

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002021.D
 Acq On : 26 May 2018 16:19
 Operator : JC/MD
 Sample : J3118-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB02-180521

Quant Time: May 30 12:08:53 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	331606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	464278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	281487	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	5.51	113	219201	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	8.72	98	855775	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	306135	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

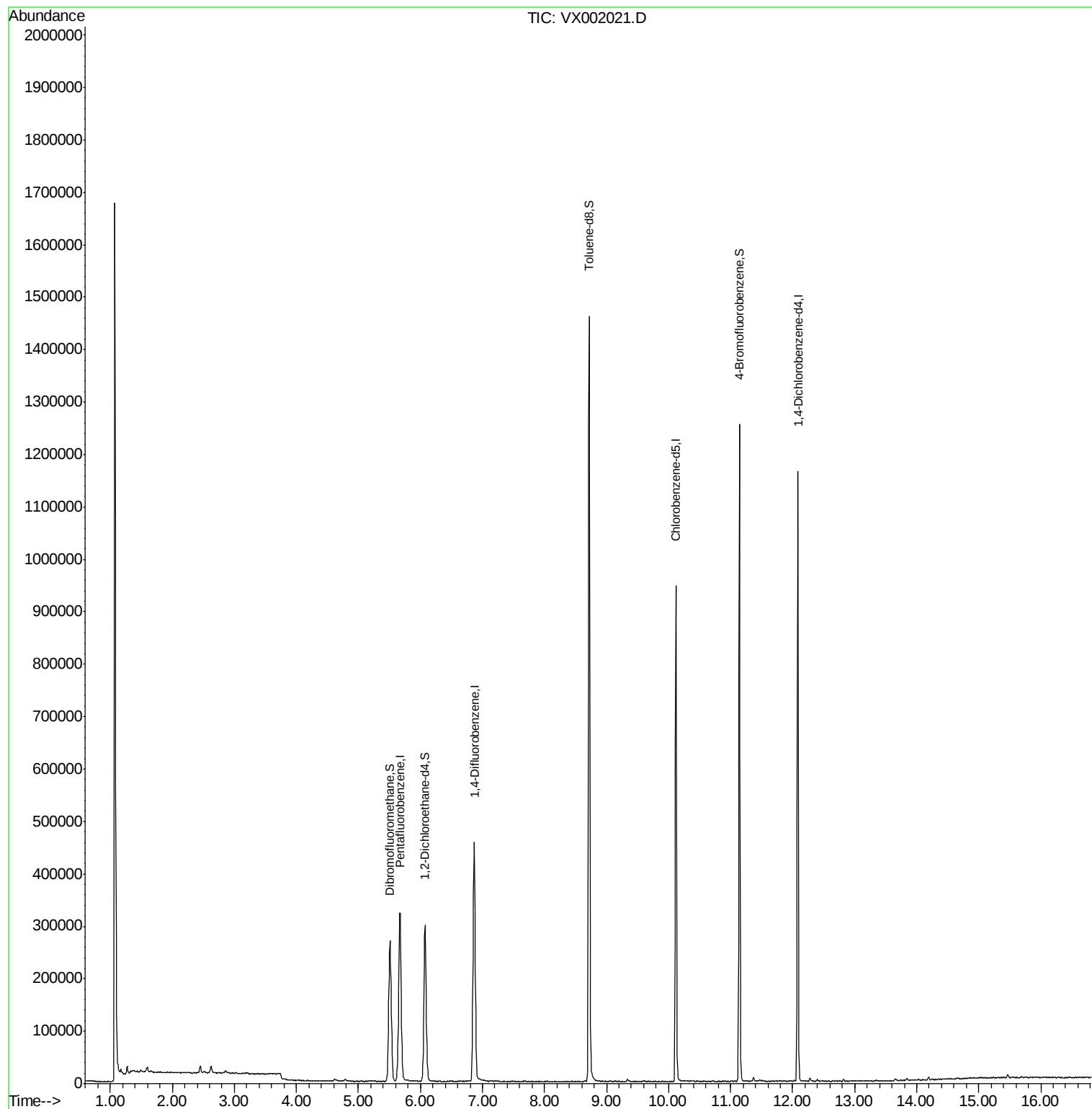
Target Compounds	Qvalue

(#) = 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# 834

Delta R.T. -0.00 min

Lab File: VX002021.D

Acq: 26 May 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

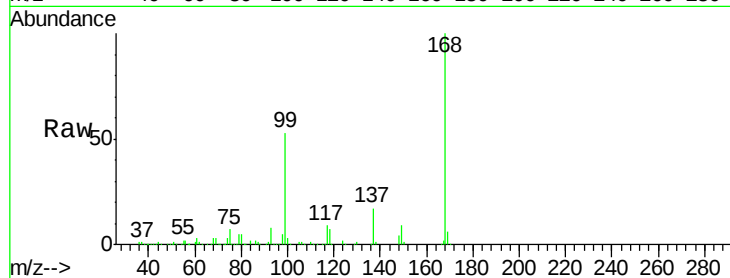
Z4TB02-180521

Tot Ion:168 Resp: 331606

Ion Ratio Lower Upper

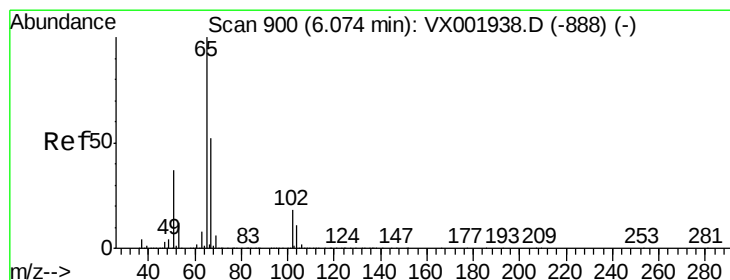
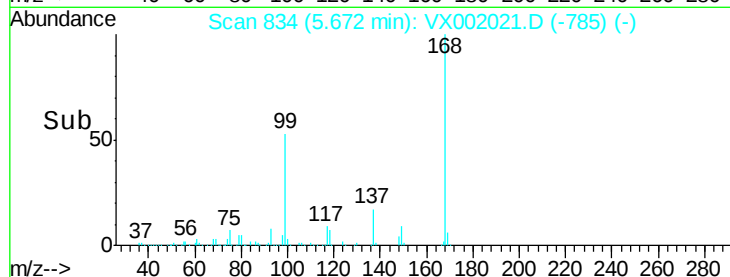
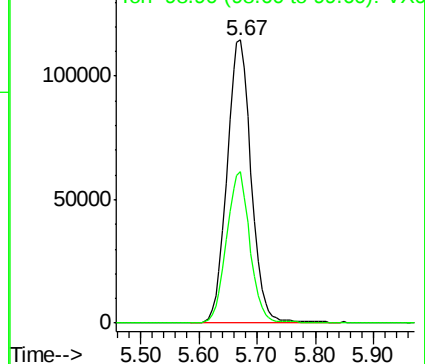
168 100

99 53.4 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: 47.49 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002021.D

