

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002352.D
 Acq On : 06 Jun 2018 15:02
 Operator : JC/MD
 Sample : J3311-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FLATBUSH-FIELD-BLANK-3-5-31-18

Quant Time: Jun 07 04:20:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179882	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	163969	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
35) Dibromofluoromethane	5.51	113	119046	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
50) Toluene-d8	8.72	98	482253	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.14	95	170689	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	

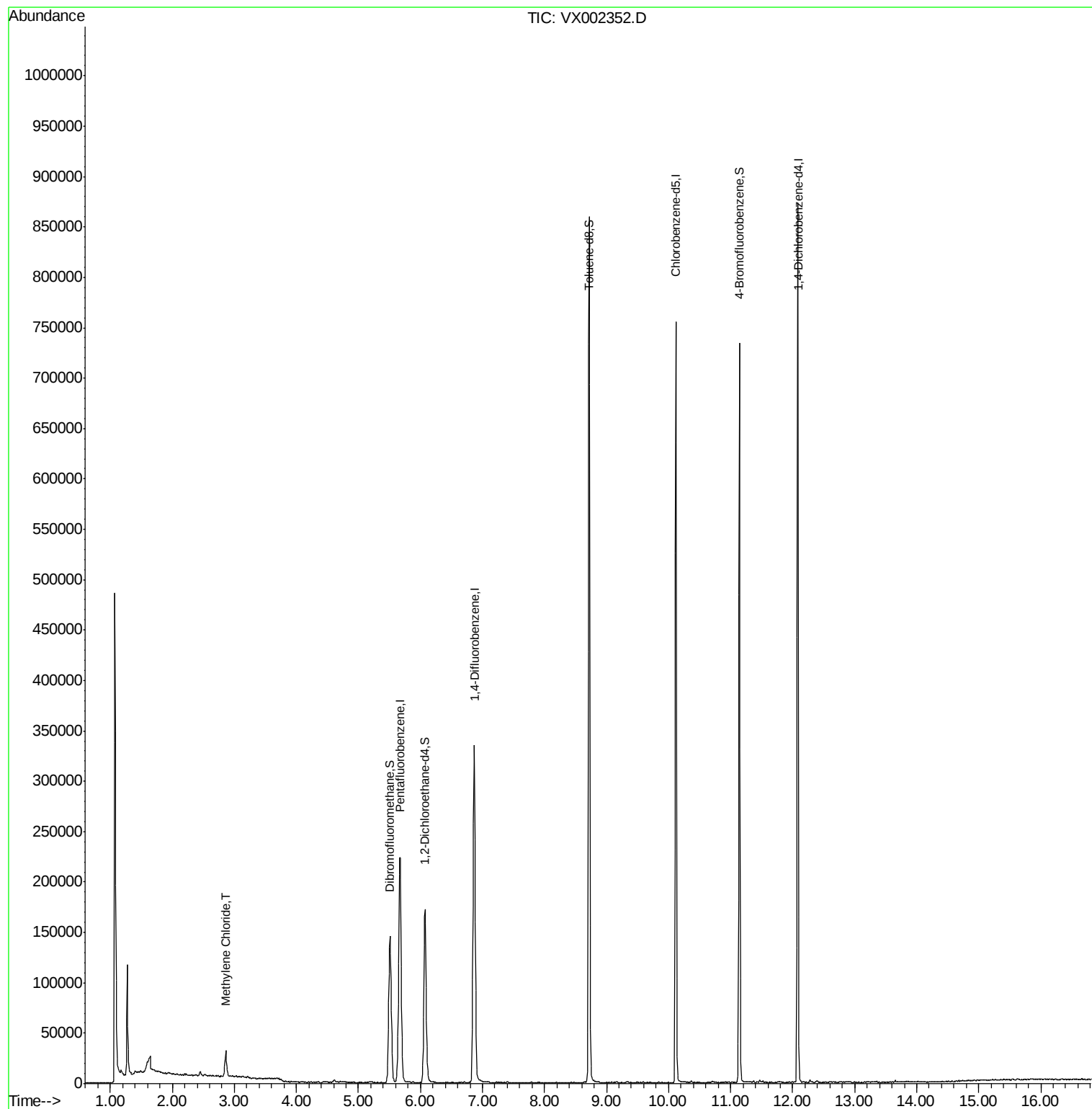
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.86	84	11749	1.95	ug/l	96

(#) = 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# 834

Delta R.T. -0.00 min

Lab File: VX002352.D

Acq: 06 Jun 2018 15:02

Instrument :

