

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003083.D
 Acq On : 30 Jun 2018 17:10
 Operator : JC/MD
 Sample : J3716-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0038

Quant Time: Jul 02 03:46:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194738	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	173303	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	5.51	113	142917	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.72	98	515162	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.14	95	181903	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	

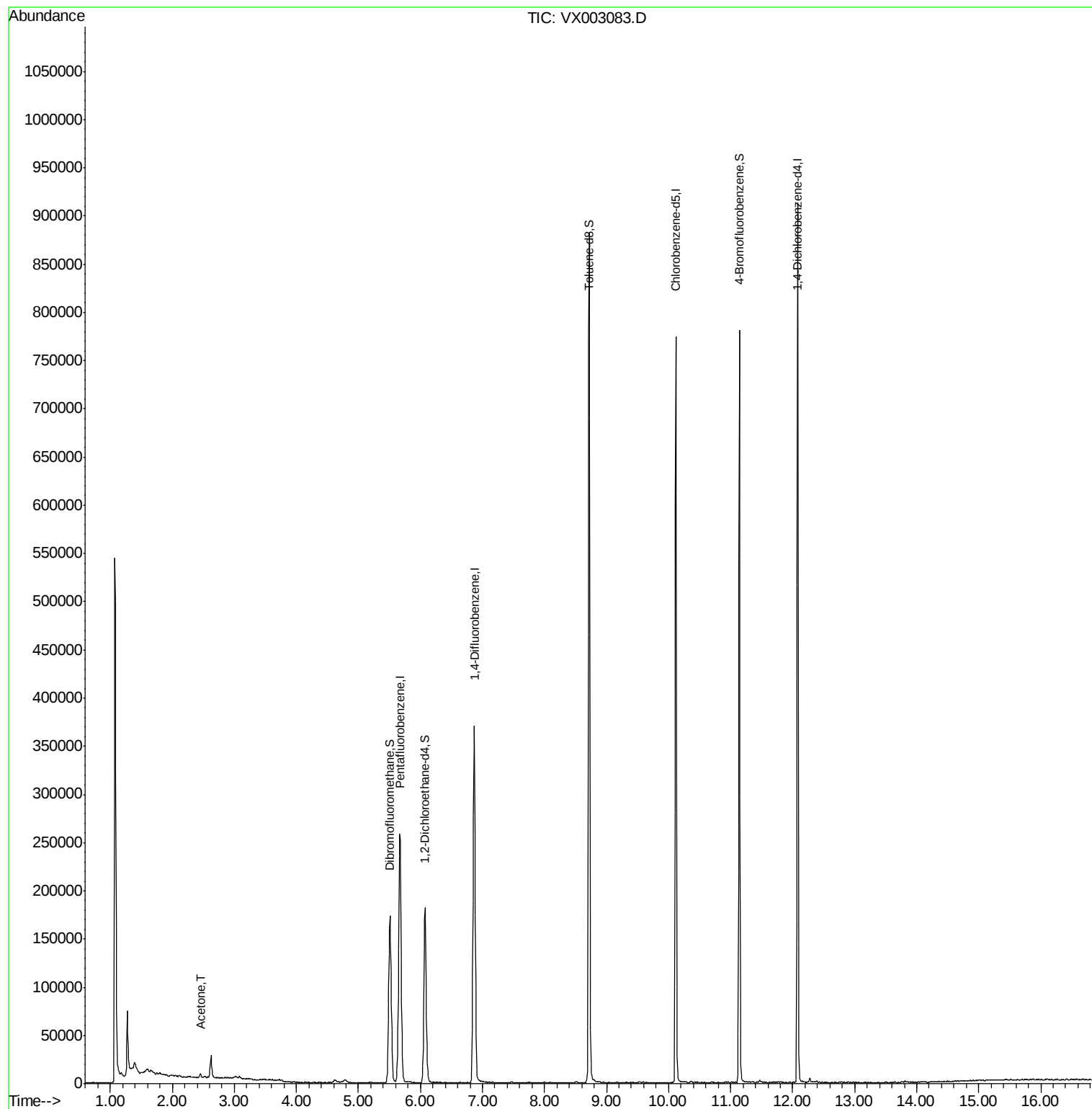
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	4842	3.19	ug/l	94

