

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002202.D
 Acq On : 01 Jun 2018 06:56
 Operator : JC/MD
 Sample : J3119-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB04-180521

Quant Time: Jun 01 17:36:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	229399	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.50	113	168748	42.04	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	84.08%	
50) Toluene-d8	8.72	98	672030	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	11.14	95	247642	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	

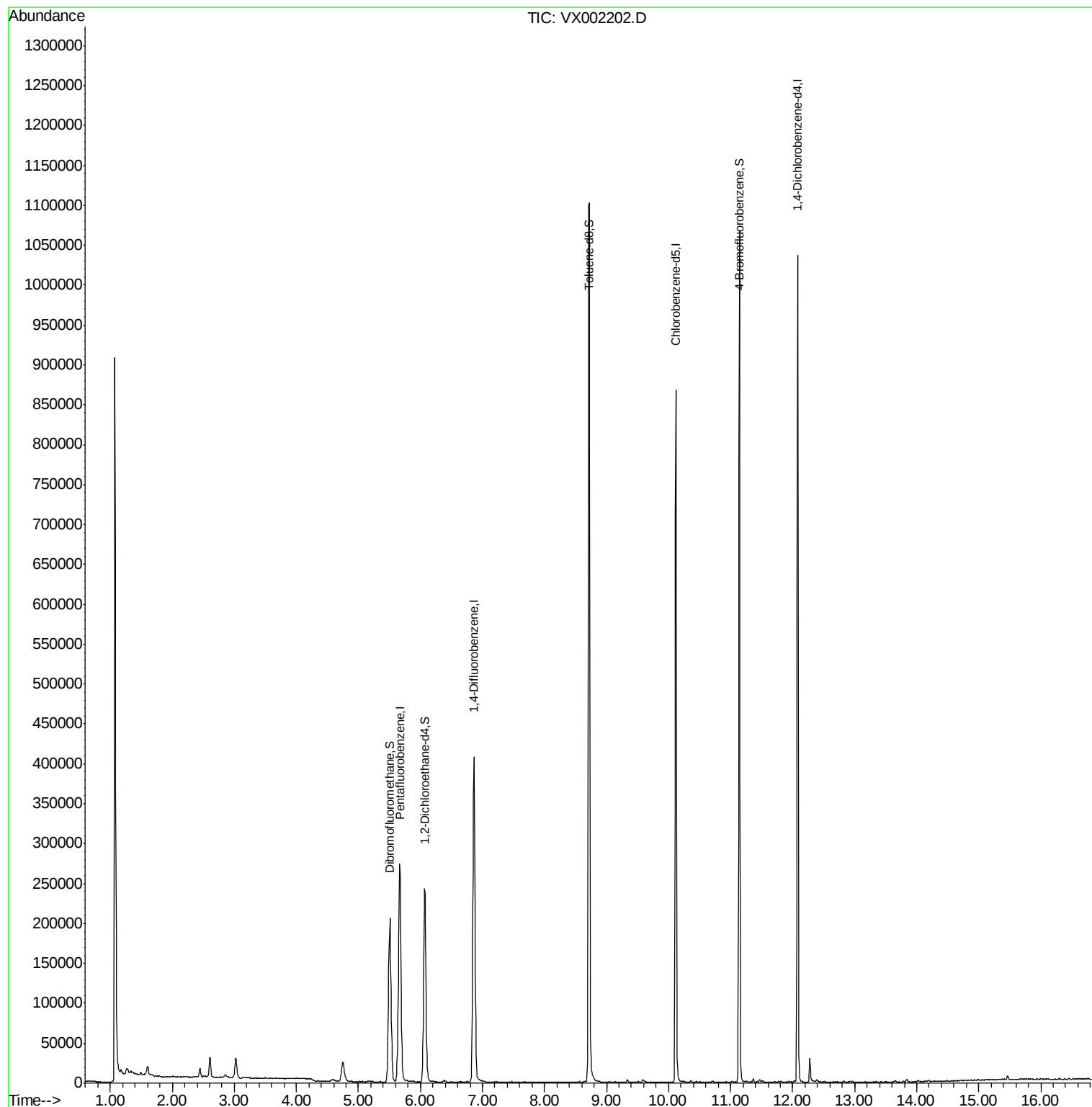
Target Compounds	Qvalue
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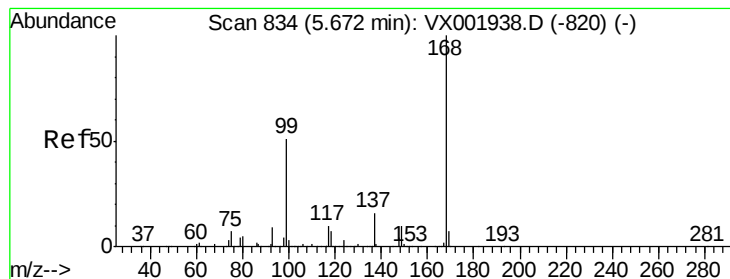
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002202.D

