

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002994.D
 Acq On : 28 Jun 2018 19:13
 Operator : JC/MD
 Sample : J3717-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1332

Quant Time: Jun 29 09:56:56 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	266958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212260	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	177547	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.51	113	142956	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.72	98	528662	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.14	95	197483	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	

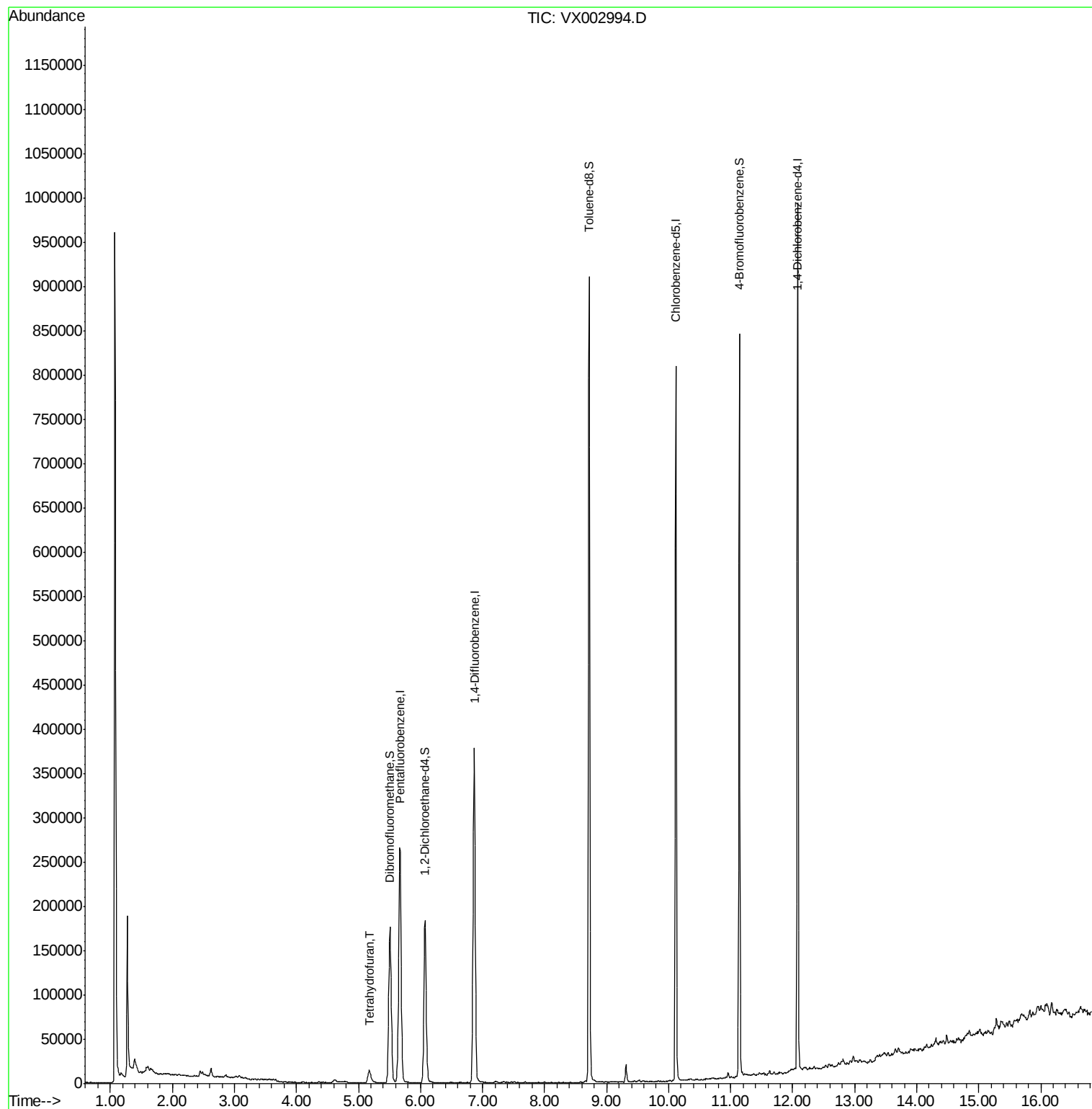
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
29) Tetrahydrofuran	5.17	42	13040	8.97	ug/l	99

