

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061377.D
 Acq On : 11 Jan 2019 19:33
 Operator : VA/AP
 Sample : K1075-16RE
 Misc : 4.84g/5mL/MSVOA-F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-8RE

Quant Time: Jan 12 04:31:51 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

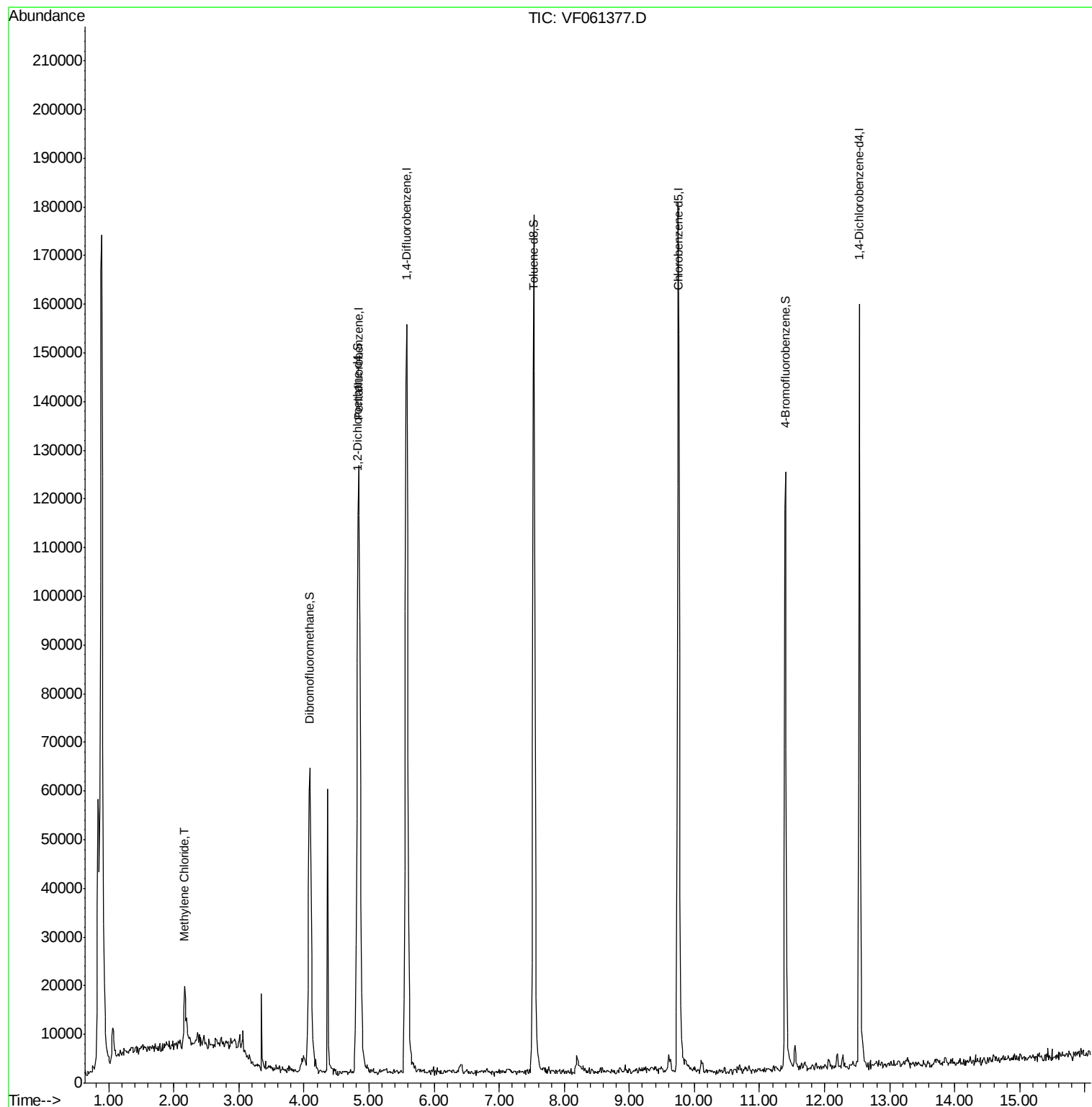
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	91726	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	174958	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	128370	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	39252	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	53995	52.89	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	4.09	113	62364	46.58	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	7.53	98	149373	37.71	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	75.42%	
62) 4-Bromofluorobenzene	11.39	95	51840	29.97	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	59.94%	
Target Compounds						
20) Methylene Chloride	2.17	84	6365	6.335	ug/l	Qvalue 87