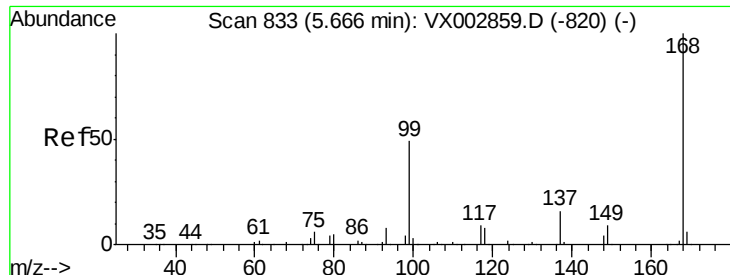
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003083.D

Acq: 30 Jun 2018 17:10

Instrument :

MSVOA_X

ClientSampleId :

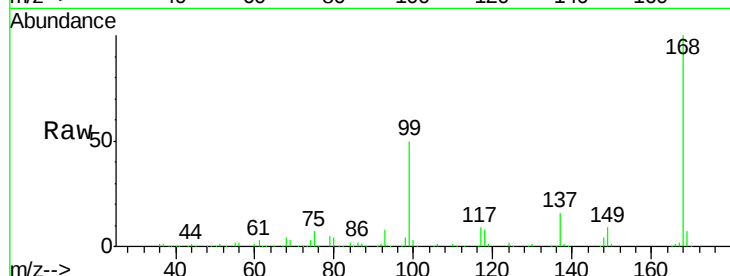
S22-0038

Tot Ion:168 Resp: 265286

Ion Ratio Lower Upper

168 100

99 50.3 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

100000

80000

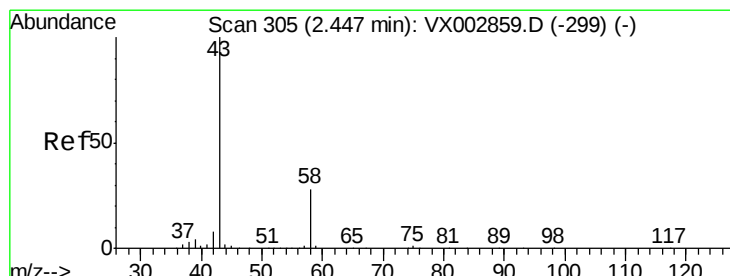
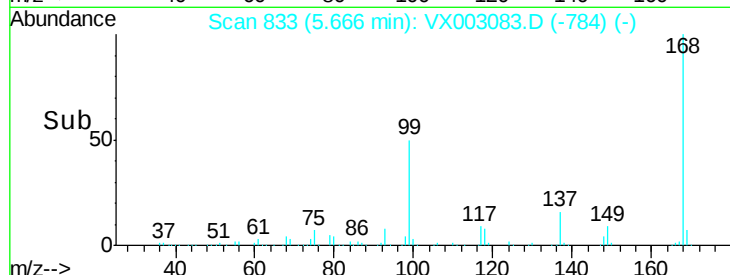
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.19 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003083.D