Acq: 01 Jun 2018 06:56

Instrument :

MSVOA_X

ClientSampleId :

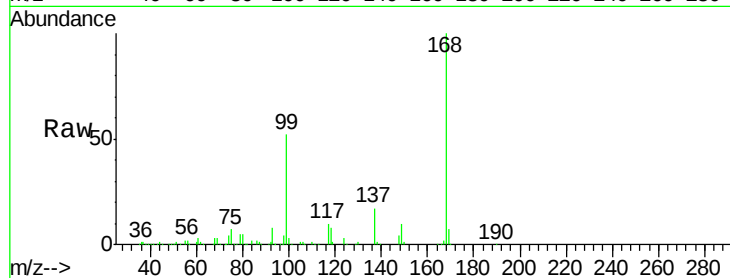
Z4TB04-180521

Tot Ion:168 Resp: 274394

Ion Ratio Lower Upper

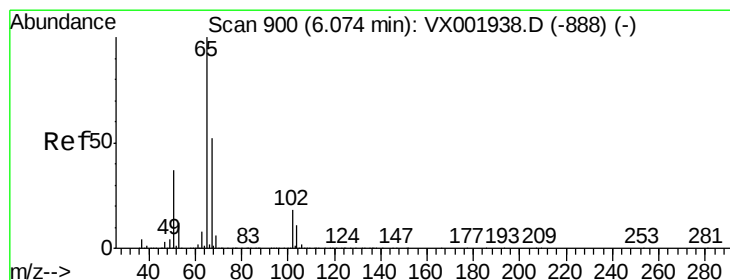
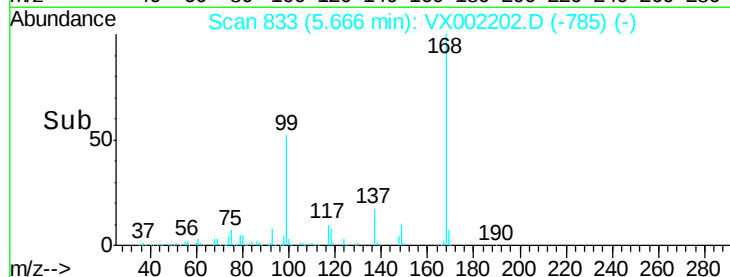
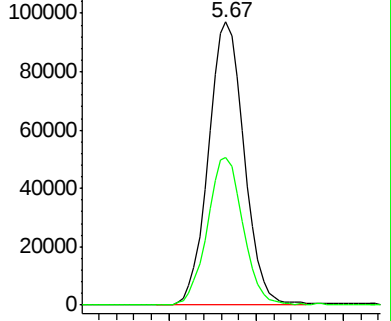
168 100

99 52.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.770 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002202.D