(#) = 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: VX002994.D

Acq: 28 Jun 2018 19:13

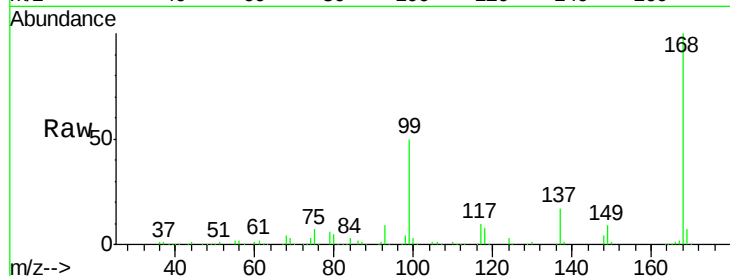
Instrument :
MSVOA_X
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1332

Tot Ion:168 Resp: 266958

Ion Ratio Lower Upper

168 100

99 50.4 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

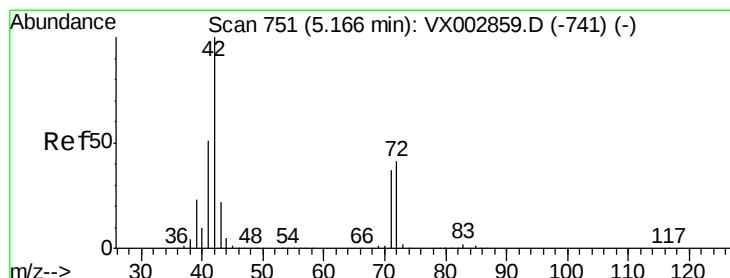
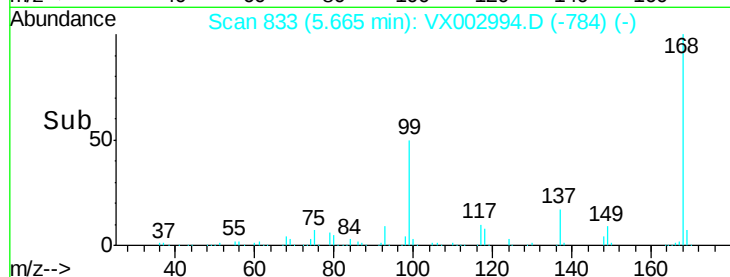
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 8.97 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002994.D

