

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009563.D
 Acq On : 14 May 2019 15:40
 Operator : JC/SP
 Sample : K2852-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-GROUNDWATER

Quant Time: May 15 08:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

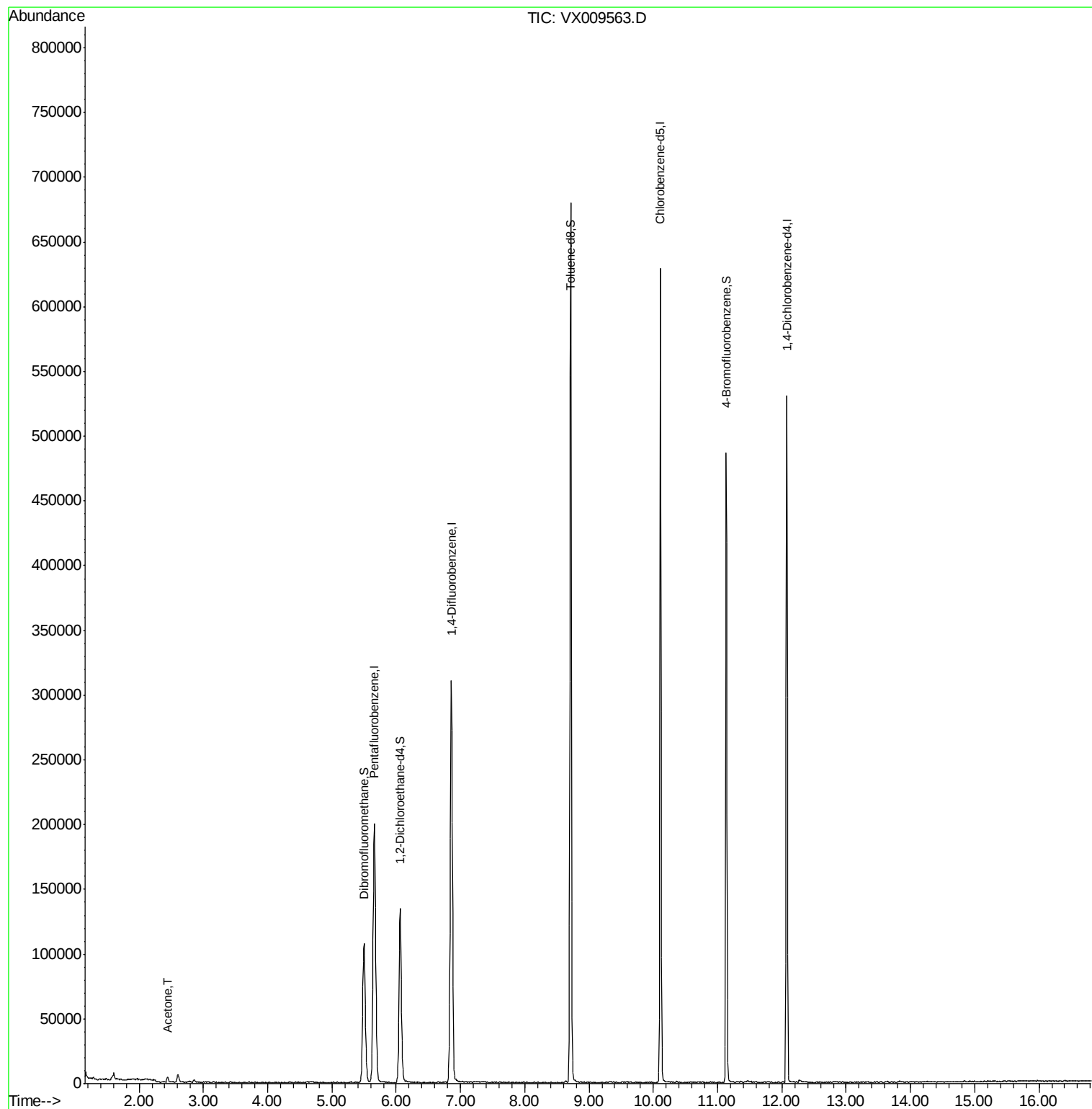
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126401	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	5.50	113	92371	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	8.71	98	385195	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	125139	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
16) Acetone	2.45	43	4719	3.305	ug/l	Qvalue 97