MSVOA_X

ClientSampleId :

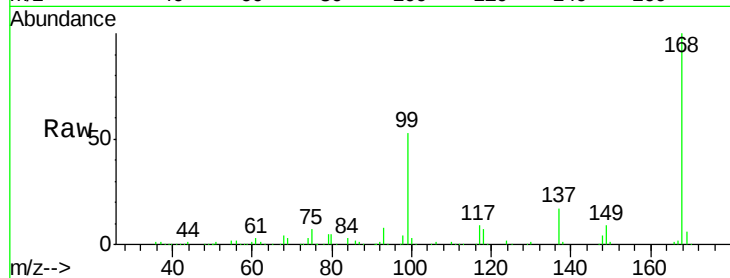
FLATBUSH-FIELD-BLANK-3-5-31-18

Tot Ion:168 Resp: 225790

Ion Ratio Lower Upper

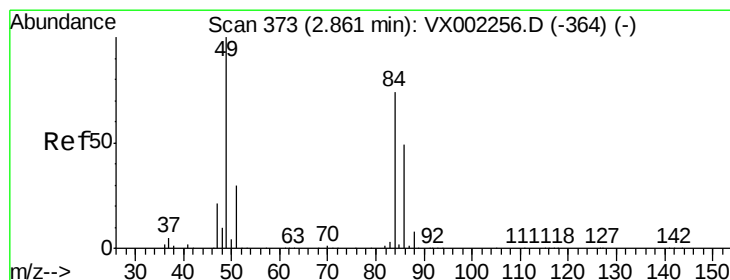
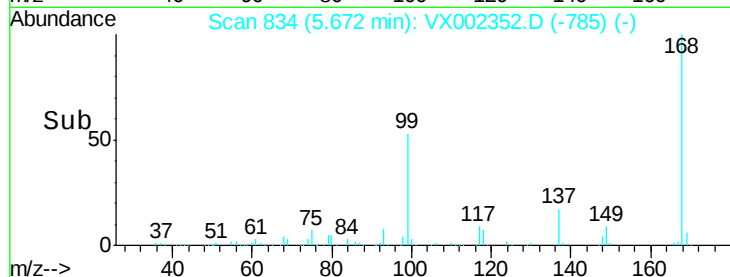
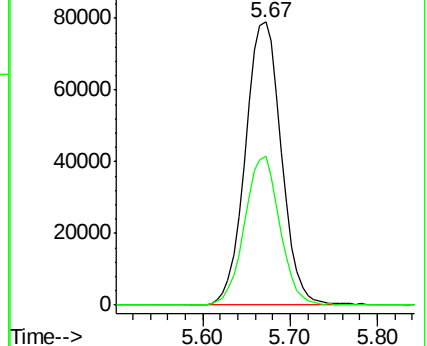
168 100

99 52.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 1.95 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002352.D

Acq: 06 Jun 2018 15:02

Tgt Ion: 84 Resp: 11749

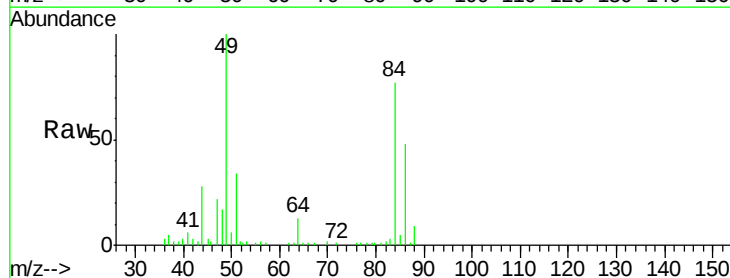
Ion Ratio Lower Upper

84 100

49 130.1 107.8 161.6

51 42.6 32.8 49.2

86 62.5 52.5 78.7

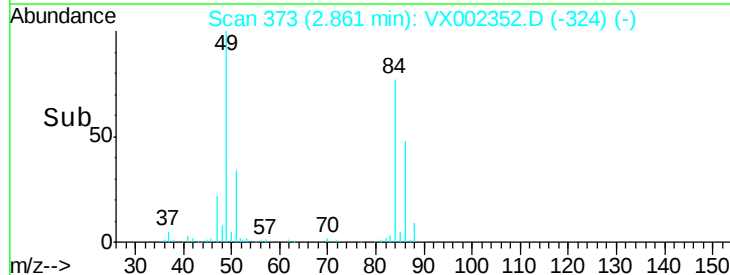
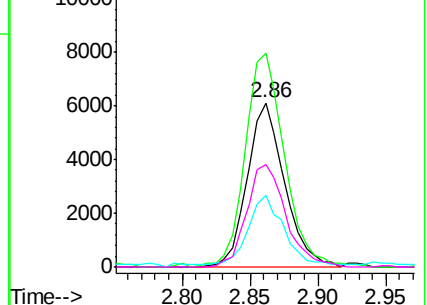