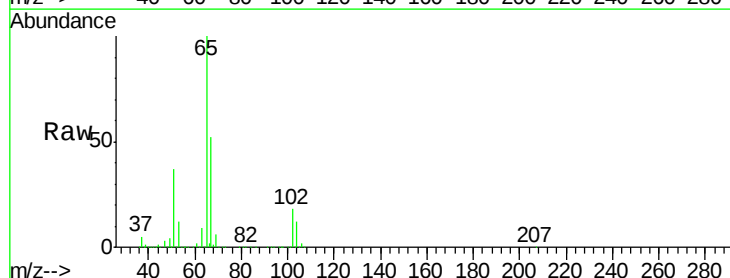
Acq: 26 May 2018 16:19

Tgt Ion: 65 Resp: 281487

Ion Ratio Lower Upper

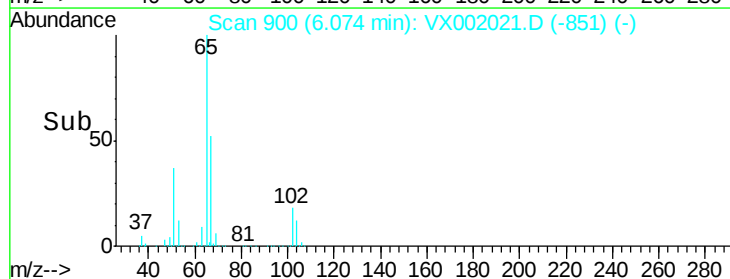
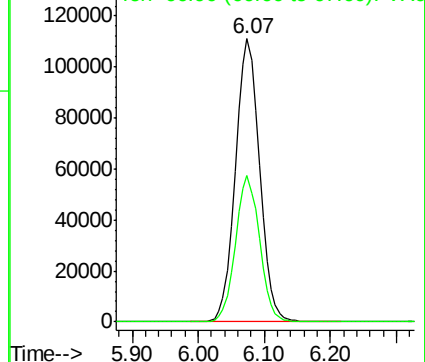
65 100

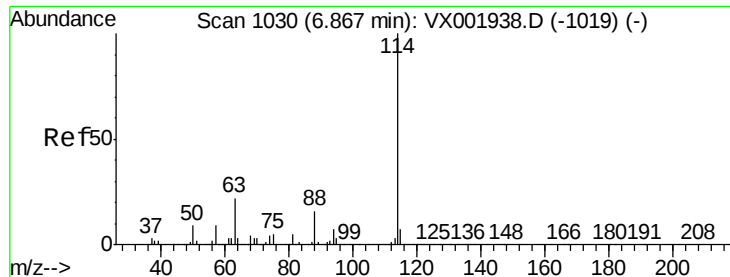
67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002021.D

Acq: 26 May 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

Z4TB02-180521

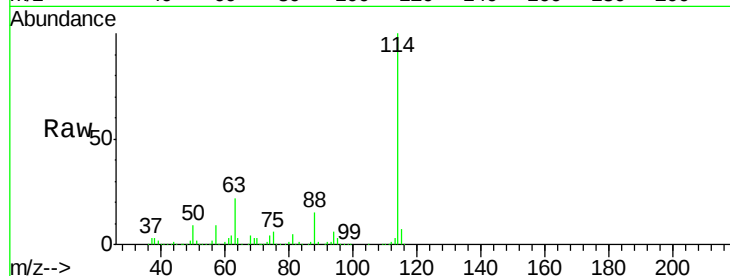
Tot Ion:114 Resp: 464278

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

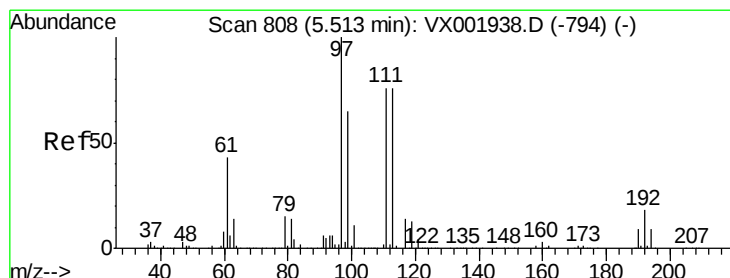
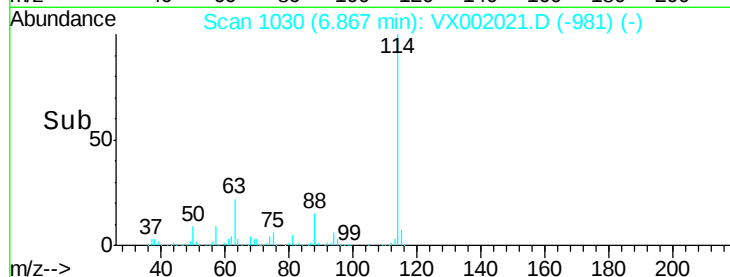
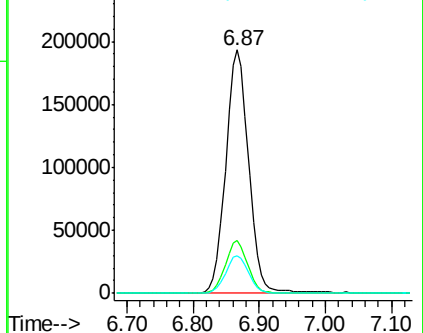
88 15.5 0.0 31.6