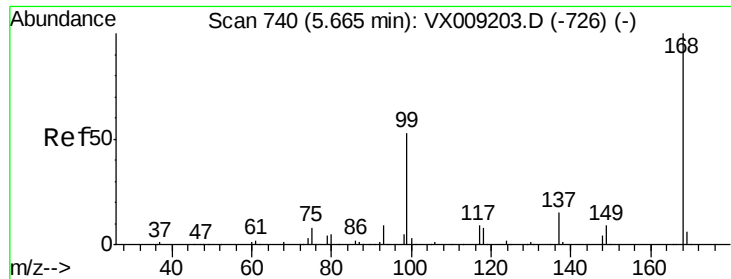
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 07:31:15 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009563.D

Acq: 14 May 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

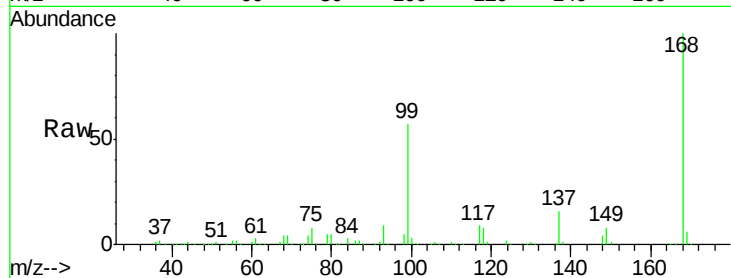
TP-GROUNDWATER

Tot Ion:168 Resp: 194788

Ion Ratio Lower Upper

168 100

99 57.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

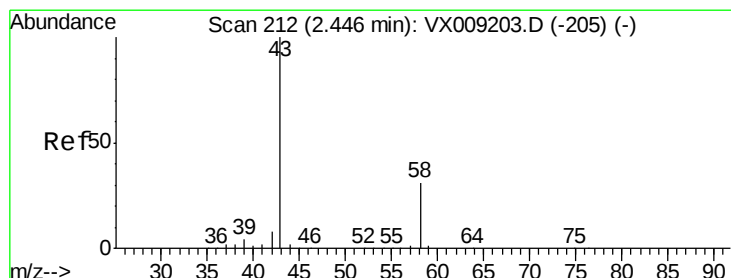
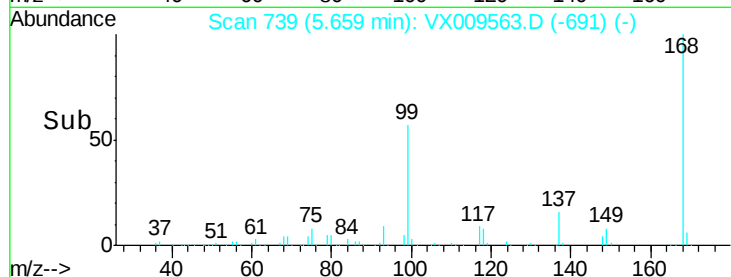
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.305 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009563.D

