

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005836.D
 Acq On : 07 Nov 2018 19:04
 Operator : JC/MD
 Sample : J5858-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9-GW

Quant Time: Nov 08 08:09:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

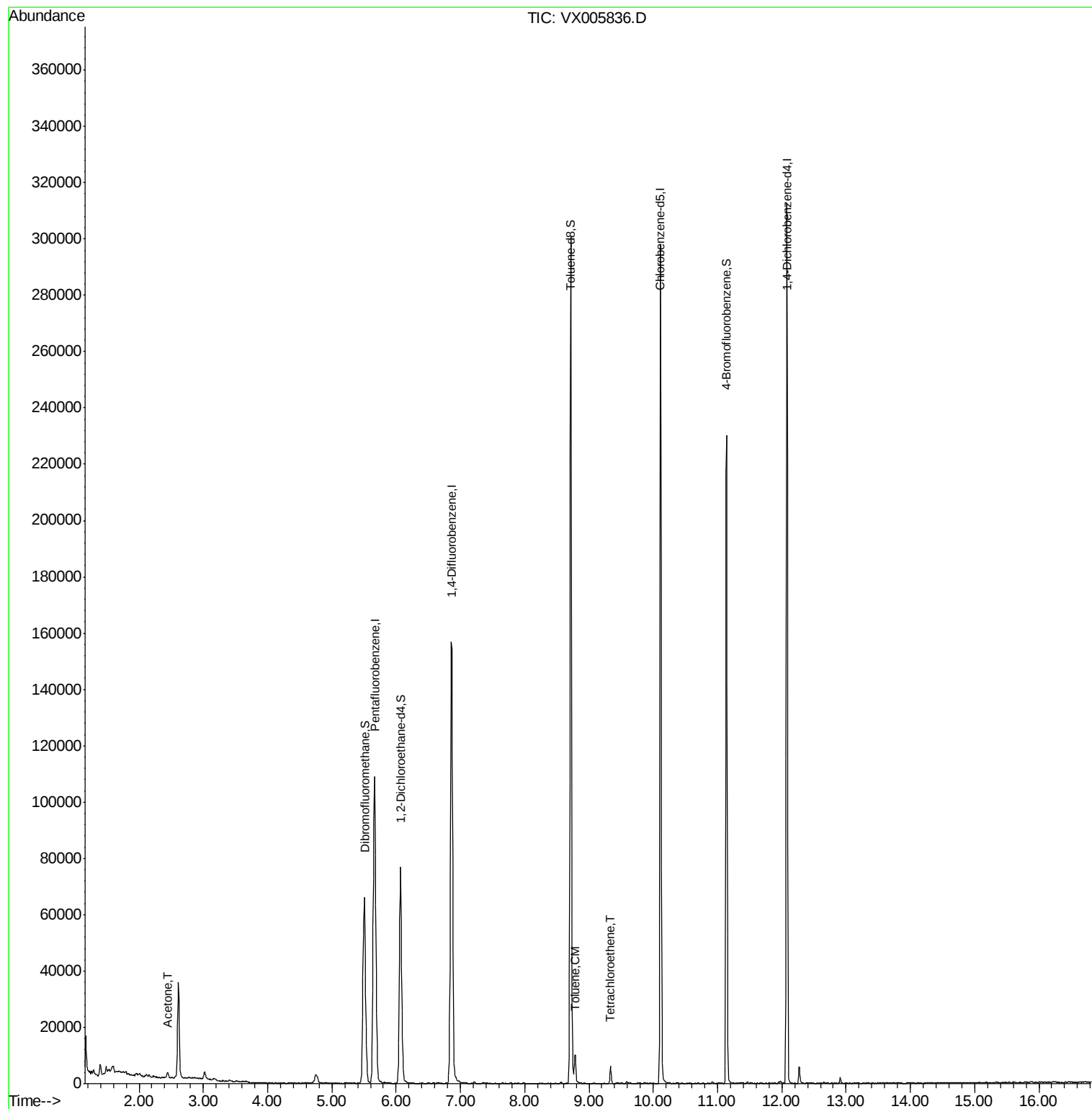
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	111054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	156491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	140574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	64860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70523	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	5.51	113	56314	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
50) Toluene-d8	8.71	98	176055	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	59171	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
Target Compounds						
16) Acetone	2.45	43	2317	3.371	ug/l	92
52) Toluene	8.79	92	3215	1.308	ug/l	100
64) Tetrachloroethene	9.34	164	1302	1.088	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

