

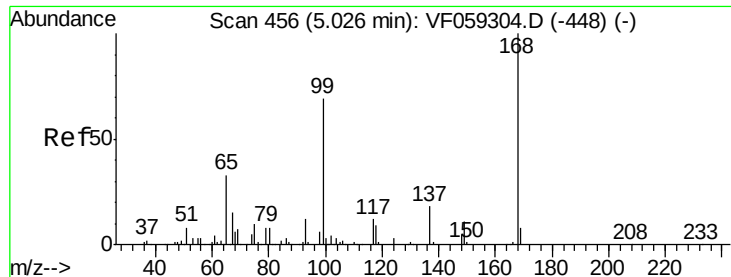
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059336.D
 Acq On : 27 Jun 2018 13:56
 Operator : VA/AP
 Sample : J3684-07
 Misc : 6.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-S

Quant Time: Jun 27 17:04:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	237133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	372836	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	361806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	216609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	148101	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	4.29	113	134907	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	7.70	98	315983	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.50	95	175364	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
16) Acetone	2.33	43	49528	56.85	ug/l	96
20) Methylene Chloride	2.27	84	14448	1.20	ug/l	85
40) Benzene	4.80	78	20202	2.80	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059336.D

Acq: 27 Jun 2018 13:56

Instrument :

MSVOA_F

ClientSampleId :

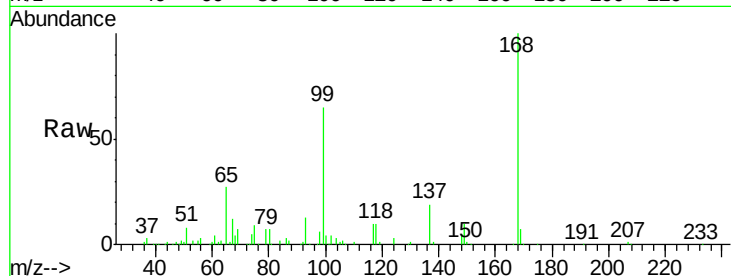
TP-2-S

Tot Ion:168 Resp: 237133

Ion Ratio Lower Upper

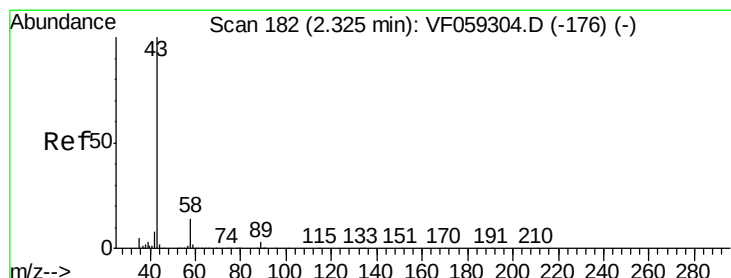
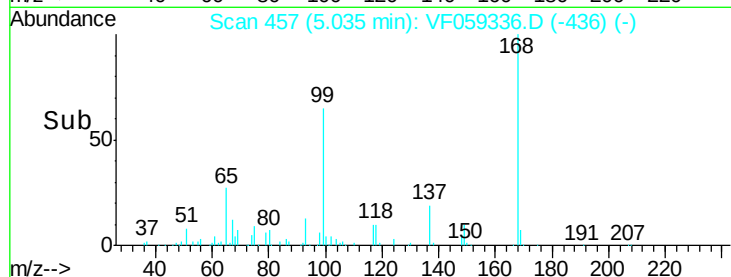
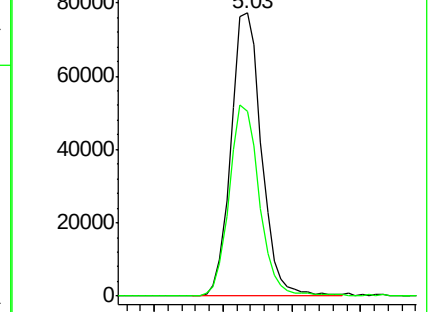
168 100

