

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003651.D
 Acq On : 25 Jul 2018 11:00
 Operator : JC/SP
 Sample : VX0725WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBL01

Quant Time: Jul 26 01:30:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	159130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	151207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82738	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	5.50	113	71793	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
50) Toluene-d8	8.72	98	258939	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.14	95	90215	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

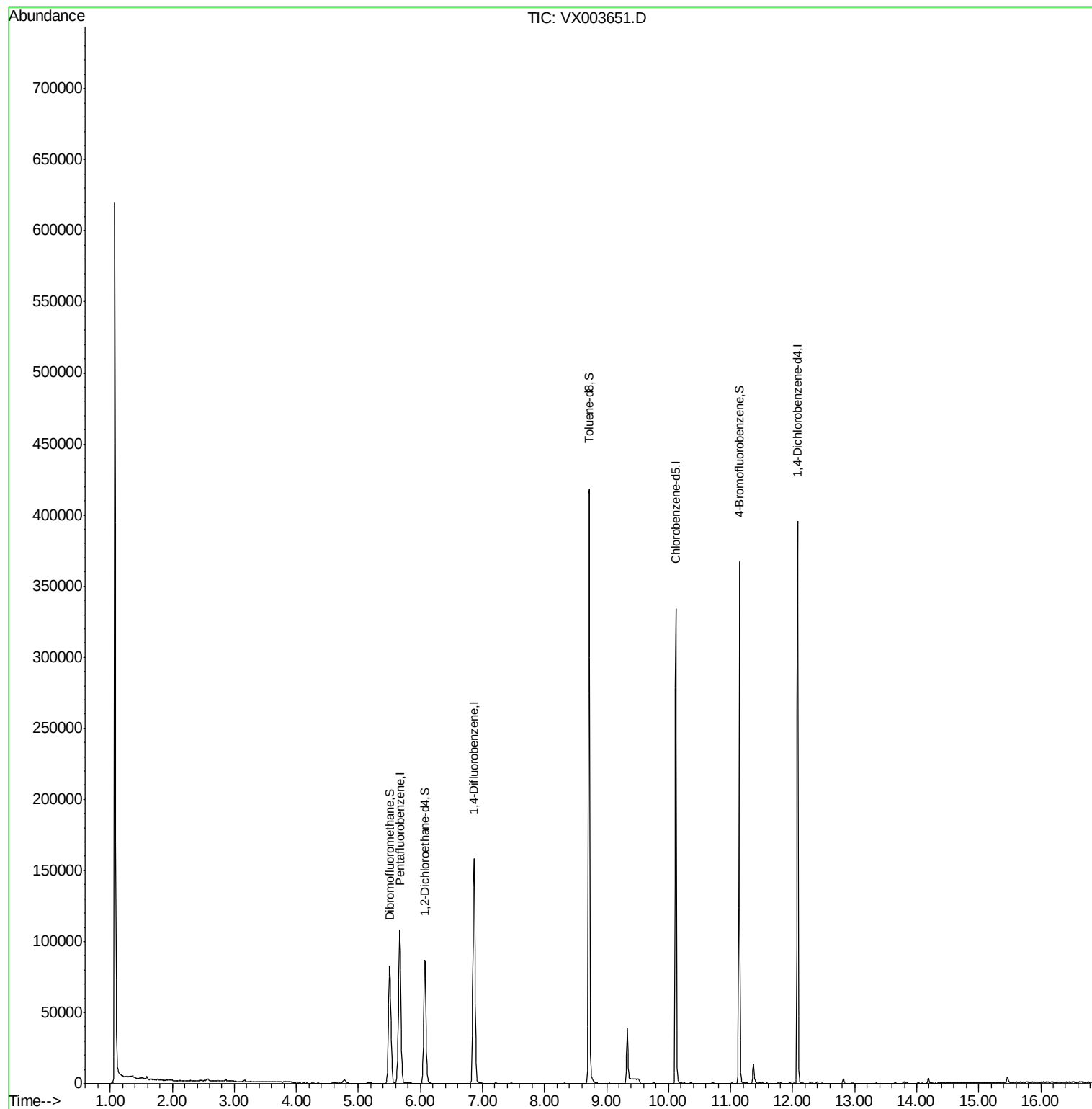
Target Compounds	Qvalue

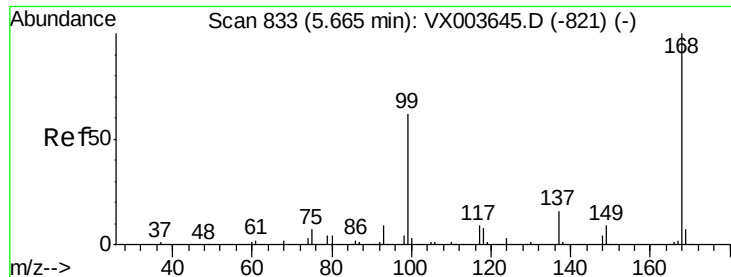
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003651.D

Acq: 25 Jul 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

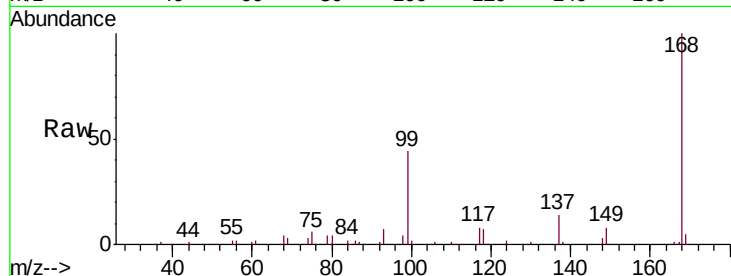
VX0725WBL01

Tot Ion:168 Resp: 107272

Ion Ratio Lower Upper

168 100

99 44.4 49.5 74.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

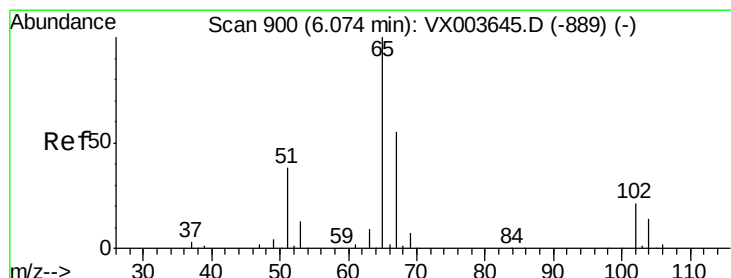
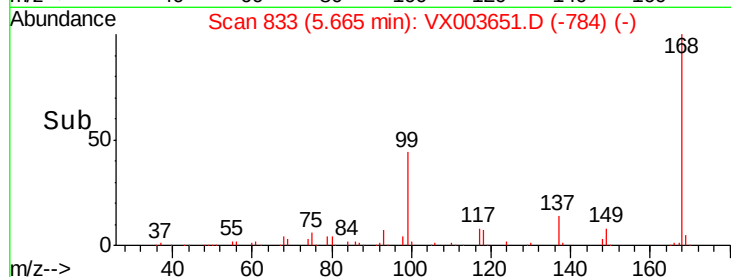
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.07 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003651.D