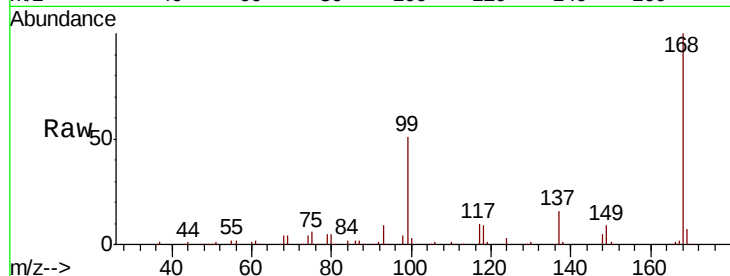
SB-9-GW

Tot Ion:168 Resp: 111054

Ion Ratio Lower Upper

168 100

99 51.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

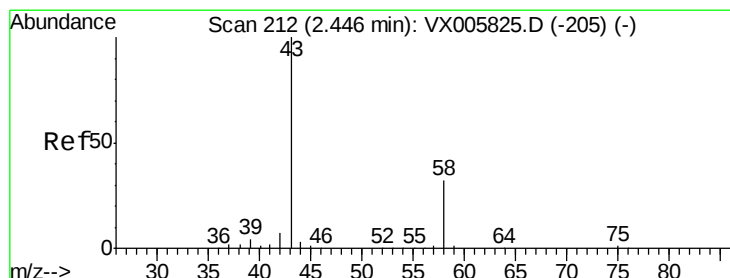
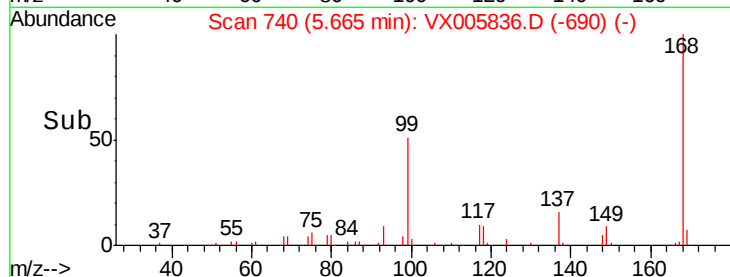
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.371 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005836.D