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: 47.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002021.D

Acq: 26 May 2018 16:19

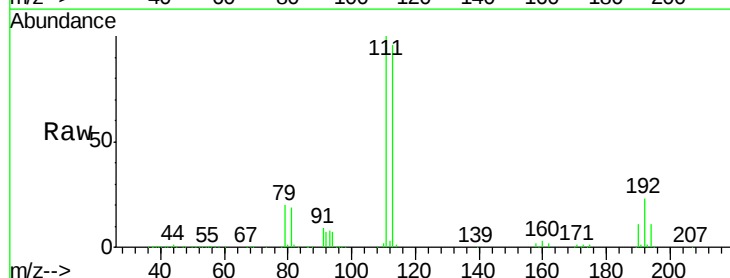
Tgt Ion:113 Resp: 219201

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

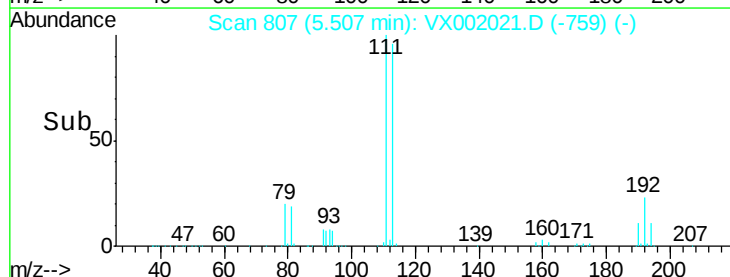
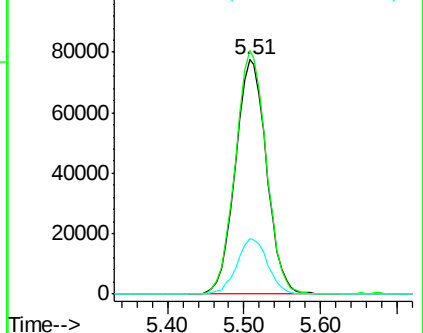
192 23.6 18.9 28.3