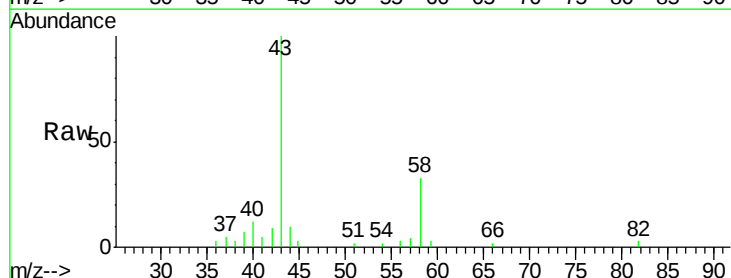
Acq: 14 May 2019 15:40

Tgt Ion: 43 Resp: 4719

Ion Ratio Lower Upper

43 100

58 32.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

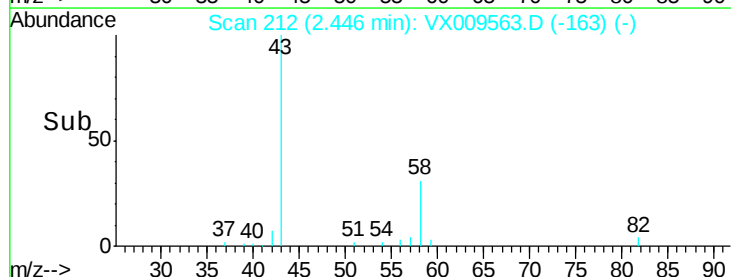
1500

1000

500

0

Time--> 2.40 2.50

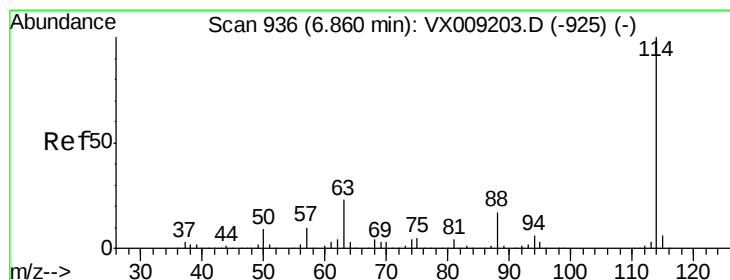
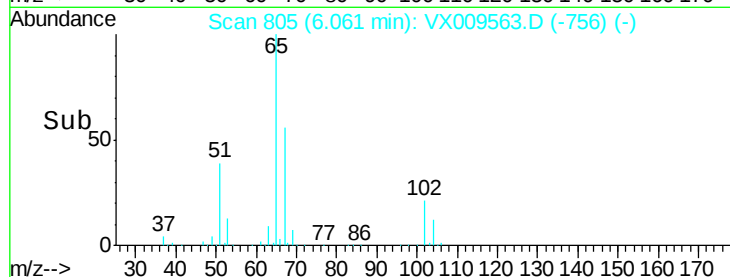
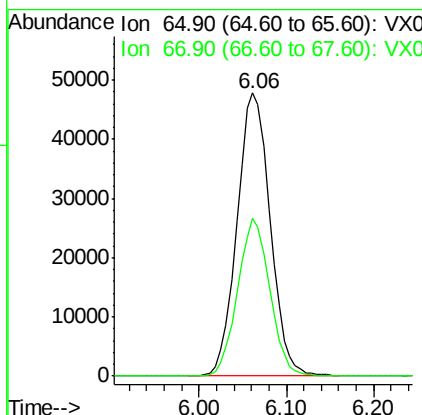
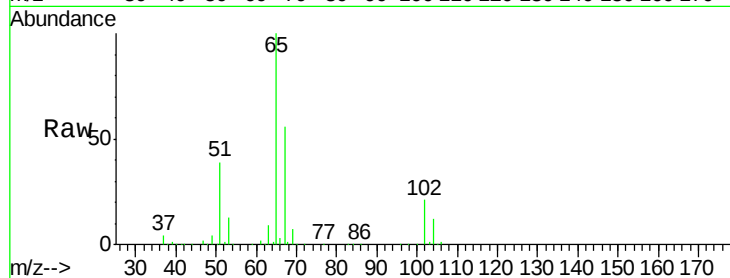




#33
 1,2-Dichloroethane-d4
 Concen: 47.535 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009563.D
 Acq: 14 May 2019 15:40

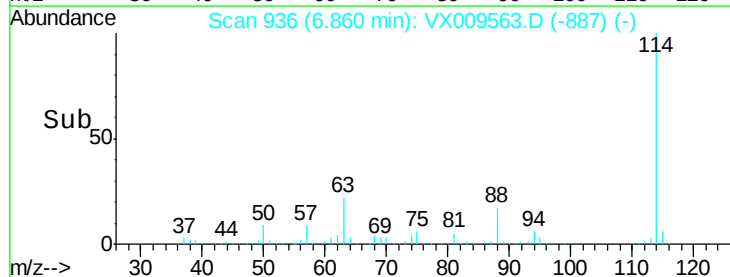
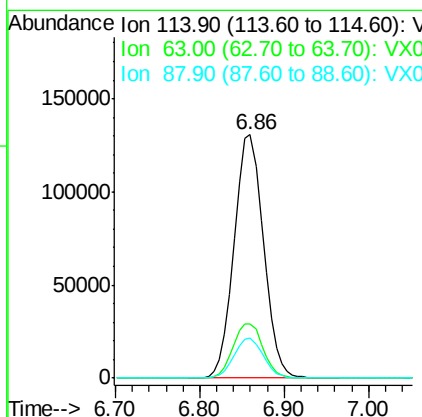
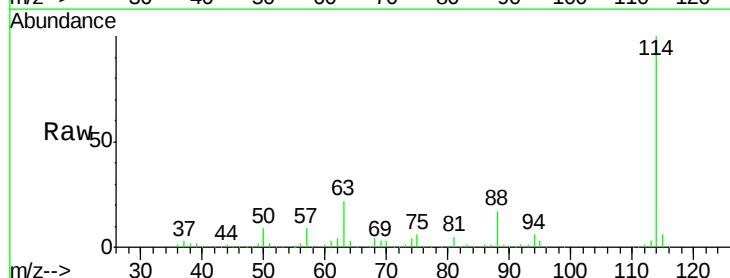
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-GROUNDWATER