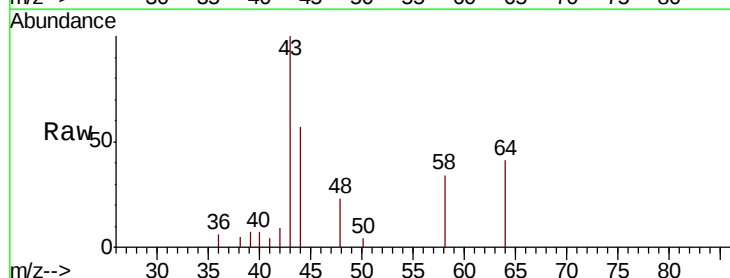
Acq: 07 Nov 2018 19:04

Tgt Ion: 43 Resp: 2317

Ion Ratio Lower Upper

43 100

58 33.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

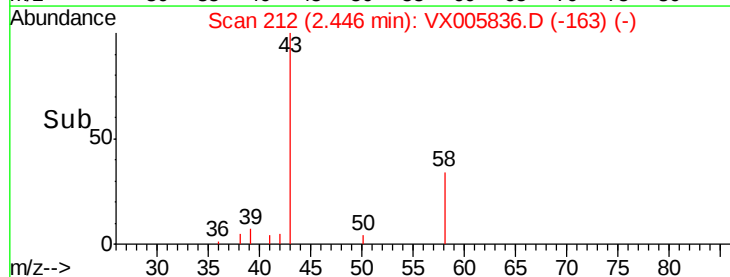
1500

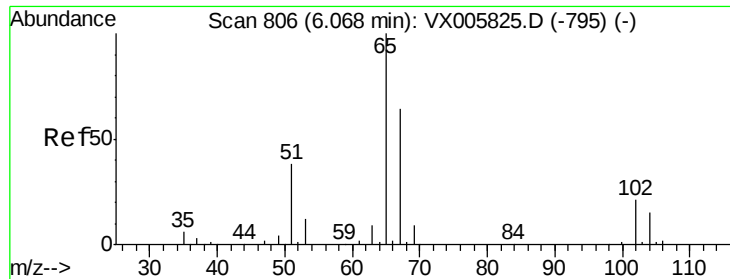
1000

500

0

Time--> 2.35 2.40 2.45 2.50

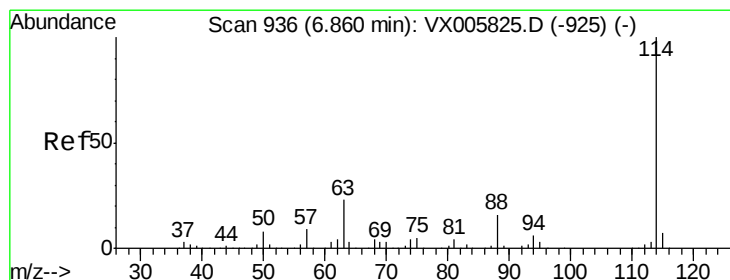
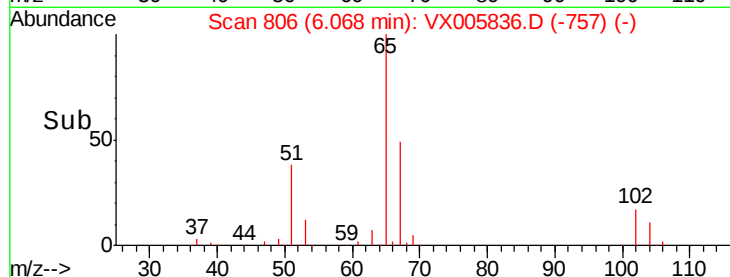
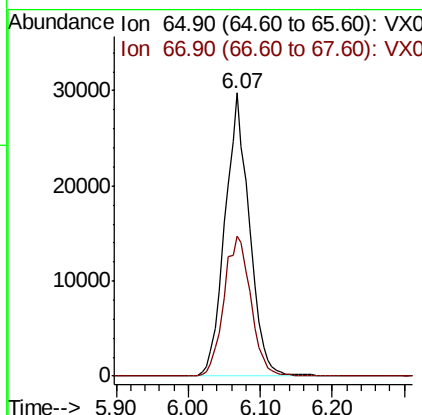
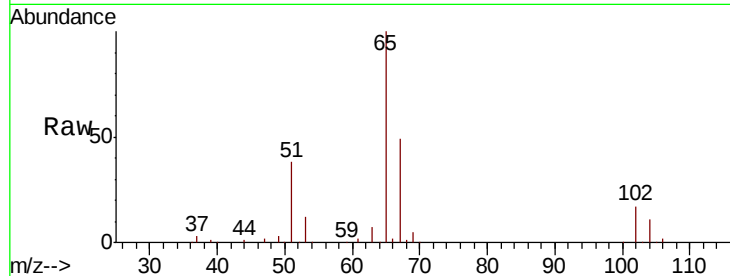




#33
 1,2-Dichloroethane-d4
 Concen: 55.238 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