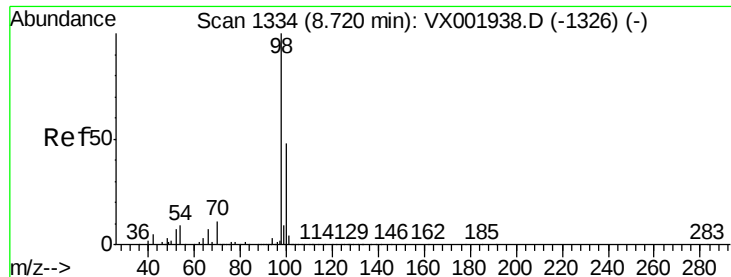


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002021.D

Acq: 26 May 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

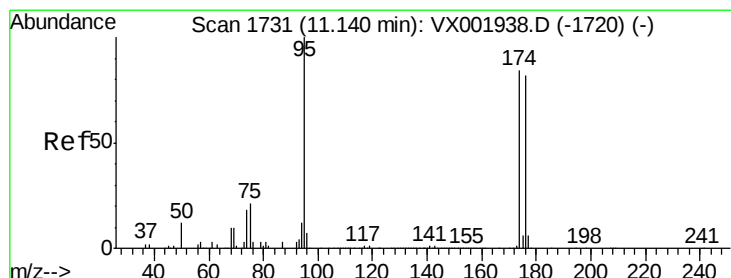
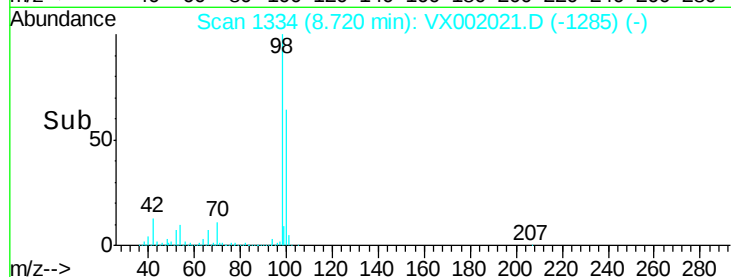
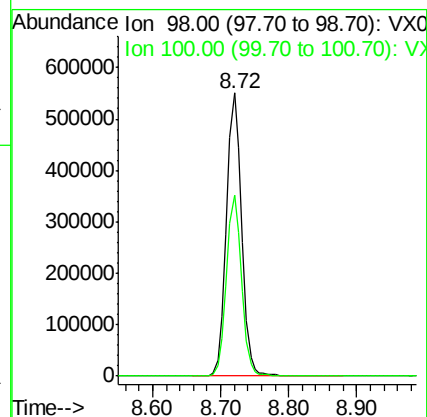
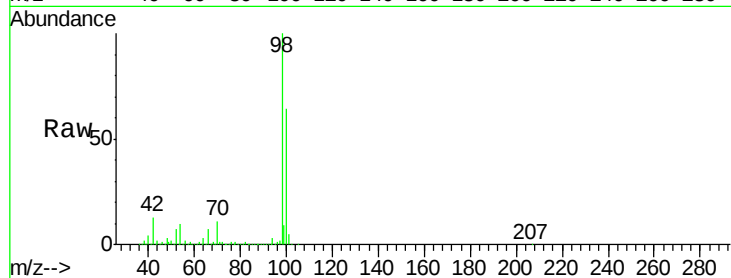
Z4TB02-180521

Tot Ion: 98 Resp: 855775

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002021.D

Acq: 26 May 2018 16:19

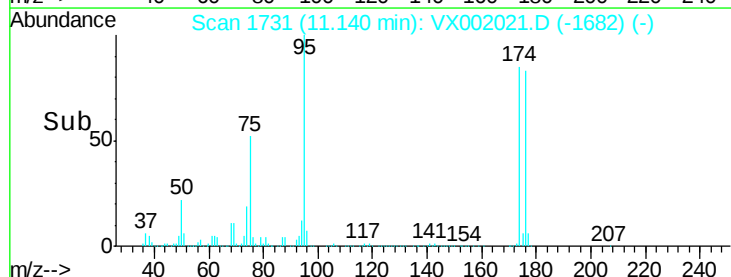
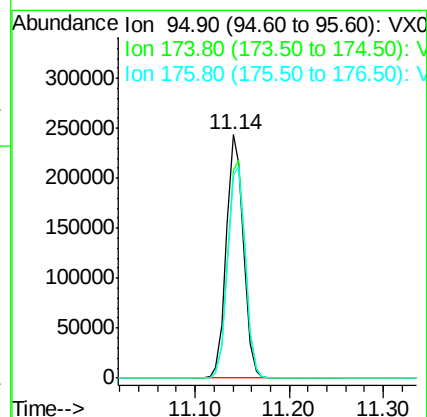
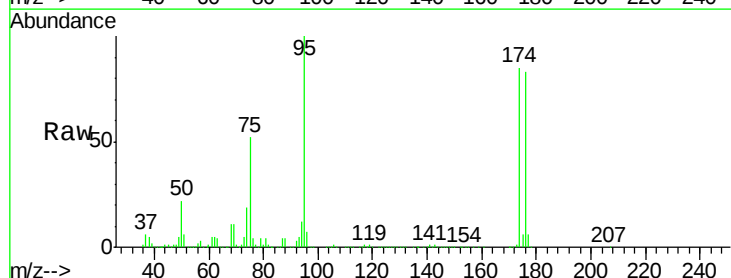
Tgt Ion: 95 Resp: 306135

