

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002613.D
 Acq On : 15 Jun 2018 22:49
 Operator : JC/MD
 Sample : J3516-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW

Quant Time: Jun 16 11:38:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	291860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155393	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	141670	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
35) Dibromofluoromethane	5.51	113	106476	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	8.72	98	420761	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.14	95	146853	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	

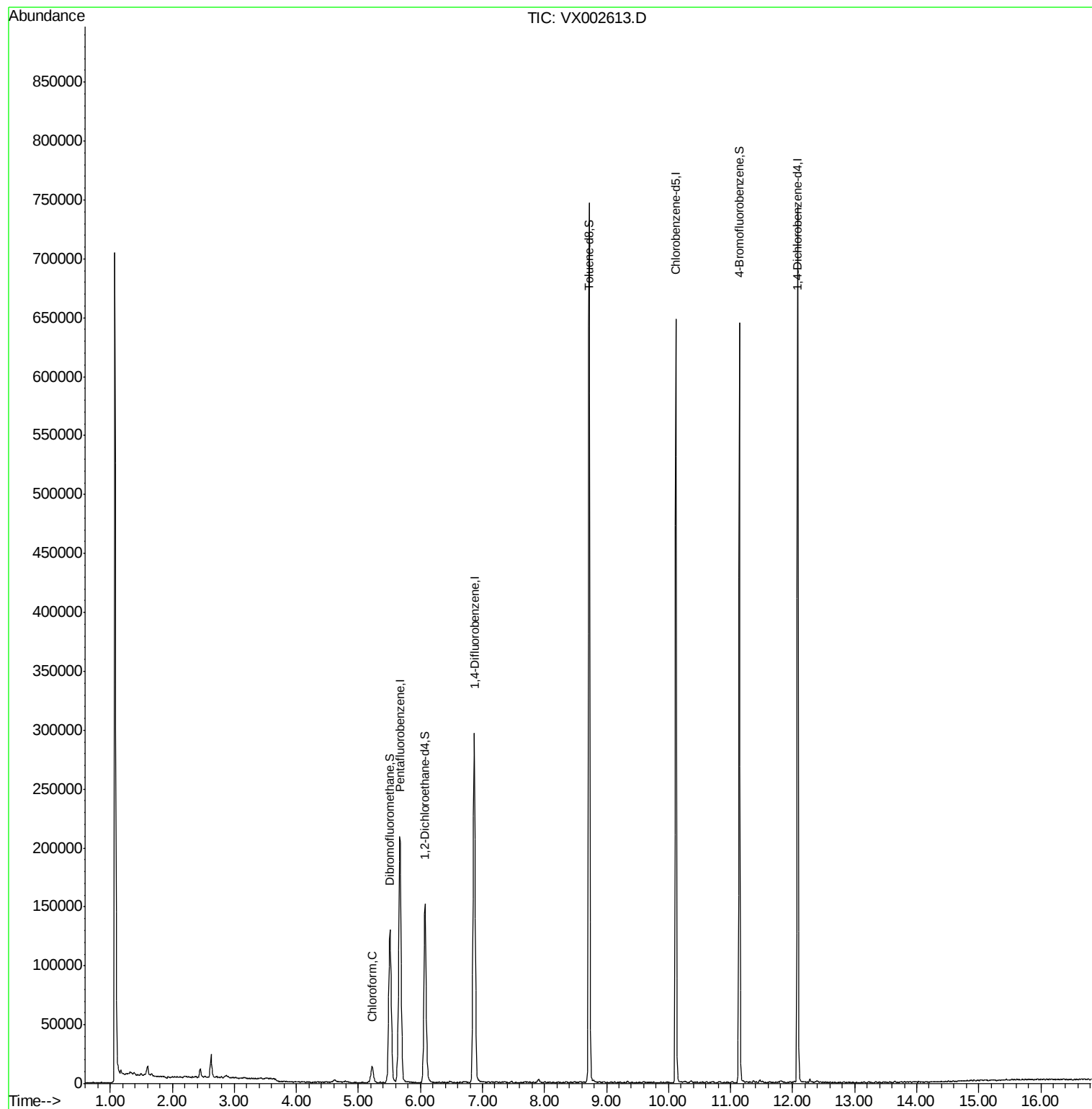
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	5.21	83	14862	3.47	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

