

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003147.D
 Acq On : 03 Jul 2018 14:31
 Operator : JC/MD
 Sample : J3754-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-TB-2018-1

Quant Time: Jul 05 09:32:37 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	257610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181381	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162387	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	5.51	113	134655	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.72	98	489405	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.14	95	170938	43.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.52%	

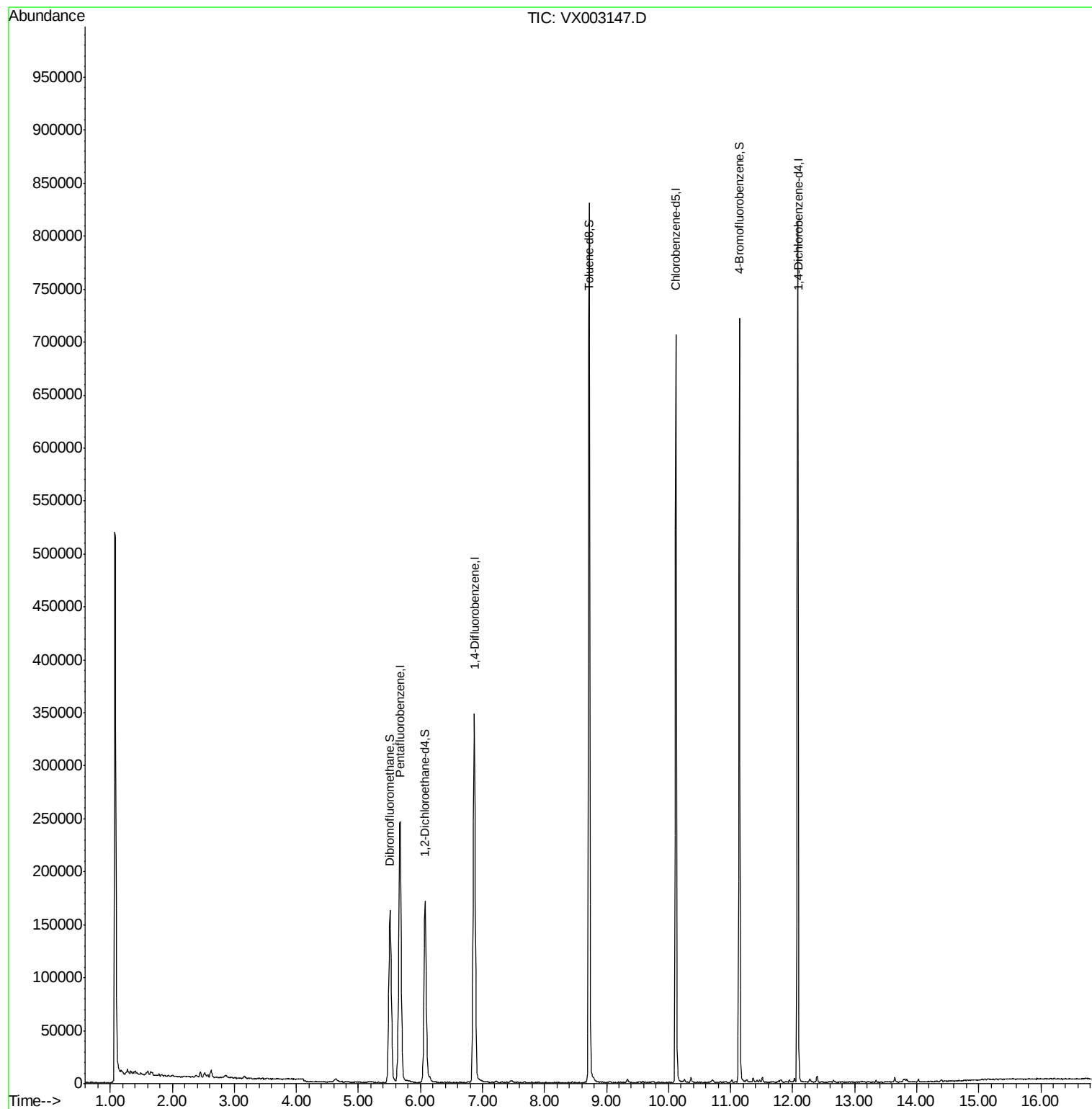
Target Compounds	Qvalue

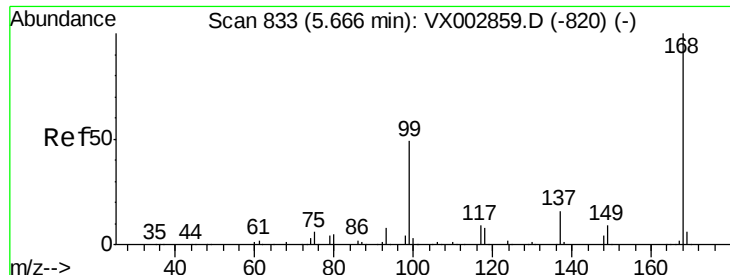
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003147.D

Acq: 03 Jul 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

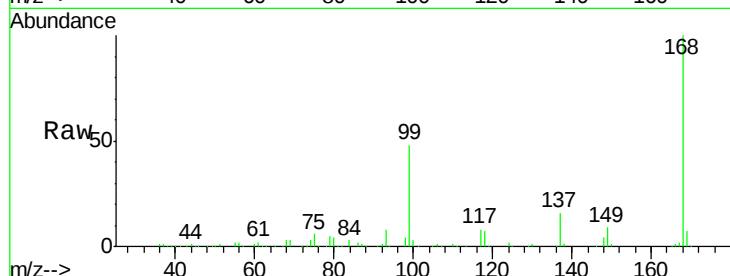
S10-TB-2018-1

Tot Ion:168 Resp: 257610

Ion Ratio Lower Upper

168 100

99 47.7 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

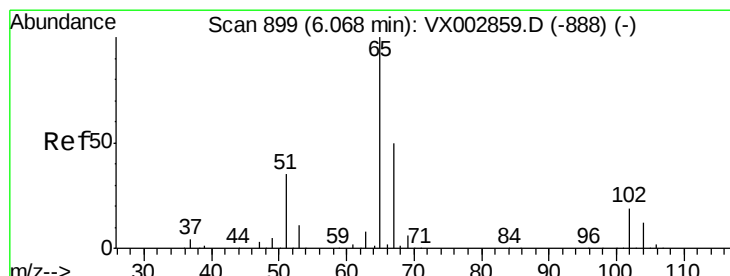
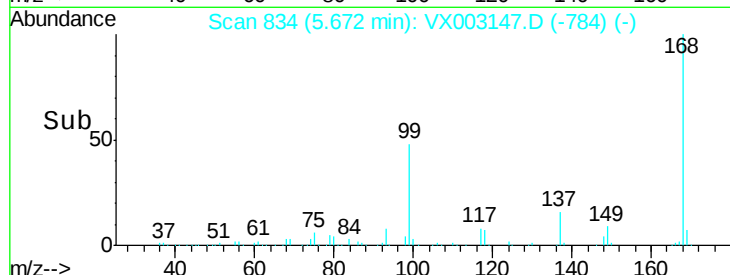
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.605 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003147.D

