

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX002007.D
 Acq On : 26 May 2018 05:28
 Operator : JC/MD
 Sample : J3065-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

Quant Time: Jun 01 14:45:56 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

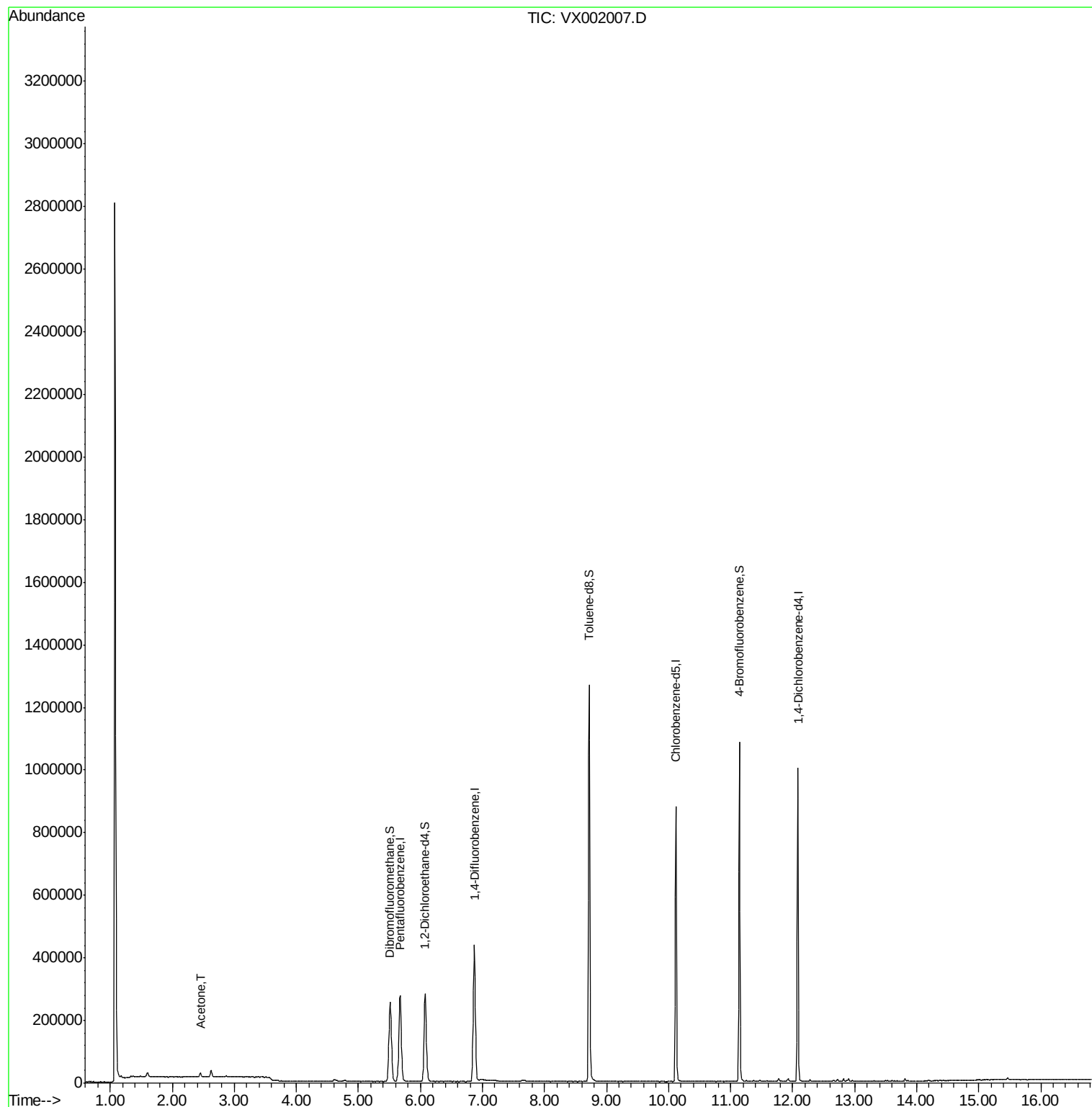
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	278323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	431675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	265794	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
35) Dibromofluoromethane	5.51	113	208993	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	8.72	98	740783	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.14	95	266699	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
16) Acetone	2.45	43	13580	7.07	ug/l	Qvalue 99