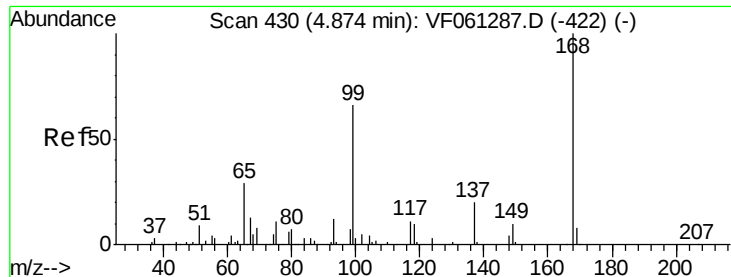
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061377.D

Acq: 11 Jan 2019 19:33

Instrument :

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ClientSampleId :

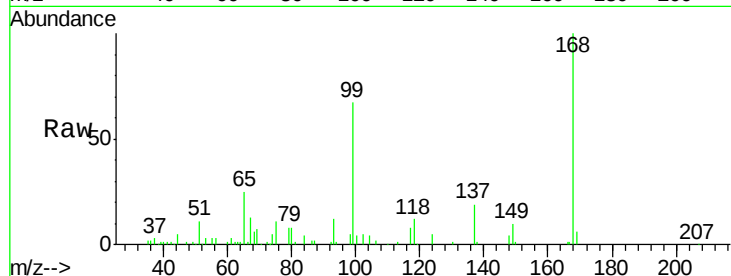
BASIN-8RE

Tot Ion:168 Resp: 91726

Ion Ratio Lower Upper

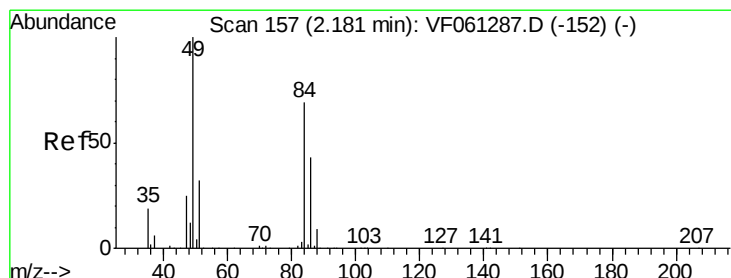
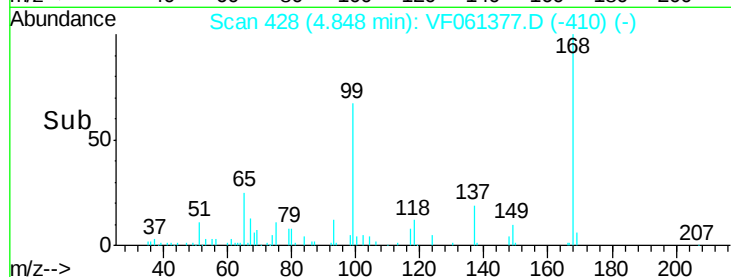
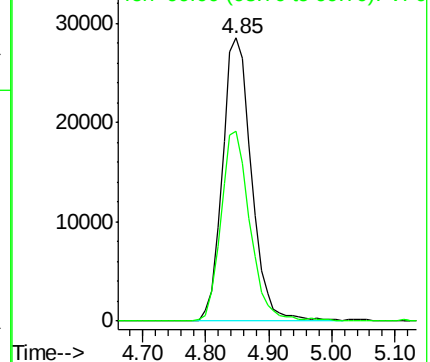
168 100