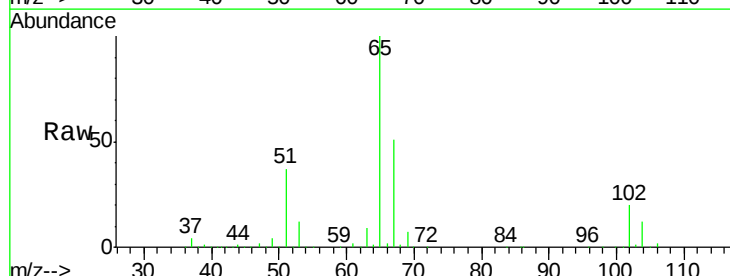
Acq: 03 Jul 2018 14:31

Tgt Ion: 65 Resp: 162387

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

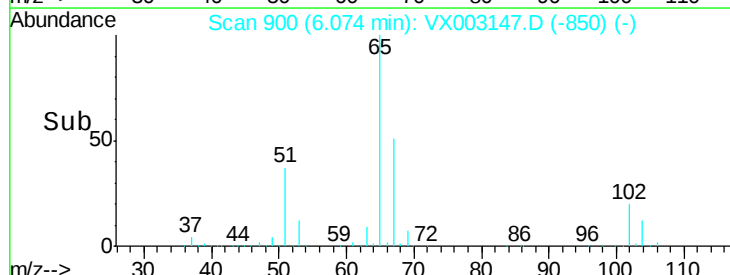
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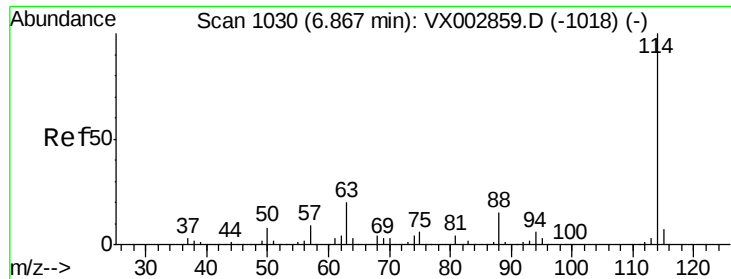
40000

20000

0

Time--> 6.00 6.10 6.20

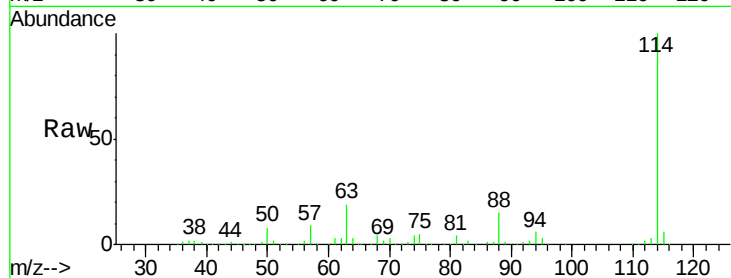




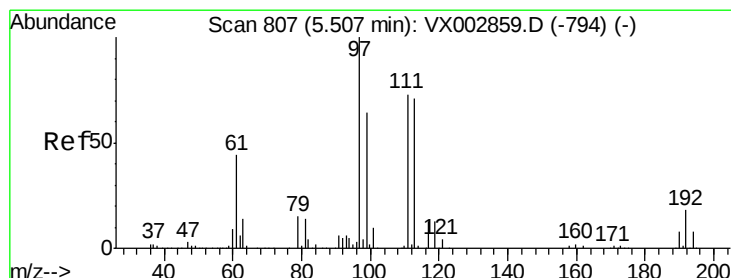
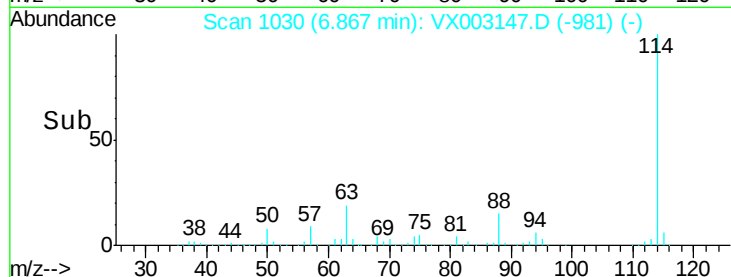
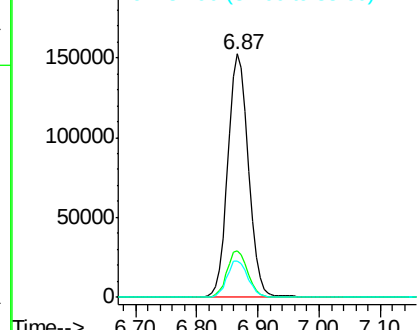
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003147.D
 Acq: 03 Jul 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-TB-2018-1

Tot Ion:114 Resp: 354301
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 14.8 0.0 30.0