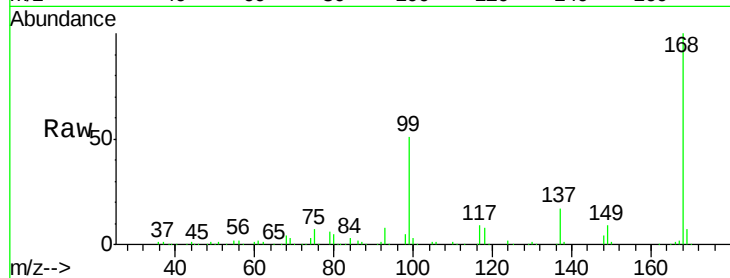
IDW

Tot Ion:168 Resp: 203975

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

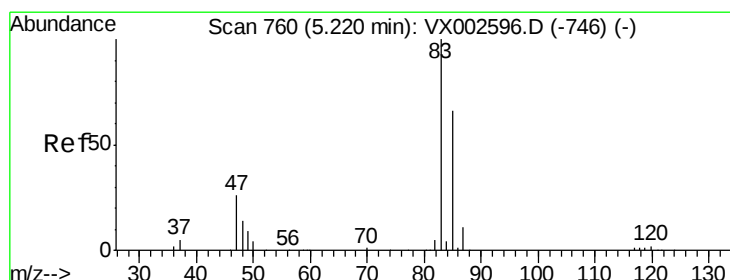
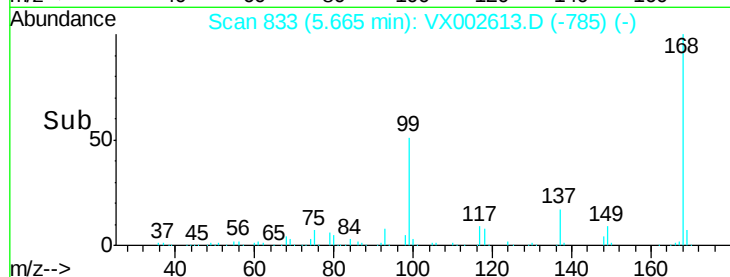
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 3.47 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002613.D