99 65.2 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 56.85 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059336.D

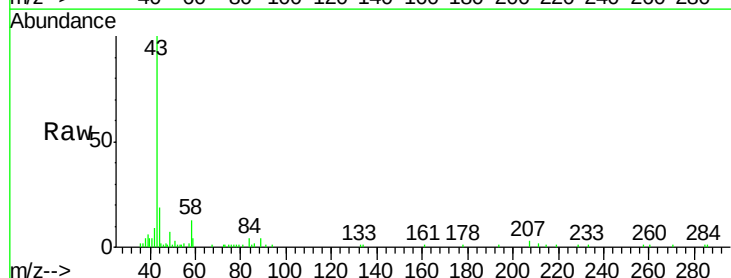
Acq: 27 Jun 2018 13:56

Tgt Ion: 43 Resp: 49528

Ion Ratio Lower Upper

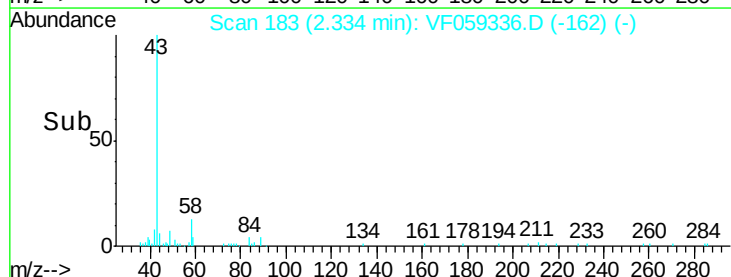
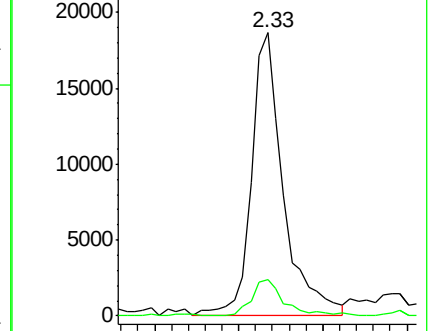
43 100

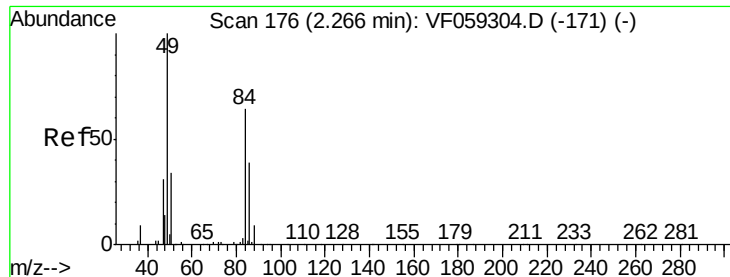
58 12.8 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