99 66.9 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 6.335 ug/l

RT: 2.17 min Scan# 156

Delta R.T. -0.02 min

Lab File: VF061377.D

Acq: 11 Jan 2019 19:33

Tgt Ion: 84 Resp: 6365

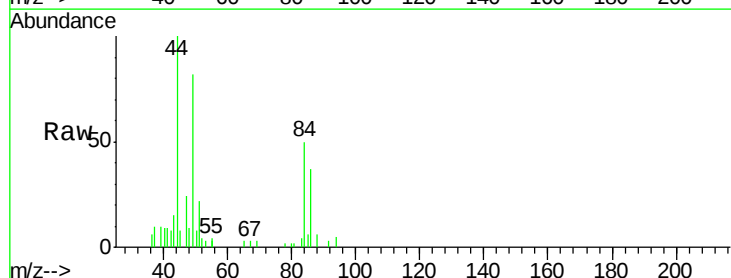
Ion Ratio Lower Upper

84 100

49 164.0 116.6 175.0

51 42.8 37.7 56.5

86 72.8 49.8 74.8

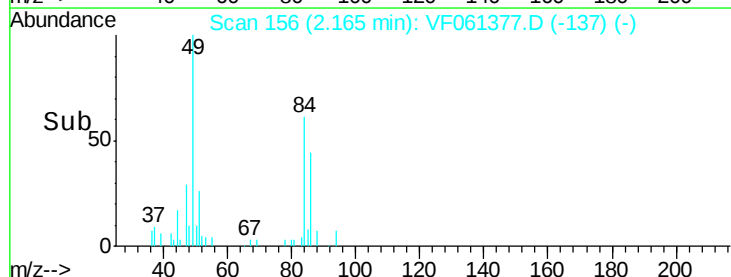
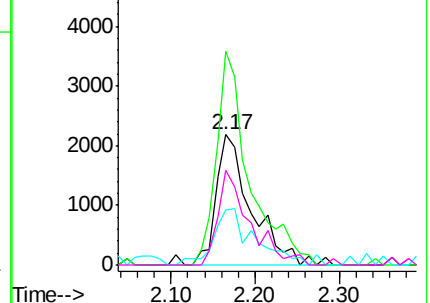


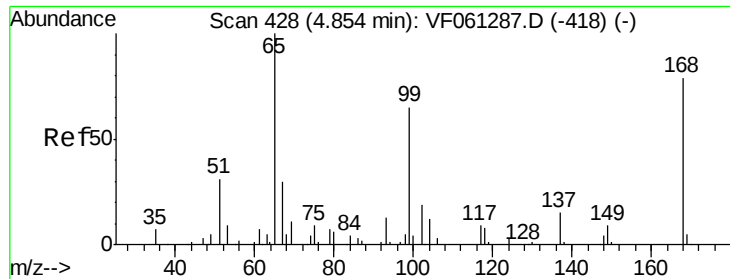
Abundance Ion 84.00 (83.70 to 84.70): VF0

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

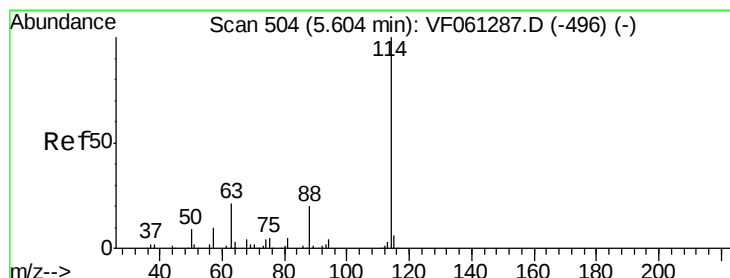
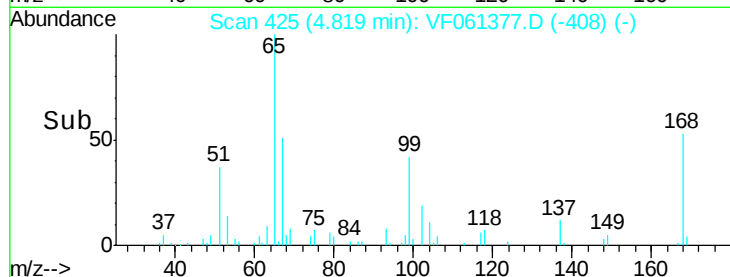
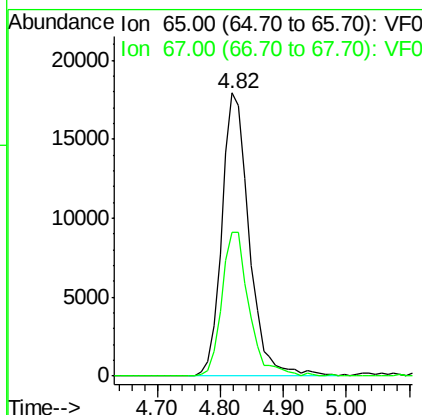
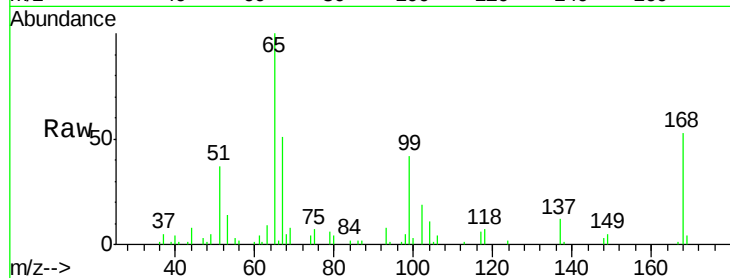