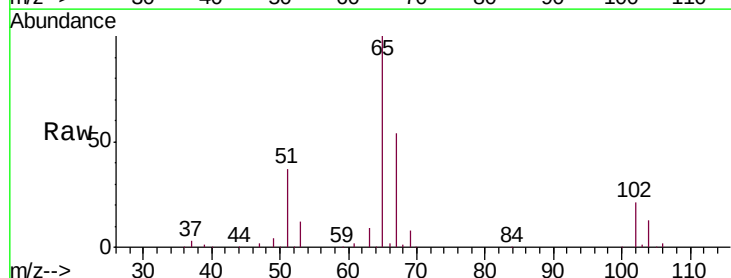
Acq: 25 Jul 2018 11:00

Tgt Ion: 65 Resp: 82738

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

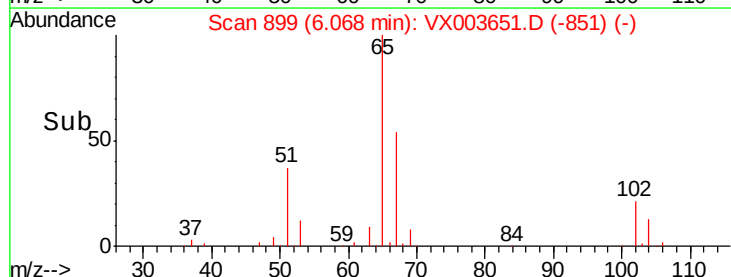
30000

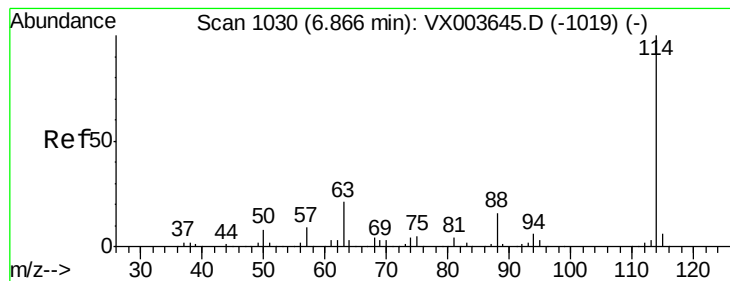
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003651.D

Acq: 25 Jul 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBL01

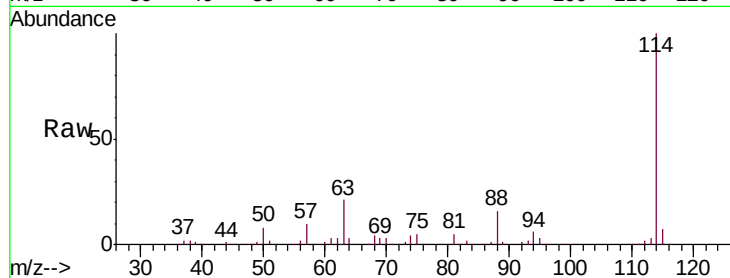
Tot Ion:114 Resp: 159130

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

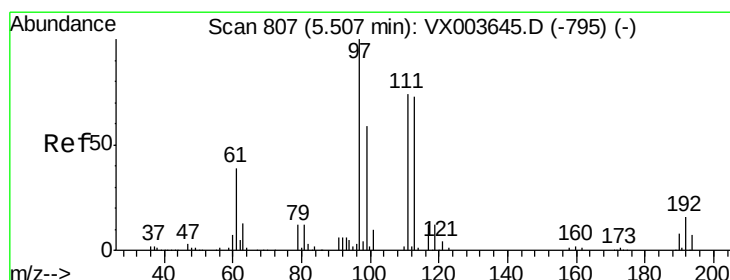
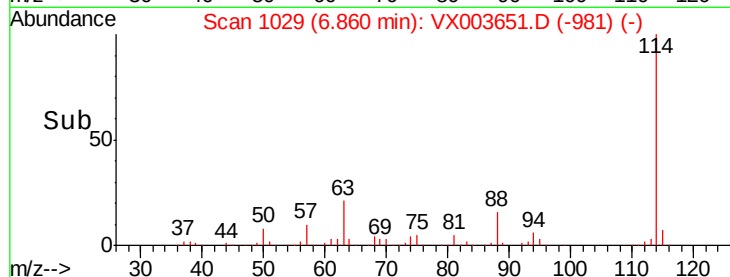
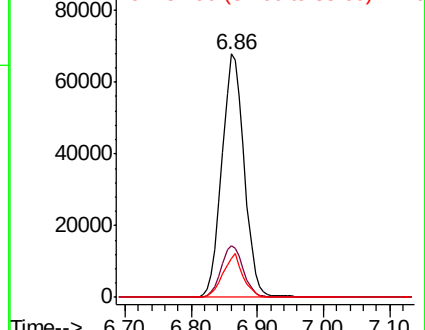
88 15.9 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 55.19 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003651.D