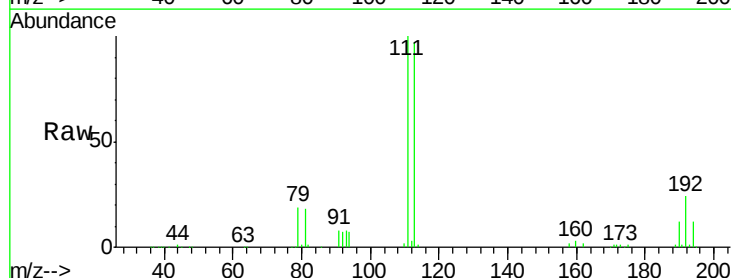


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

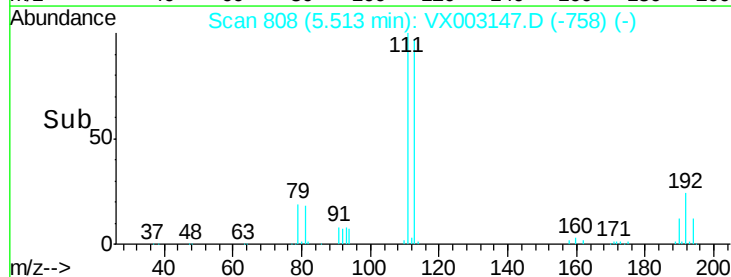
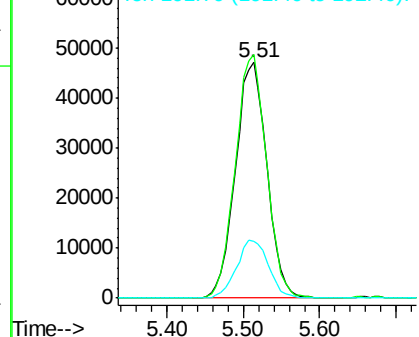


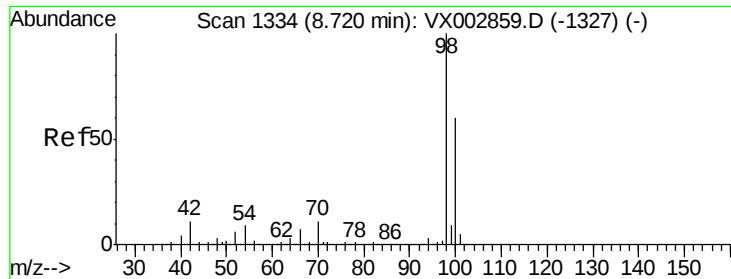
#35
 Dibromofluoromethane
 Concen: 47.993 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003147.D
 Acq: 03 Jul 2018 14:31

Tgt Ion:113 Resp: 134655
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 24.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