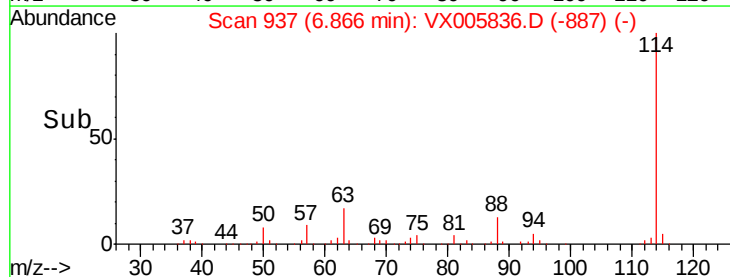
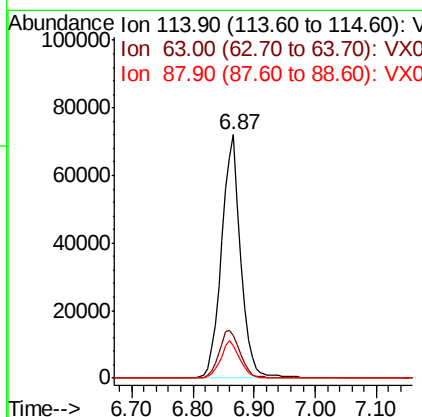
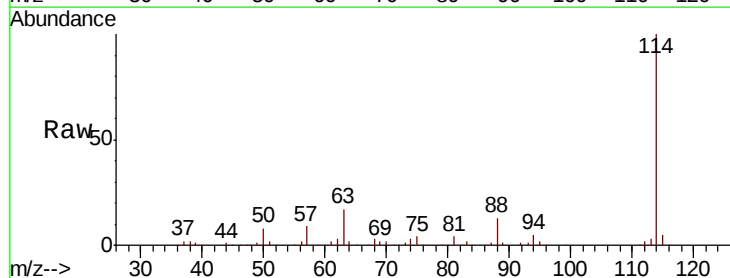
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9-GW

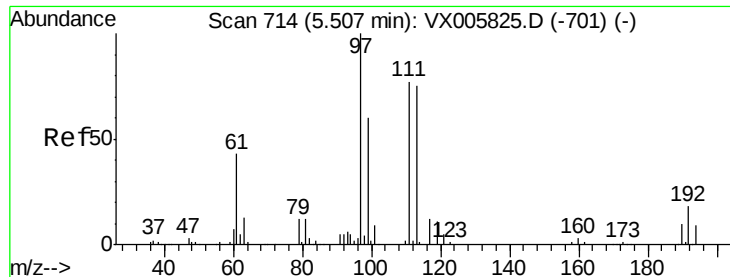
Tot Ion: 65 Resp: 70523
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Tgt Ion: 114 Resp: 156491
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 42.8
 88 13.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.908 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