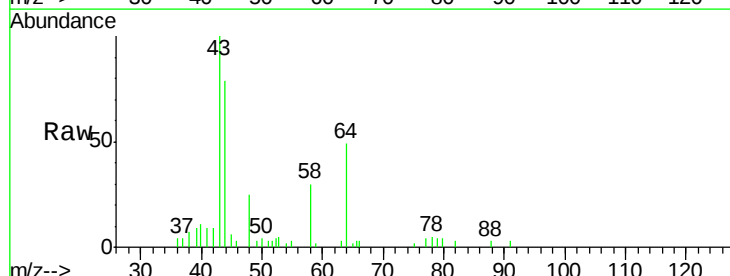
Acq: 30 Jun 2018 17:10

Tgt Ion: 43 Resp: 4842

Ion Ratio Lower Upper

43 100

58 30.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

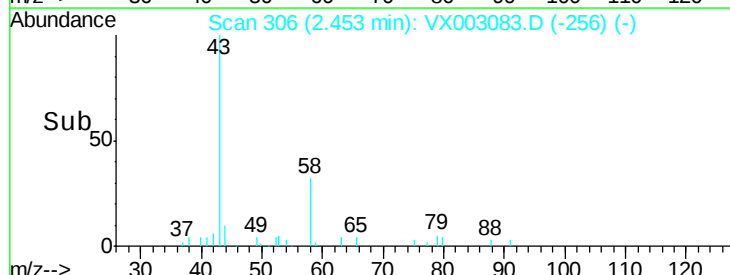
1500

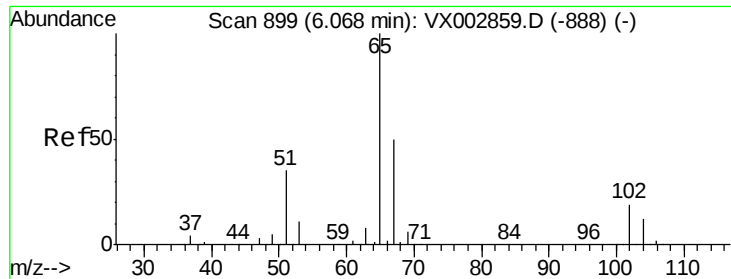
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

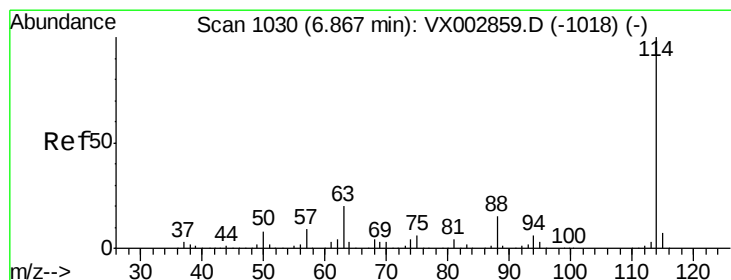
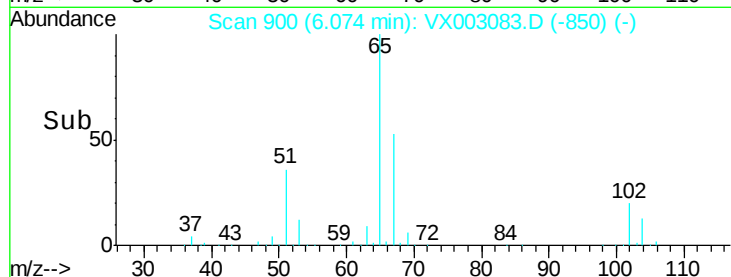
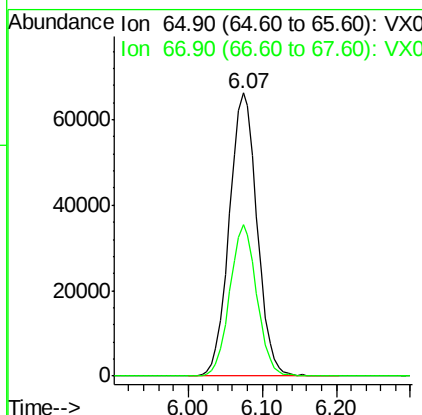
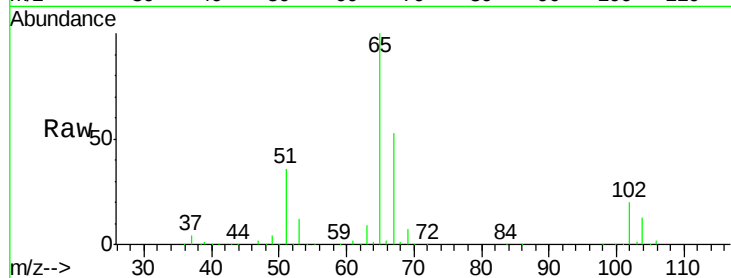