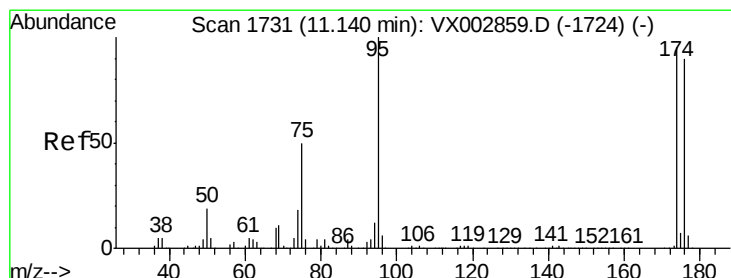
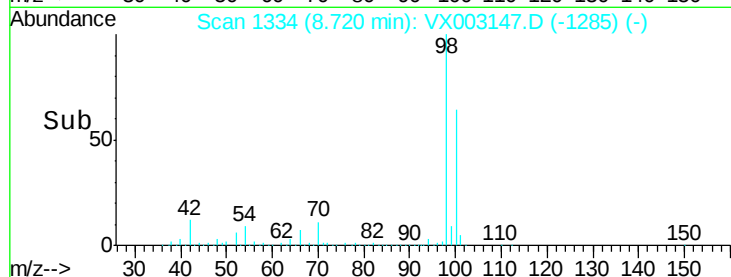
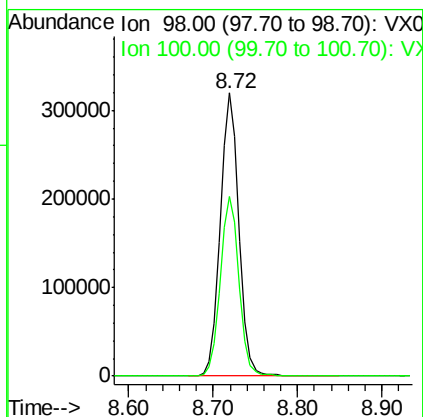
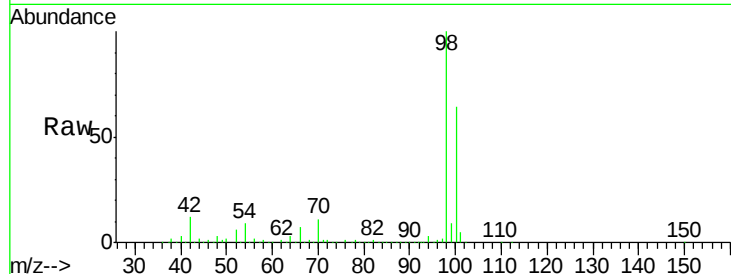




#50
Toluene-d8
Concen: 47.766 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003147.D
Acq: 03 Jul 2018 14:31

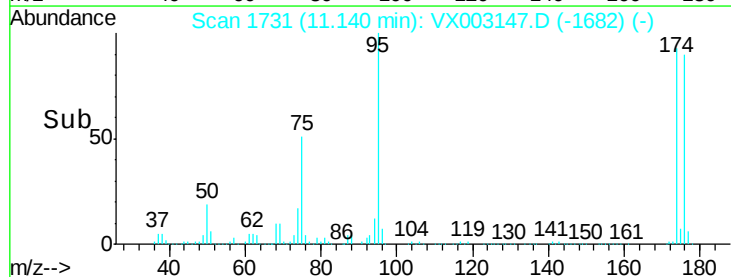
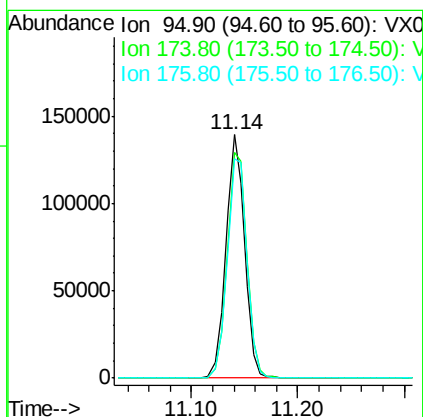
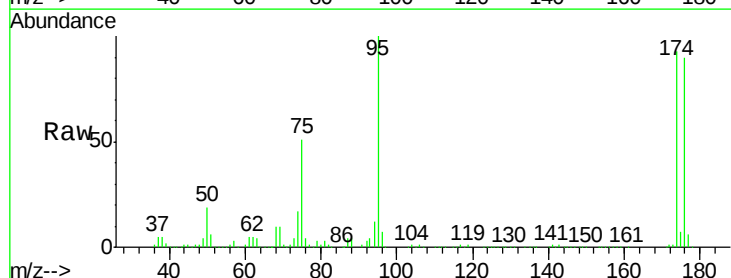
Instrument :
MSVOA_X
ClientSampleId :
S10-TB-2018-1

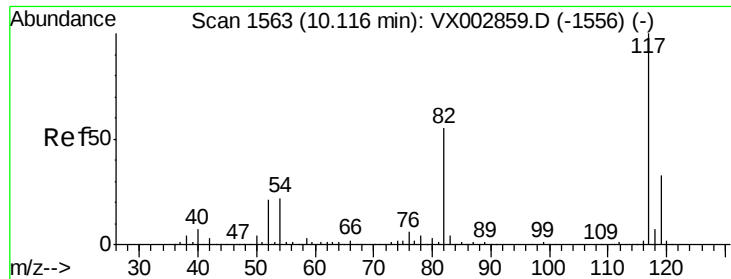
Tot Ion: 98 Resp: 489405
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.260 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003147.D
Acq: 03 Jul 2018 14:31