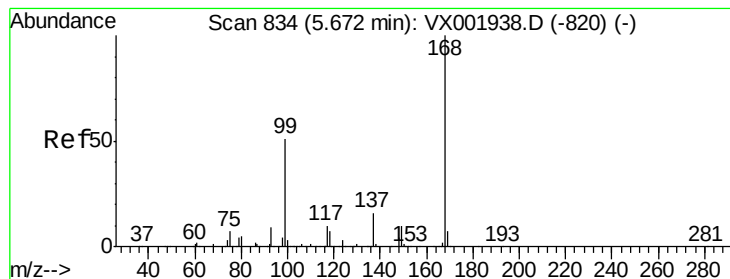
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX002007.D

Acq: 26 May 2018 05:28

Instrument :

MSVOA_X

ClientSampleId :

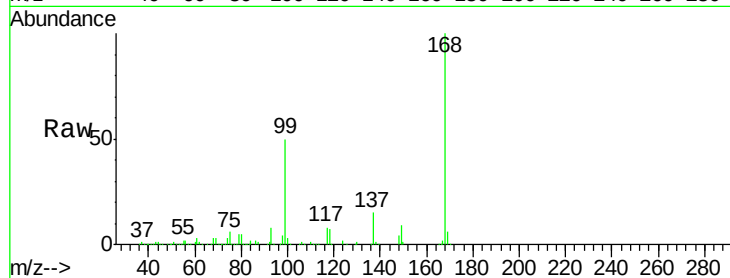
MW-35

Tot Ion:168 Resp: 278323

Ion Ratio Lower Upper

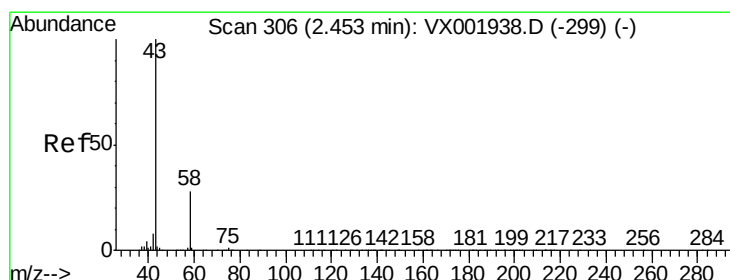
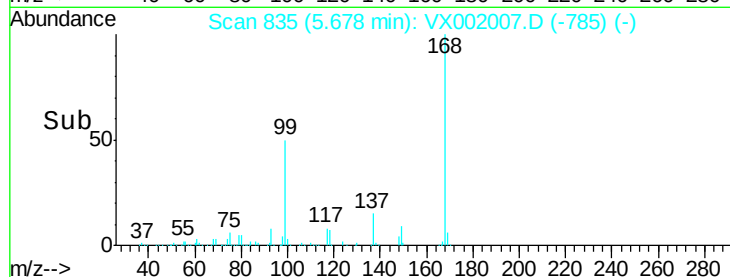
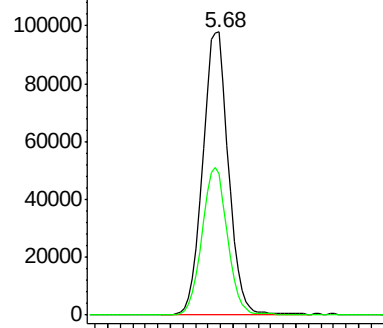
168 100

99 49.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.07 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002007.D