Acq: 28 Jun 2018 19:13

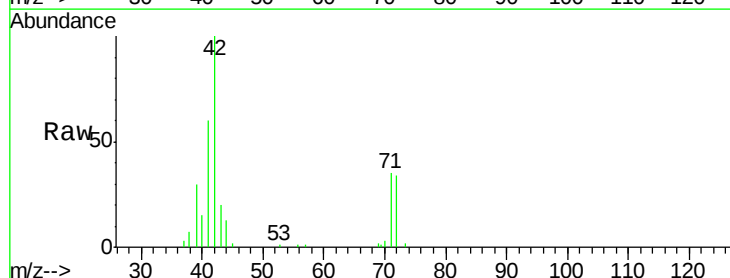
Tgt Ion: 42 Resp: 13040

Ion Ratio Lower Upper

42 100

72 41.1 32.0 48.0

71 36.9 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.17

5000

4000

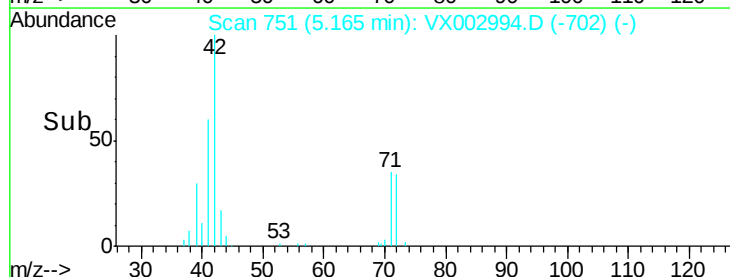
3000

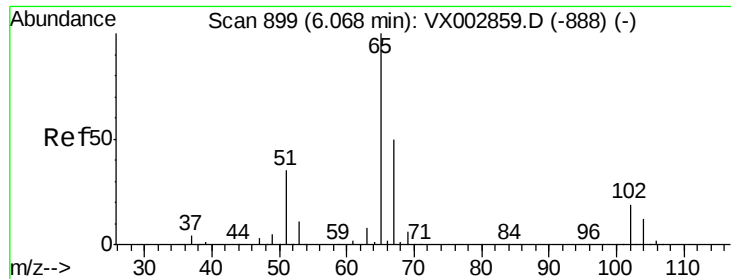
2000

1000

0

Time--> 5.10 5.20 5.30

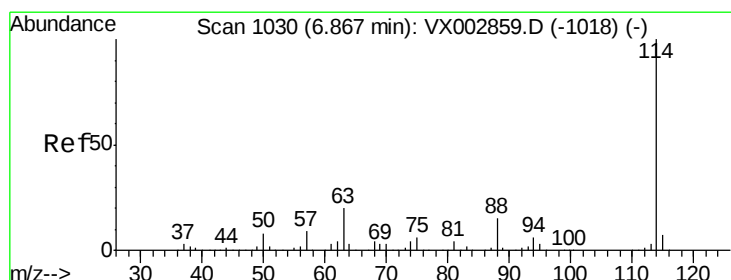
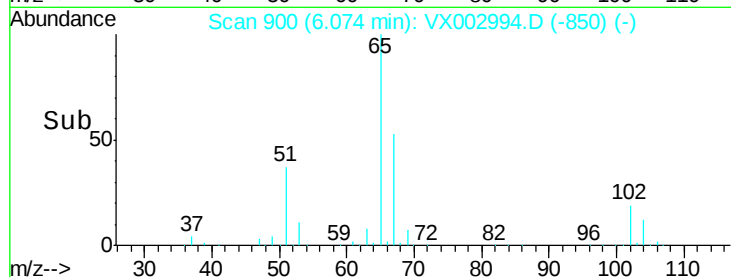
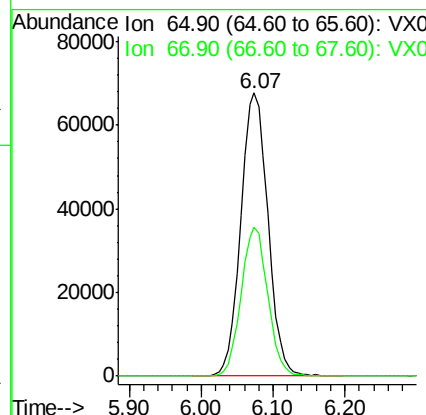
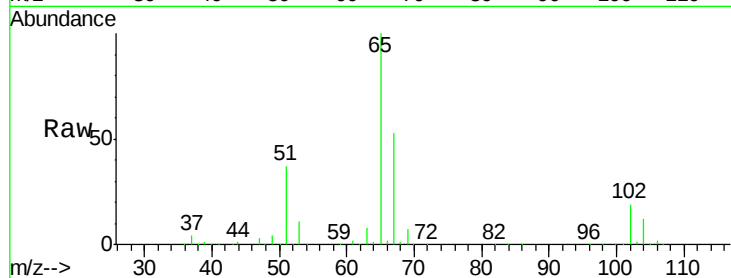




#33
 1,2-Dichloroethane-d4
 Concen: 48.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002994.D
 Acq: 28 Jun 2018 19:13

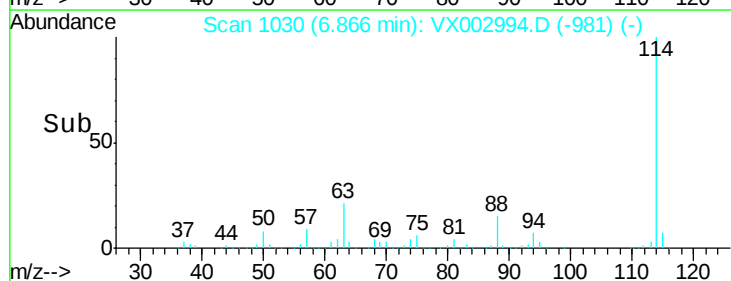
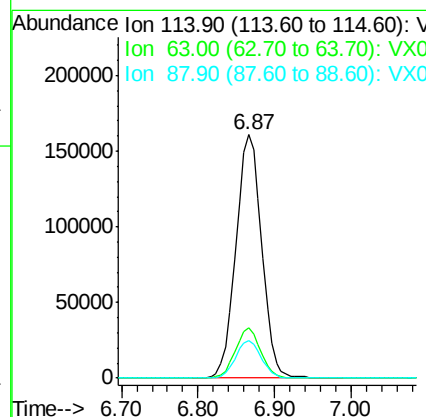
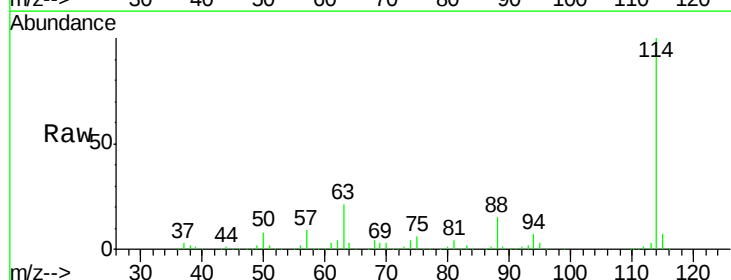
Instrument :
 MSVOA_X
 ClientSampleId :
 1332