Acq: 25 Jul 2018 11:00

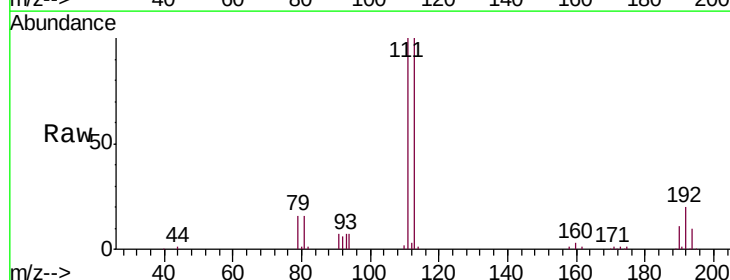
Tgt Ion:113 Resp: 71793

Ion Ratio Lower Upper

113 100

111 99.7 81.2 121.8

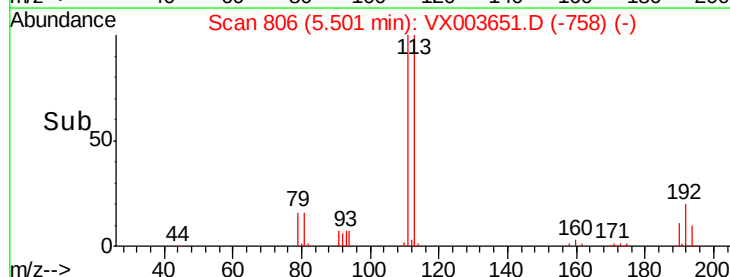
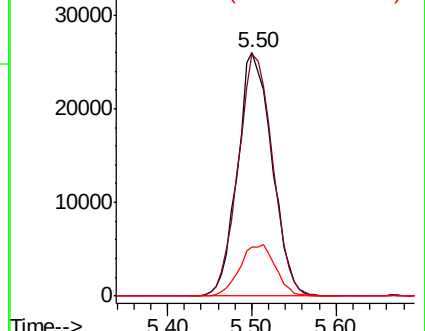
192 21.9 18.2 27.4

