

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002168.D
 Acq On : 31 May 2018 06:09
 Operator : JC/MD
 Sample : J3185-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: May 31 07:11:06 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

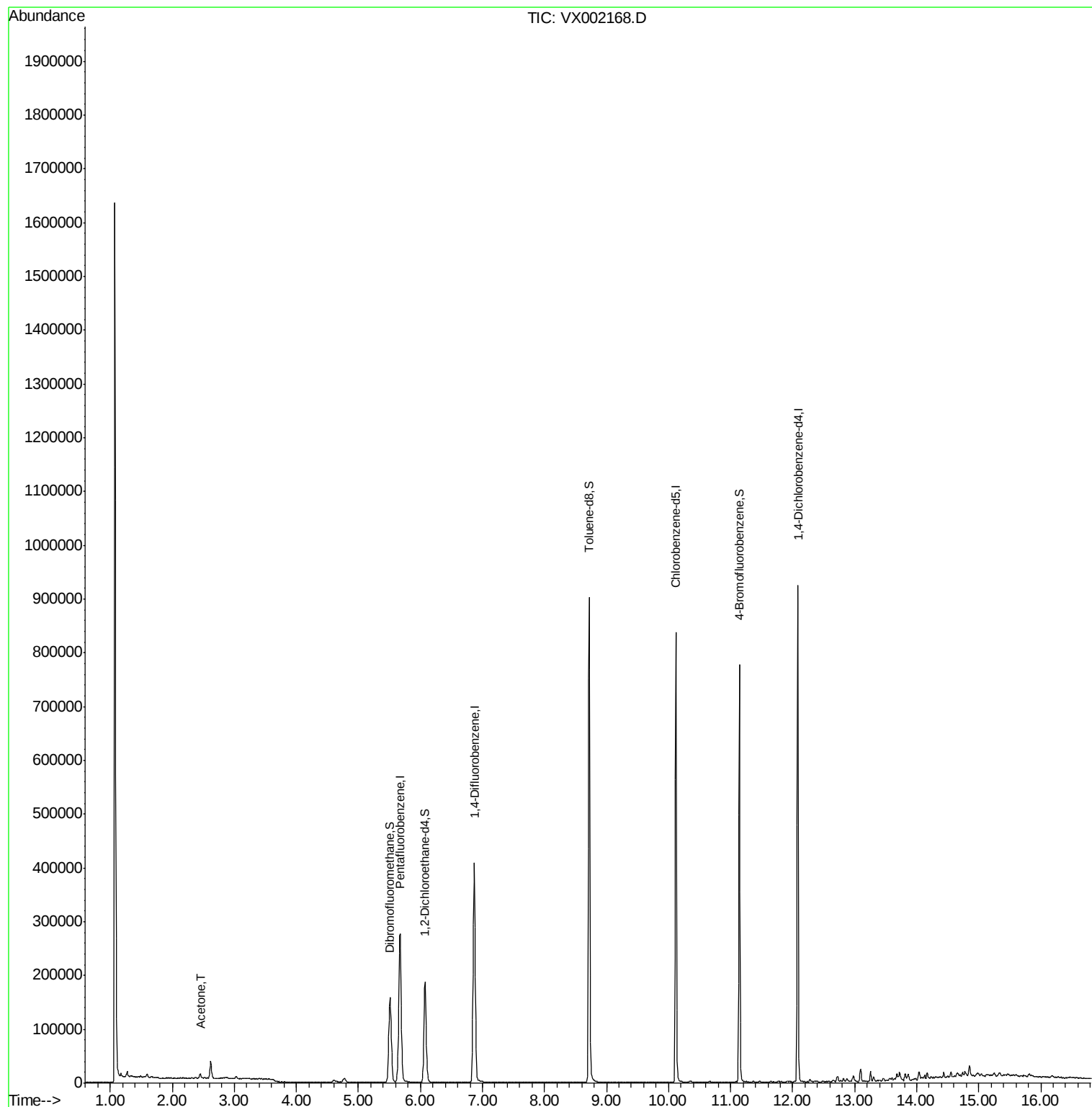
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177710	36.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.24%	
35) Dibromofluoromethane	5.51	113	130777	32.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.50%	
50) Toluene-d8	8.72	98	527326	36.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.94%	
62) 4-Bromofluorobenzene	11.14	95	185454	32.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.56%	
Target Compounds						
16) Acetone	2.45	43	10039	5.29	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: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002168.D