#33
 1,2-Dichloroethane-d4
 Concen: 52.886 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.04 min
 Lab File: VF061377.D
 Acq: 11 Jan 2019 19:33

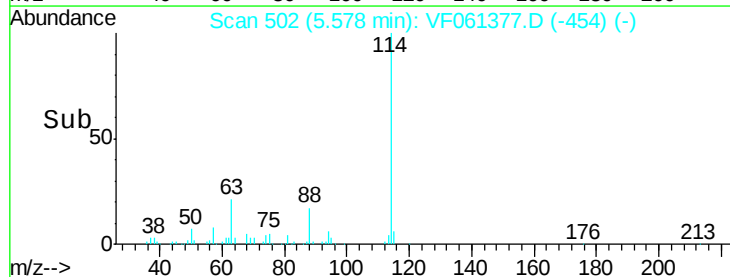
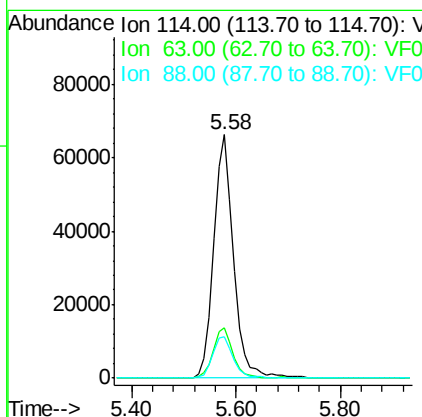
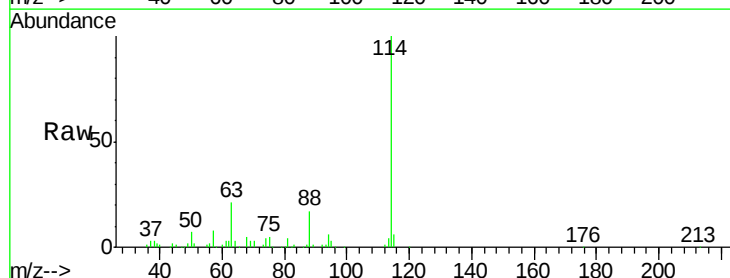
Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-8RE

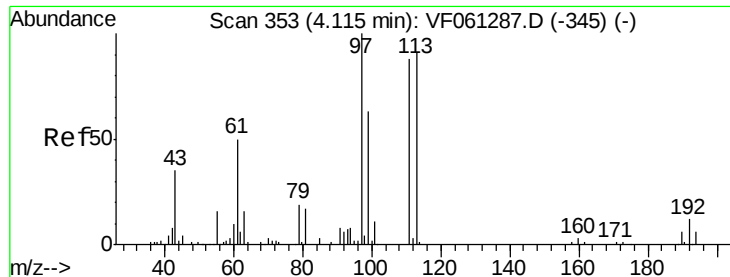
Tot Ion: 65 Resp: 53995
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061377.D
 Acq: 11 Jan 2019 19:33

Tgt Ion: 114 Resp: 174958
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 16.8 0.0 40.0





