

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061376.D
 Acq On : 11 Jan 2019 19:04
 Operator : VA/AP
 Sample : K1075-14RE
 Misc : 4.97g/5mL/MSVOA-F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-7RE

Quant Time: Jan 12 04:30:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

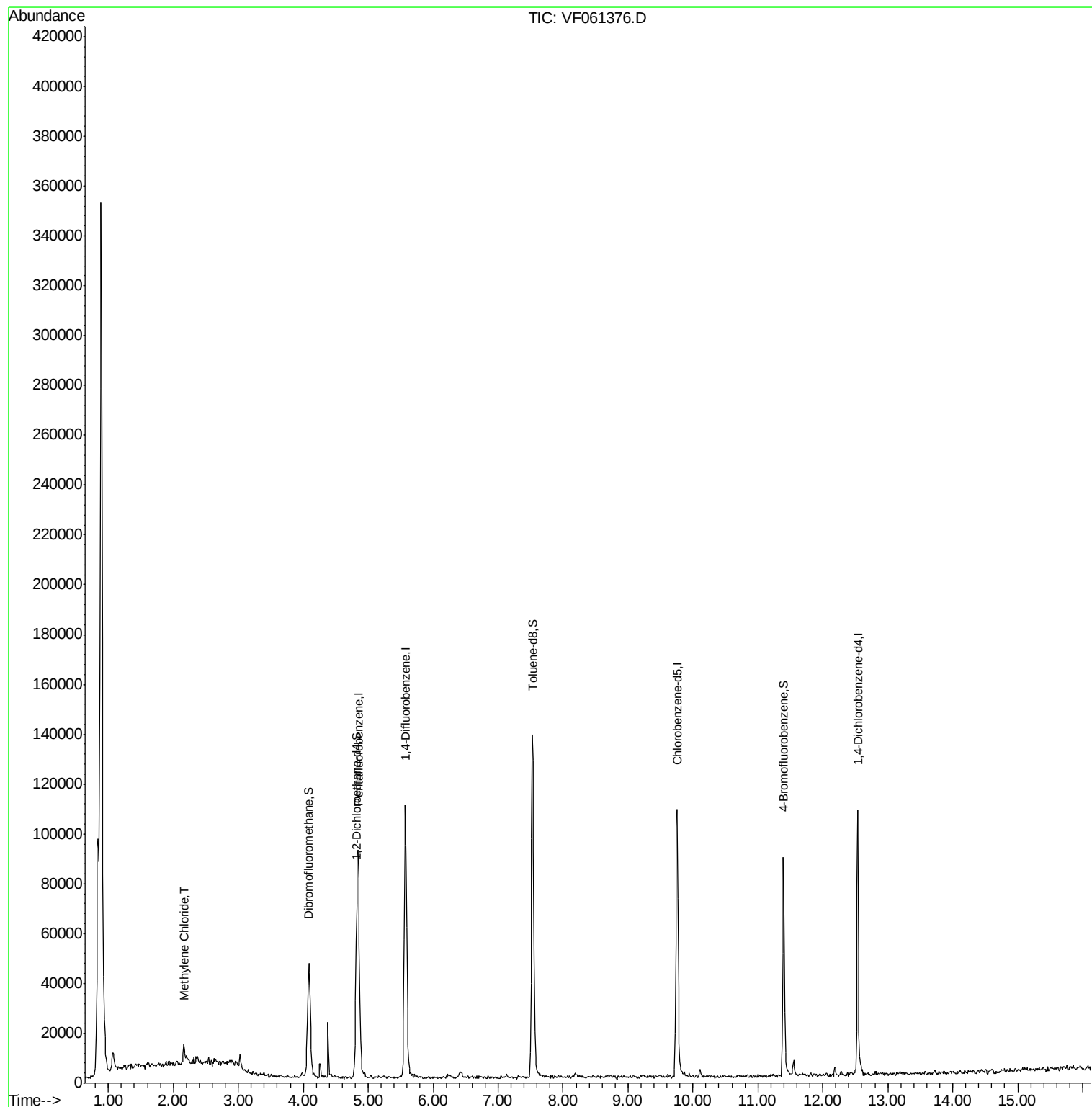
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	72554	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	121303	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	81181	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	24585	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	31586	39.11	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	78.22%	
35) Dibromofluoromethane	4.08	113	43597	46.97	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	7.53	98	123273	44.88	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	11.39	95	36048	30.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	60.12%	
Target Compounds						
20) Methylene Chloride	2.16	84	3921	4.934	ug/l	Qvalue 87