#33
 1,2-Dichloroethane-d4
 Concen: 47.26 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003083.D
 Acq: 30 Jun 2018 17:10

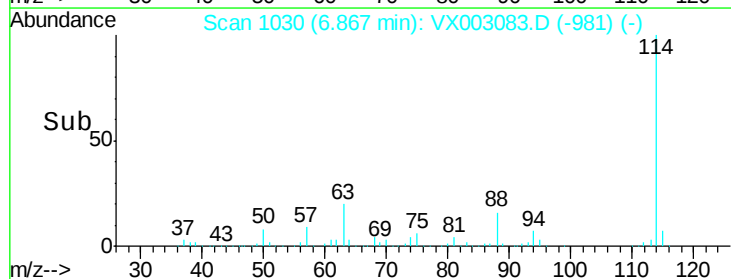
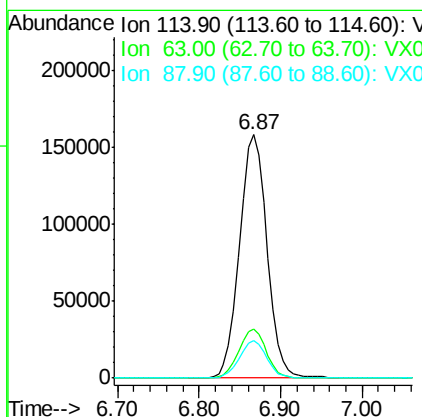
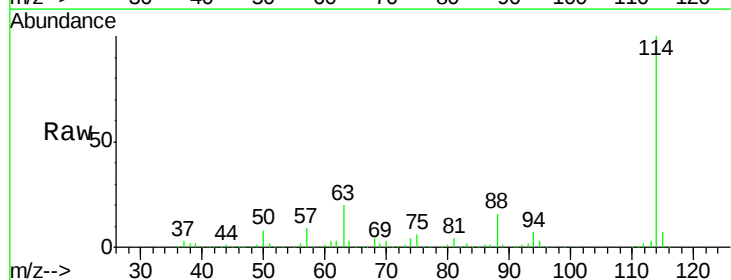
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0038

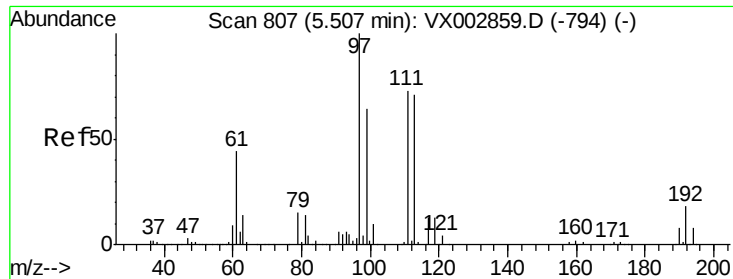
Tot Ion: 65 Resp: 173303
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003083.D
 Acq: 30 Jun 2018 17:10

Tgt Ion: 114 Resp: 369621
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.6 0.0 30.0