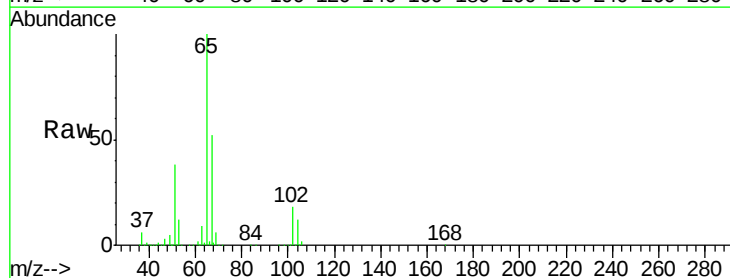
Acq: 01 Jun 2018 06:56

Tgt Ion: 65 Resp: 229399

Ion Ratio Lower Upper

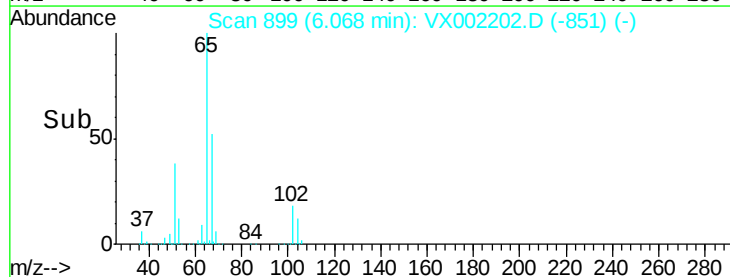
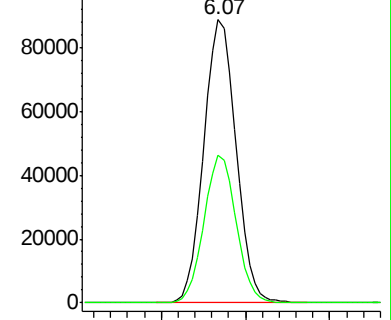
65 100

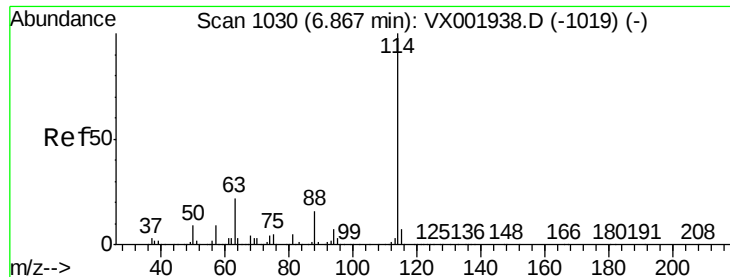
67 52.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002202.D

Acq: 01 Jun 2018 06:56

Instrument :

MSVOA_X

ClientSampleId :

Z4TB04-180521

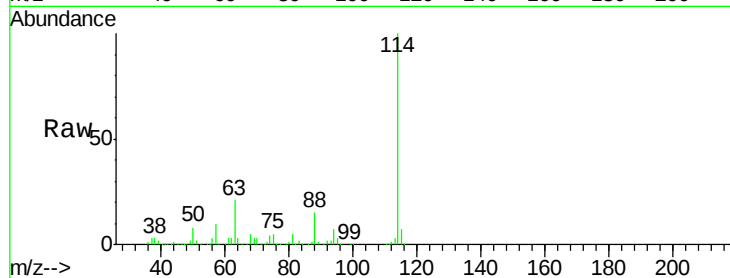
Tot Ion:114 Resp: 401419

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

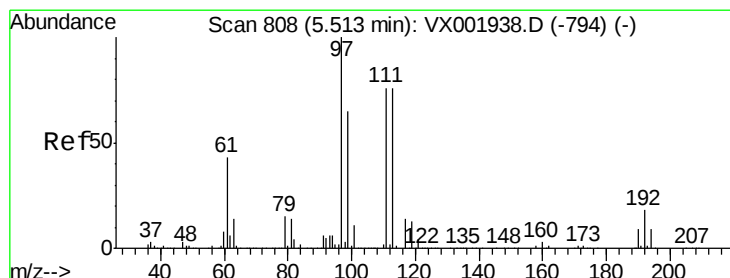
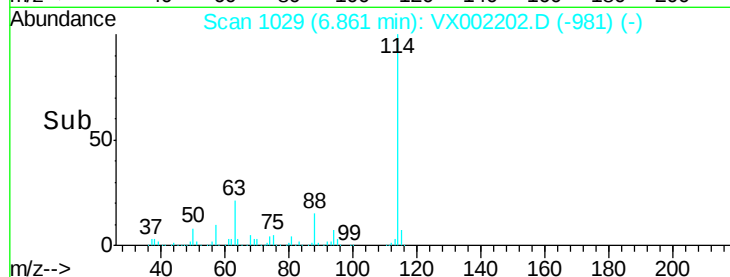
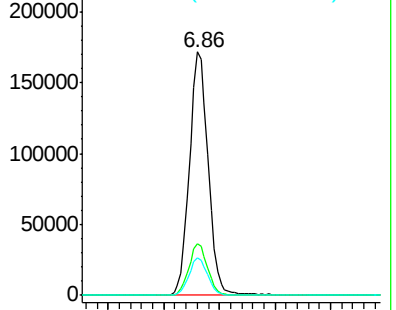
88 15.4 0.0 31.6