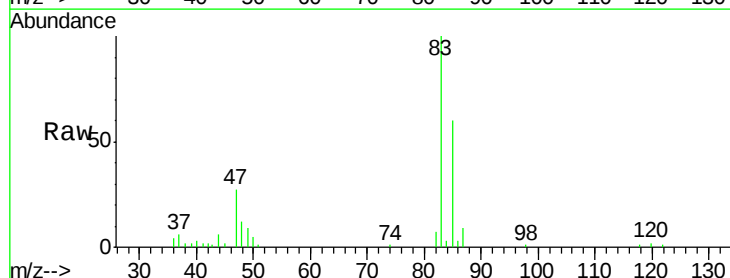
Acq: 15 Jun 2018 22:49

Tgt Ion: 83 Resp: 14862

Ion Ratio Lower Upper

83 100

85 60.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

6000

5000

4000

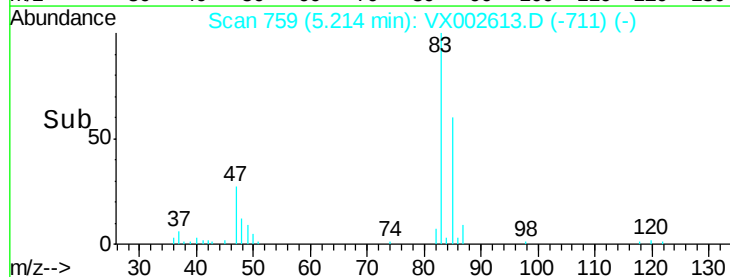
3000

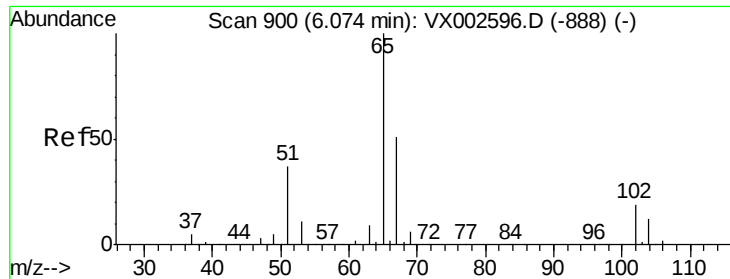
2000

1000

0

Time--> 5.10 5.20 5.30





#33

1,2-Dichloroethane-d4

Concen: 45.70 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002613.D

Acq: 15 Jun 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

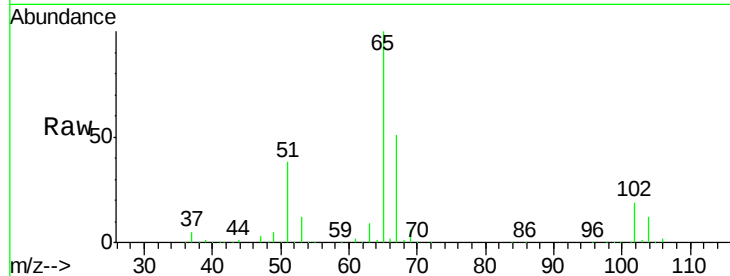
IDW

Tot Ion: 65 Resp: 141670

Ion Ratio Lower Upper

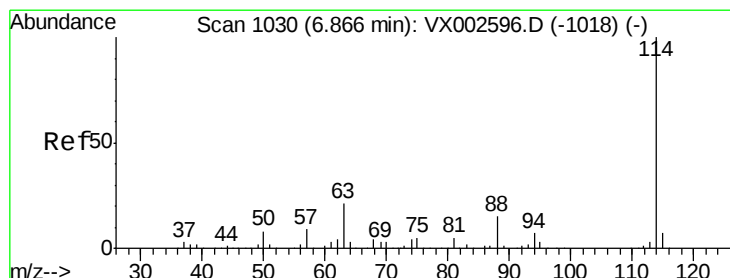
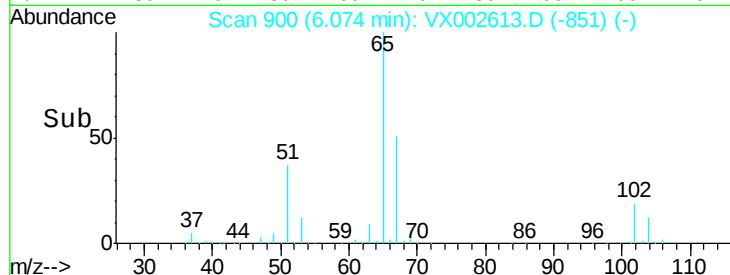
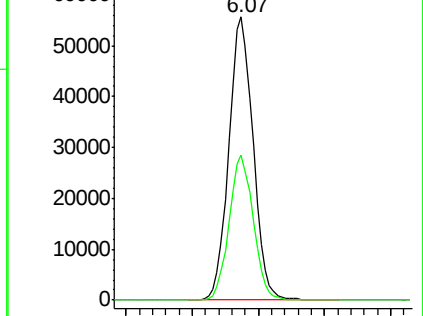
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002613.D

Acq: 15 Jun 2018 22:49

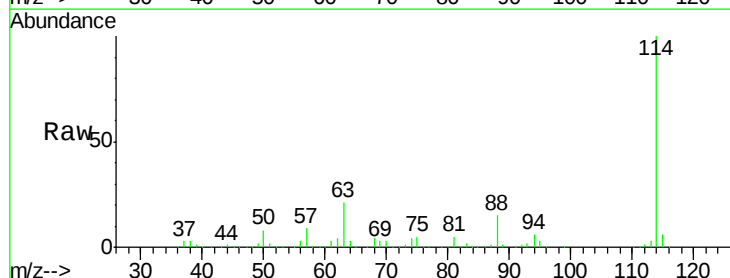
Tgt Ion: 114 Resp: 291860

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

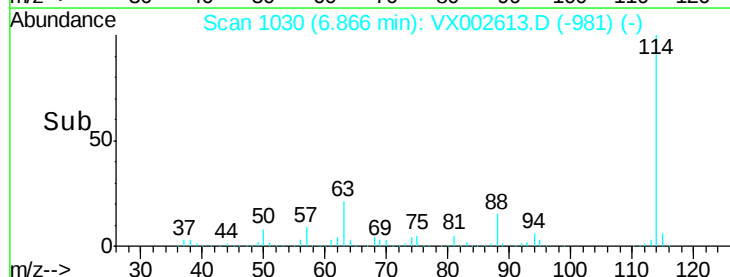
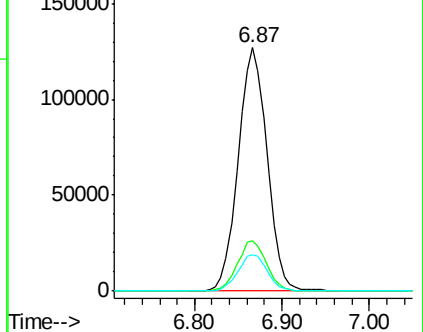
88 14.9 0.0 30.0