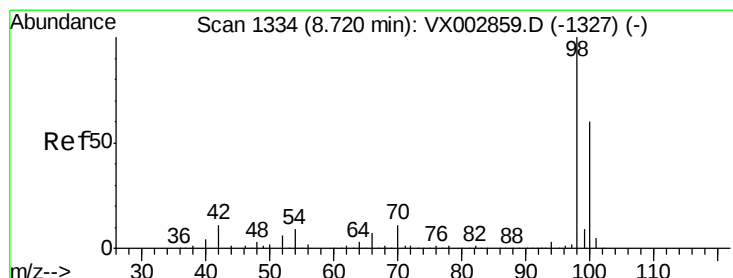
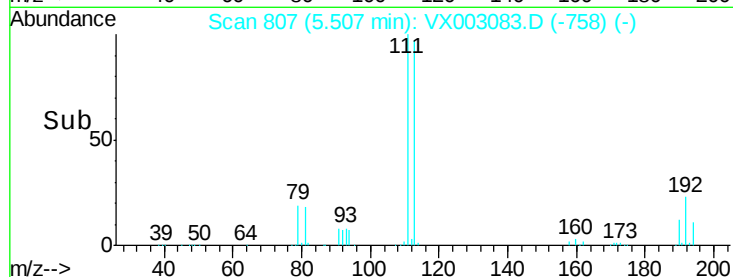
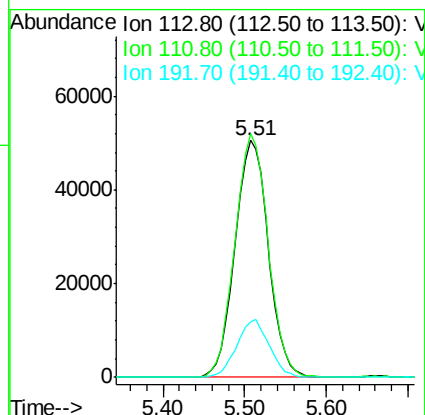
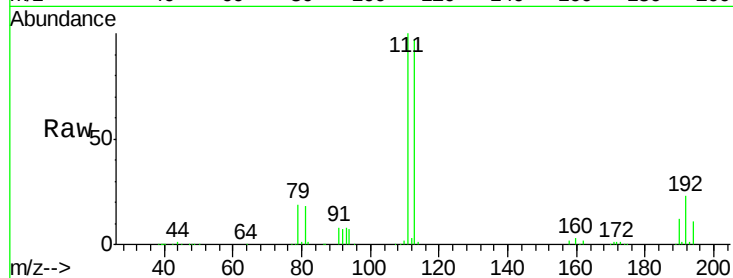




#35
Dibromofluoromethane
Concen: 48.83 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003083.D
Acq: 30 Jun 2018 17:10

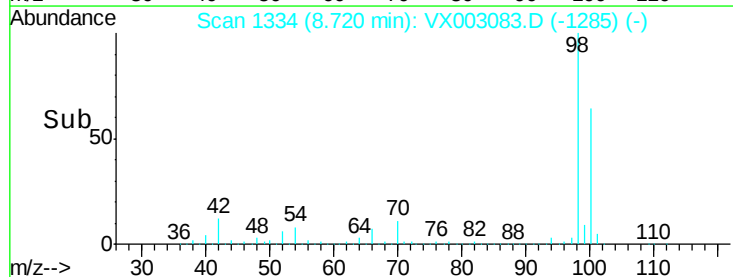
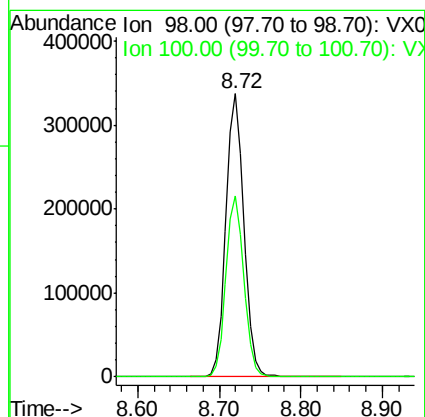
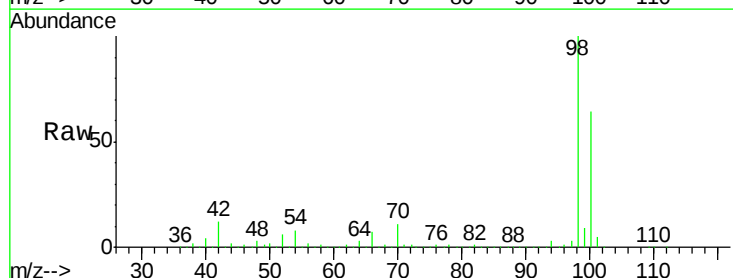
Instrument :
MSVOA_X
ClientSampleId :
S22-0038