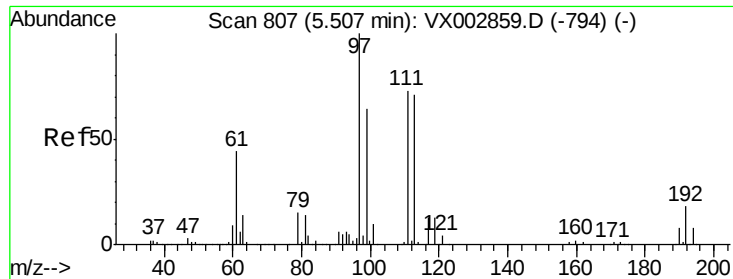
Tot Ion: 65 Resp: 177547
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002994.D
 Acq: 28 Jun 2018 19:13

Tgt Ion: 114 Resp: 374585
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.4 0.0 30.0

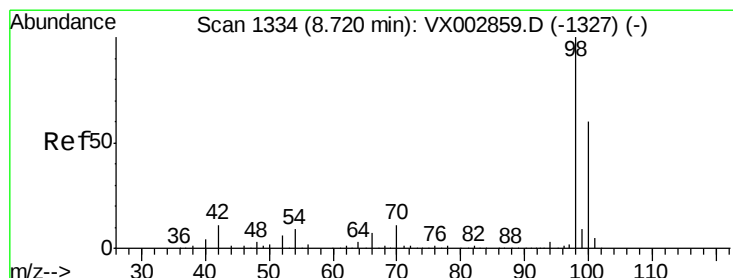
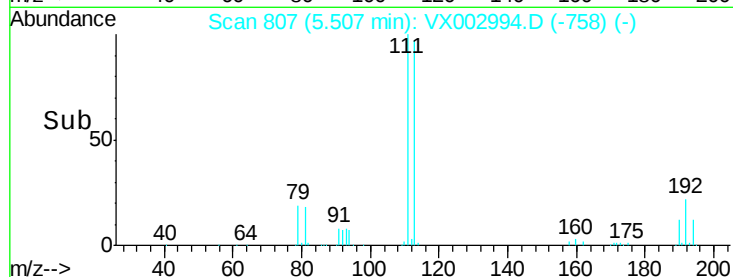
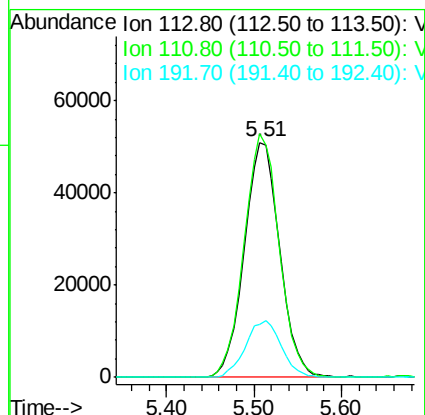
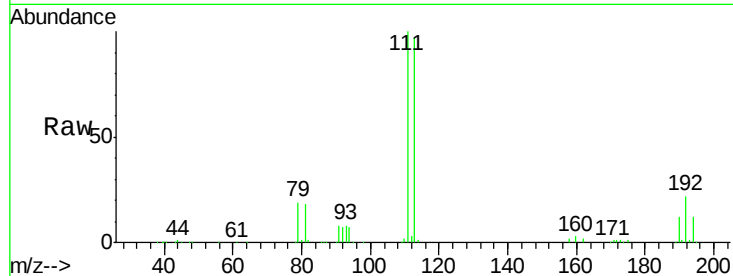




#35
 Dibromofluoromethane
 Concen: 48.19 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002994.D
 Acq: 28 Jun 2018 19:13

