

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000739.D
 Acq On : 08 Apr 2018 18:37
 Operator : JC/MD
 Sample : J2216-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW25D-GW

Quant Time: Apr 09 08:03:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

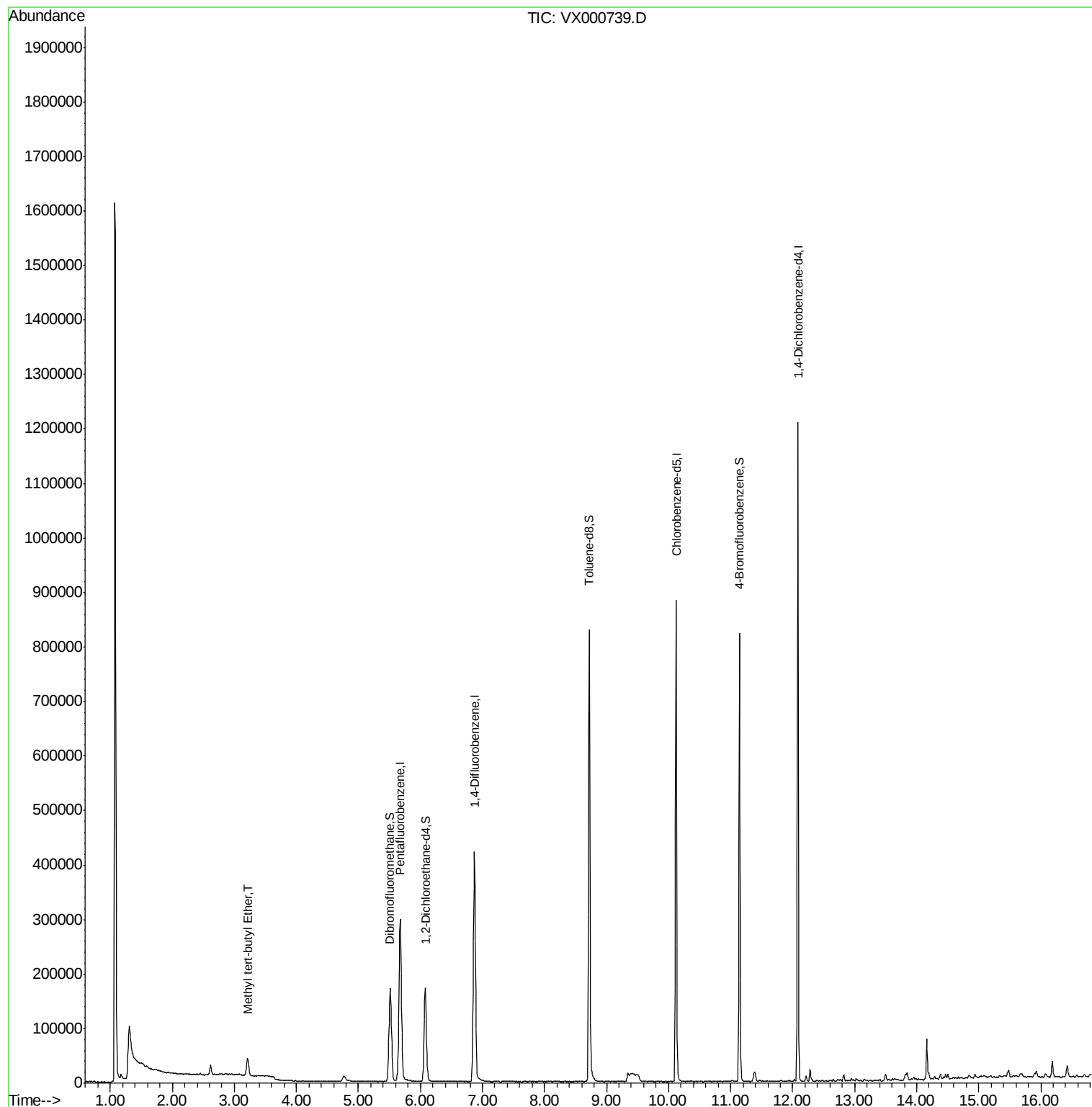
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	453628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	423857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	249783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	167308	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
35) Dibromofluoromethane	5.51	113	141274	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.72	98	521111	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.14	95	212694	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	38006	4.51	ug/l	Qvalue 97

