

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003601.D
 Acq On : 23 Jul 2018 13:49
 Operator : JC/SP
 Sample : J4048-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2018.07.17

Quant Time: Jul 24 10:14:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191757	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	161949	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
35) Dibromofluoromethane	5.51	113	145050	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	8.72	98	539527	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	182997	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	

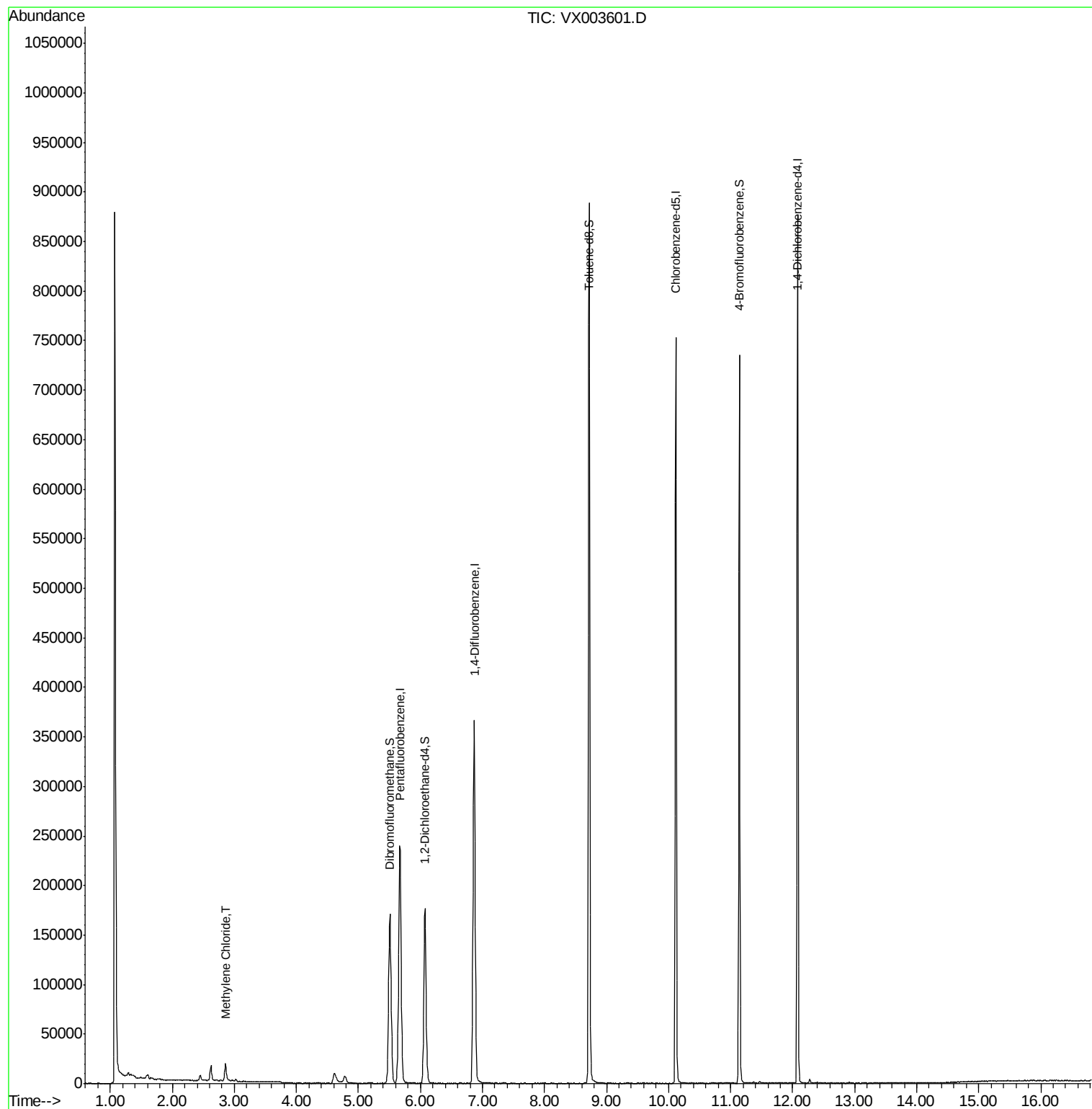
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.86	84	8636	2.29	ug/l	85