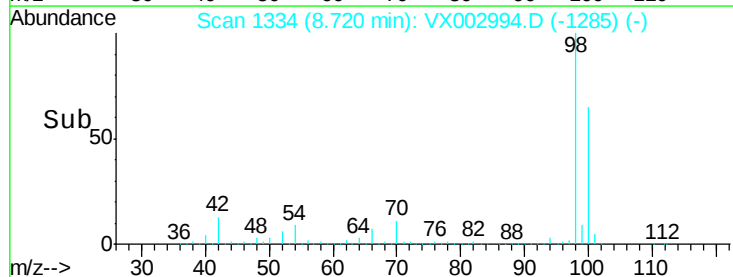
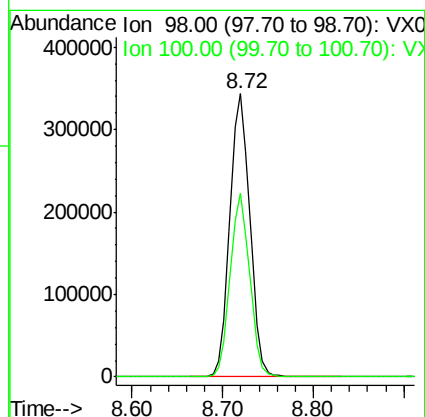
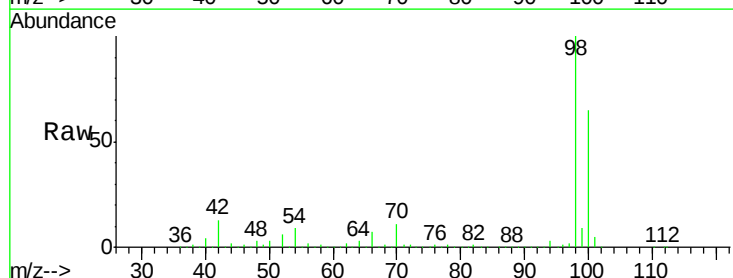
Instrument :
 MSVOA_X
 ClientSampleId :
 1332

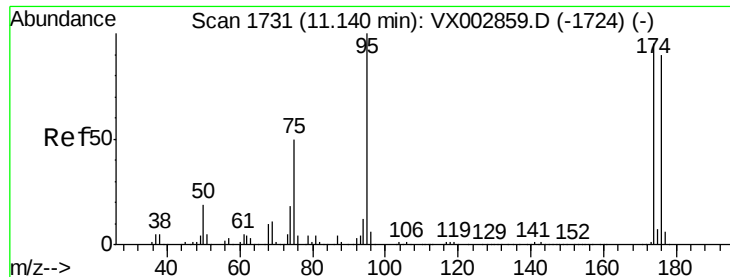
Tot Ion:113 Resp: 142956
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 24.6 19.1 28.7



#50
 Toluene-d8
 Concen: 48.80 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002994.D
 Acq: 28 Jun 2018 19:13

Tgt Ion: 98 Resp: 528662
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002994.D

Acq: 28 Jun 2018 19:13

Instrument :

MSVOA_X

ClientSampled :