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: 42.038 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002202.D

Acq: 01 Jun 2018 06:56

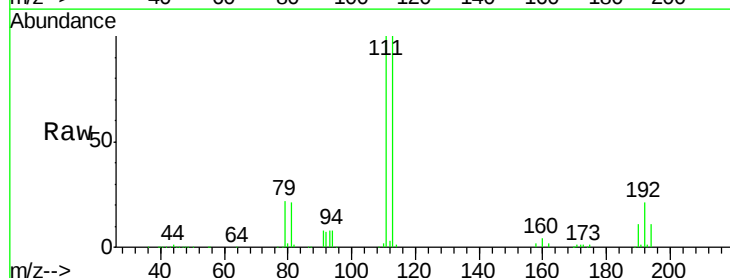
Tgt Ion:113 Resp: 168748

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

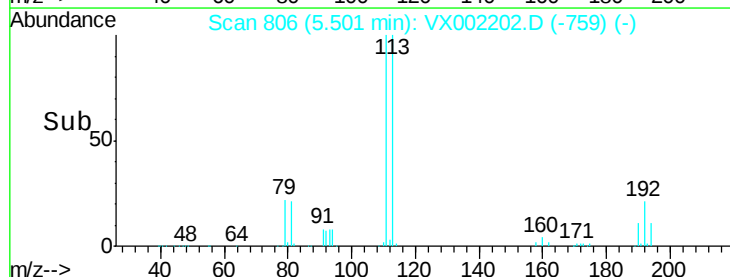
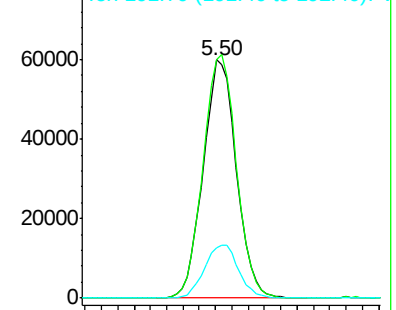
192 23.0 18.9 28.3