Abundance Ion 83.90 (83.60 to 84.60): VX0

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

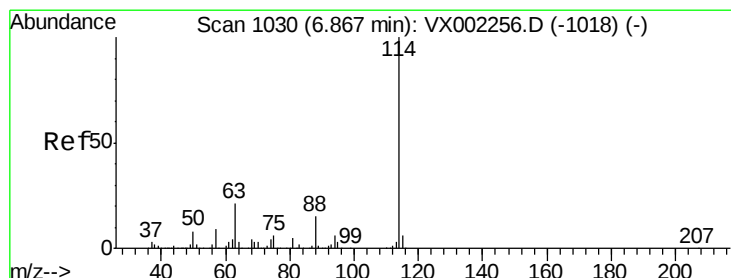
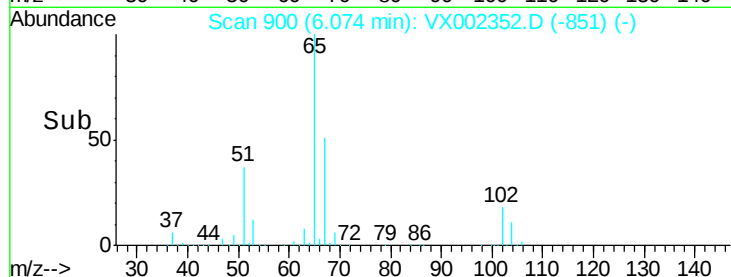
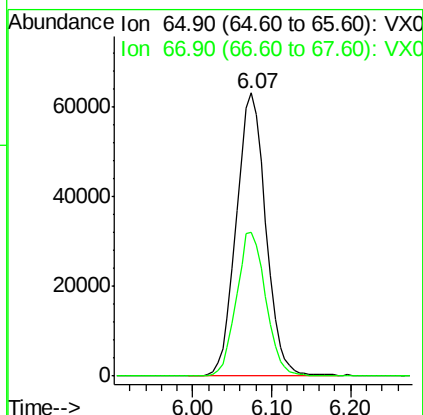
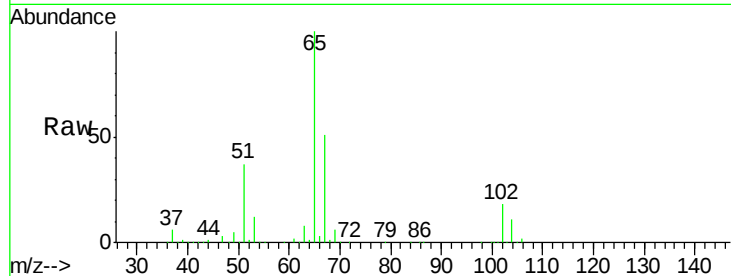




#33
 1,2-Dichloroethane-d4
 Concen: 50.84 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002352.D
 Acq: 06 Jun 2018 15:02