SB-9-GW

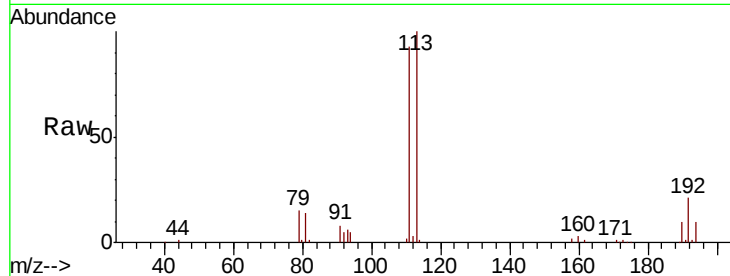
Tot Ion:113 Resp: 56314

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

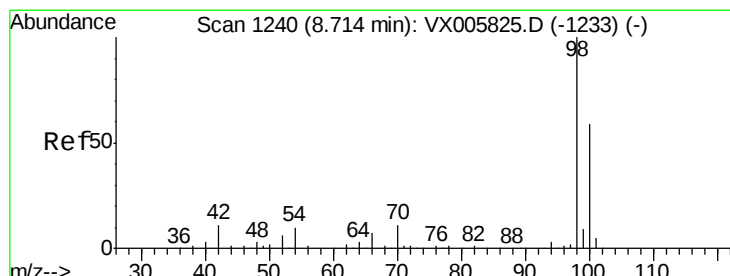
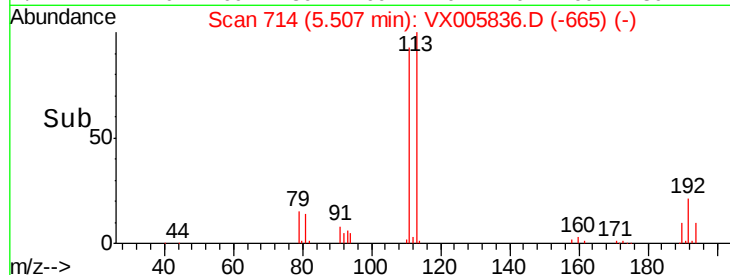
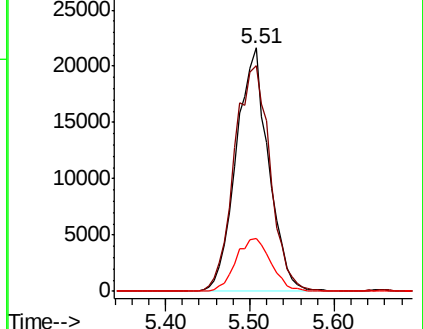
192 23.4 17.9 26.9



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: 49.753 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005836.D

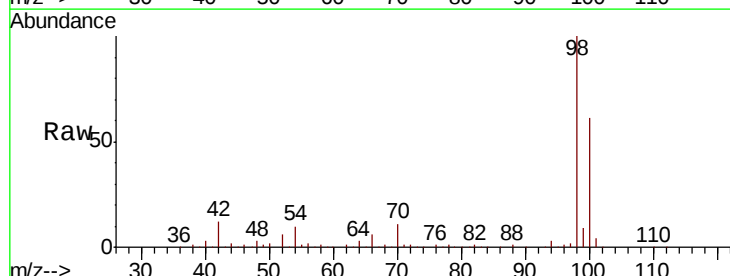
Acq: 07 Nov 2018 19:04

Tgt Ion: 98 Resp: 176055

Ion Ratio Lower Upper

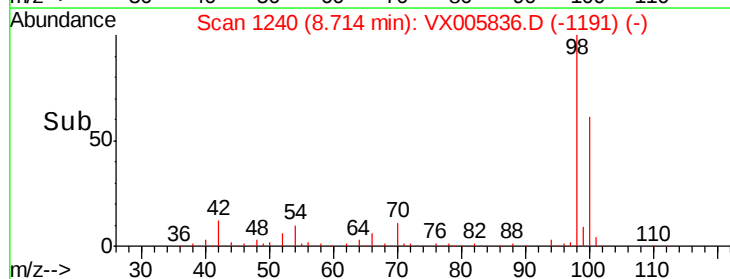
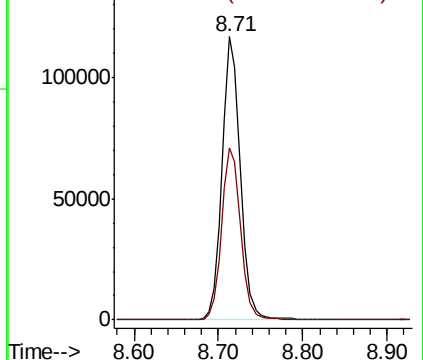
98 100

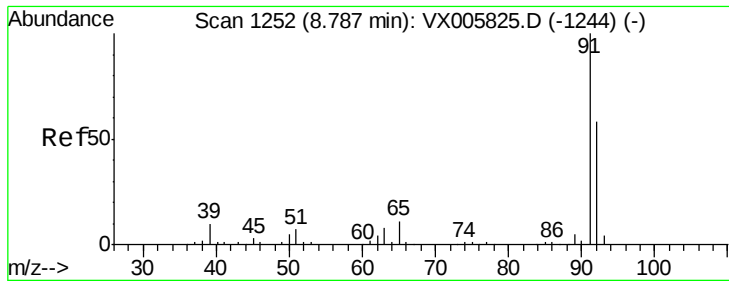
100 63.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.308 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