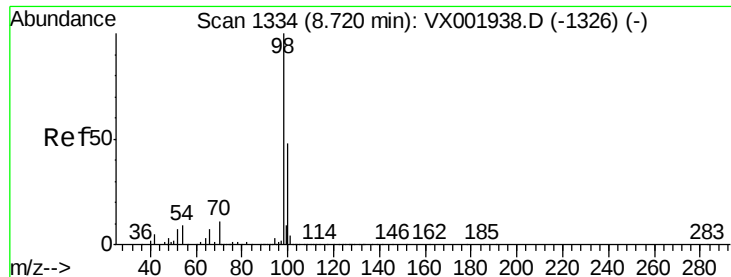


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

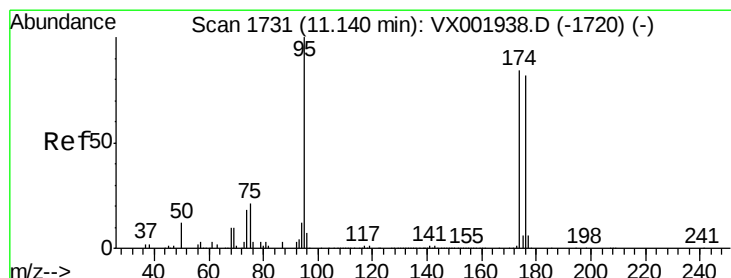
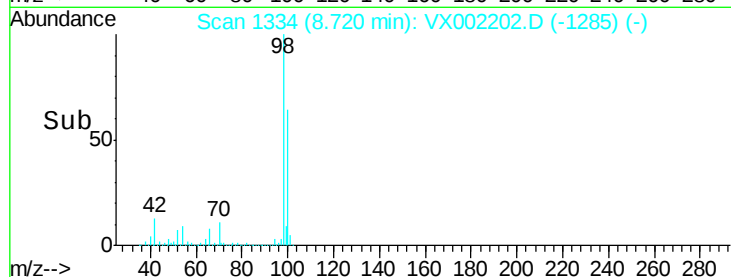
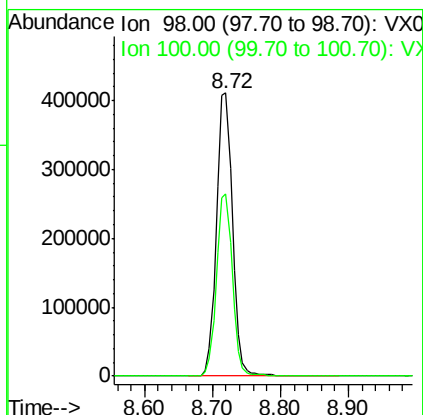
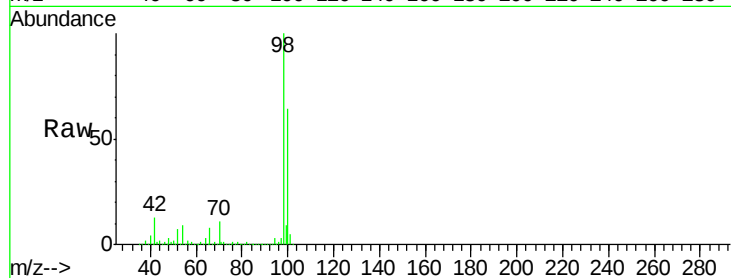




#50
Toluene-d8
Concen: 46.242 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002202.D
Acq: 01 Jun 2018 06:56

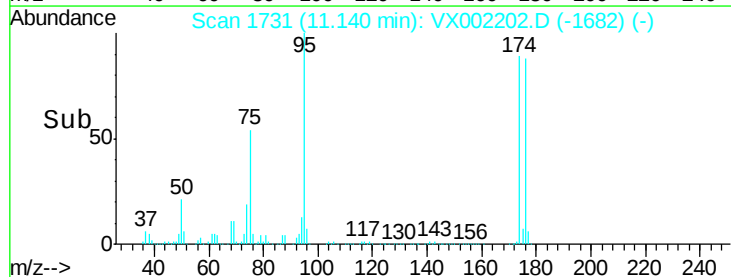
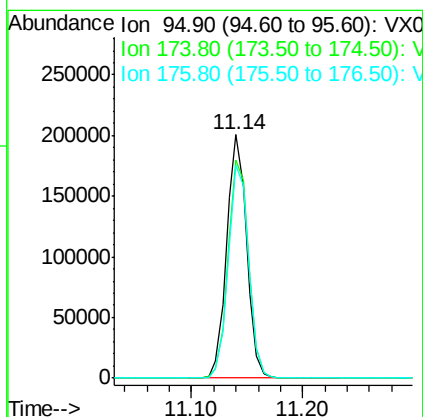
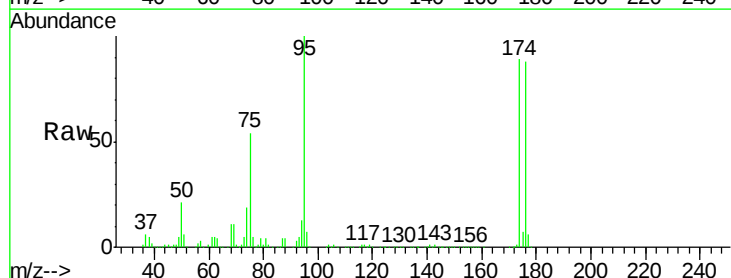
Instrument :
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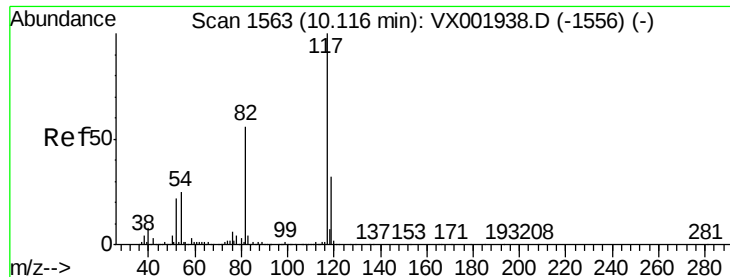
Tot Ion: 98 Resp: 672030
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.552 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002202.D
Acq: 01 Jun 2018 06:56