Acq: 31 May 2018 06:09

Instrument :

MSVOA_X

ClientSampleId :

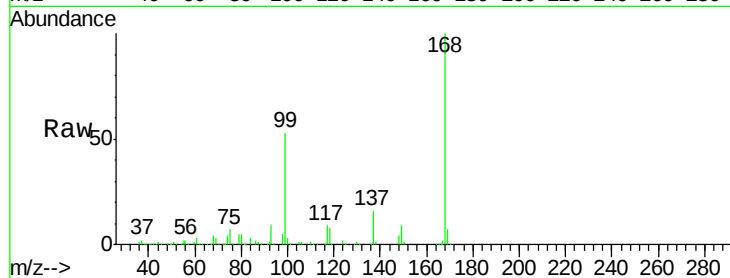
MW-26

Tot Ion:168 Resp: 275221

Ion Ratio Lower Upper

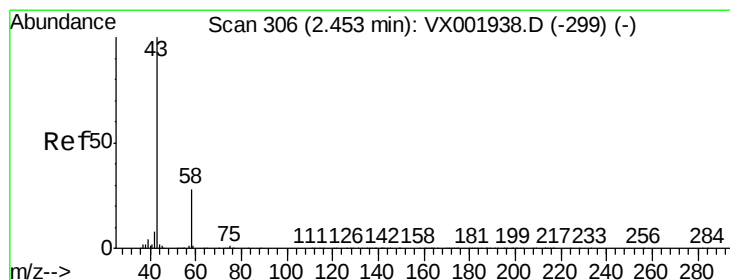
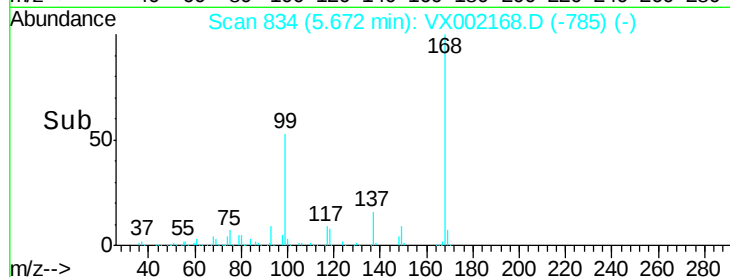
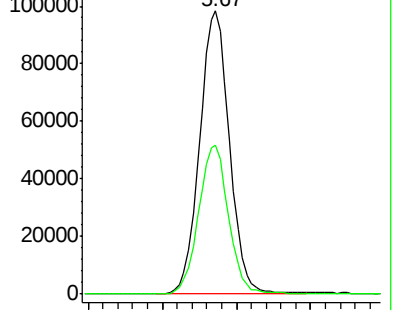
168 100

99 52.8 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: 5.29 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002168.D

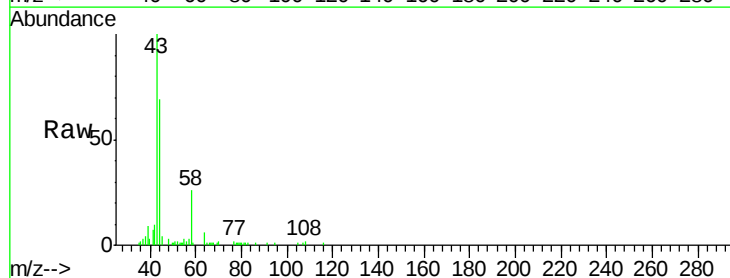
Acq: 31 May 2018 06:09

Tgt Ion: 43 Resp: 10039

Ion Ratio Lower Upper

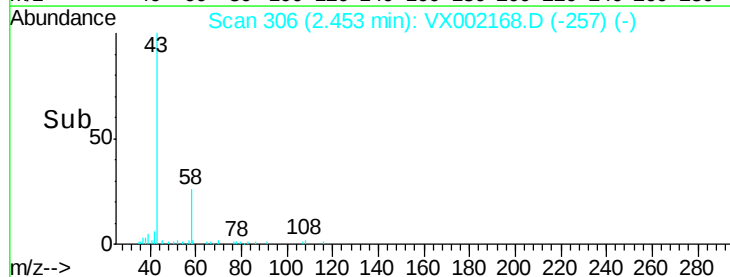
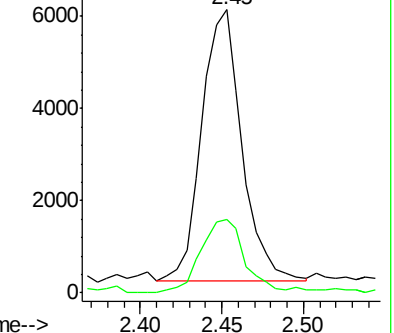
43 100