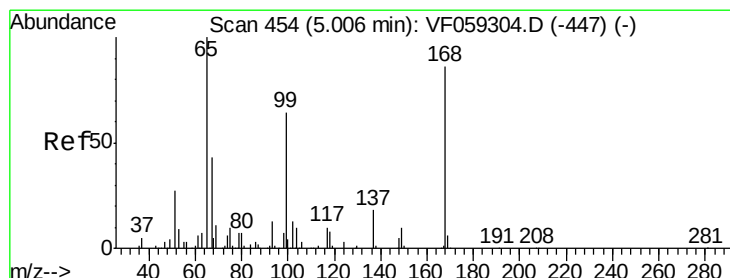
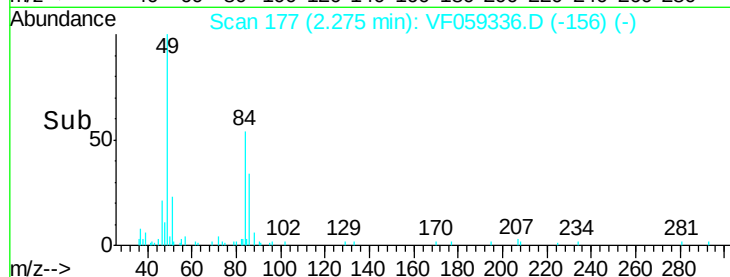
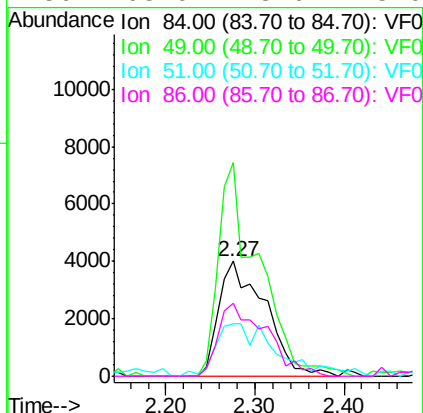
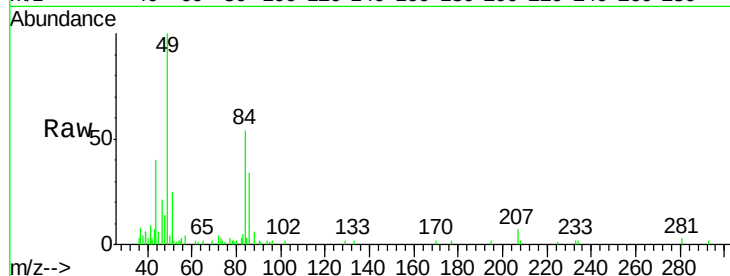




#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059336.D
Acq: 27 Jun 2018 13:56

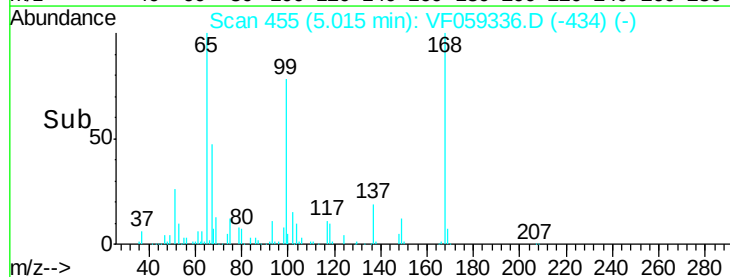
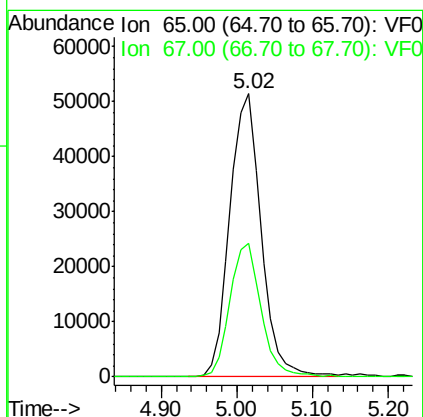
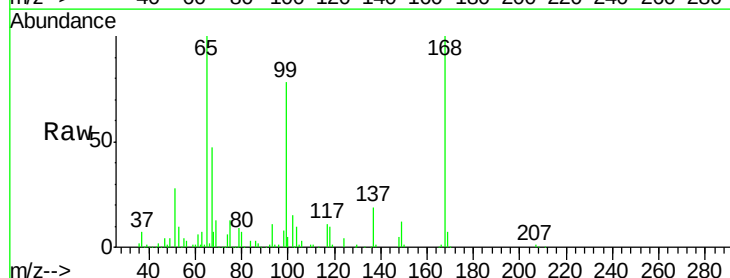
Instrument :
MSVOA_F
ClientSampled :
TP-2-S