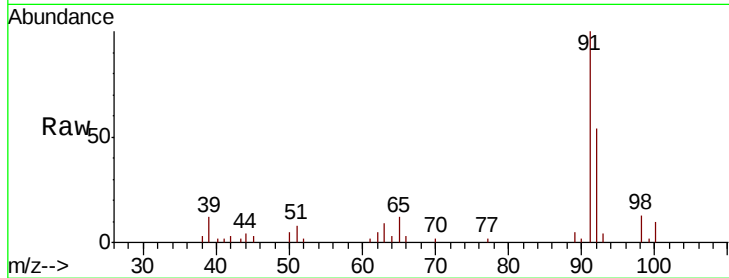
SB-9-GW

Tot Ion: 92 Resp: 3215

Ion Ratio Lower Upper

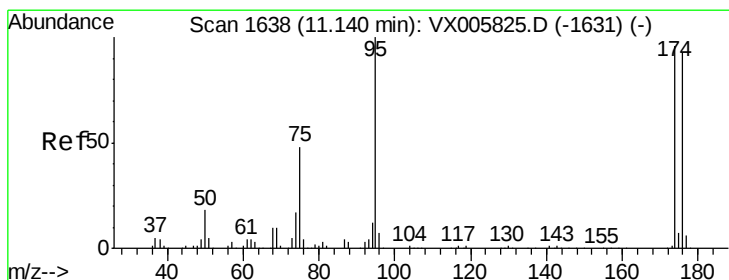
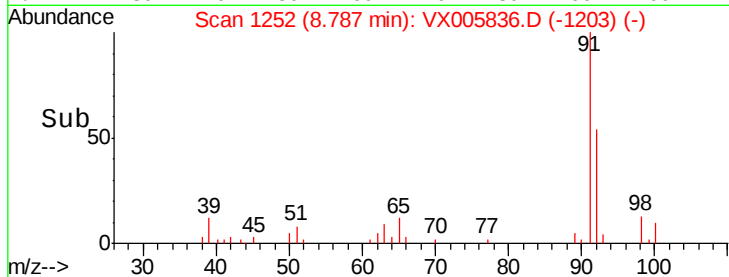
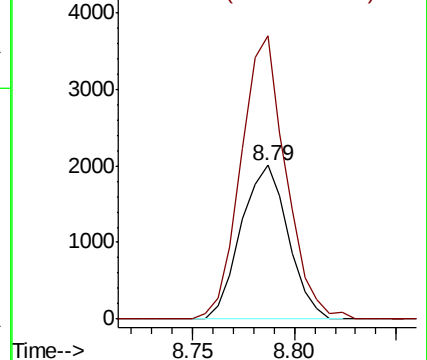
92 100

91 175.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.509 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005836.D