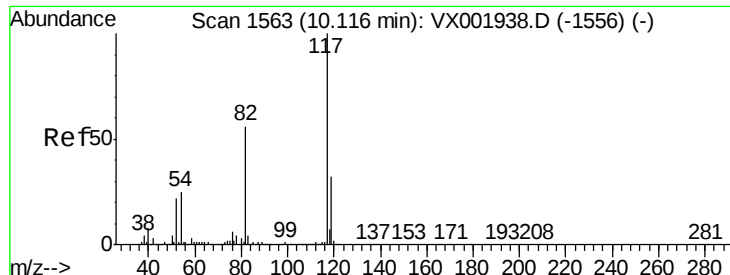
Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.8

176 89.8 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002021.D

Acq: 26 May 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

Z4TB02-180521

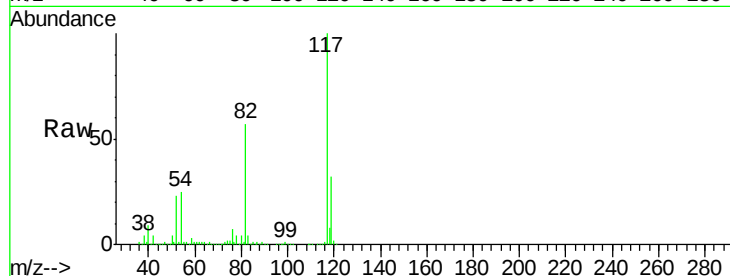
Tot Ion:117 Resp: 416514

Ion Ratio Lower Upper

117 100

82 57.3 44.8 67.2

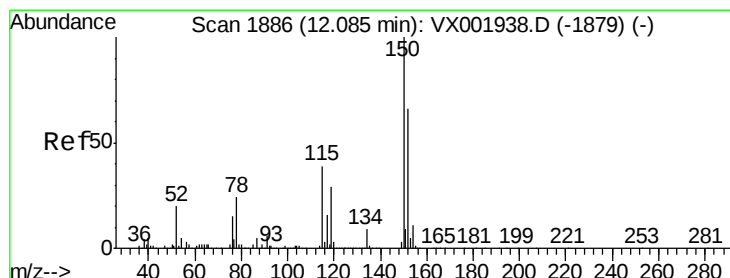
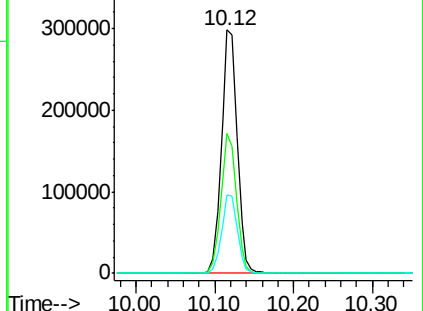
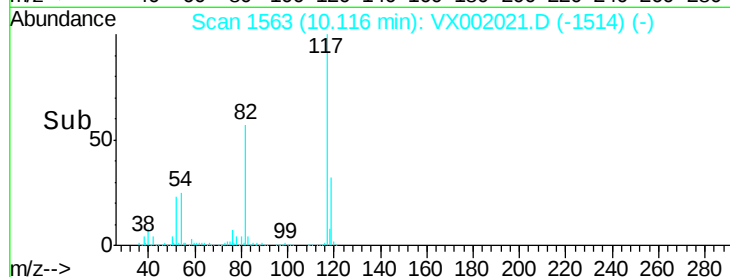
119 32.5 25.5 38.3



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: VX002021.D

Acq: 26 May 2018 16:19

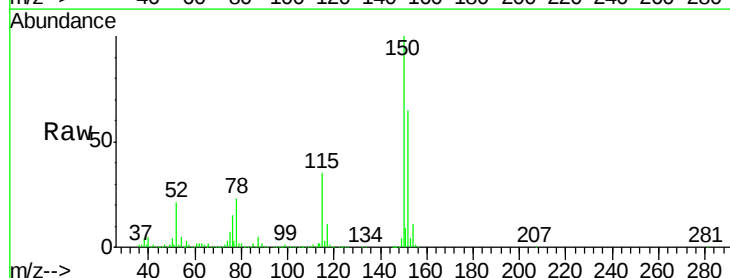
Tgt Ion:152 Resp: 232317

Ion Ratio Lower Upper

152 100

115 56.0 42.3 126.8

150 155.5 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