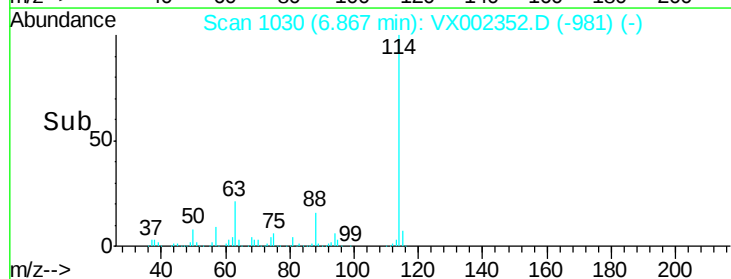
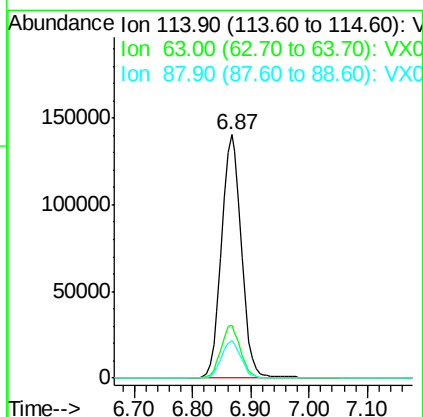
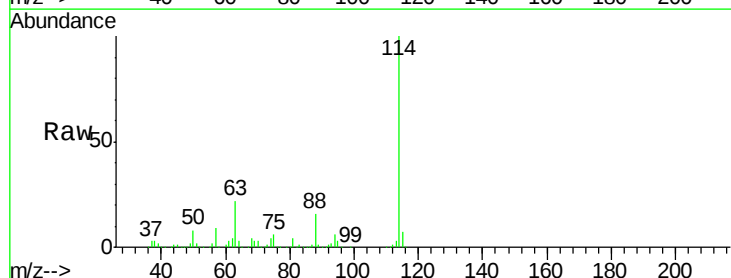
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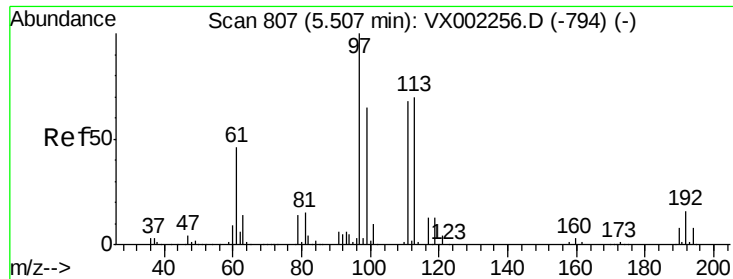
Tot Ion: 65 Resp: 163969
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002352.D
 Acq: 06 Jun 2018 15:02

Tgt Ion: 114 Resp: 333535
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 15.6 0.0 30.0

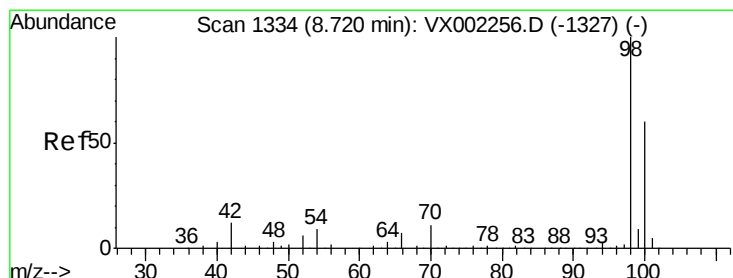
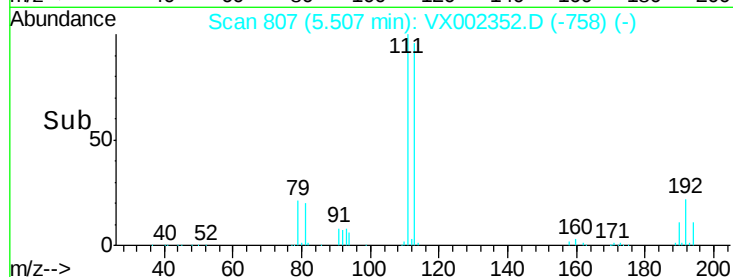
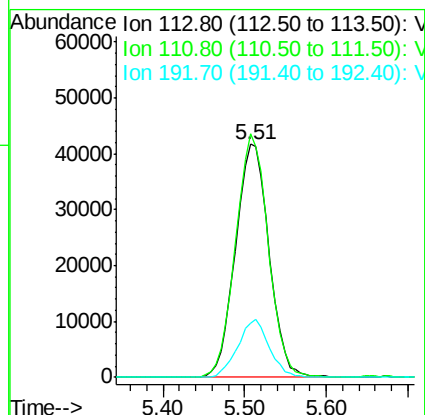
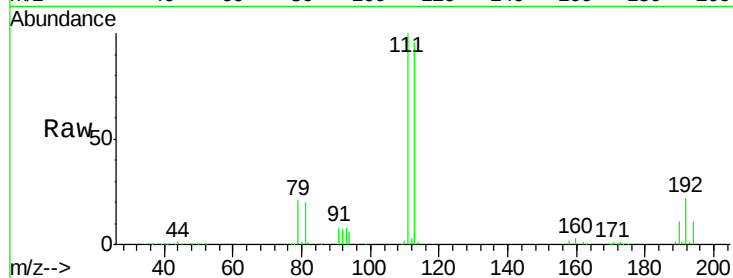




#35
Dibromofluoromethane
Concen: 45.39 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002352.D
Acq: 06 Jun 2018 15:02