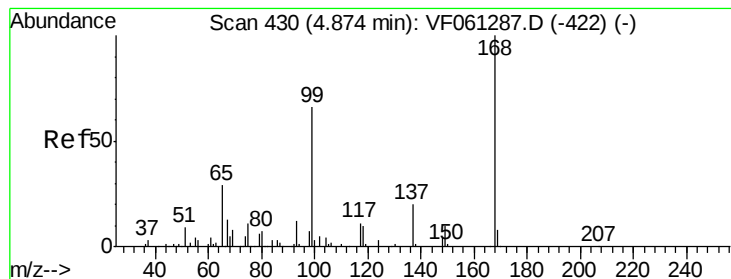
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061376.D
Acq On : 11 Jan 2019 19:04
Operator : VA/AP
Sample : K1075-14RE
Misc : 4.97g/5mL/MSVOA-F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BASIN-7RE

Quant Time: Jan 12 04:30:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061376.D

Acq: 11 Jan 2019 19:04

Instrument :

MSVOA_F

ClientSampleId :

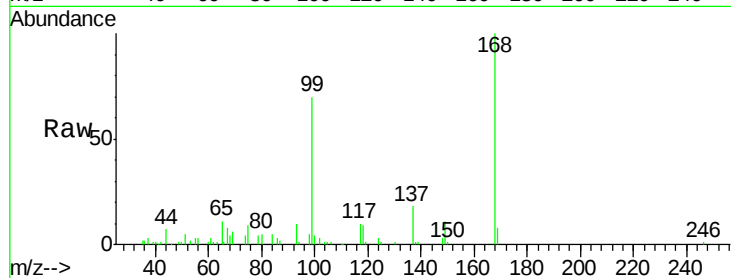
BASIN-7RE

Tot Ion:168 Resp: 72554

Ion Ratio Lower Upper

168 100

99 69.8 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.85

25000

20000

15000

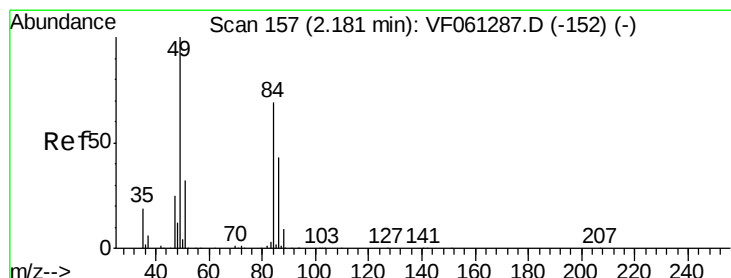
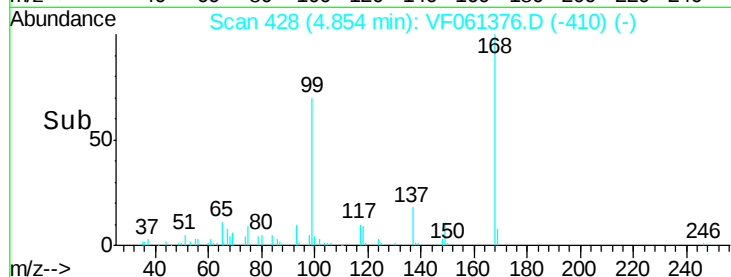
10000