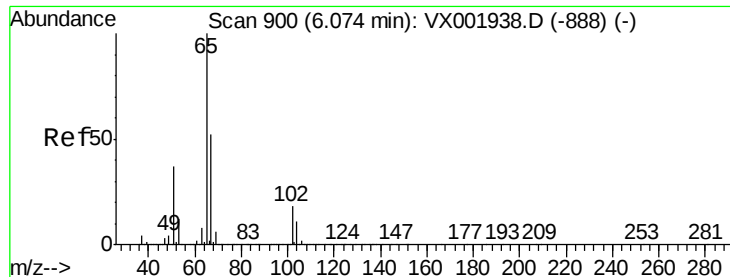
58 27.3 22.3 33.5



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: 36.12 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002168.D

Acq: 31 May 2018 06:09

Instrument :

MSVOA_X

ClientSampleId :

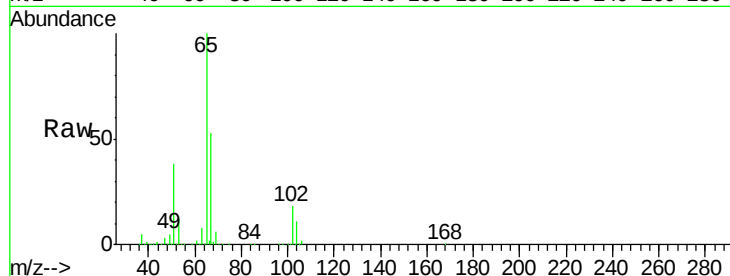
MW-26

Tot Ion: 65 Resp: 177710

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

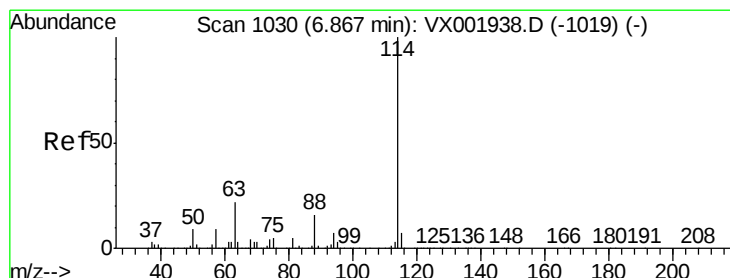
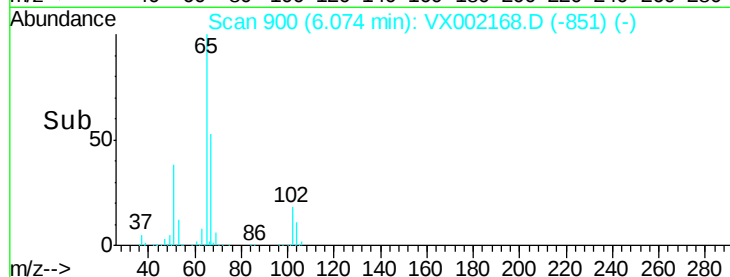
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002168.D

Acq: 31 May 2018 06:09

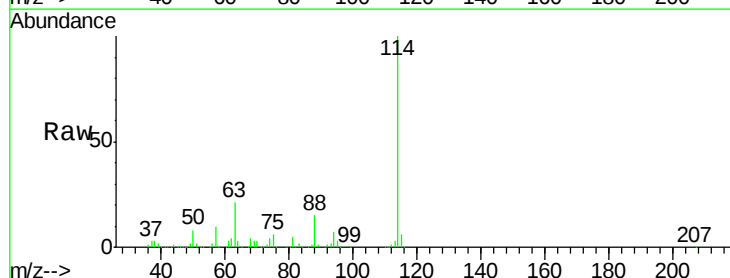
Tgt Ion: 114 Resp: 399350

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 14.9 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