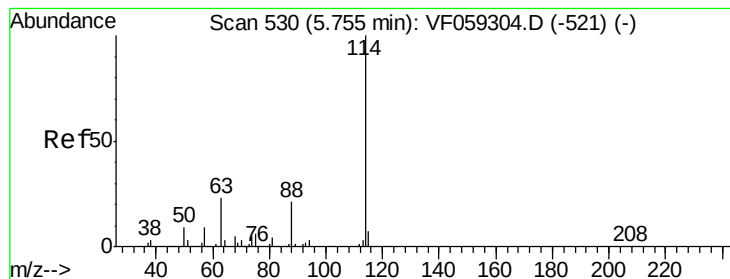
Tot Ion: 84 Resp: 14448
Ion Ratio Lower Upper
84 100
49 185.9 126.5 189.7
51 46.0 42.9 64.3
86 63.0 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 48.34 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059336.D
Acq: 27 Jun 2018 13:56

Tgt Ion: 65 Resp: 148101
Ion Ratio Lower Upper
65 100
67 47.3 0.0 96.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059336.D

Acq: 27 Jun 2018 13:56

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S

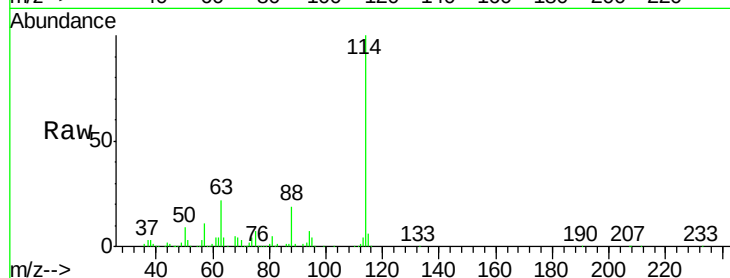
Tot Ion:114 Resp: 372836

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.8

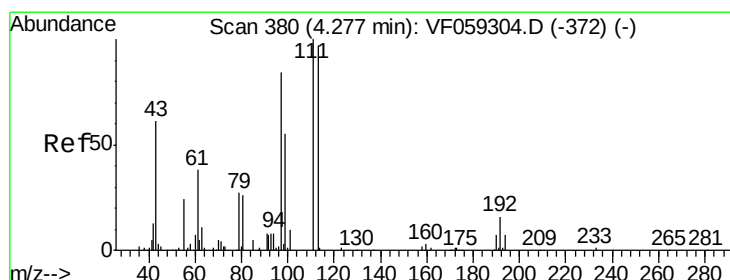
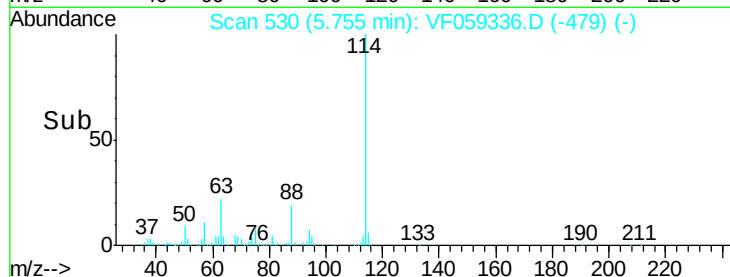
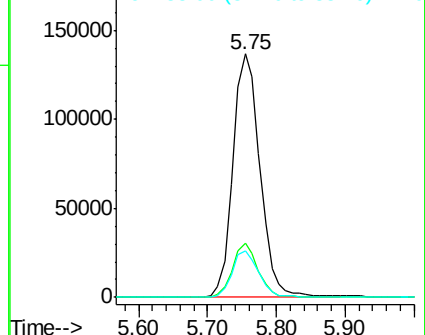
88 18.9 0.0 41.2



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: 49.52 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059336.D