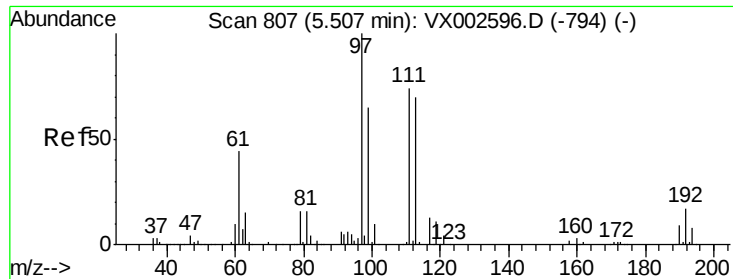


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

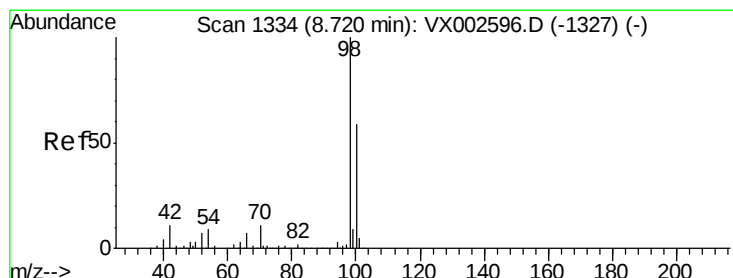
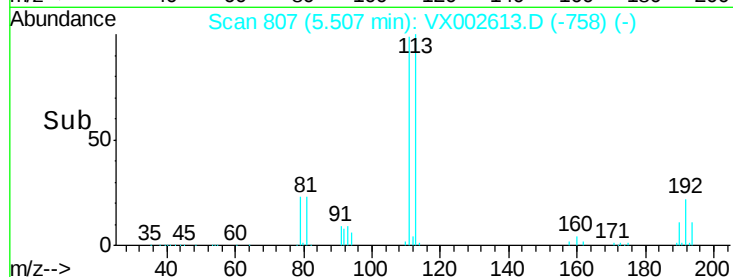
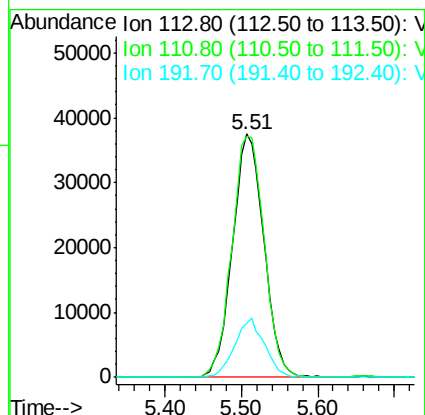
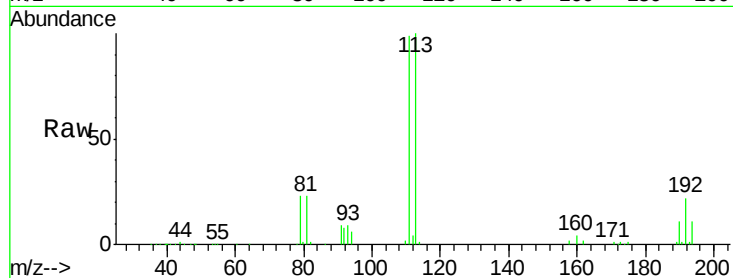




#35
 Dibromofluoromethane
 Concen: 45.71 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002613.D
 Acq: 15 Jun 2018 22:49