6.87

200000

150000

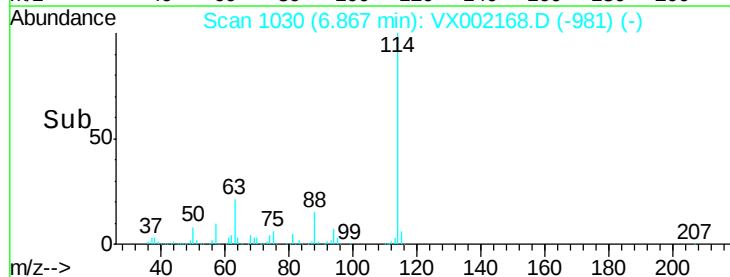
100000

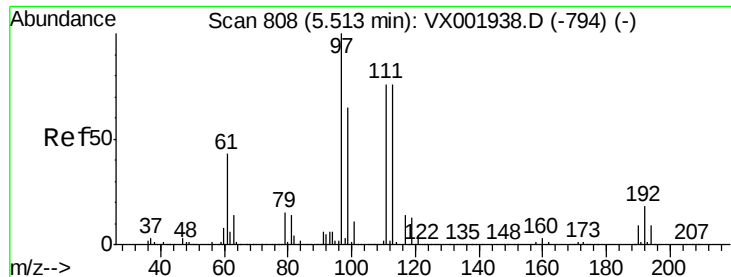
50000

0

Time-->

6.80 7.00





#35

Dibromofluoromethane

Concen: 32.75 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX002168.D

Acq: 31 May 2018 06:09

Instrument :

MSVOA_X

ClientSampled :

MW-26

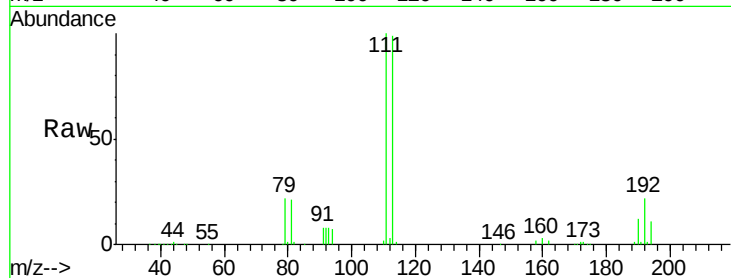
Tot Ion:113 Resp: 130777

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

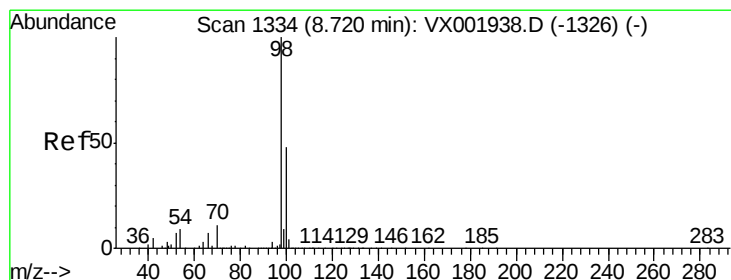
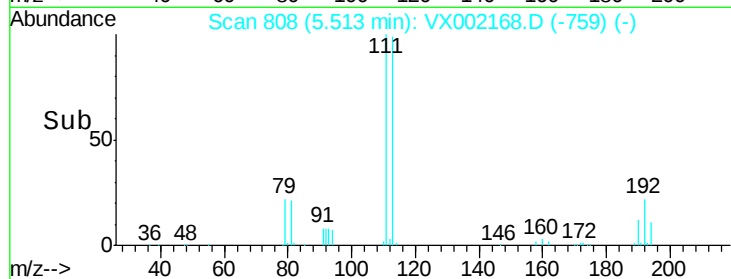
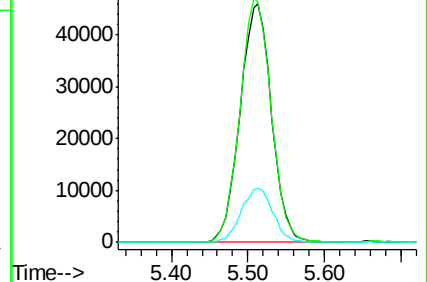
192 23.0 18.9 28.3



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: 36.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002168.D