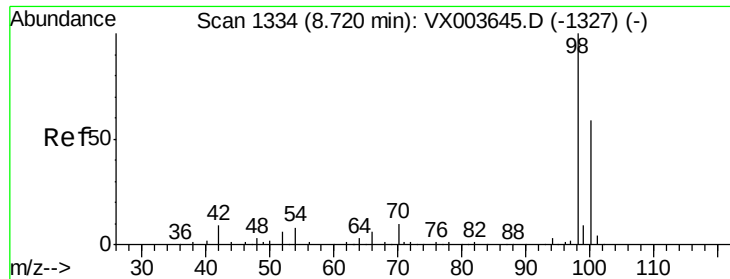


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

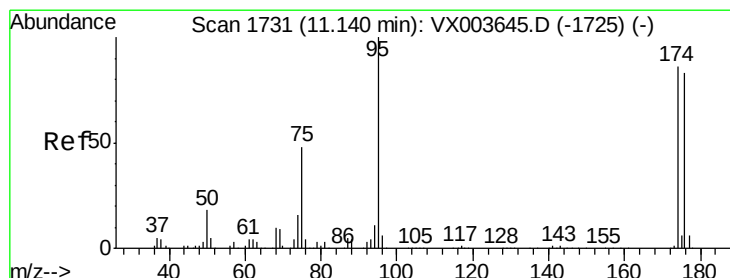
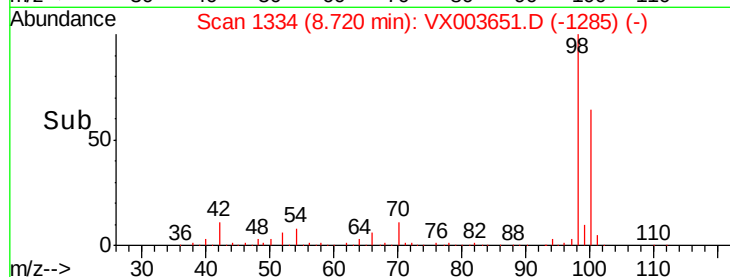
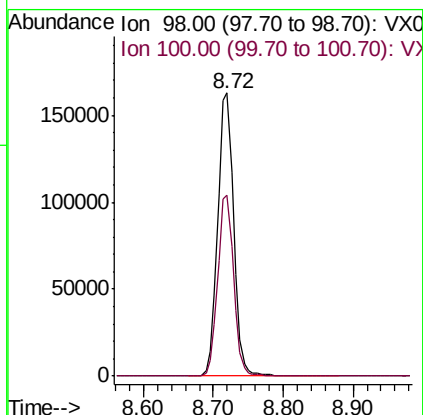
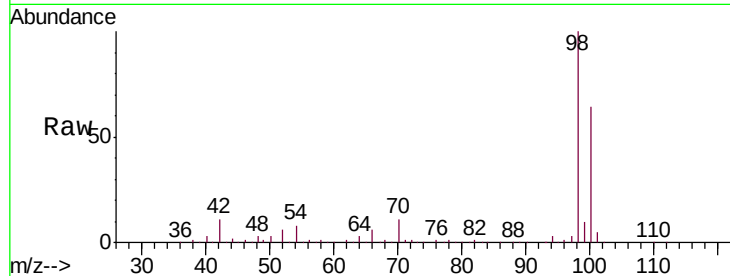




#50
Toluene-d8
Concen: 52.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003651.D
Acq: 25 Jul 2018 11:00

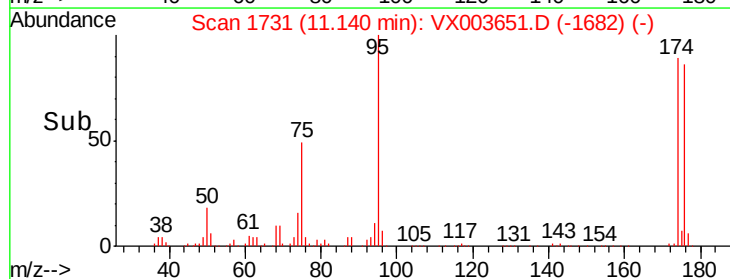
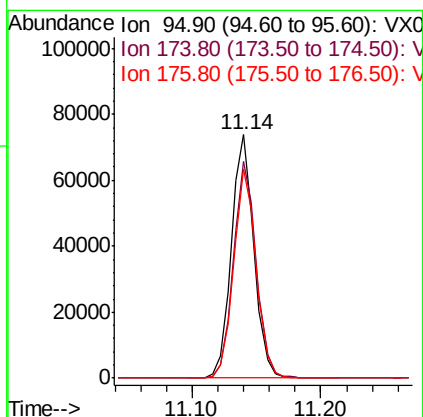
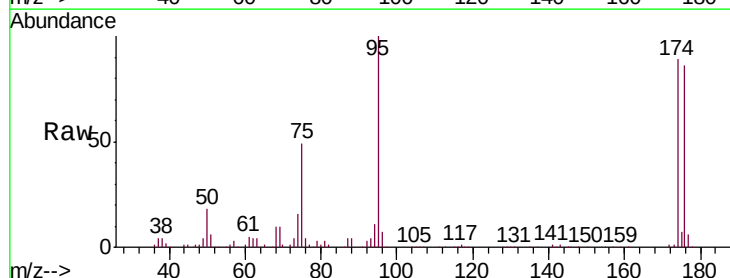
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

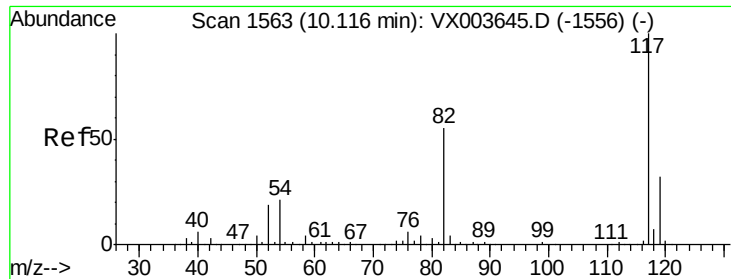
Tot Ion: 98 Resp: 258939
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.82 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003651.D
Acq: 25 Jul 2018 11:00