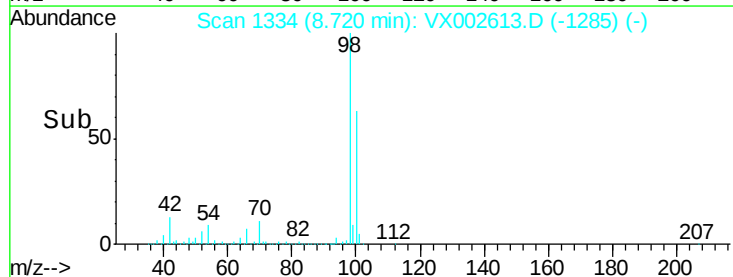
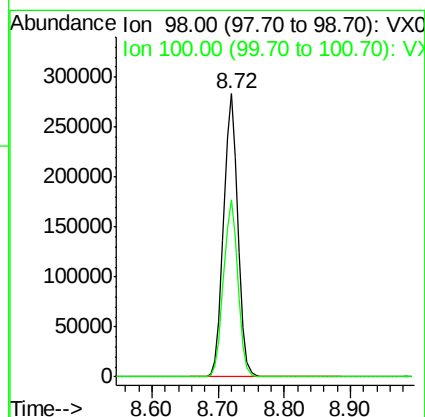
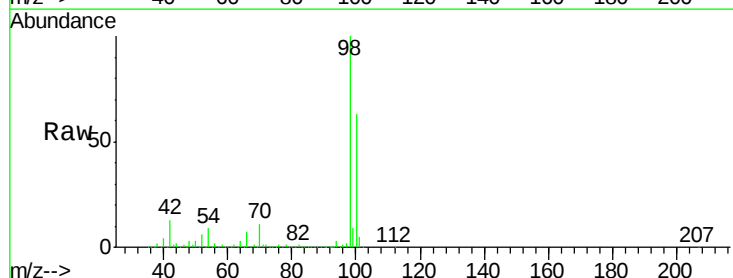
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW

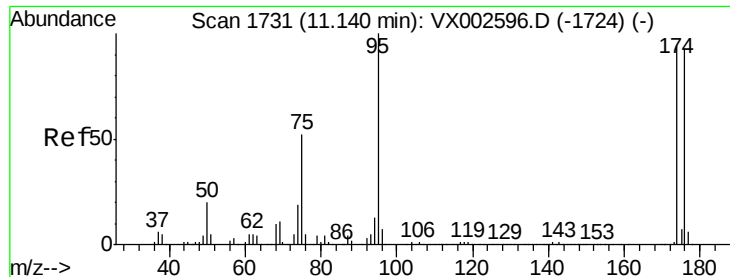
Tot Ion:113 Resp: 106476
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 23.1 19.1 28.7



#50
 Toluene-d8
 Concen: 47.57 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002613.D
 Acq: 15 Jun 2018 22:49

Tgt Ion: 98 Resp: 420761
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.9 76.3

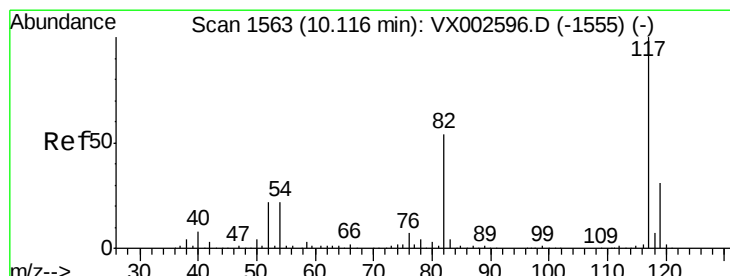
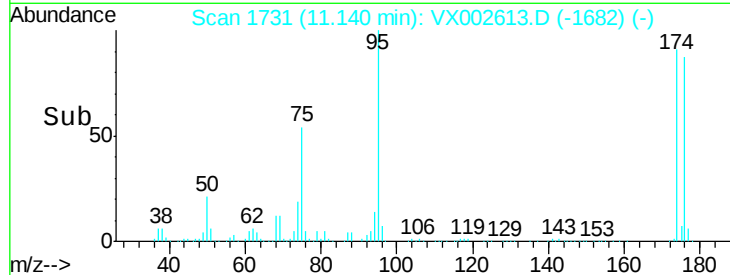
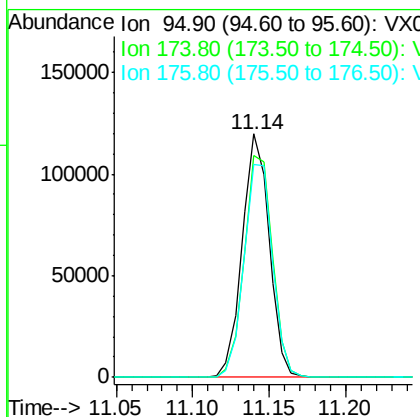
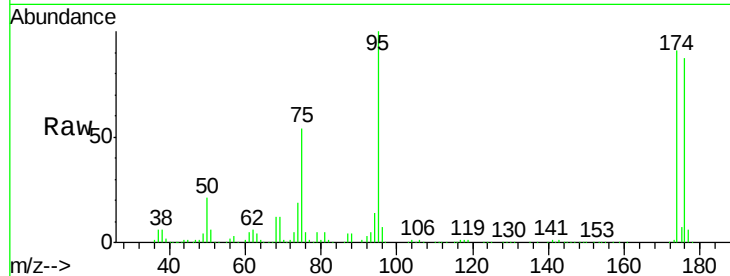