#35

Dibromofluoromethane

Concen: 46.585 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061377.D

Acq: 11 Jan 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

BASIN-8RE

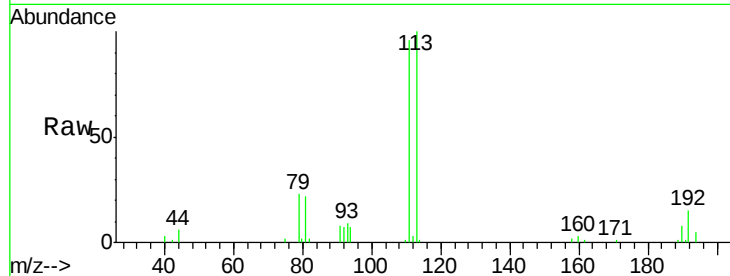
Tot Ion:113 Resp: 62364

Ion Ratio Lower Upper

113 100

111 95.8 78.0 117.0

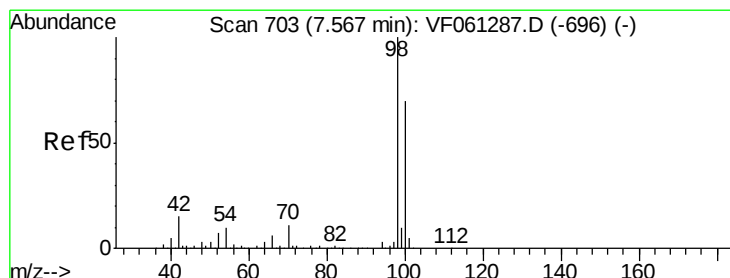
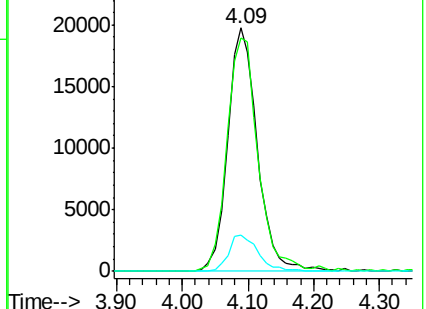
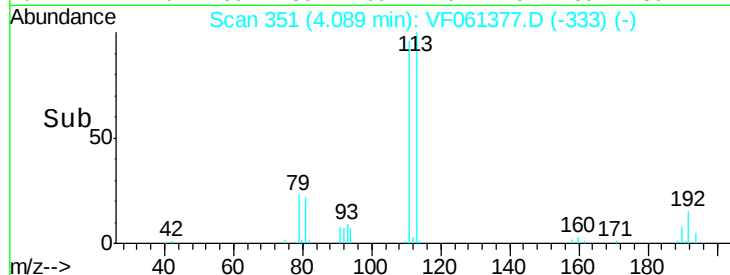
192 14.8 10.6 16.0



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: 37.705 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.04 min

Lab File: VF061377.D

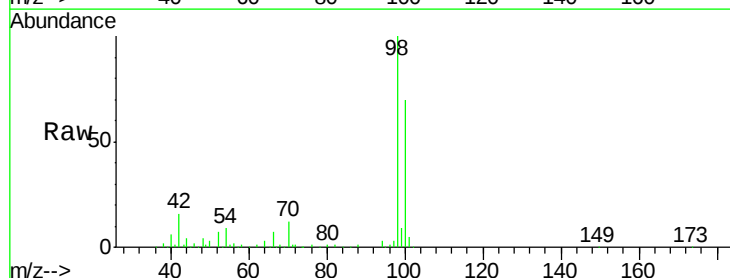
Acq: 11 Jan 2019 19:33

Tgt Ion: 98 Resp: 149373

Ion Ratio Lower Upper

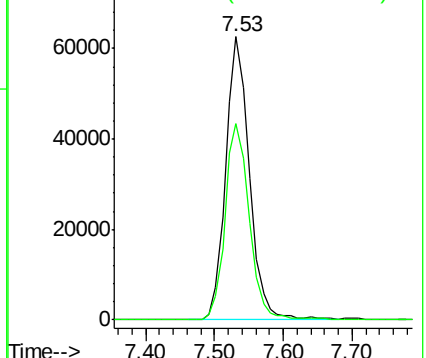
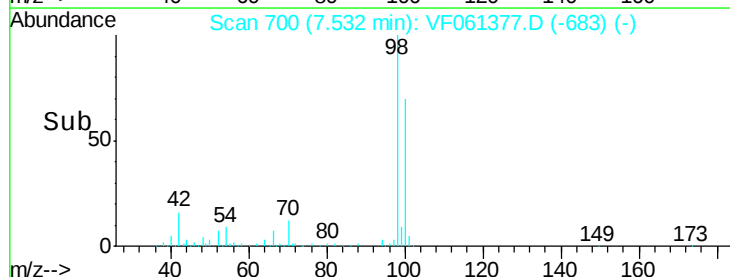
98 100