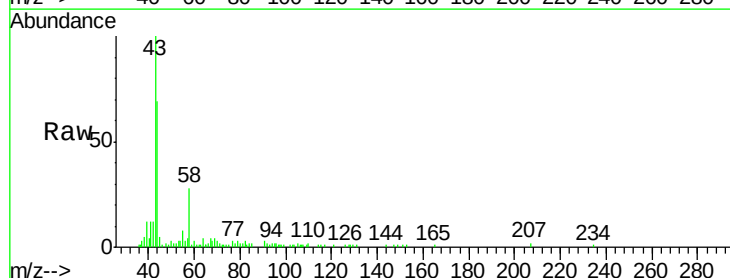
Acq: 26 May 2018 05:28

Tgt Ion: 43 Resp: 13580

Ion Ratio Lower Upper

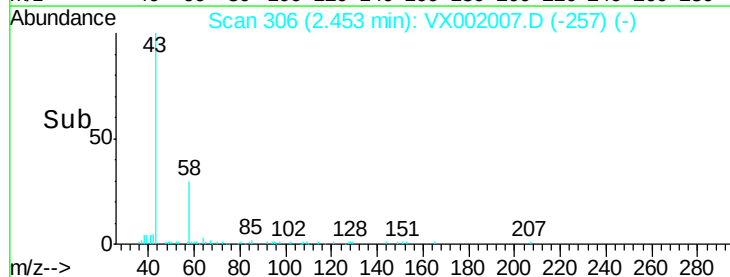
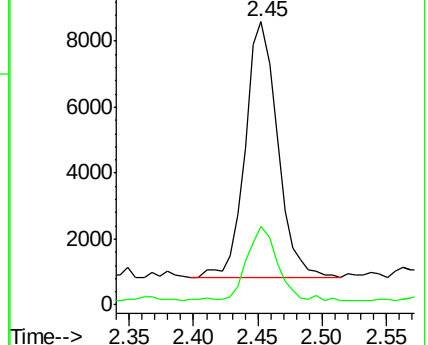
43 100

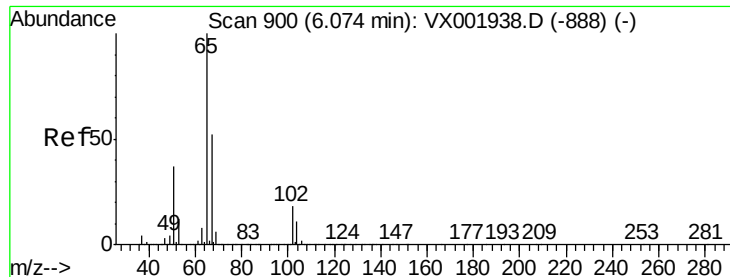
58 28.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

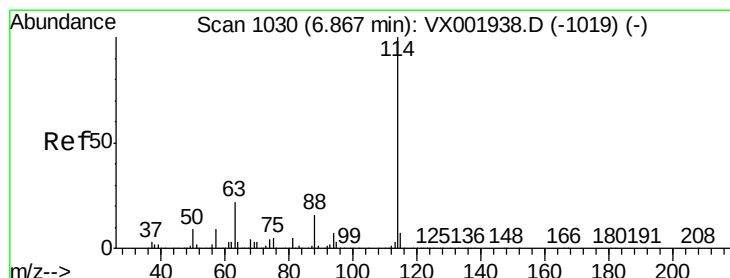
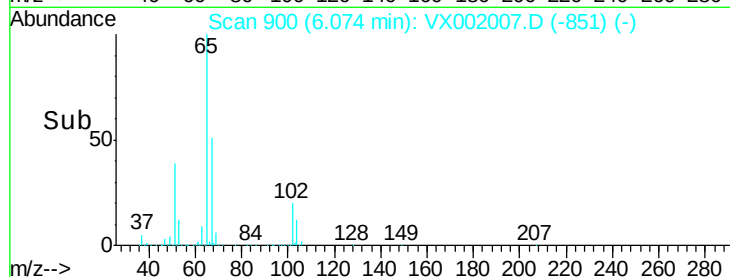
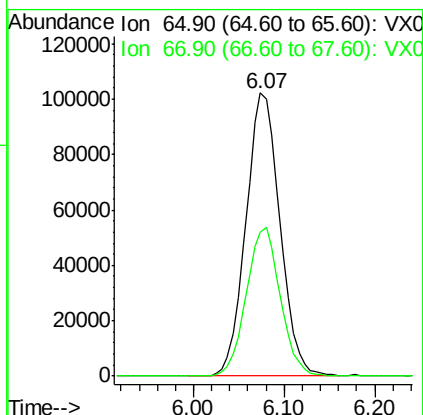
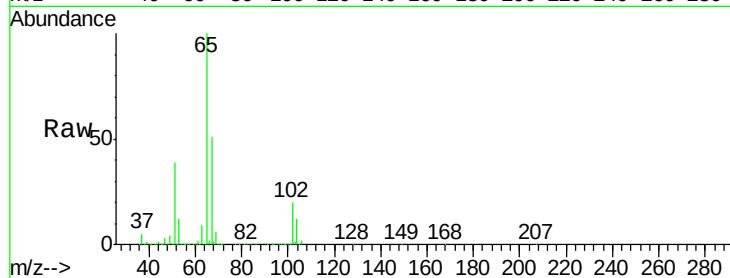