5000

0

4.70 4.80 4.90 5.00

Time-->



#20

Methylene Chloride

Concen: 4.934 ug/l

RT: 2.16 min Scan# 155

Delta R.T. -0.02 min

Lab File: VF061376.D

Acq: 11 Jan 2019 19:04

Tgt Ion: 84 Resp: 3921

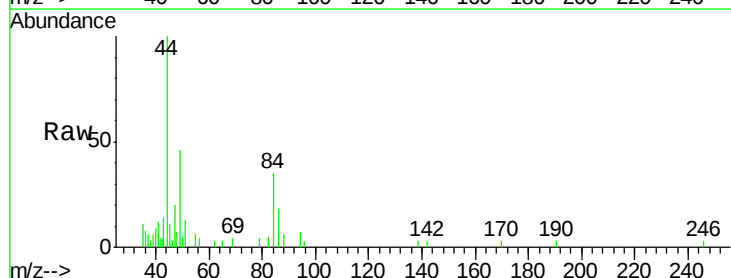
Ion Ratio Lower Upper

84 100

49 131.3 116.6 175.0

51 38.2 37.7 56.5

86 51.0 49.8 74.8



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2500

2000

1500

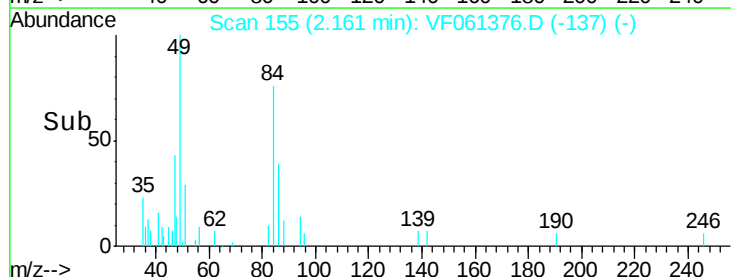
1000

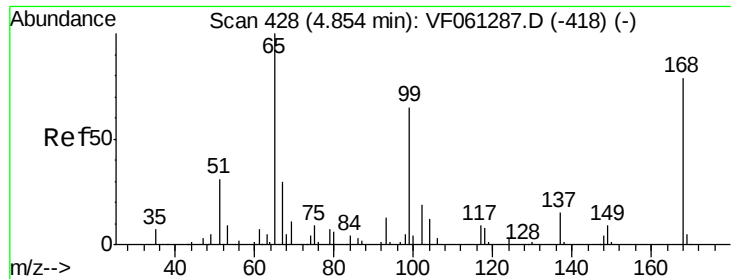
500

0

2.10 2.20 2.30

Time-->

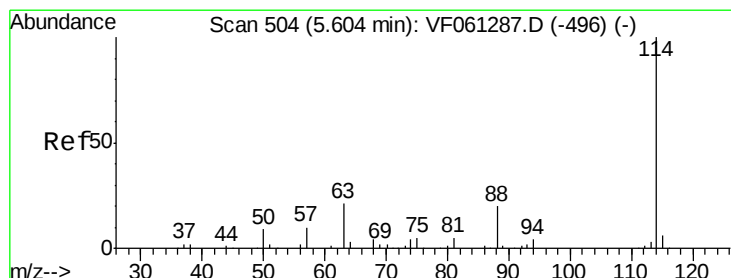
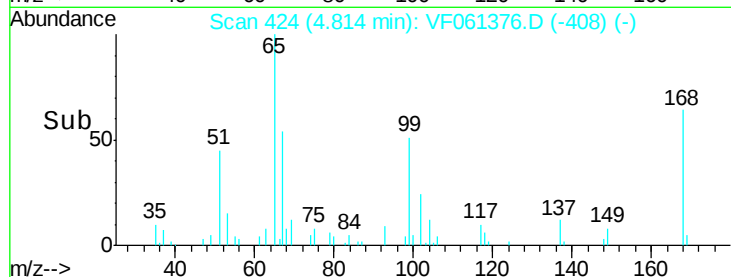
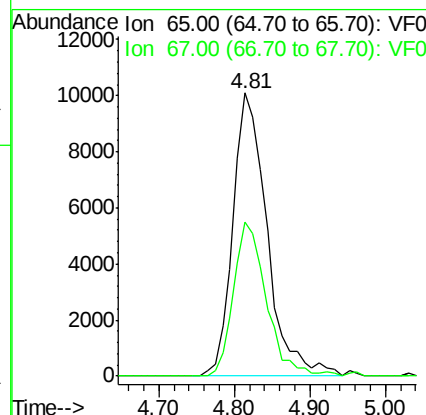
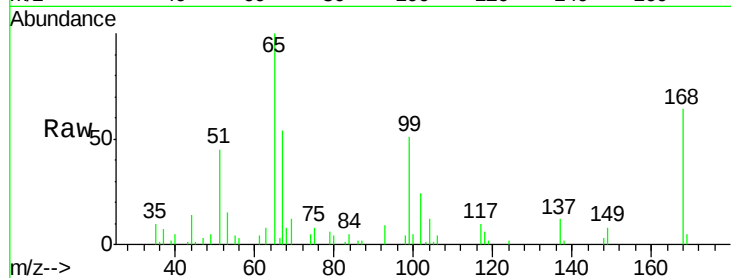