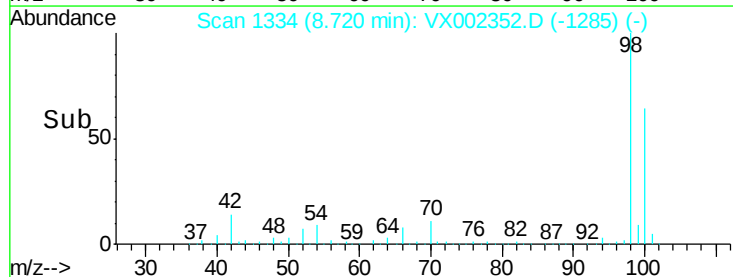
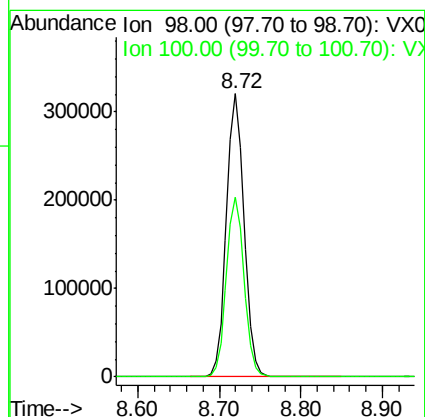
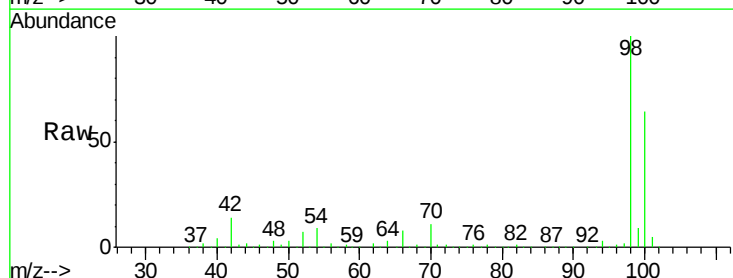
Instrument :
MSVOA_X
ClientSampleId :
FLATBUSH-FIELD-BLANK-3-5-31-18

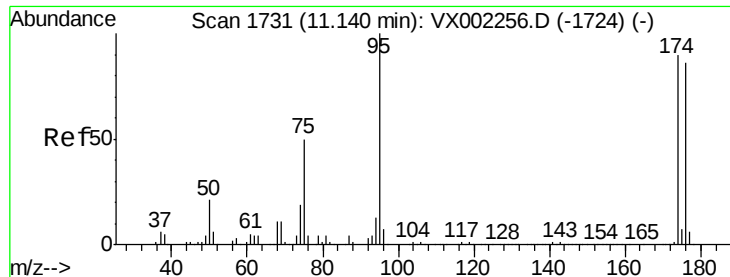
Tot Ion:113 Resp: 119046
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 23.1 19.1 28.7



#50
Toluene-d8
Concen: 47.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002352.D
Acq: 06 Jun 2018 15:02

Tgt Ion: 98 Resp: 482253
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002352.D

Acq: 06 Jun 2018 15:02

Instrument :

MSVOA_X

ClientSampleId :