Acq: 07 Nov 2018 19:04

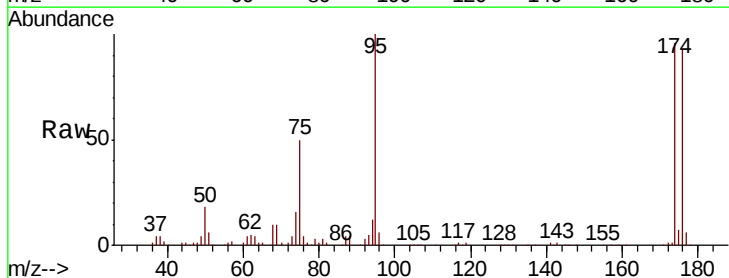
Tgt Ion: 95 Resp: 59171

Ion Ratio Lower Upper

95 100

174 91.2 0.0 184.4

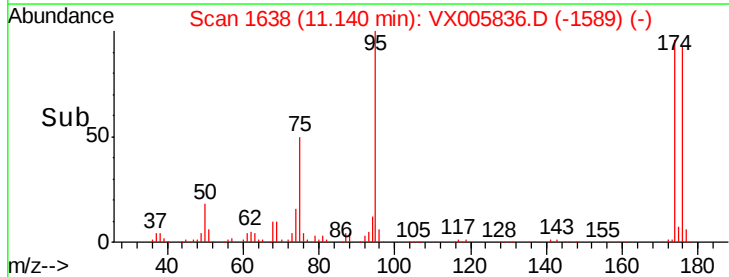
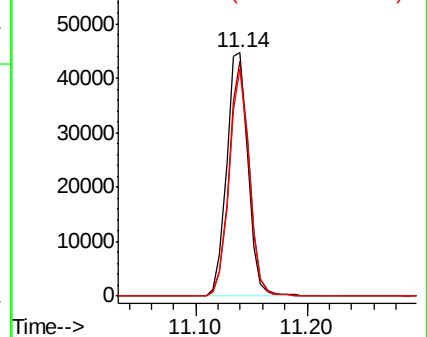
176 88.2 0.0 177.4

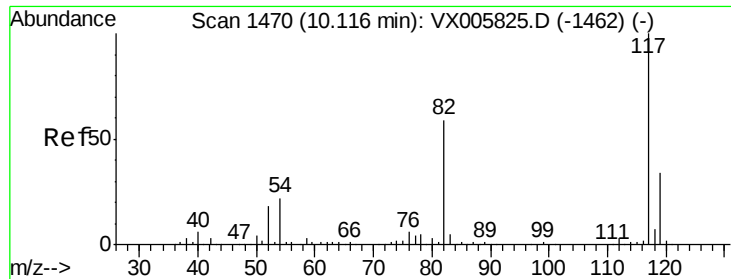


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

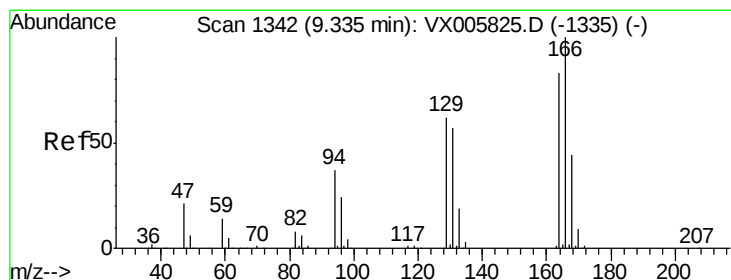
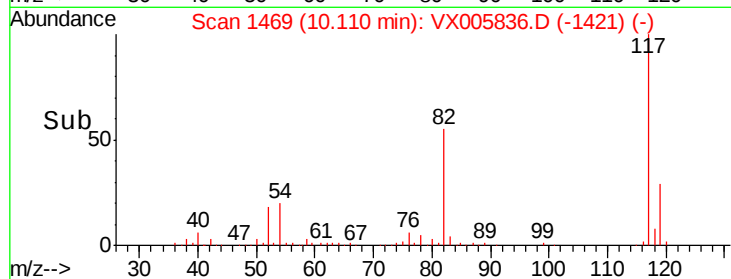
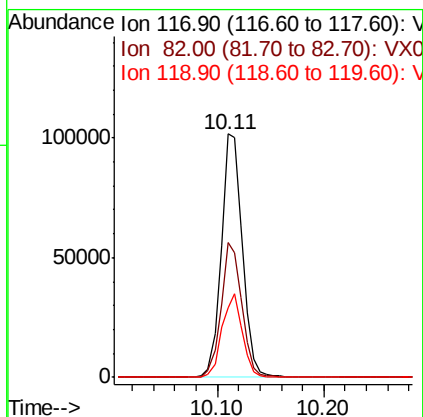
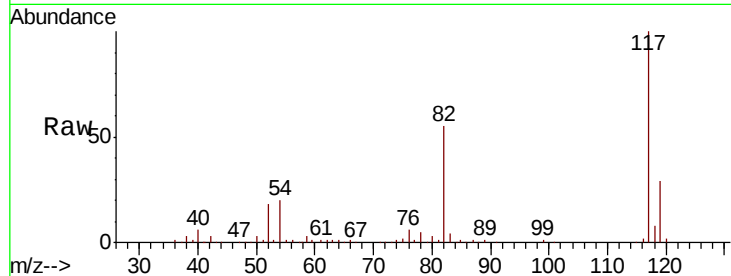




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX005836.D
Acq: 07 Nov 2018 19:04