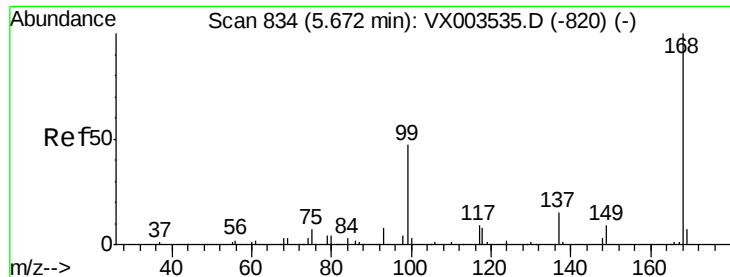
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003601.D

Acq: 23 Jul 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

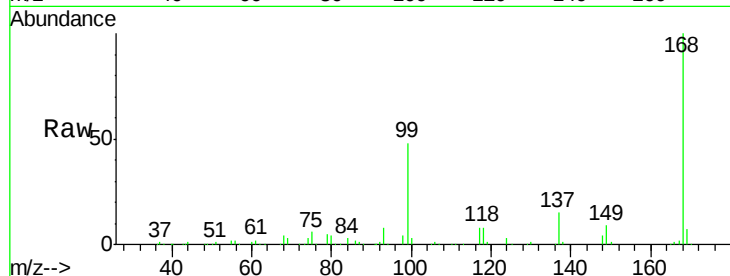
EB-2018.07.17

Tot Ion:168 Resp: 253082

Ion Ratio Lower Upper

168 100

99 48.3 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

80000

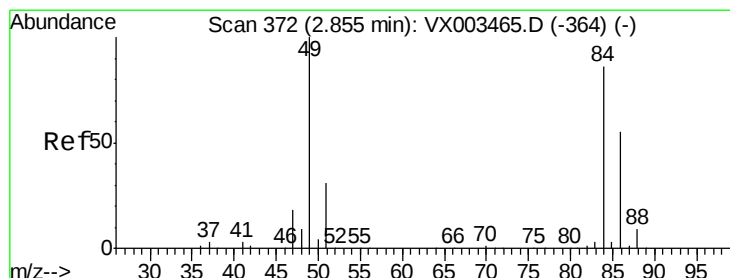
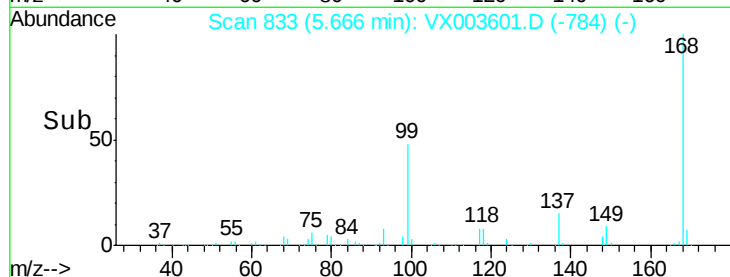
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.29 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003601.D