Acq: 27 Jun 2018 13:56

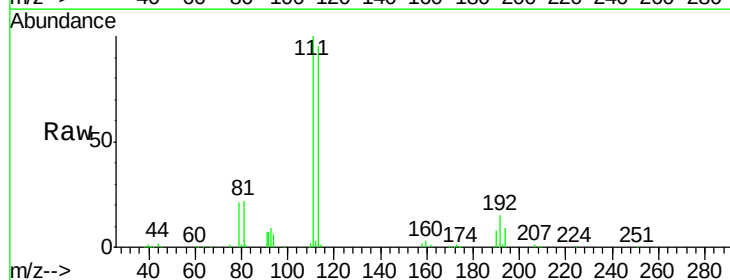
Tgt Ion:113 Resp: 134907

Ion Ratio Lower Upper

113 100

111 104.9 82.1 123.1

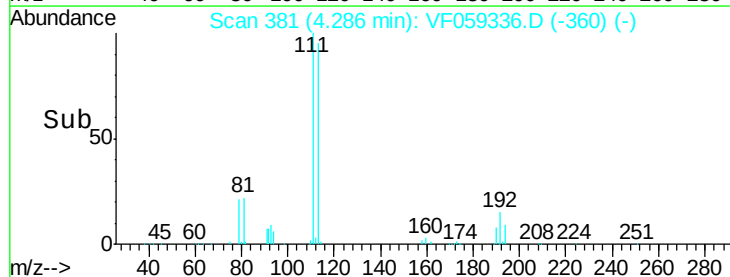
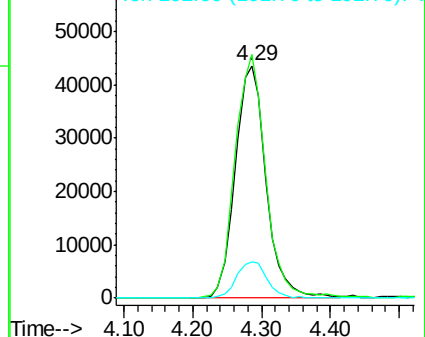
192 15.7 13.0 19.6

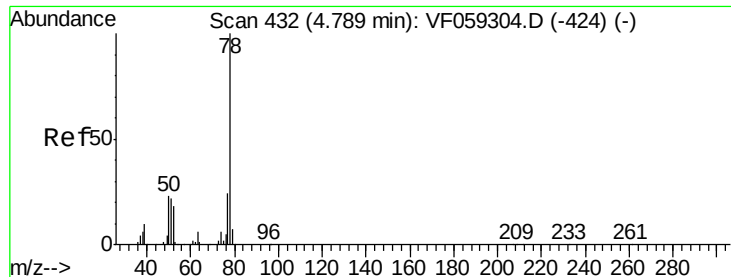


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#40

Benzene

Concen: 2.80 ug/l

RT: 4.80 min Scan# 433

Delta R.T. 0.01 min

Lab File: VF059336.D

Acq: 27 Jun 2018 13:56

Instrument :

MSVOA_F

ClientSampleId :