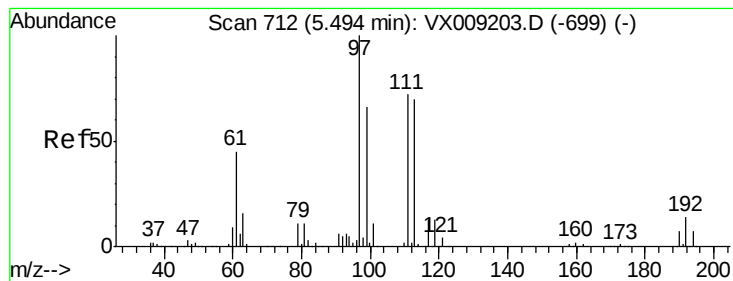
Tot Ion: 65 Resp: 126401
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009563.D
 Acq: 14 May 2019 15:40

Tgt Ion: 114 Resp: 308680
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.6
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.602 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009563.D

Acq: 14 May 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER

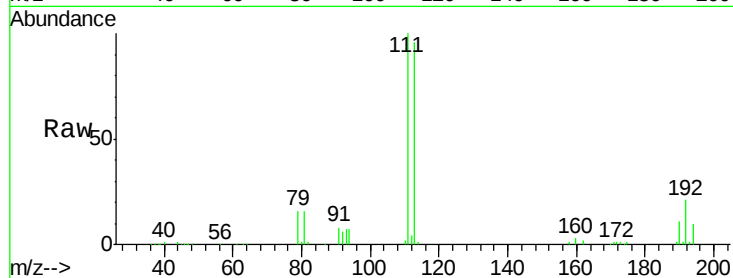
Tot Ion:113 Resp: 92371

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

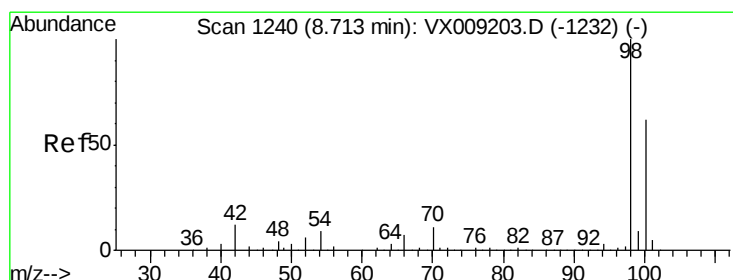
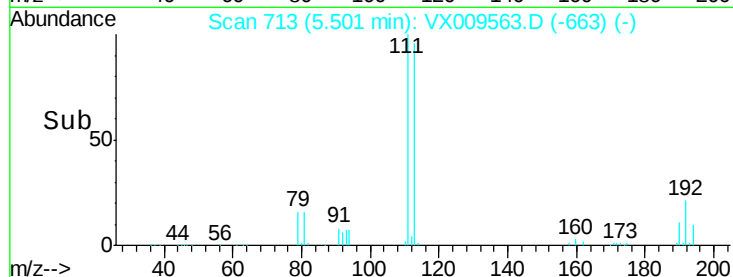
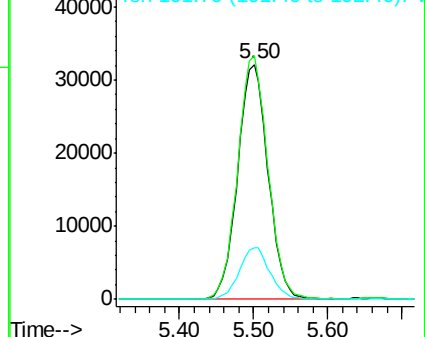
192 22.2 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.168 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009563.D