Acq: 23 Jul 2018 13:49

Tgt Ion: 84 Resp: 8636

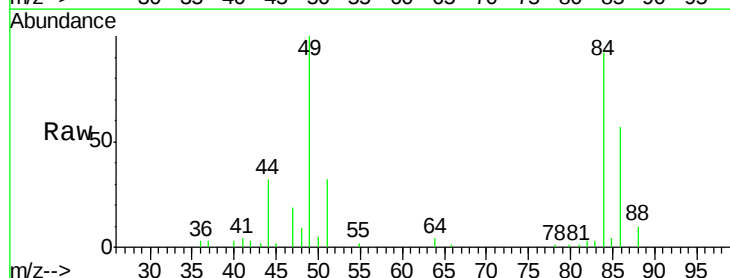
Ion Ratio Lower Upper

84 100

49 108.9 107.8 161.6

51 34.9 32.8 49.2

86 62.1 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

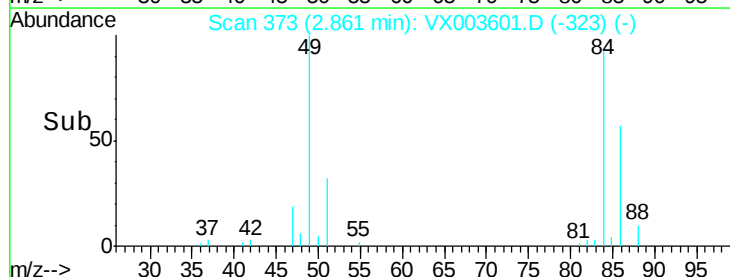
6000

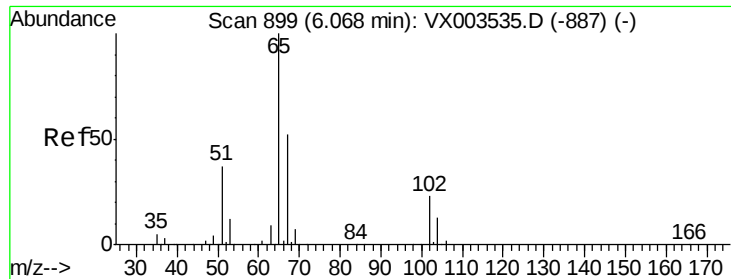
4000

2000

0

Time--> 2.80 2.85 2.90 2.95

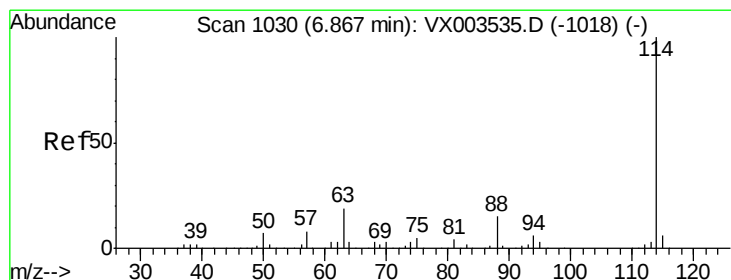
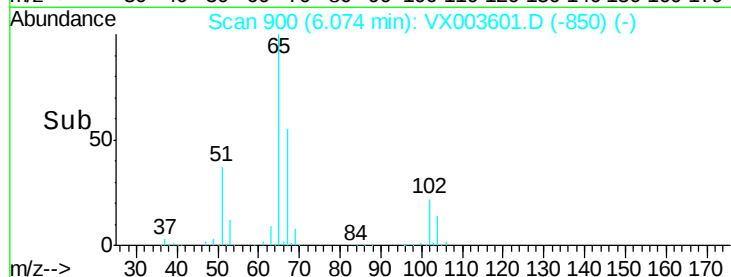
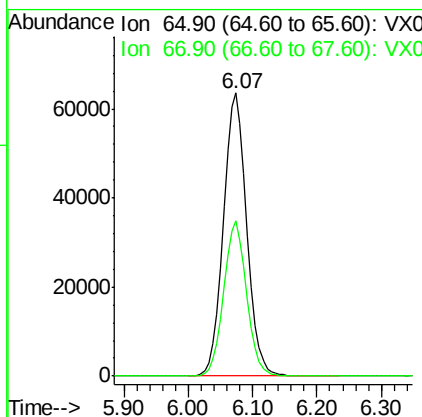
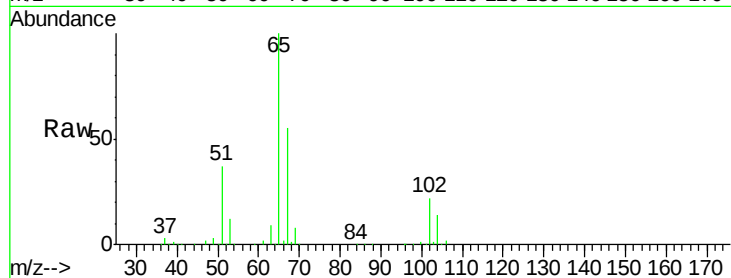