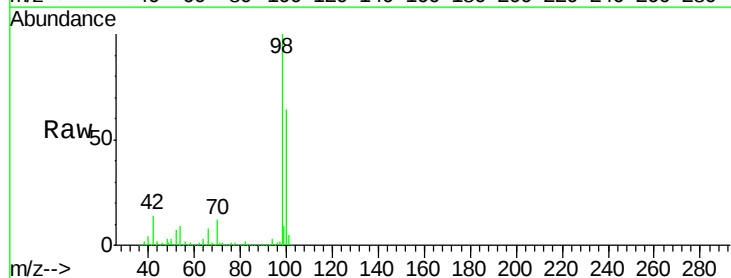
Acq: 31 May 2018 06:09

Tgt Ion: 98 Resp: 527326

Ion Ratio Lower Upper

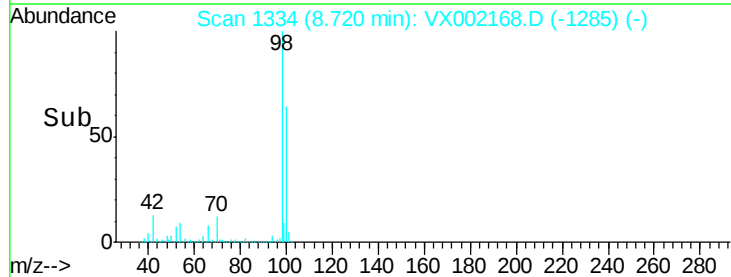
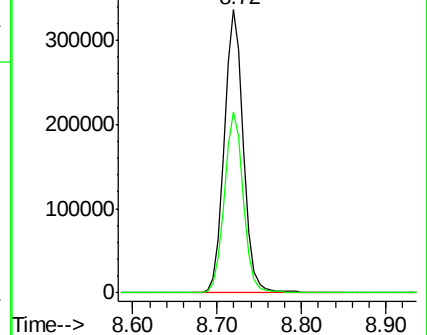
98 100

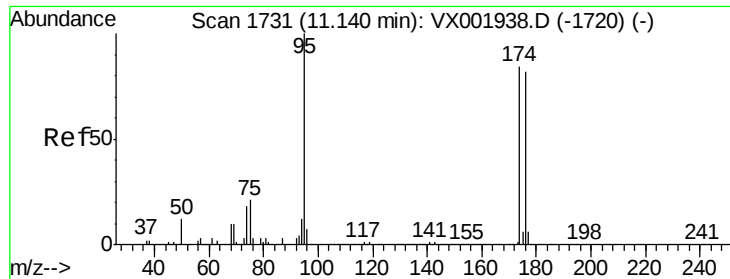
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 32.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002168.D

Acq: 31 May 2018 06:09

Instrument :

MSVOA_X

ClientSampleId :

MW-26

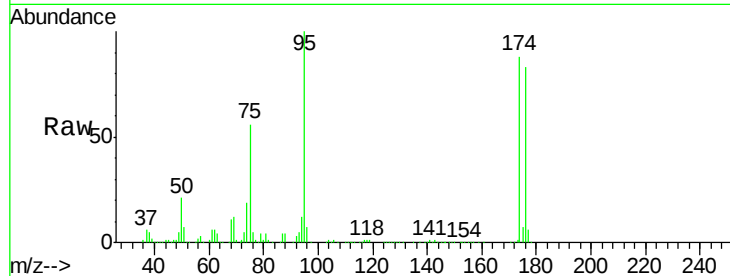
Tot Ion: 95 Resp: 185454

Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.8

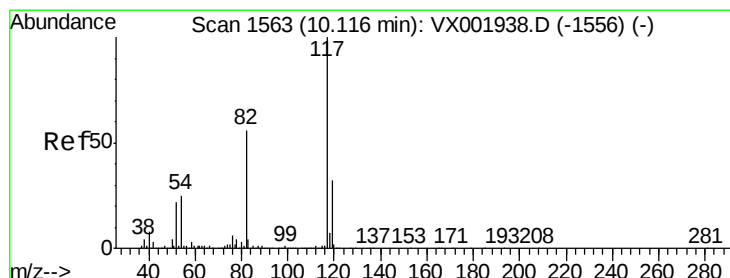
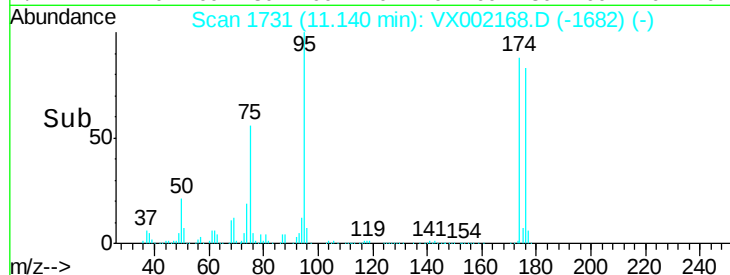
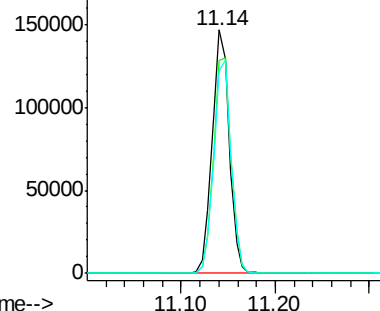
176 89.2 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002168.D