Tgt Ion: 95 Resp: 90215
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.0
176 85.9 0.0 173.0

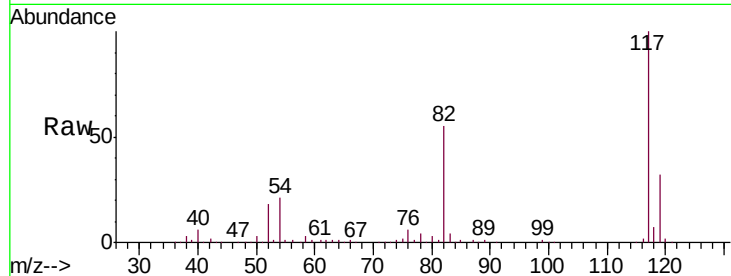




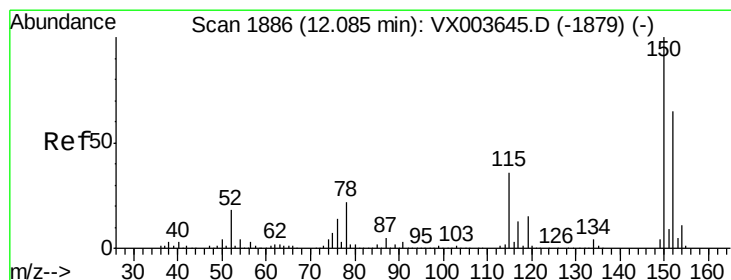
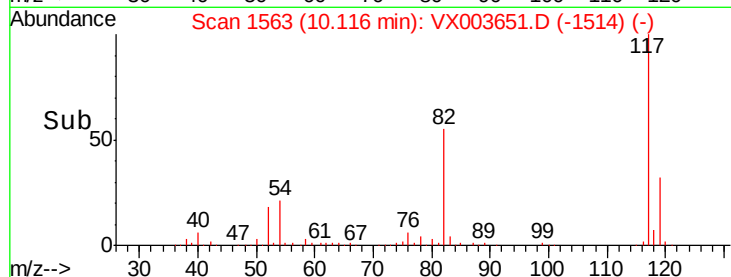
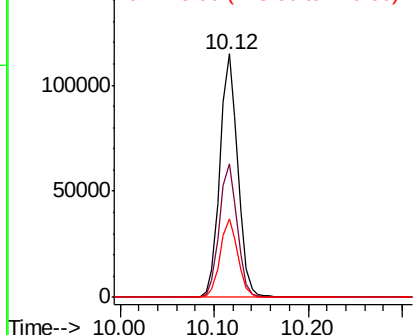
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003651.D
Acq: 25 Jul 2018 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0725WBL01

Tot Ion:117 Resp: 151207
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.1 25.6 38.4

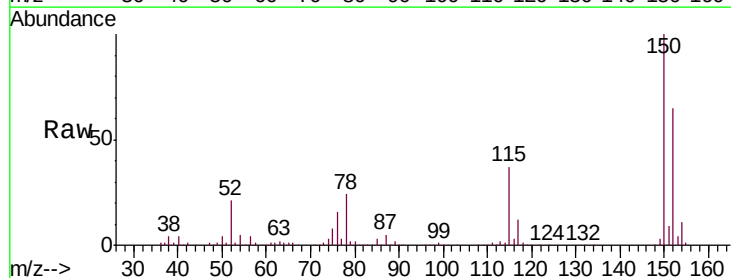


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003651.D
Acq: 25 Jul 2018 11:00

Tgt Ion:152 Resp: 83165
Ion Ratio Lower Upper
152 100
115 55.7 40.0 119.9
150 154.2 0.0 348.4



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