#33
 1,2-Dichloroethane-d4
 Concen: 53.43 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002007.D
 Acq: 26 May 2018 05:28

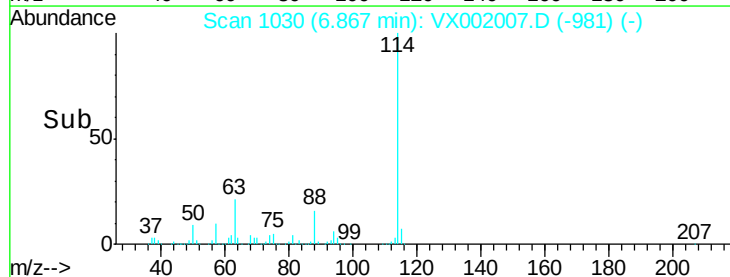
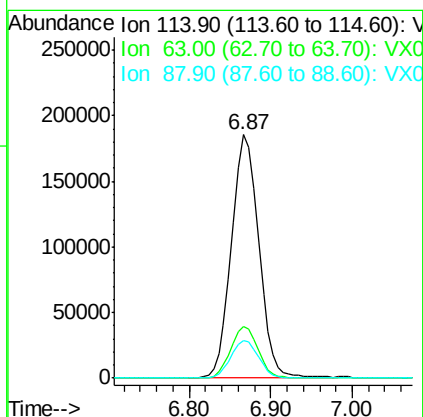
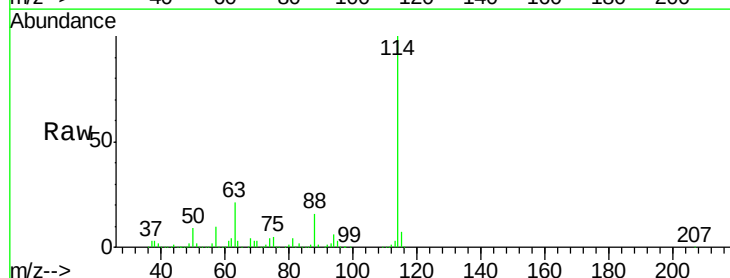
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

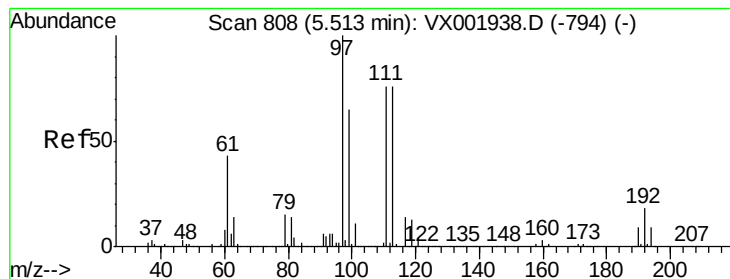
Tot Ion: 65 Resp: 265794
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002007.D
 Acq: 26 May 2018 05:28

Tgt Ion: 114 Resp: 431675
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.41 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002007.D

Acq: 26 May 2018 05:28

Instrument :

MSVOA_X

ClientSampleId :