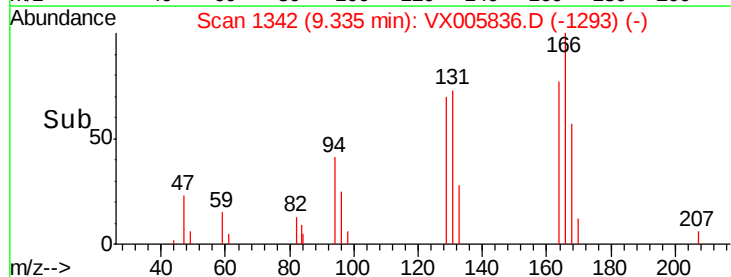
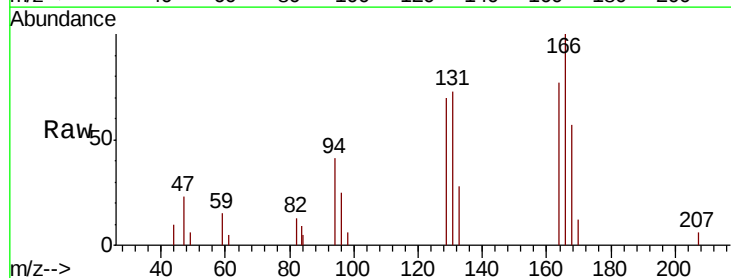
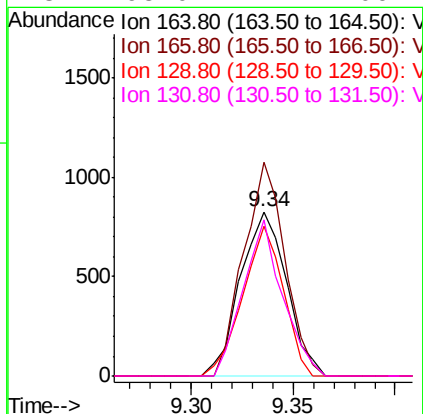
Instrument :
MSVOA_X
ClientSampled :
SB-9-GW

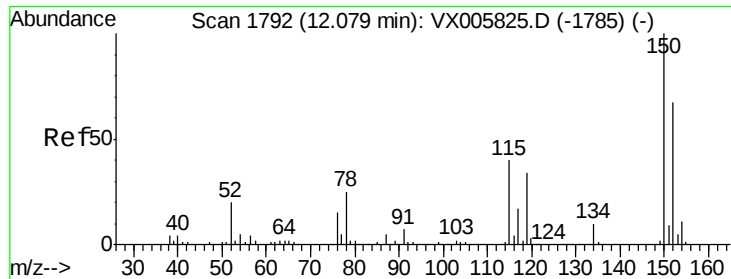
Tot Ion:117 Resp: 140574
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 28.6 26.2 39.2



#64
Tetrachloroethene
Concen: 1.088 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005836.D
Acq: 07 Nov 2018 19:04

Tgt Ion:164 Resp: 1302
Ion Ratio Lower Upper
164 100
166 130.0 101.9 152.9
129 90.8 72.6 109.0
131 95.0 71.1 106.7

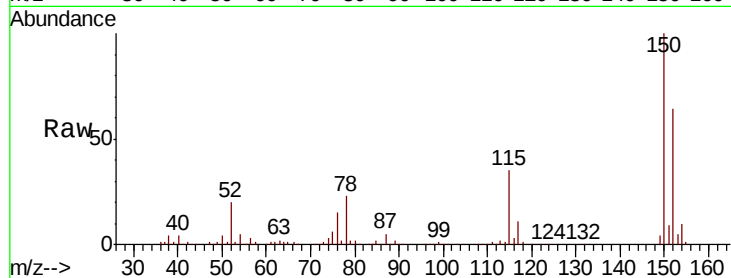




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005836.D
 Acq: 07 Nov 2018 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9-GW

Tot Ion:152 Resp: 64860
 Ion Ratio Lower Upper
 152 100
 115 55.9 39.4 118.1
 150 157.2 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