#33
 1,2-Dichloroethane-d4
 Concen: 39.112 ug/l
 RT: 4.81 min Scan# 424
 Delta R.T. -0.04 min
 Lab File: VF061376.D
 Acq: 11 Jan 2019 19:04

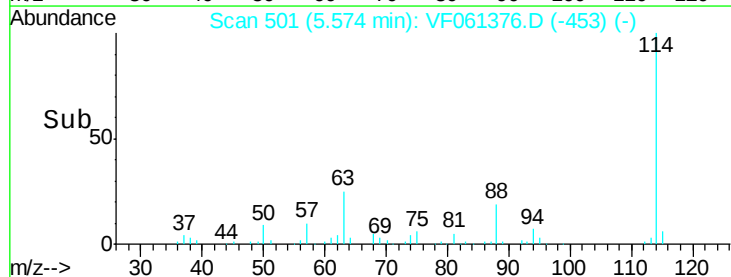
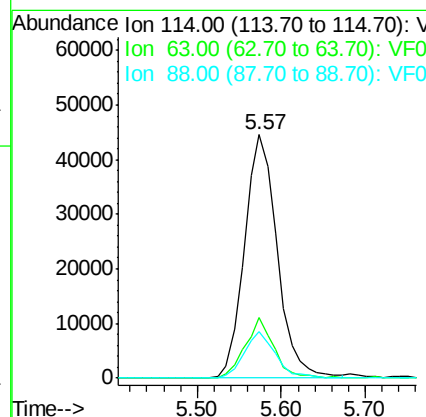
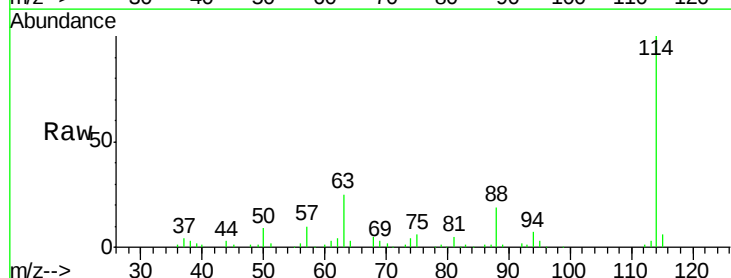
Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-7RE

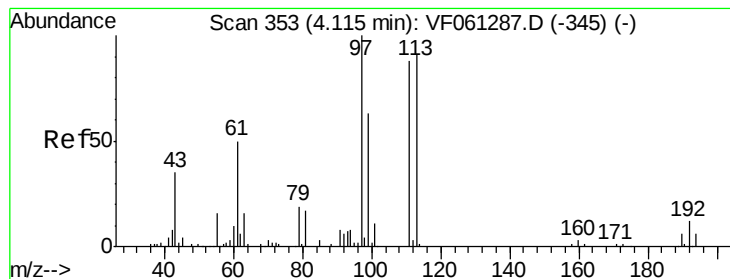
Tot Ion: 65 Resp: 31586
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: VF061376.D
 Acq: 11 Jan 2019 19:04

Tgt Ion: 114 Resp: 121303
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 42.8
 88 19.3 0.0 40.0





#35

Dibromofluoromethane

Concen: 46.971 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.03 min

Lab File: VF061376.D

Acq: 11 Jan 2019 19:04

Instrument :

MSVOA_F

ClientSampleId :