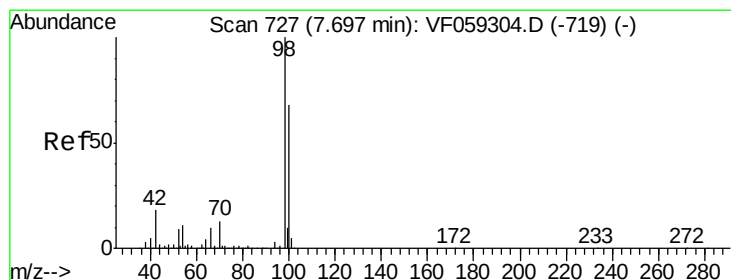
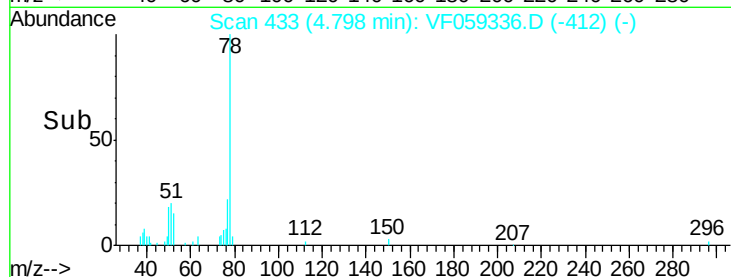
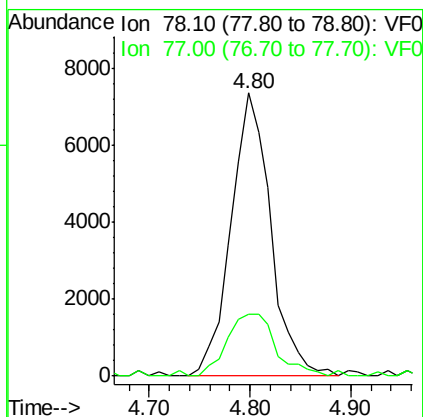
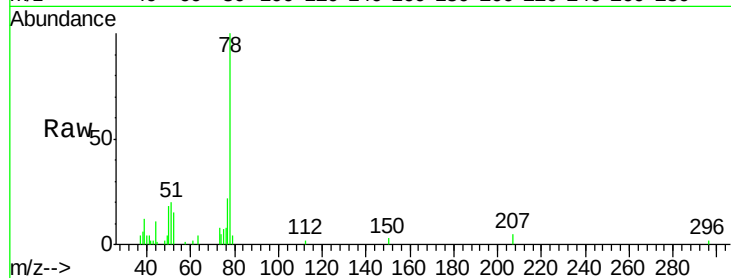
TP-2-S

Tot Ion: 78 Resp: 20202

Ion Ratio Lower Upper

78 100

77 21.9 19.6 29.4



#50

Toluene-d8

Concen: 46.85 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059336.D

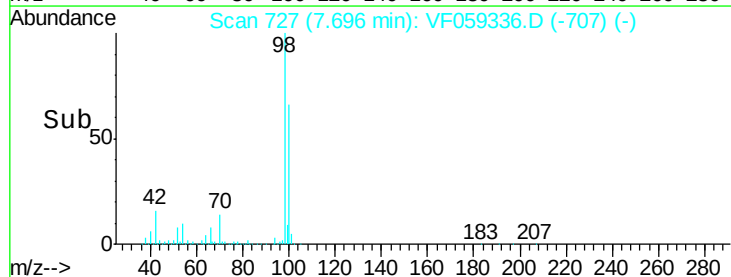
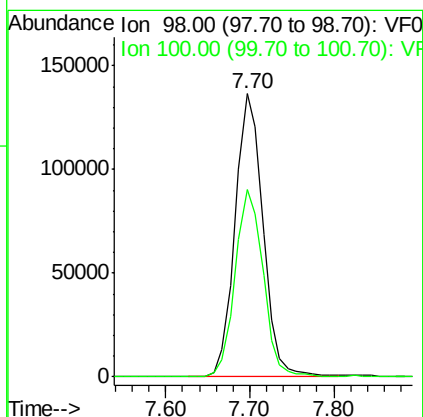
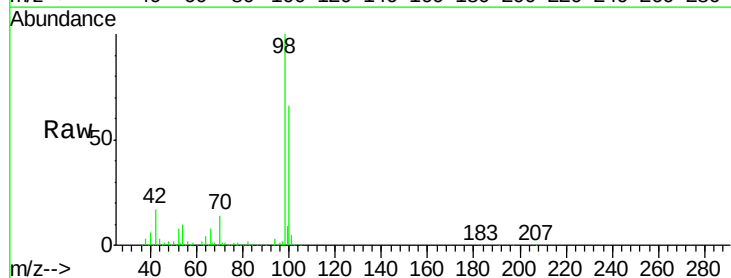
Acq: 27 Jun 2018 13:56