#33
 1,2-Dichloroethane-d4
 Concen: 54.06 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003601.D
 Acq: 23 Jul 2018 13:49

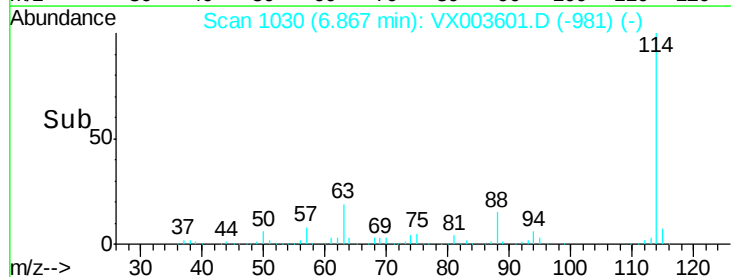
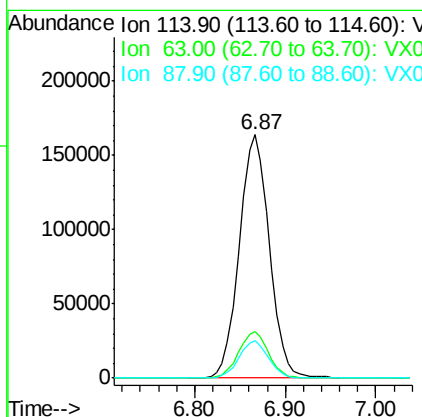
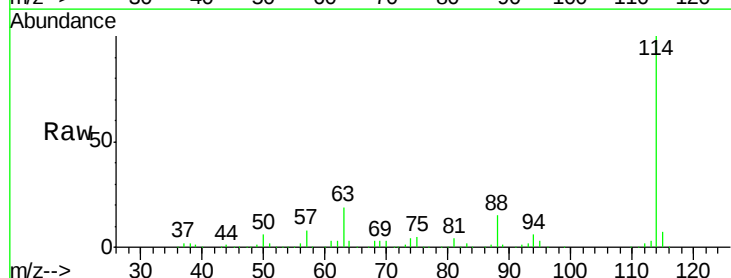
Instrument :
 MSVOA_X
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 EB-2018.07.17

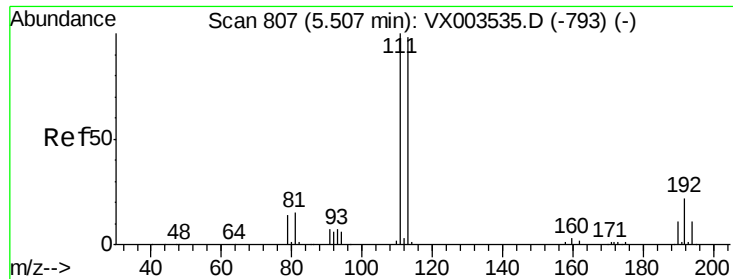
Tot Ion: 65 Resp: 161949
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003601.D
 Acq: 23 Jul 2018 13:49

Tgt Ion: 114 Resp: 376298
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.3 0.0 30.0