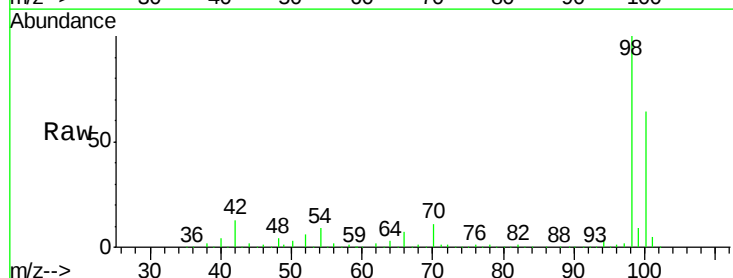
Acq: 14 May 2019 15:40

Tgt Ion: 98 Resp: 385195

Ion Ratio Lower Upper

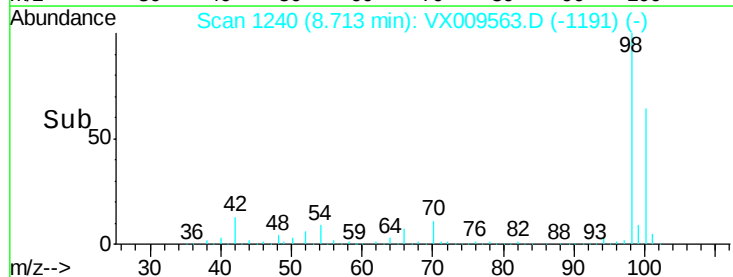
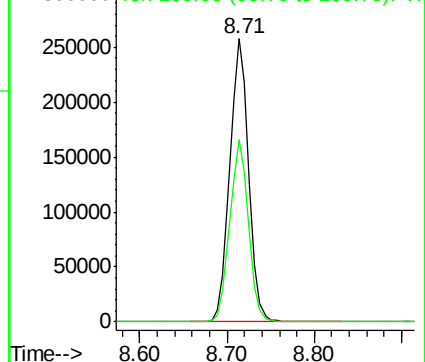
98 100

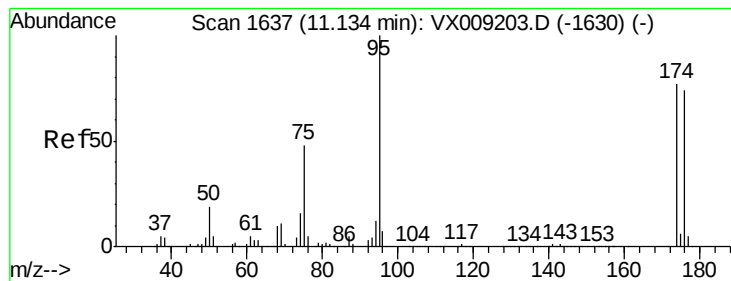
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.960 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009563.D

Acq: 14 May 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER

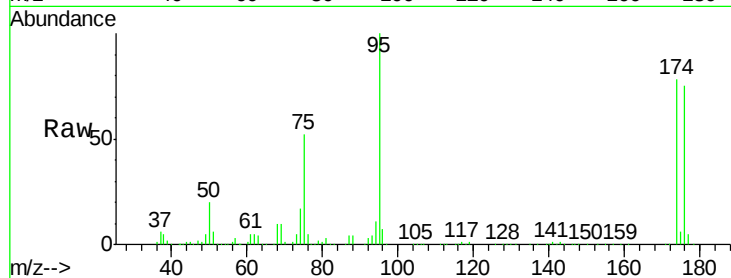
Tot Ion: 95 Resp: 125139

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

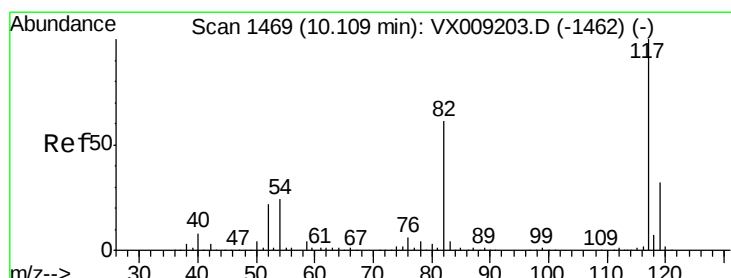
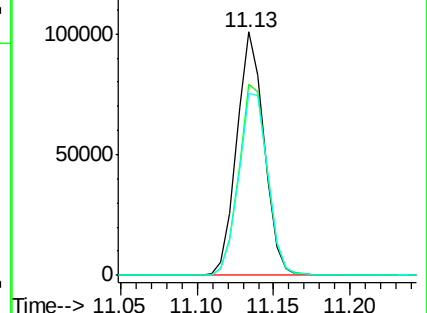
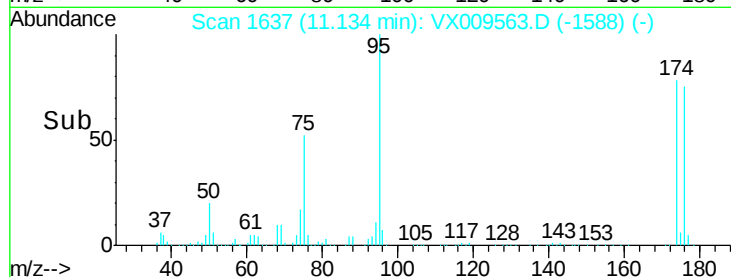
176 79.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009563.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009563.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009563.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009563.D