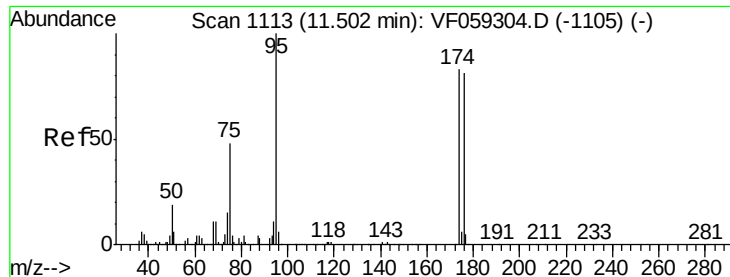
Tgt Ion: 98 Resp: 315983

Ion Ratio Lower Upper

98 100

100 66.0 54.6 82.0

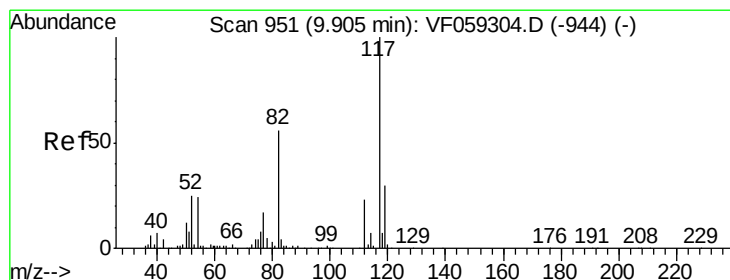
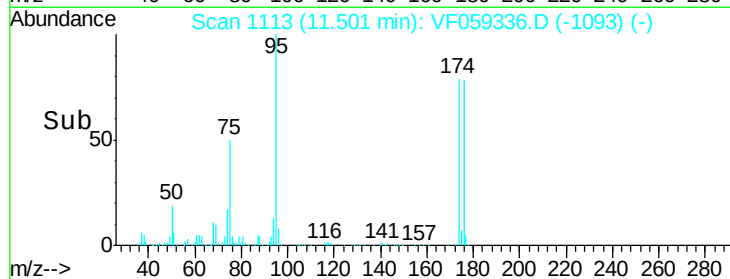
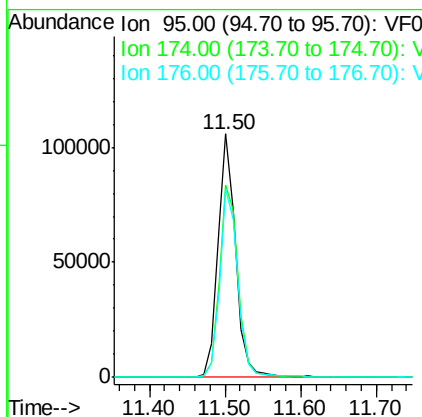
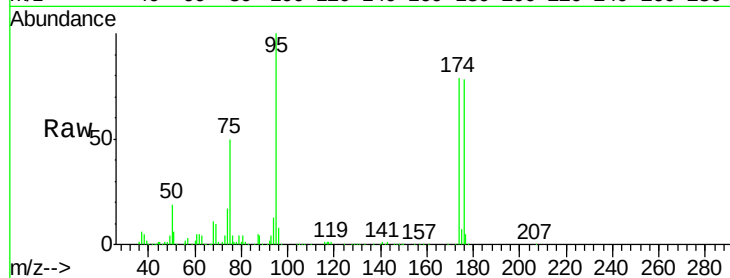




#62
4-Bromofluorobenzene
Concen: 46.09 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059336.D
Acq: 27 Jun 2018 13:56