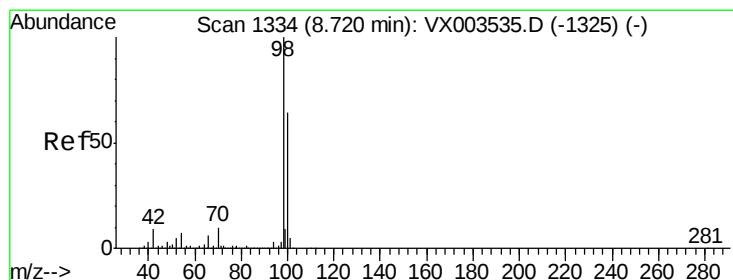
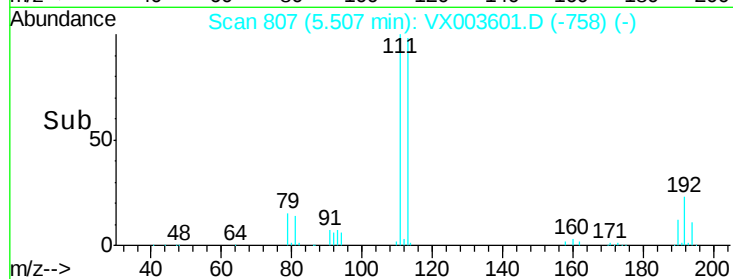
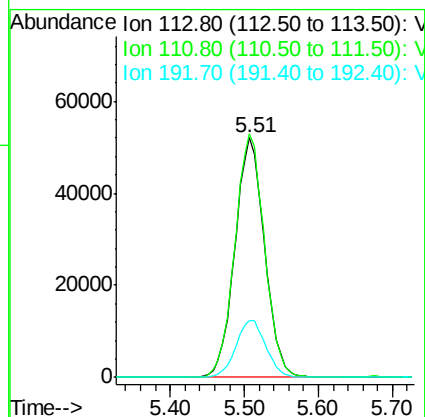
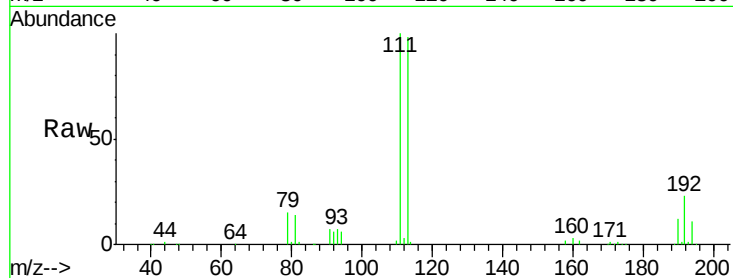




#35
 Dibromofluoromethane
 Concen: 50.61 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003601.D
 Acq: 23 Jul 2018 13:49

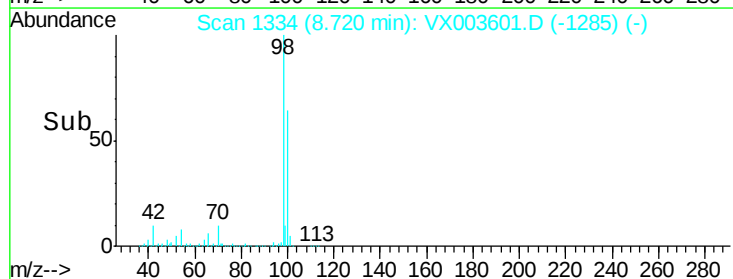
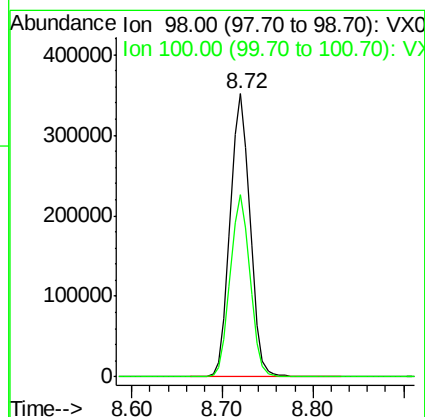
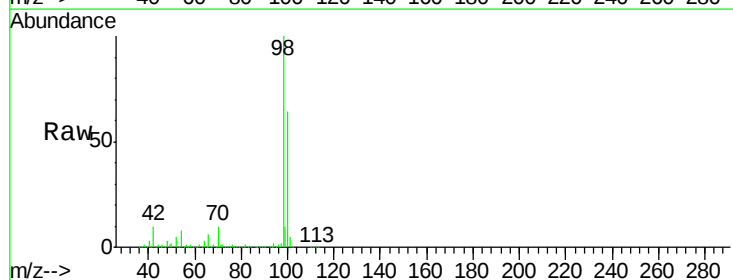
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2018.07.17