BASIN-7RE

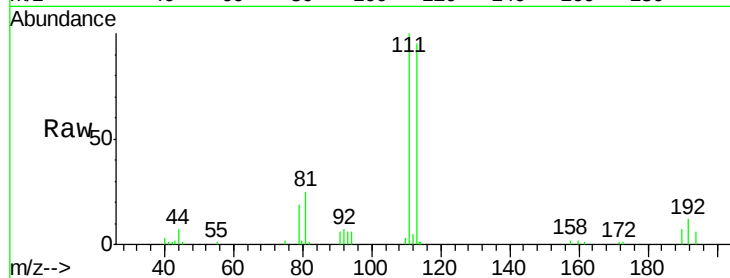
Tot Ion:113 Resp: 43597

Ion Ratio Lower Upper

113 100

111 104.9 78.0 117.0

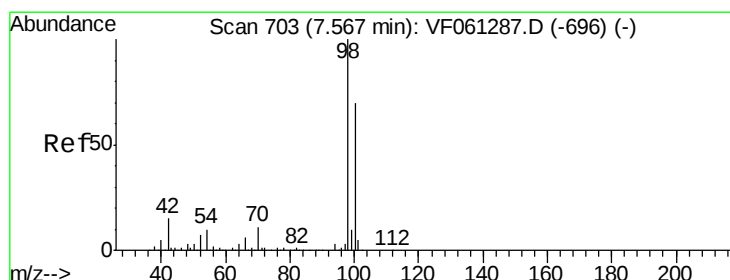
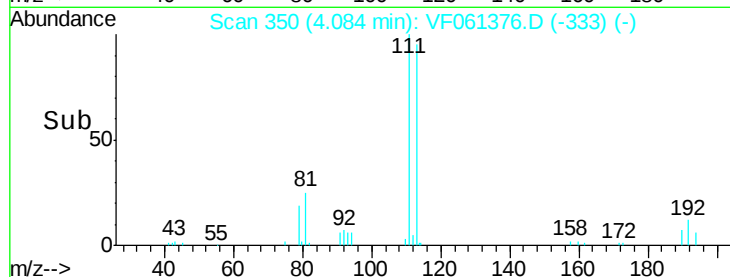
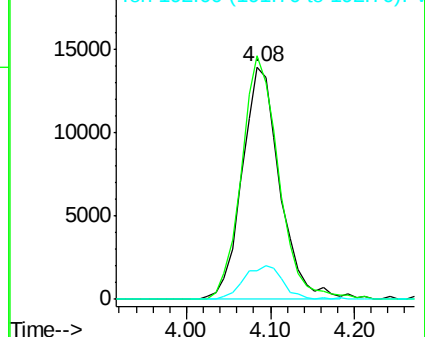
192 12.5 10.6 16.0



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: 44.881 ug/l

RT: 7.53 min Scan# 699

Delta R.T. -0.04 min

Lab File: VF061376.D

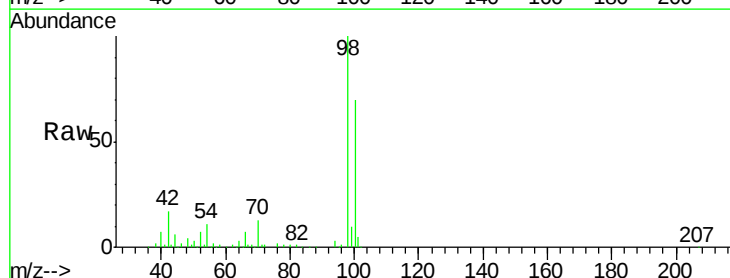
Acq: 11 Jan 2019 19:04

Tgt Ion: 98 Resp: 123273

Ion Ratio Lower Upper

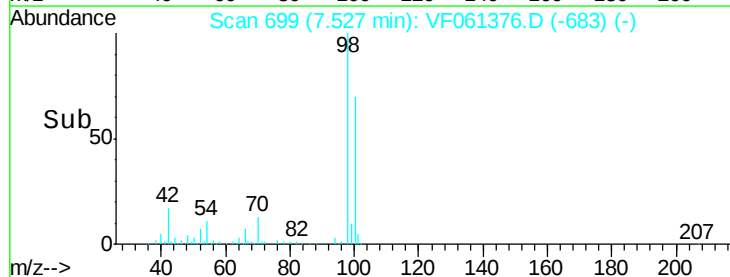
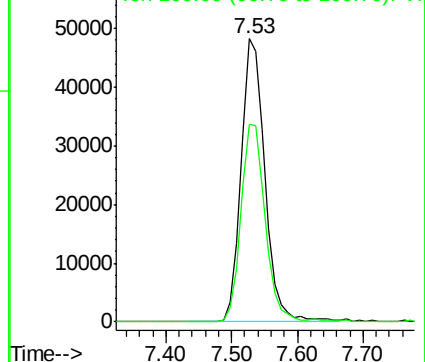
98 100