Acq: 31 May 2018 06:09

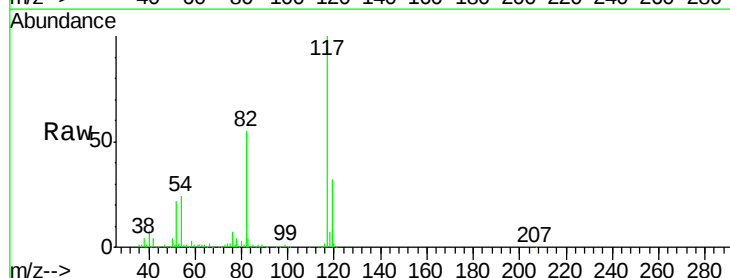
Tgt Ion: 117 Resp: 354610

Ion Ratio Lower Upper

117 100

82 55.0 44.8 67.2

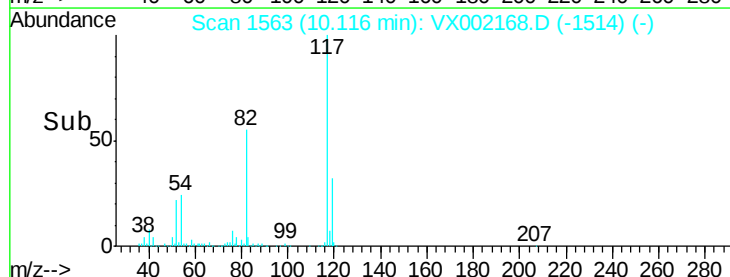
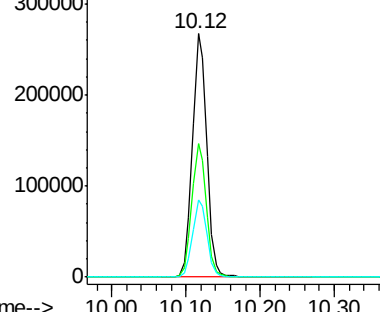
119 31.7 25.5 38.3

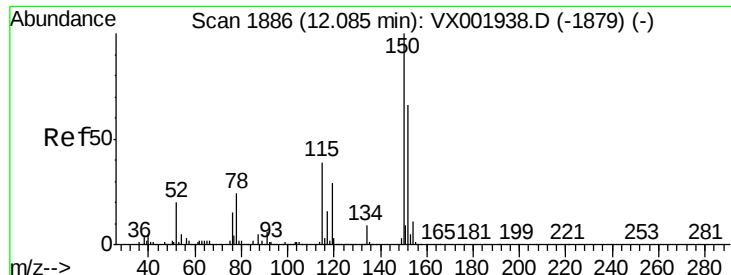


Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002168.D

Acq: 31 May 2018 06:09

Instrument :

MSVOA_X

ClientSampleId :

MW-26

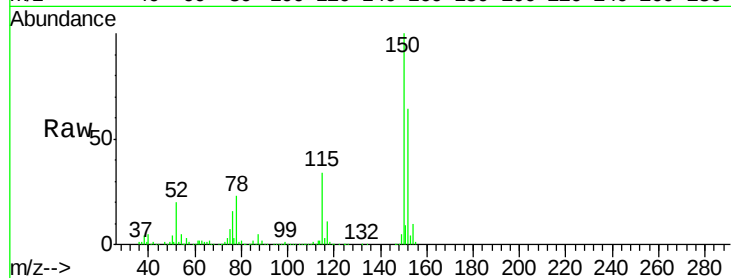
Tot Ion:152 Resp: 190931

Ion Ratio Lower Upper

152 100

115 56.3 42.3 126.8

150 159.5 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