Tgt Ion: 95 Resp: 170938
Ion Ratio Lower Upper
95 100
174 98.3 0.0 187.4
176 96.0 0.0 181.0

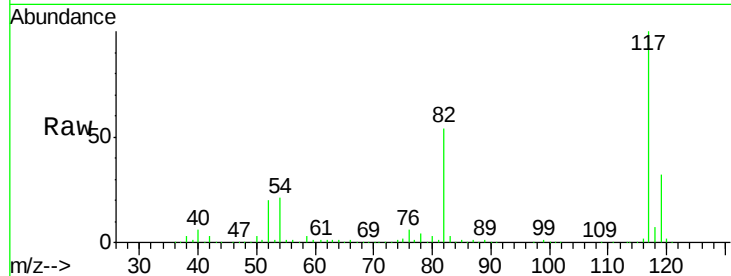




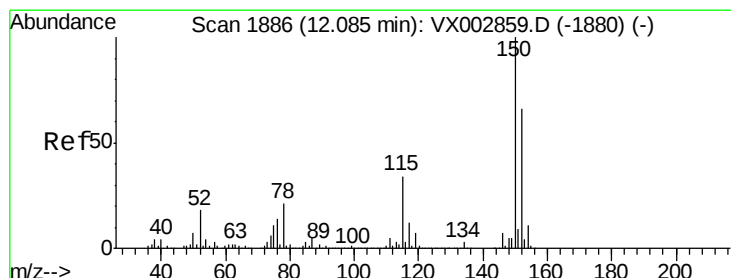
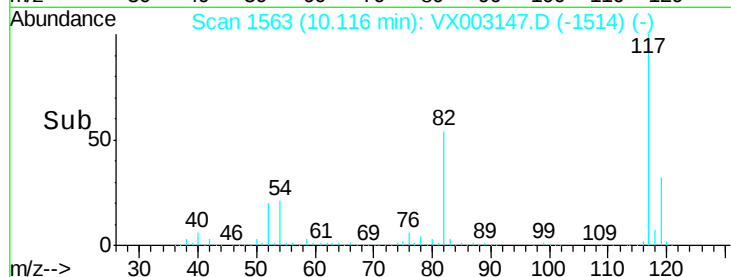
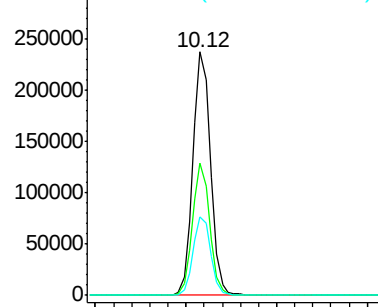
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003147.D
Acq: 03 Jul 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
S10-TB-2018-1

Tot Ion:117 Resp: 324558
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.0 25.8 38.6

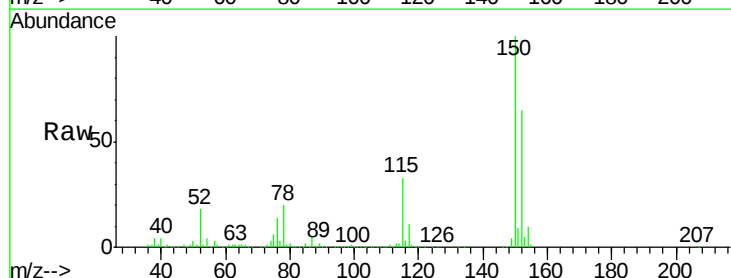


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003147.D
Acq: 03 Jul 2018 14:31

Tgt Ion:152 Resp: 181381
Ion Ratio Lower Upper
152 100
115 53.6 40.1 120.2
150 155.4 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