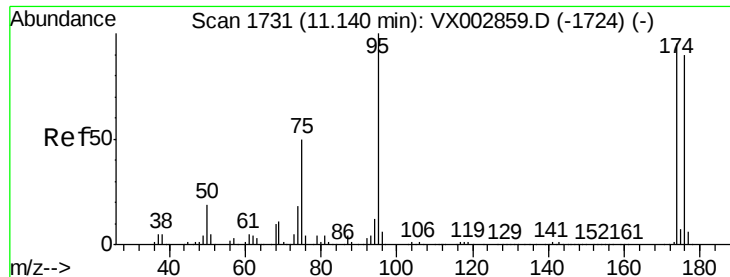
Tot Ion:113 Resp: 142917
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 23.9 19.1 28.7



#50
Toluene-d8
Concen: 48.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003083.D
Acq: 30 Jun 2018 17:10

Tgt Ion: 98 Resp: 515162
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003083.D

Acq: 30 Jun 2018 17:10

Instrument :

MSVOA_X

ClientSampleId :

S22-0038

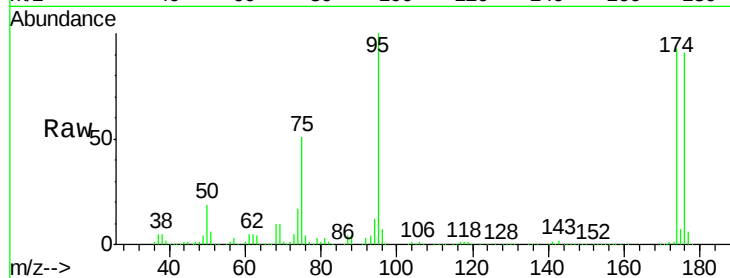
Tot Ion: 95 Resp: 181903

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

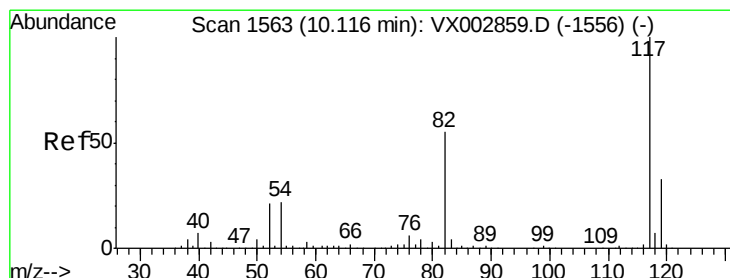
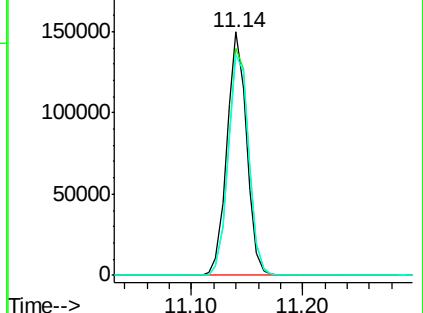
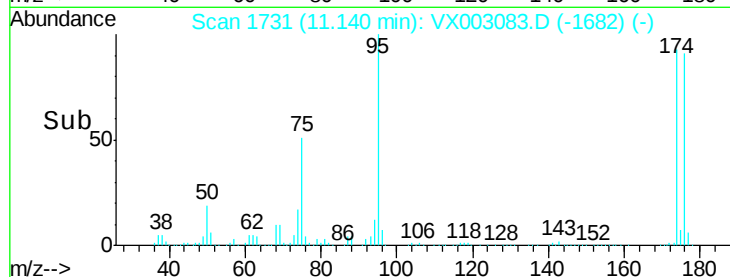
176 95.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003083.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003083.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003083.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003083.D