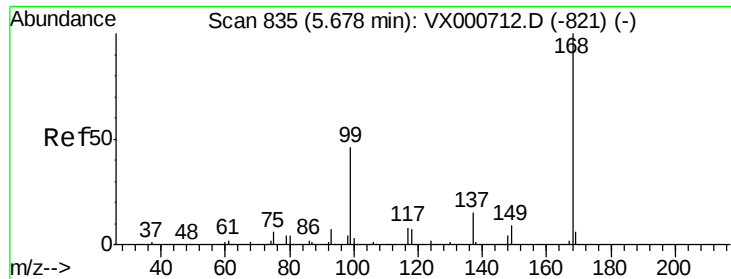
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

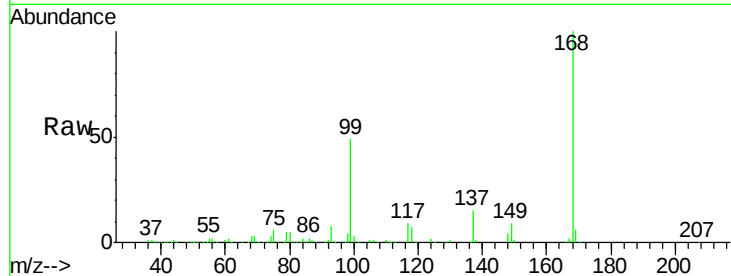
QNWP8-MW25D-GW

Tot Ion:168 Resp: 323206

Ion Ratio Lower Upper

168 100

99 49.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

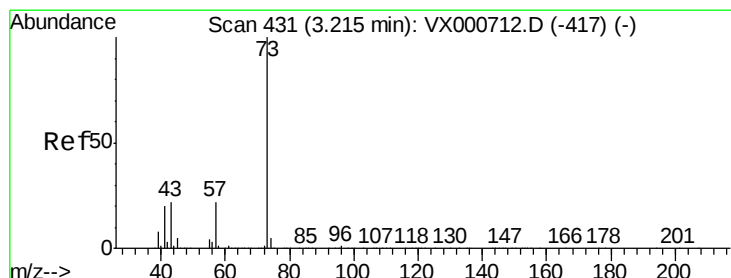
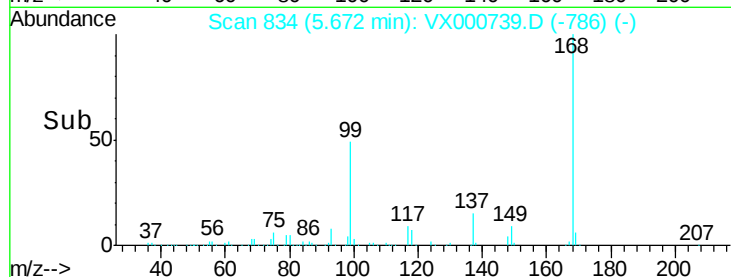
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 4.51 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000739.D

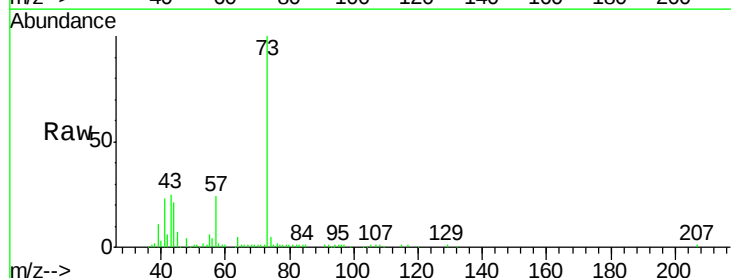
Acq: 08 Apr 2018 18:37

Tgt Ion: 73 Resp: 38006

Ion Ratio Lower Upper

73 100

57 23.1 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

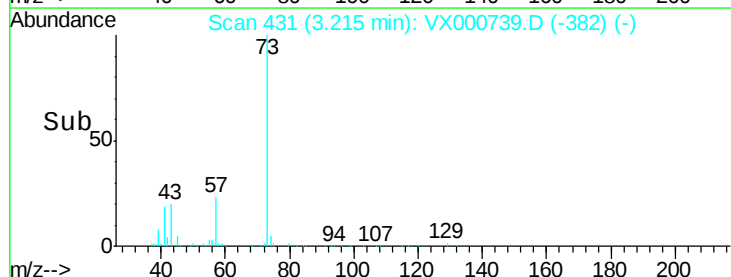
15000

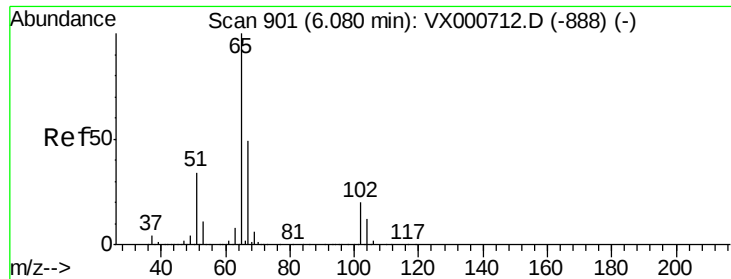
10000

5000

0

Time--> 3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 45.27 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000739.D

