 0.0 167.0

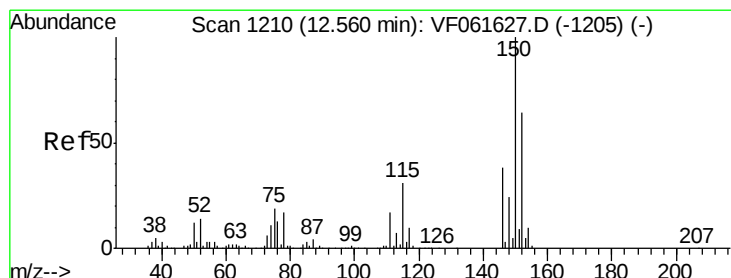
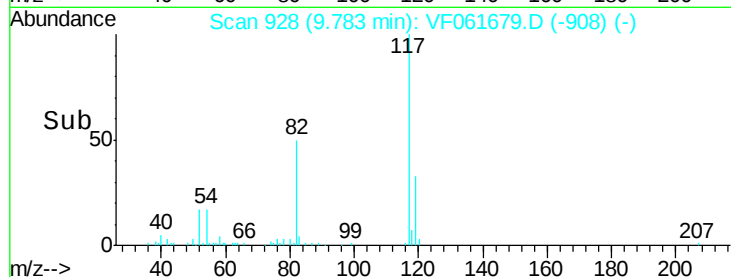
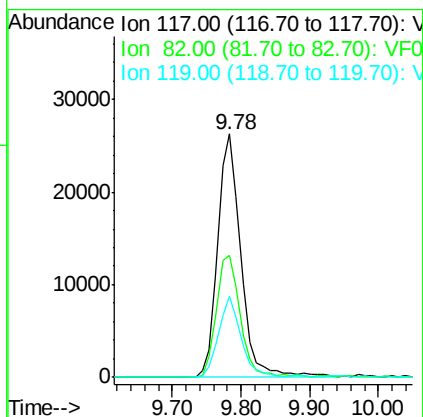
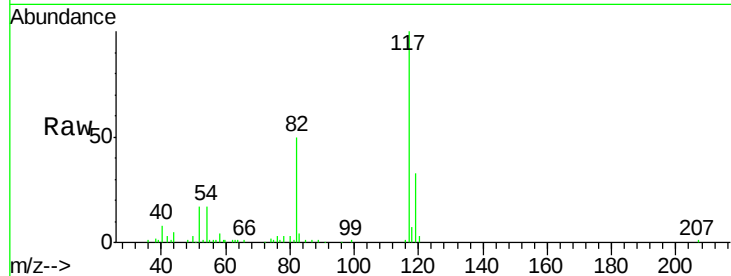




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061679.D
Acq: 18 Feb 2019 15:32

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

Tot Ion:117 Resp: 61565
Ion Ratio Lower Upper
117 100
82 50.1 39.3 58.9
119 33.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061679.D
Acq: 18 Feb 2019 15:32

Tgt Ion:152 Resp: 17194
Ion Ratio Lower Upper
152 100
115 50.5 24.3 72.8
150 149.8 0.0 312.0