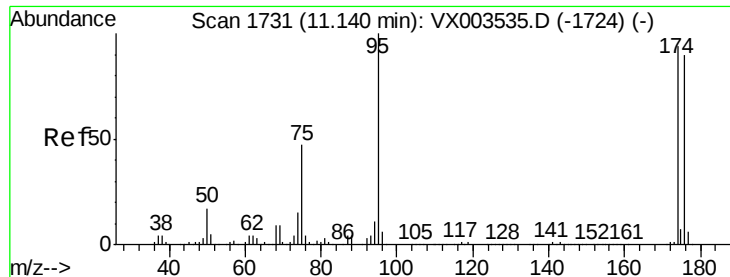
Tot Ion:113 Resp: 145050
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 24.0 19.1 28.7



#50
 Toluene-d8
 Concen: 50.08 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003601.D
 Acq: 23 Jul 2018 13:49

Tgt Ion: 98 Resp: 539527
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3

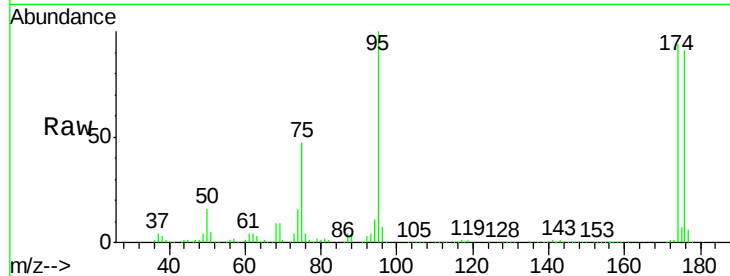




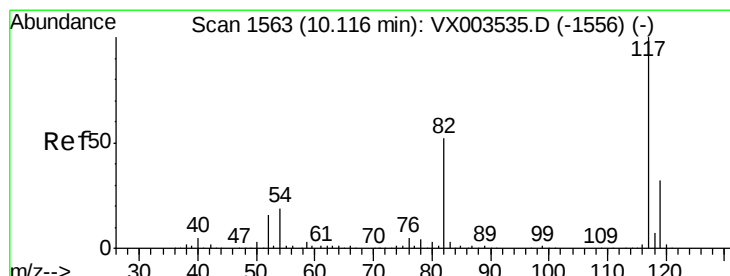
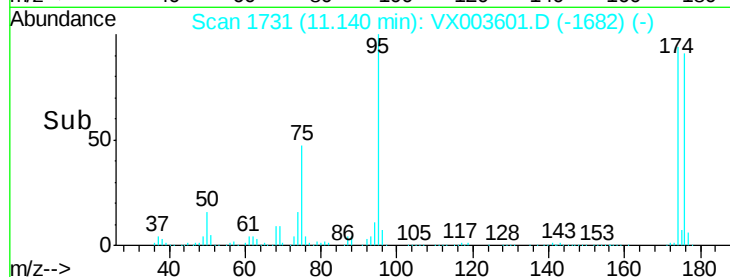
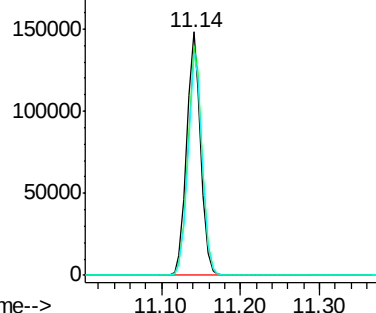
#62
4-Bromofluorobenzene
Concen: 46.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003601.D
Acq: 23 Jul 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :
EB-2018.07.17