Acq: 30 Jun 2018 17:10

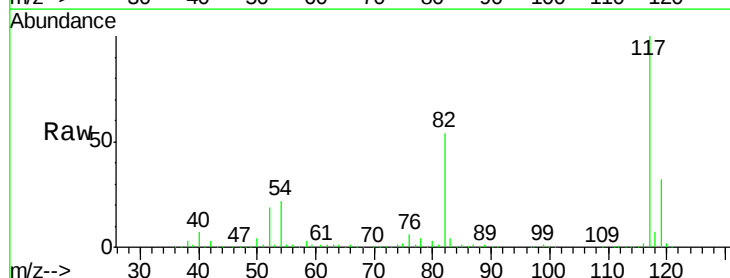
Tgt Ion: 117 Resp: 344403

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

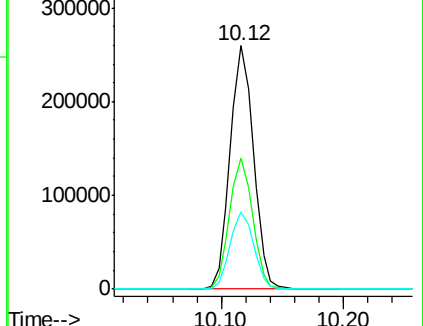
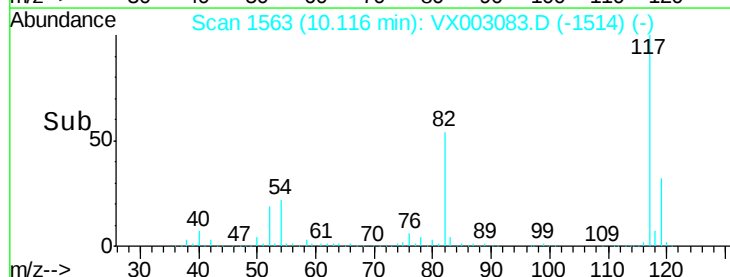
119 31.8 25.8 38.6

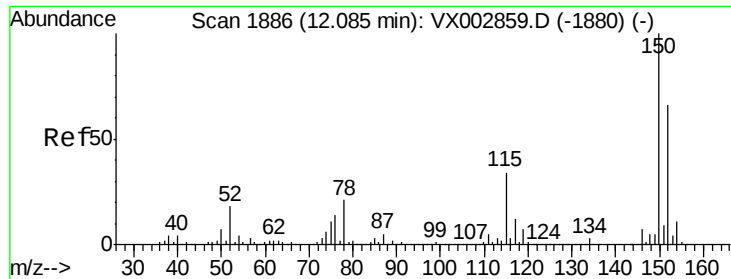


Abundance Ion 116.90 (116.60 to 117.60): VX003083.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003083.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003083.D (-1514) (-)

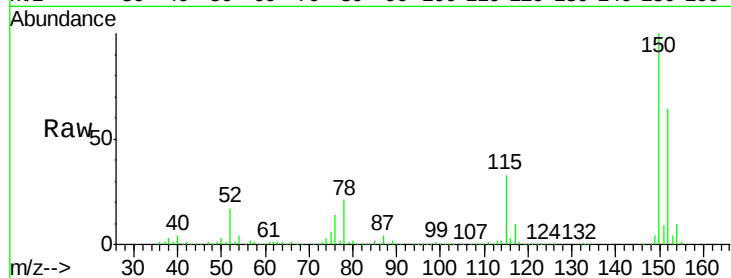




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX003083.D
 Acq: 30 Jun 2018 17:10

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0038

Tot Ion:152 Resp: 194738
 Ion Ratio Lower Upper
 152 100
 115 54.3 40.1 120.2
 150 156.6 0.0 347.2



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