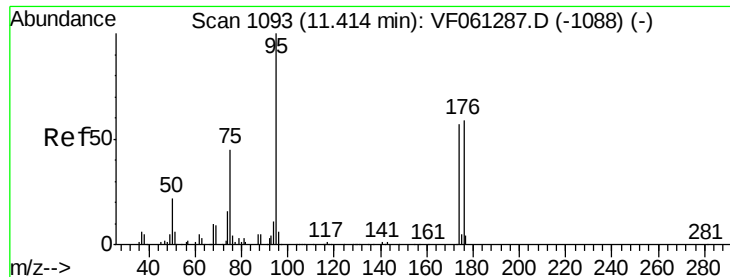
100 70.0 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 30.056 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF061376.D

Acq: 11 Jan 2019 19:04

Instrument :

MSVOA_F

ClientSampled :

BASIN-7RE

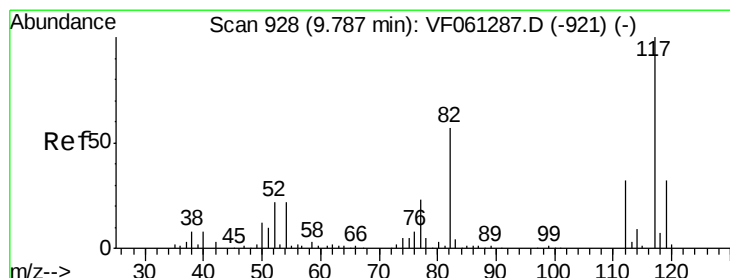
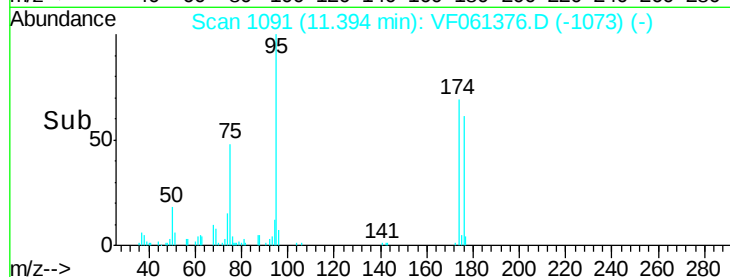
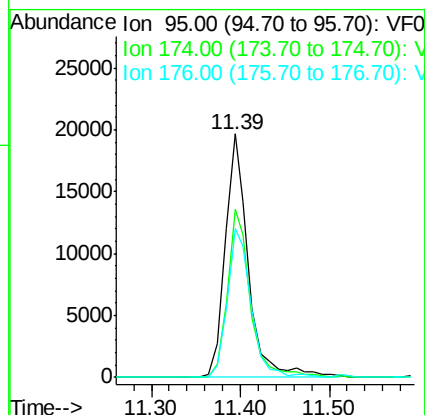
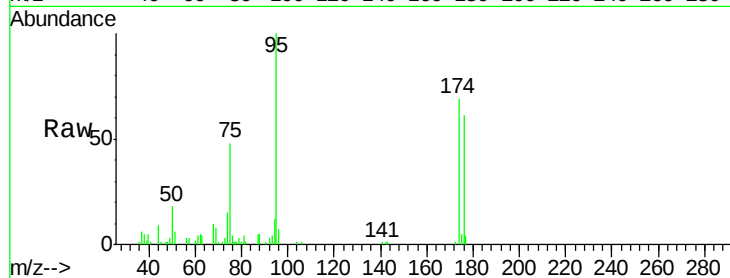
Tot Ion: 95 Resp: 36048