1332

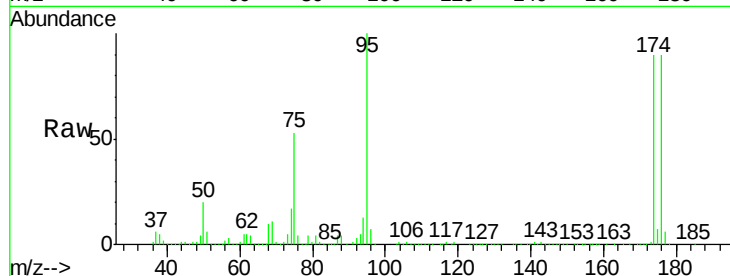
Tot Ion: 95 Resp: 197483

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

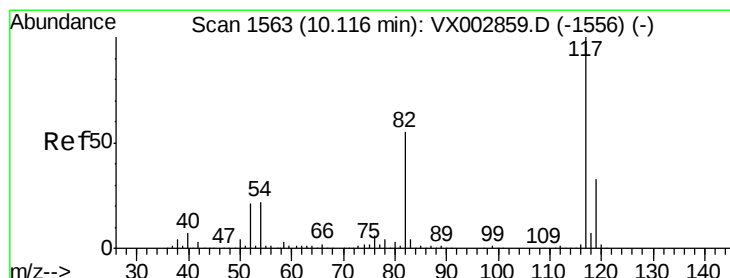
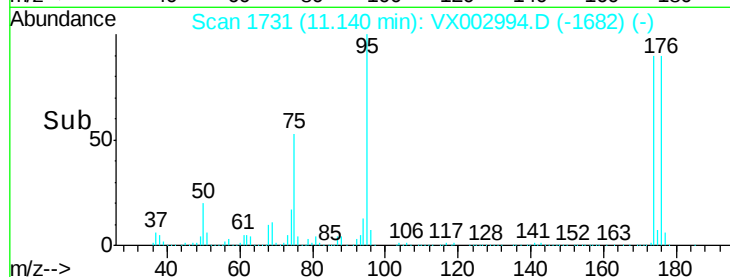
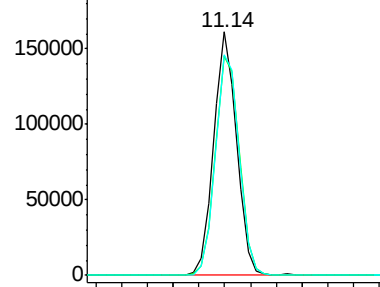
176 94.0 0.0 181.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002994.D

Acq: 28 Jun 2018 19:13

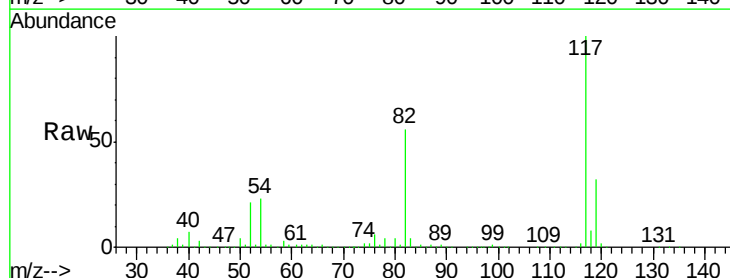
Tgt Ion: 117 Resp: 349917

Ion Ratio Lower Upper

117 100

82 55.9 45.0 67.4

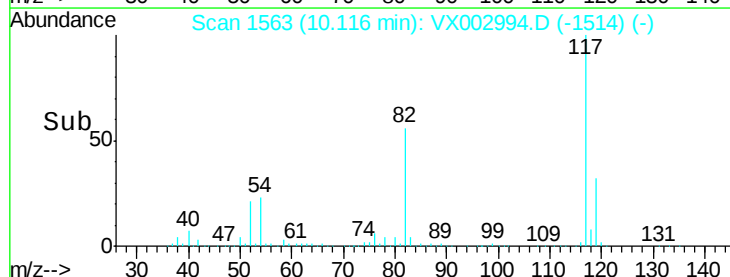
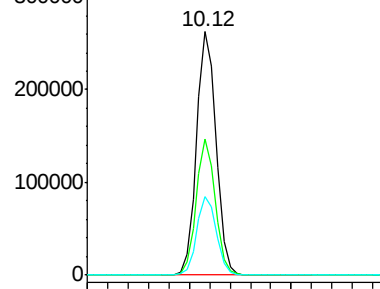
119 32.4 25.8 38.6

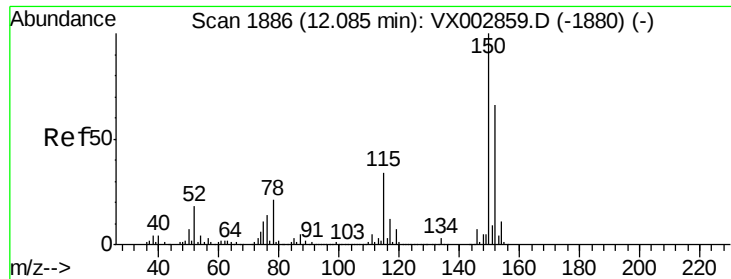


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002994.D

Acq: 28 Jun 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

1332

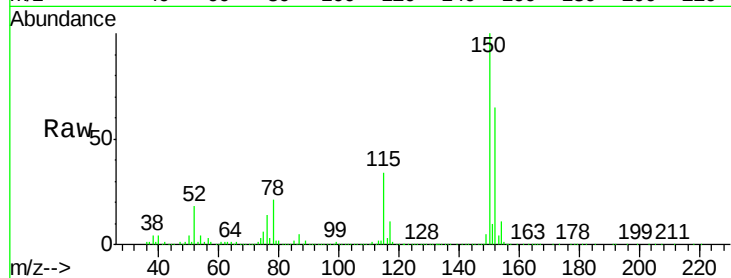
Tot Ion:152 Resp: 212260

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 156.2 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