Acq: 08 Apr 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

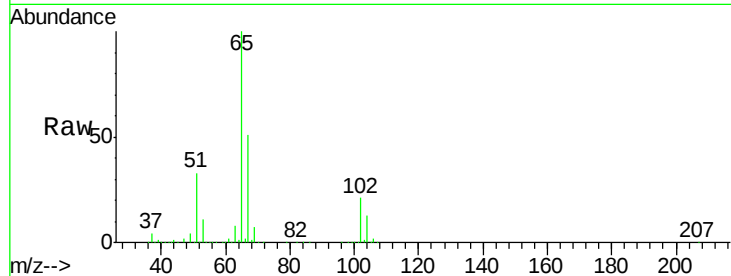
QNWP8-MW25D-GW

Tot Ion: 65 Resp: 167308

Ion Ratio Lower Upper

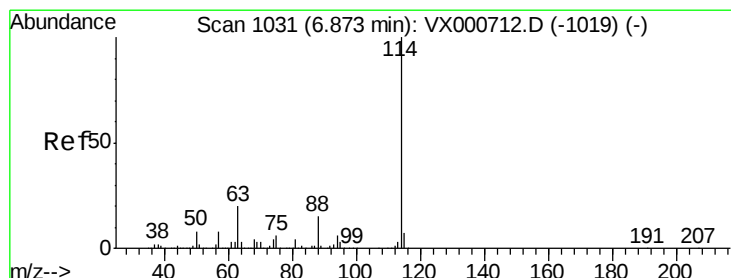
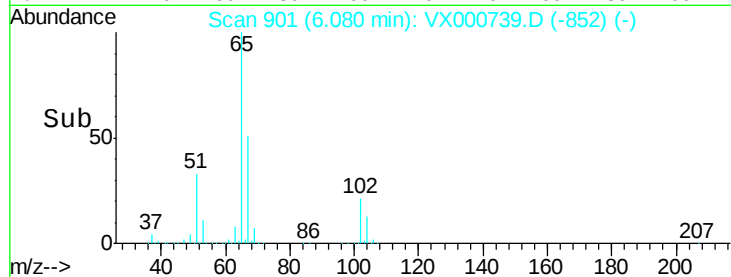
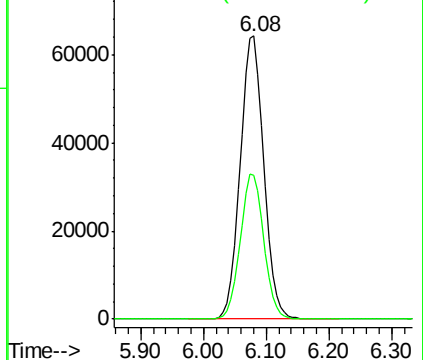
65 100

67 50.8 0.0 102.6



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# 1031

Delta R.T. -0.00 min

Lab File: VX000739.D

Acq: 08 Apr 2018 18:37

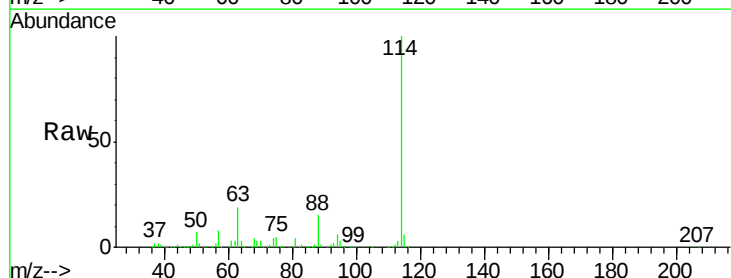
Tgt Ion: 114 Resp: 453628

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

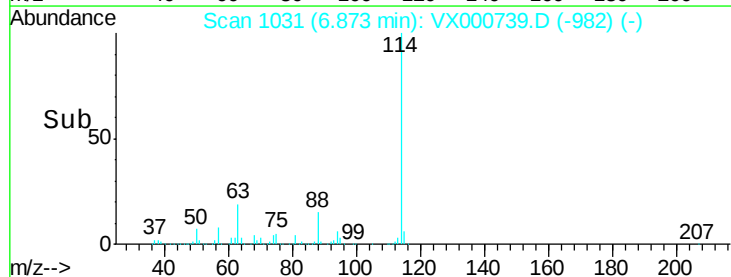
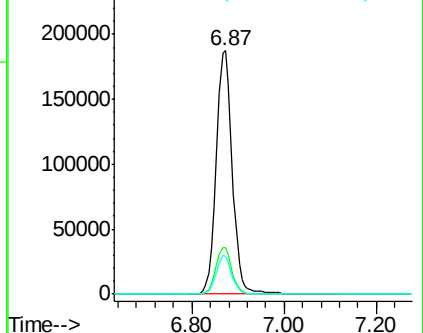
88 15.2 0.0 30.6