MW-35

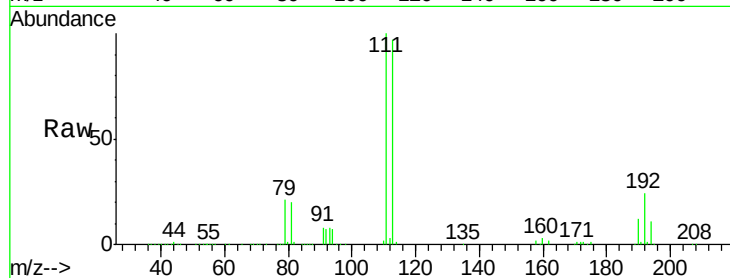
Tot Ion:113 Resp: 208993

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

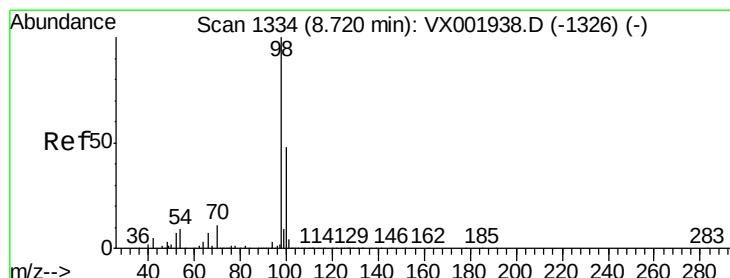
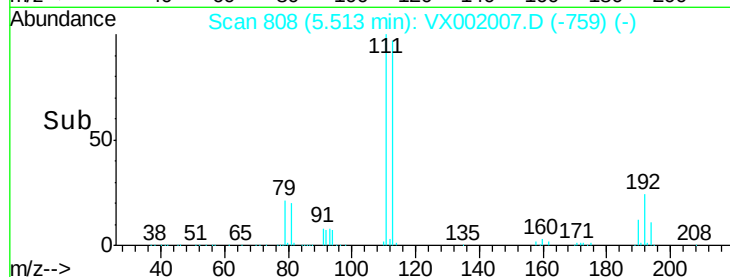
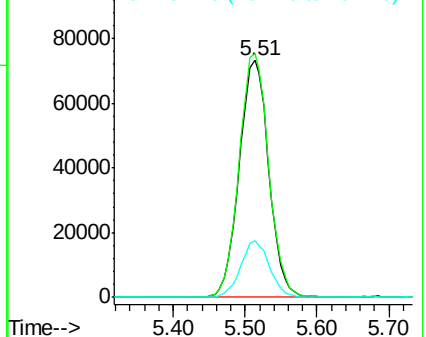
192 23.4 18.9 28.3



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: 47.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002007.D

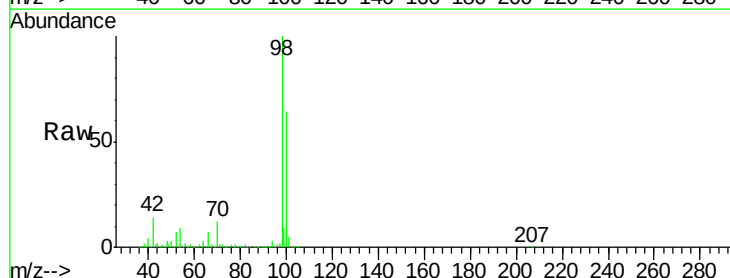
Acq: 26 May 2018 05:28

Tgt Ion: 98 Resp: 740783

Ion Ratio Lower Upper

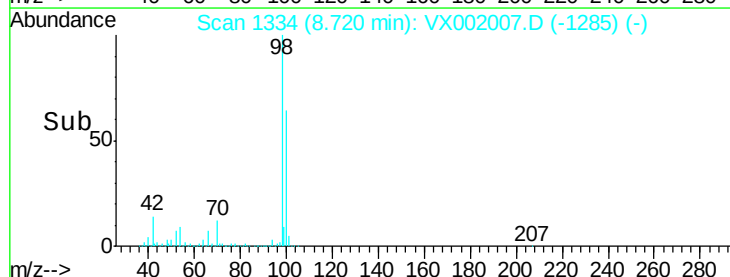
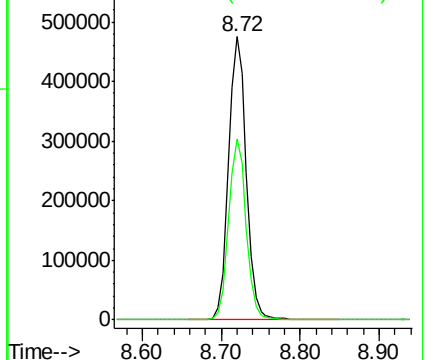
98 100