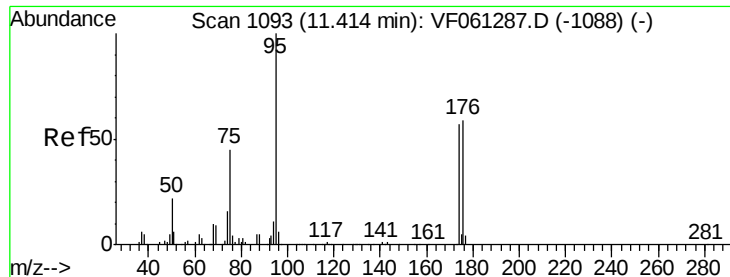
100 69.6 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 29.968 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.03 min

Lab File: VF061377.D

Acq: 11 Jan 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

BASIN-8RE

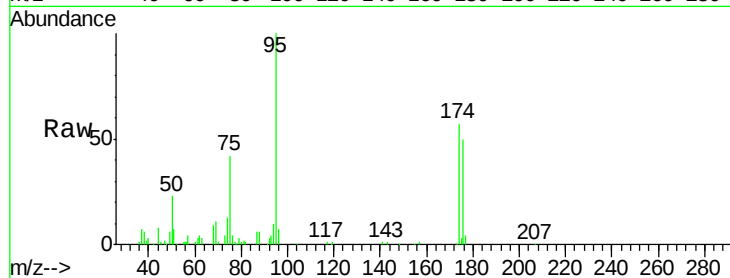
Tot Ion: 95 Resp: 51840

Ion Ratio Lower Upper

95 100

174 57.2 0.0 114.2

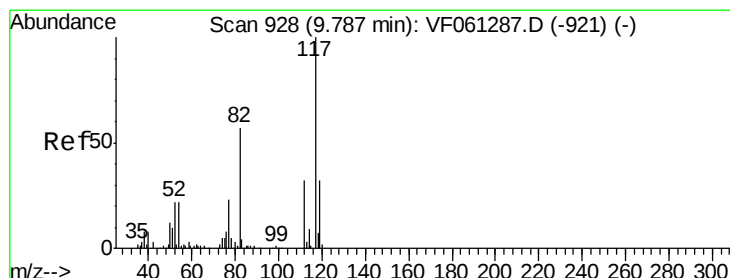
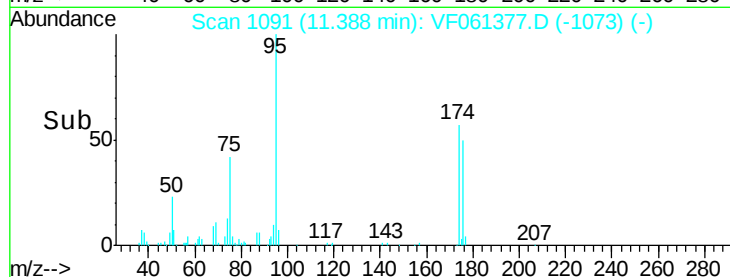
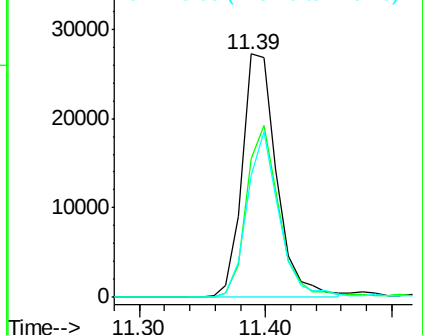
176 50.3 0.0 117.8