Ion Ratio Lower Upper

95 100

174 68.8 0.0 114.2

176 60.9 0.0 117.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 925

Delta R.T. -0.03 min

Lab File: VF061376.D

Acq: 11 Jan 2019 19:04

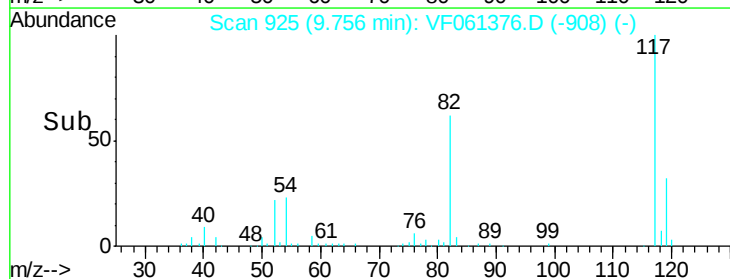
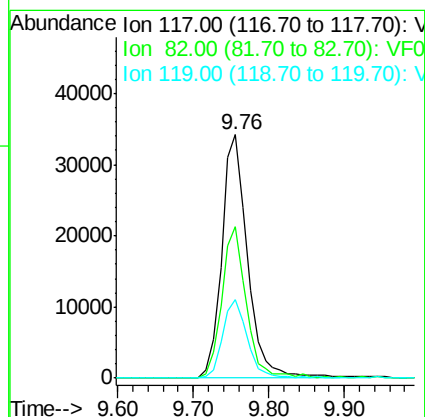
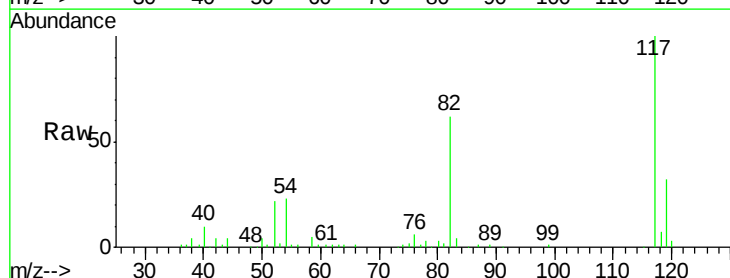
Tgt Ion: 117 Resp: 81181

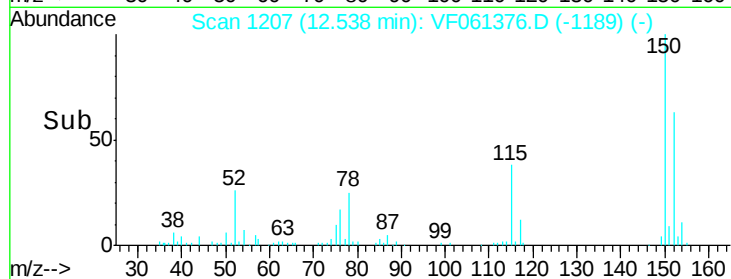
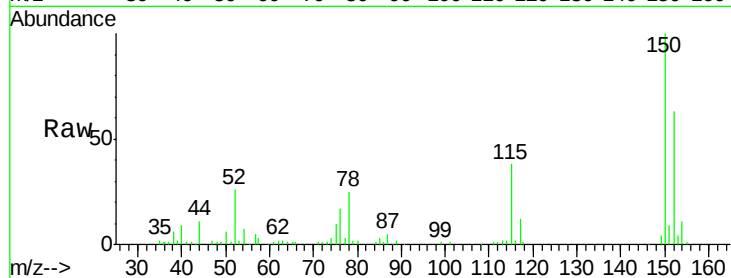
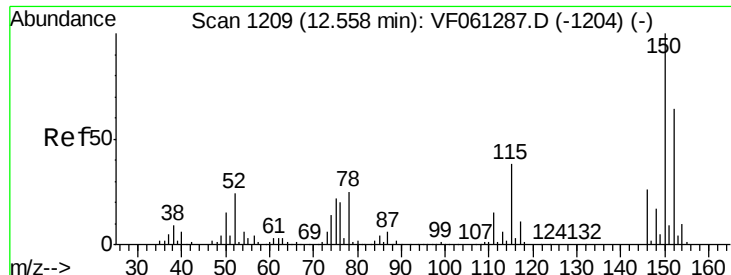
Ion Ratio Lower Upper

117 100

82 62.2 45.3 67.9

119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.02 min

Lab File: VF061376.D

Acq: 11 Jan 2019 19:04

Instrument :

MSVOA_F

ClientSampleId :

BASIN-7RE

Tot Ion:152 Resp: 24585

Ion Ratio Lower Upper

152 100

115 60.1 29.6 88.9

150 159.4 0.0 315.4