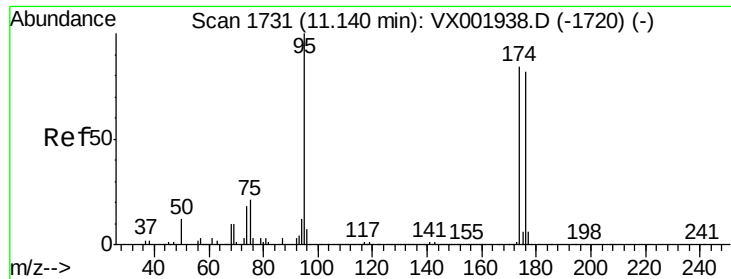
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

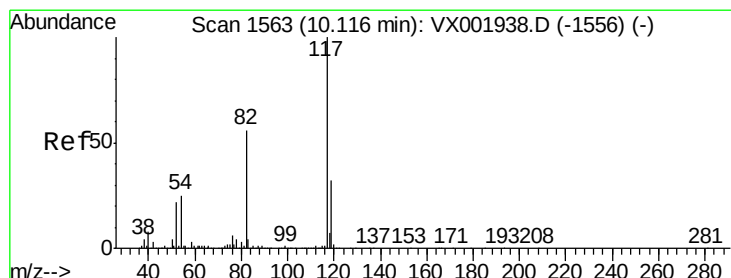
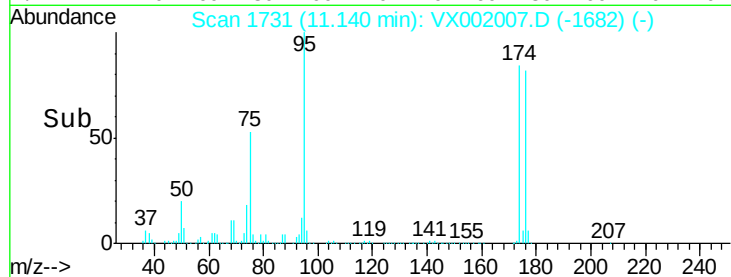
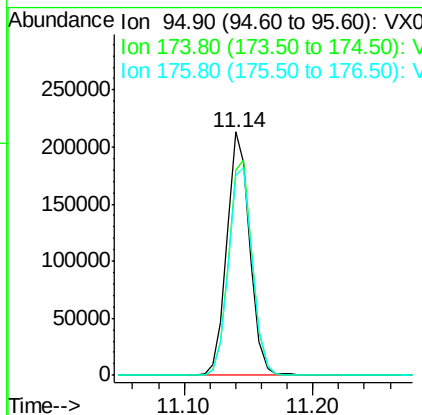
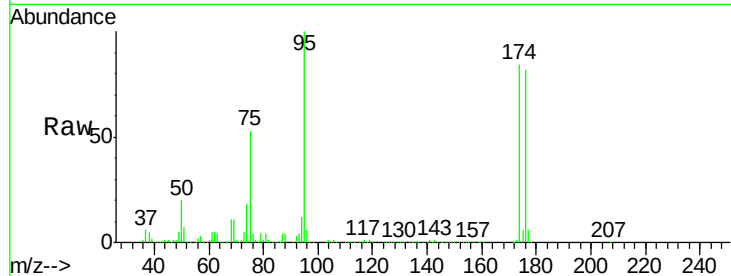




#62
4-Bromofluorobenzene
Concen: 43.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002007.D
Acq: 26 May 2018 05:28