Tgt Ion: 95 Resp: 247642
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.8
176 89.6 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002202.D

Acq: 01 Jun 2018 06:56

Instrument :

MSVOA_X

ClientSampleId :

Z4TB04-180521

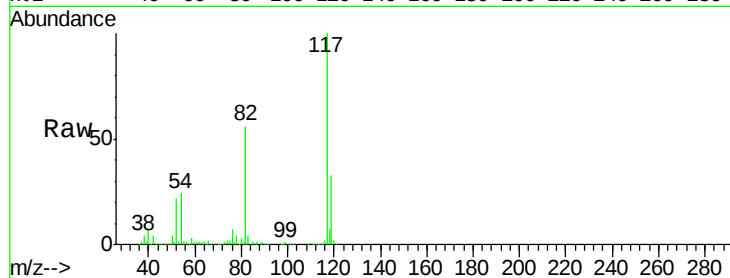
Tot Ion:117 Resp: 370706

Ion Ratio Lower Upper

117 100

82 55.5 44.8 67.2

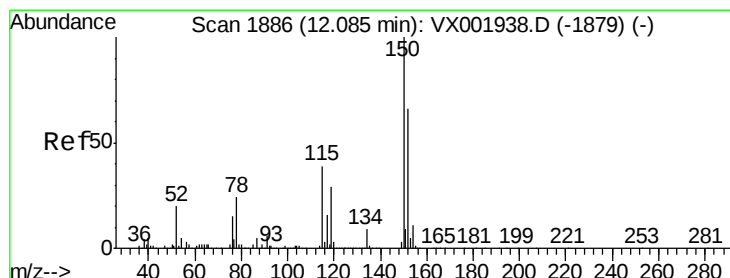
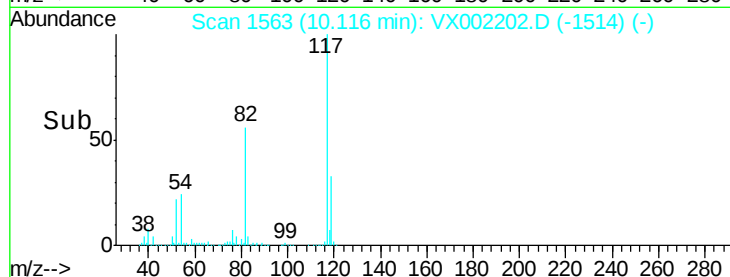
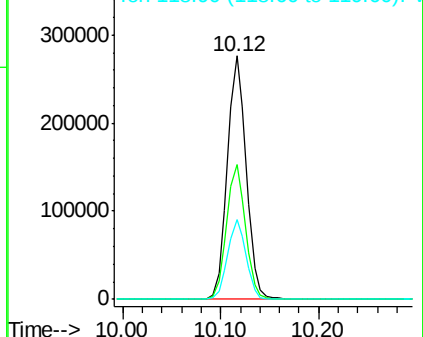
119 32.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX002202.D

Acq: 01 Jun 2018 06:56

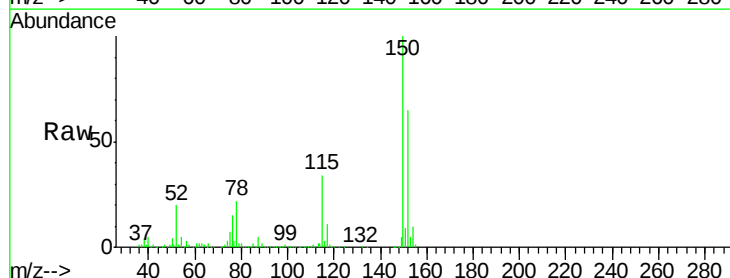
Tgt Ion:152 Resp: 216394

Ion Ratio Lower Upper

152 100

115 54.8 42.3 126.8

150 155.3 0.0 351.0



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