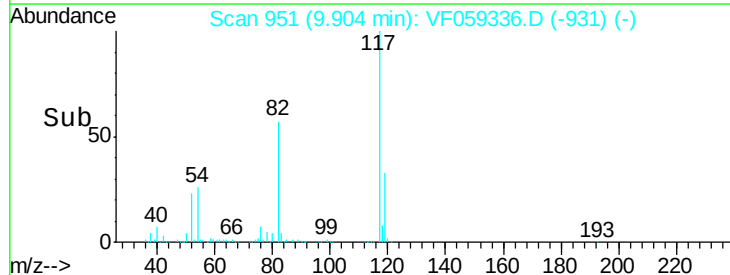
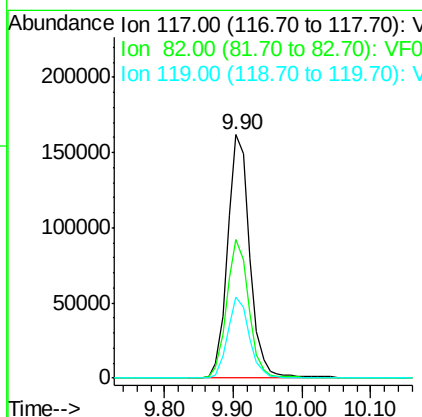
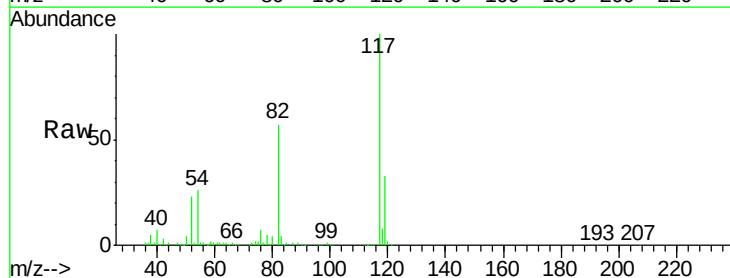
Instrument :
MSVOA_F
ClientSampled :
TP-2-S

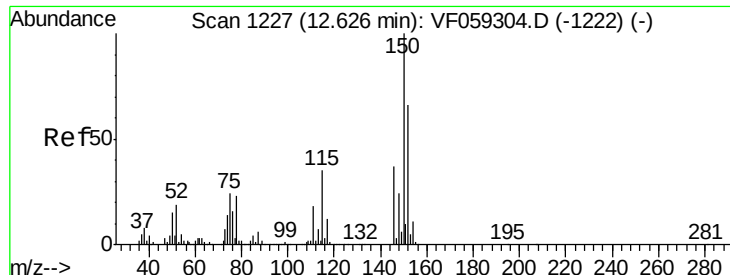
Tot Ion: 95 Resp: 175364
Ion Ratio Lower Upper
95 100
174 78.8 0.0 165.2
176 77.6 0.0 161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059336.D
Acq: 27 Jun 2018 13:56

Tgt Ion: 117 Resp: 361806
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 33.3 24.1 36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059336.D

Acq: 27 Jun 2018 13:56

Instrument :

MSVOA_F

ClientSampleId :

TP-2-S

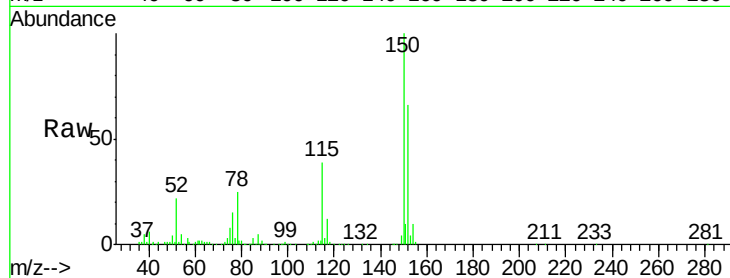
Tot Ion:152 Resp: 216609

Ion Ratio Lower Upper

152 100

115 59.2 27.1 81.3

150 151.4 0.0 305.2



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