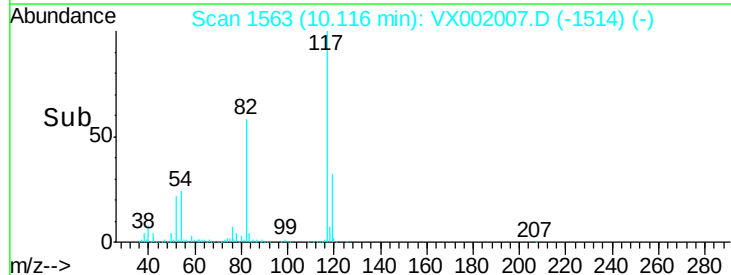
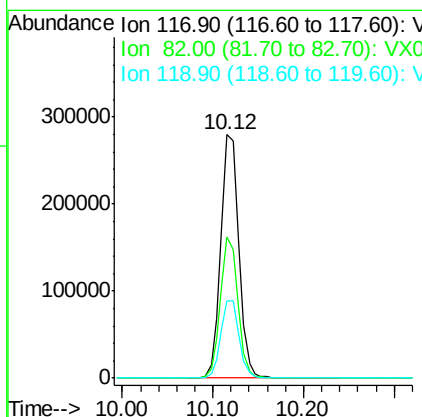
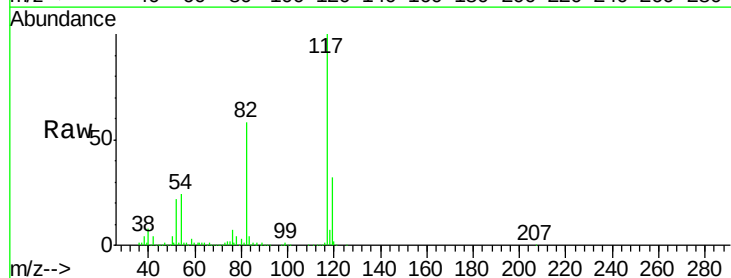
Instrument :
MSVOA_X
ClientSampled :
MW-35

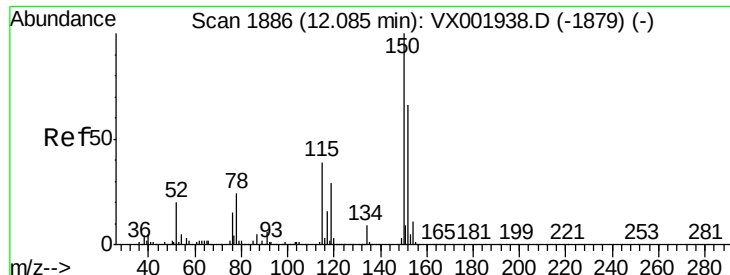
Tot Ion: 95 Resp: 266699
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.8
176 89.0 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002007.D
Acq: 26 May 2018 05:28

Tgt Ion: 117 Resp: 391349
Ion Ratio Lower Upper
117 100
82 58.0 44.8 67.2
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002007.D

Acq: 26 May 2018 05:28

Instrument :

MSVOA_X

ClientSampleId :

MW-35

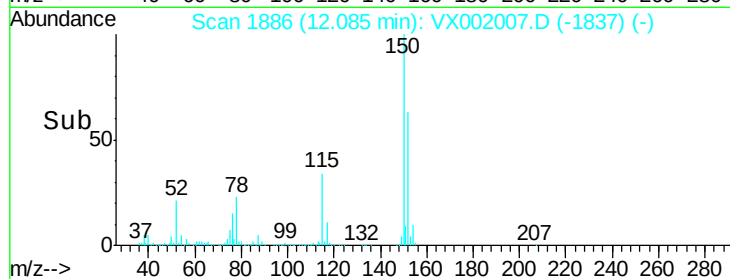
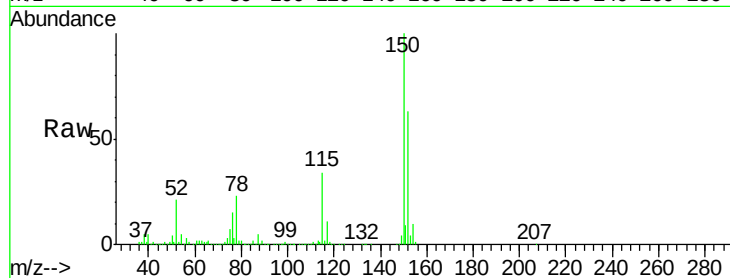
Tot Ion:152 Resp: 205531

Ion Ratio Lower Upper

152 100

115 54.8 42.3 126.8

150 155.8 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