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: 9.75 min Scan# 925

Delta R.T. -0.04 min

Lab File: VF061377.D

Acq: 11 Jan 2019 19:33

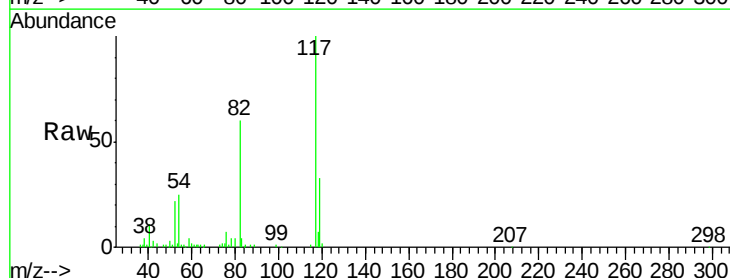
Tgt Ion: 117 Resp: 128370

Ion Ratio Lower Upper

117 100

82 59.9 45.3 67.9

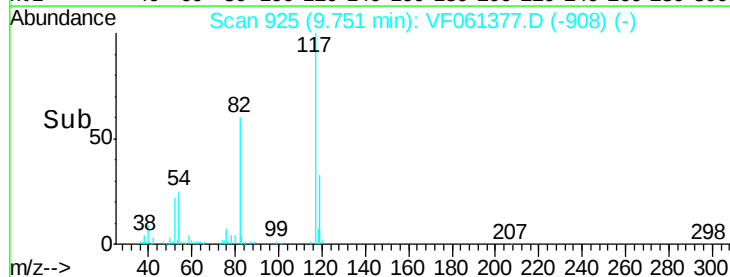
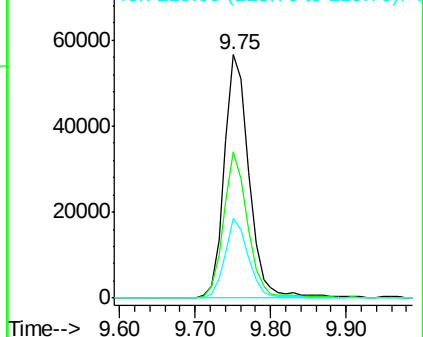
119 32.5 25.4 38.0

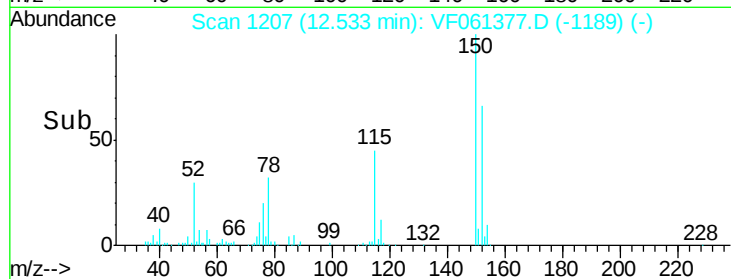
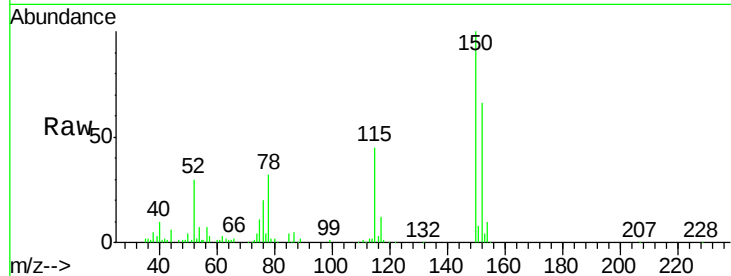
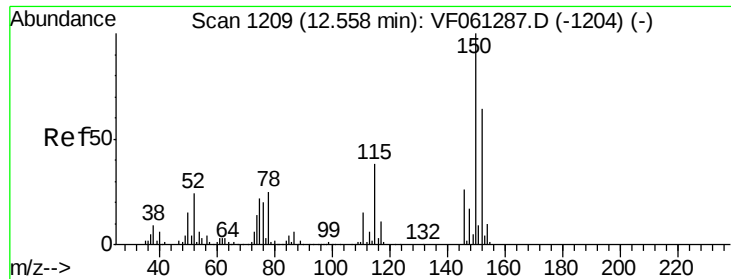


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.53 min Scan# 1207

Delta R.T. -0.03 min

Lab File: VF061377.D

Acq: 11 Jan 2019 19:33

Instrument :

MSVOA_F

ClientSampleId :

BASIN-8RE

Tot Ion:152 Resp: 39252

Ion Ratio Lower Upper

152 100

115 68.3 29.6 88.9

150 152.3 0.0 315.4