Acq: 14 May 2019 15:40

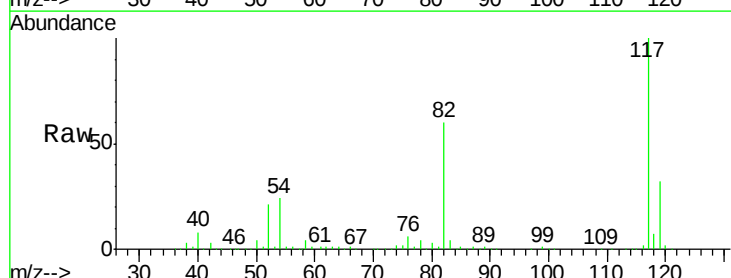
Tgt Ion: 117 Resp: 268296

Ion Ratio Lower Upper

117 100

82 59.7 48.8 73.2

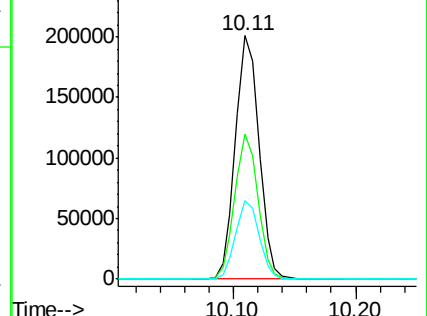
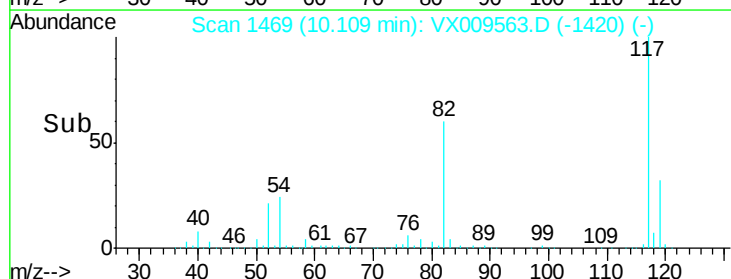
119 32.3 25.8 38.6

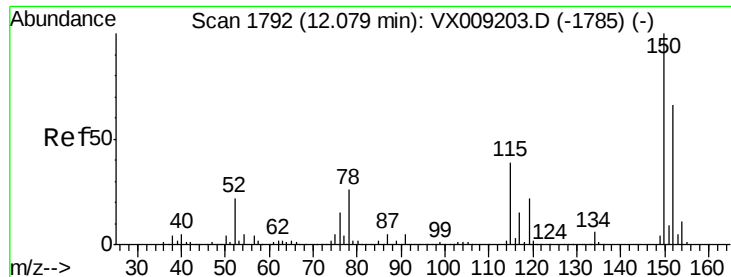


Abundance Ion 116.90 (116.60 to 117.60): VX009563.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009563.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009563.D (-1420) (-)

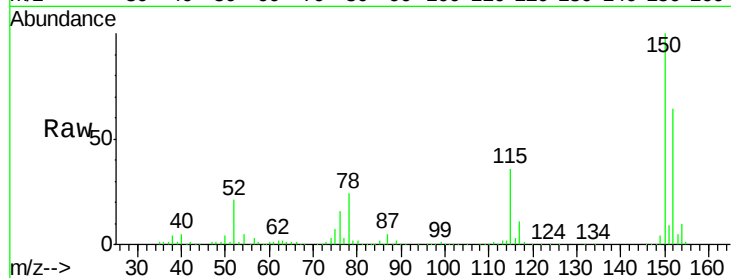




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009563.D
 Acq: 14 May 2019 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-GROUNDWATER

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.2	123.6
150	158.9	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