FLATBUSH-FIELD-BLANK-3-5-31-18

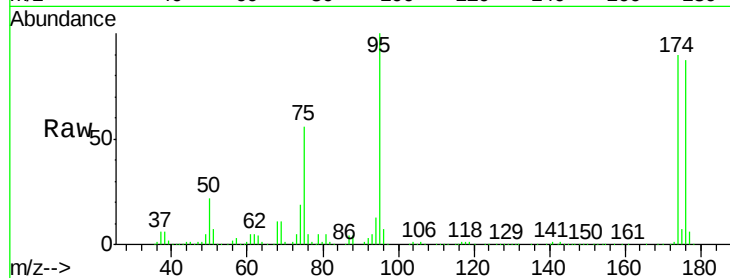
Tot Ion: 95 Resp: 170689

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.4

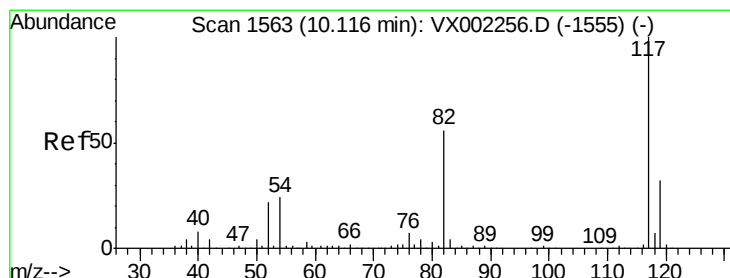
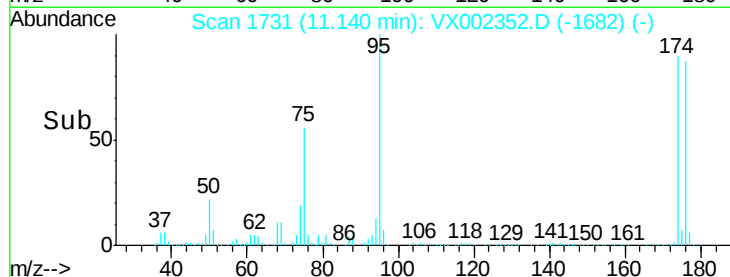
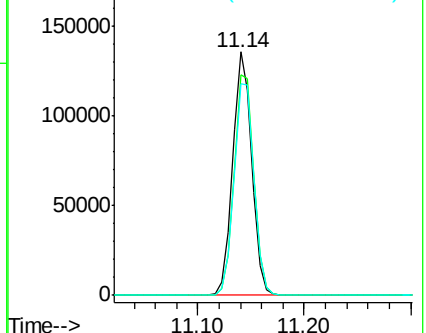
176 91.6 0.0 181.0



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: VX002352.D

Acq: 06 Jun 2018 15:02

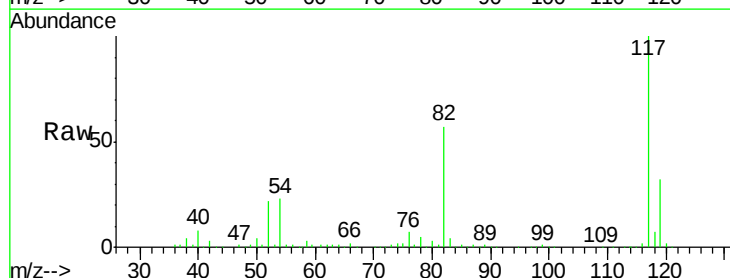
Tgt Ion: 117 Resp: 312845

Ion Ratio Lower Upper

117 100

82 56.5 45.0 67.4

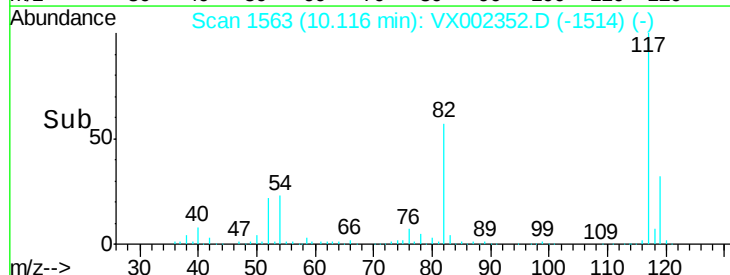
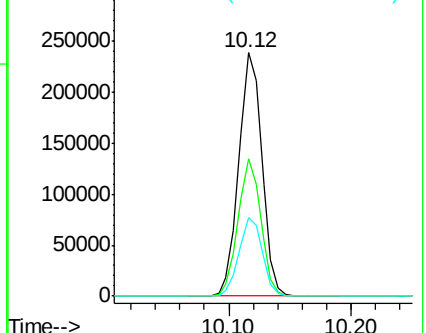
119 32.2 25.8 38.6

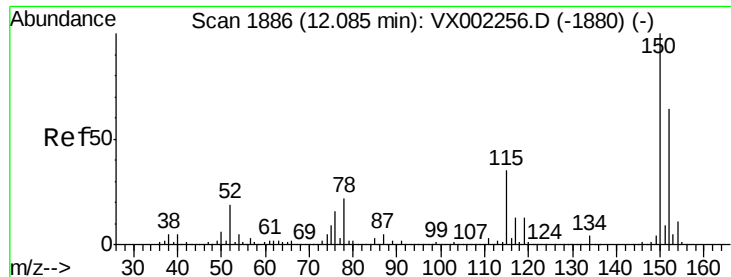


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002352.D

Acq: 06 Jun 2018 15:02

Instrument :

MSVOA_X

ClientSampleId :

FLATBUSH-FIELD-BLANK-3-5-31-18

Tot Ion:152 Resp: 179882

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 154.3 0.0 347.2