#62
4-Bromofluorobenzene
Concen: 43.82 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002613.D
Acq: 15 Jun 2018 22:49

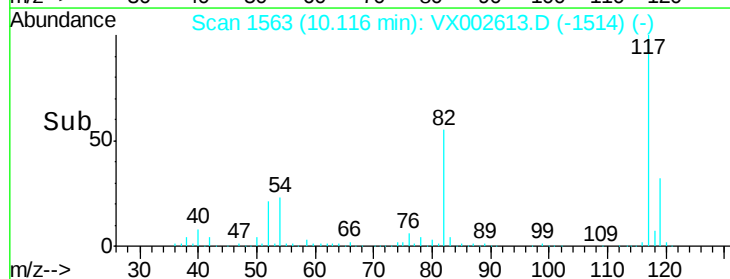
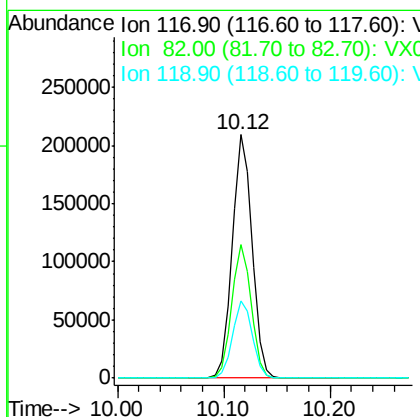
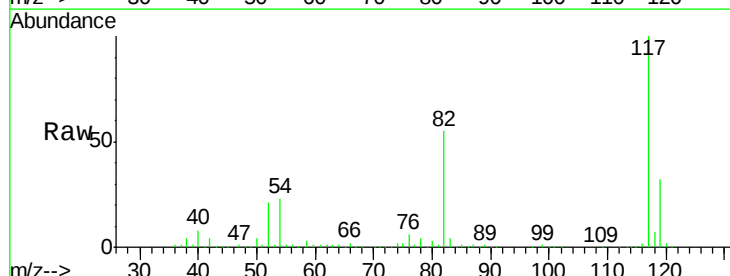
Instrument :
MSVOA_X
ClientSampled :
IDW

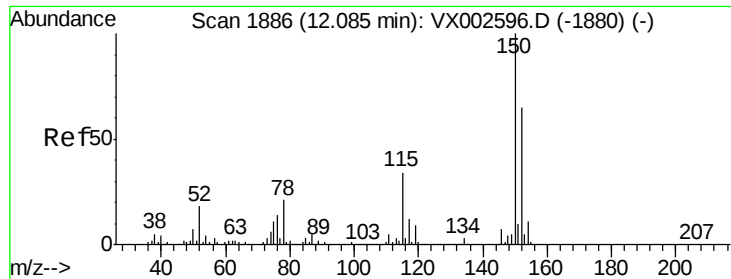
Tot Ion: 95 Resp: 146853
Ion Ratio Lower Upper
95 100
174 95.6 0.0 187.4
176 92.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002613.D
Acq: 15 Jun 2018 22:49

Tgt Ion: 117 Resp: 274245
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002613.D

Acq: 15 Jun 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

IDW

Tot Ion:152 Resp: 155393

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 156.8 0.0 347.2