Tot Ion: 95 Resp: 182997
Ion Ratio Lower Upper
95 100
174 96.3 0.0 187.4
176 92.6 0.0 181.0

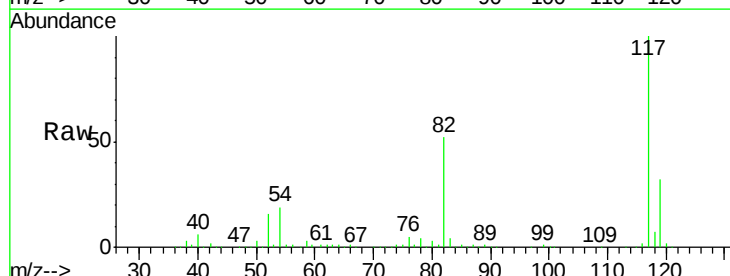


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

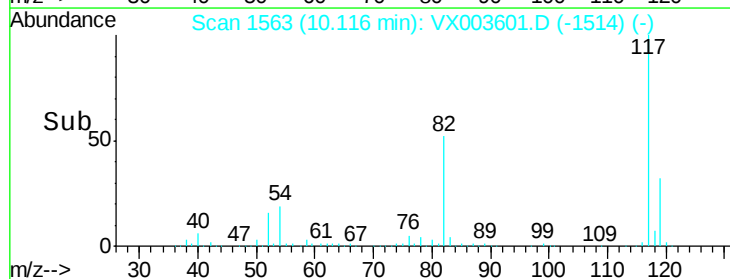
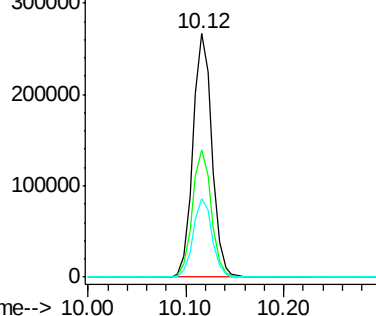


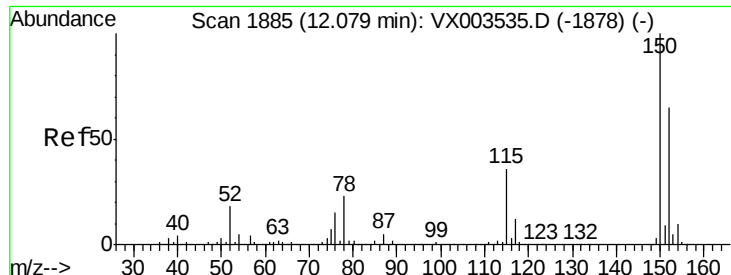
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003601.D
Acq: 23 Jul 2018 13:49

Tgt Ion: 117 Resp: 358669
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.3 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# 1885

Delta R.T. 0.00 min

Lab File: VX003601.D

Acq: 23 Jul 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

EB-2018.07.17

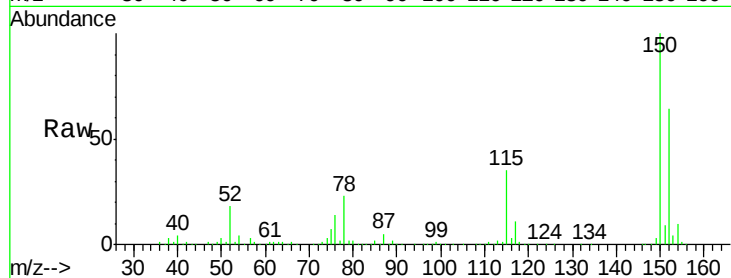
Tot Ion:152 Resp: 191757

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

150 156.3 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