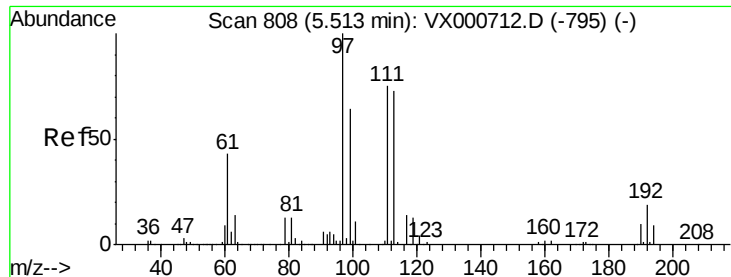


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

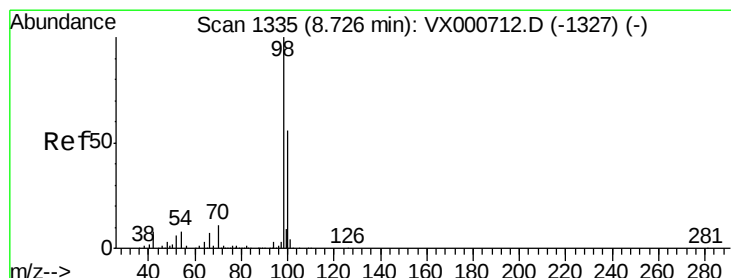
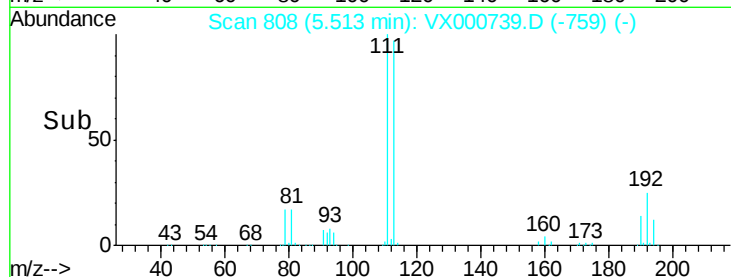
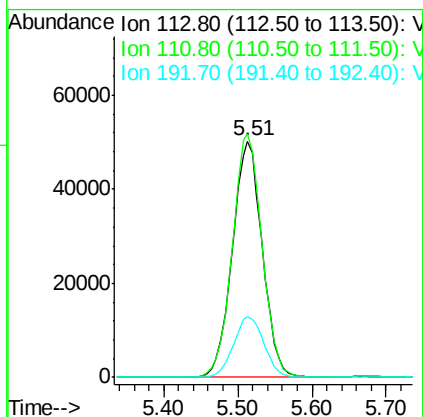
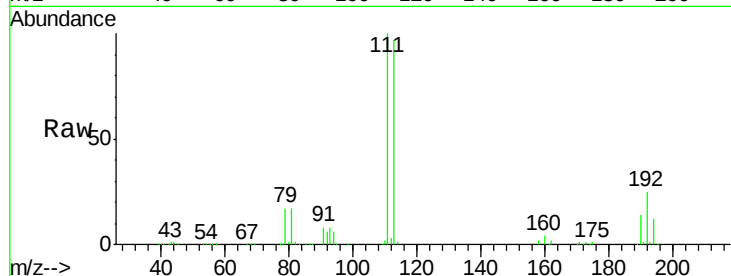




#35
 Dibromofluoromethane
 Concen: 48.18 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000739.D
 Acq: 08 Apr 2018 18:37

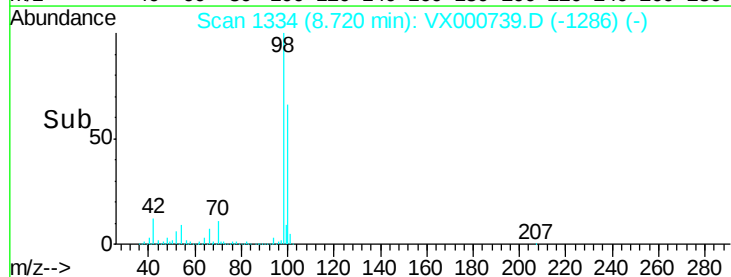
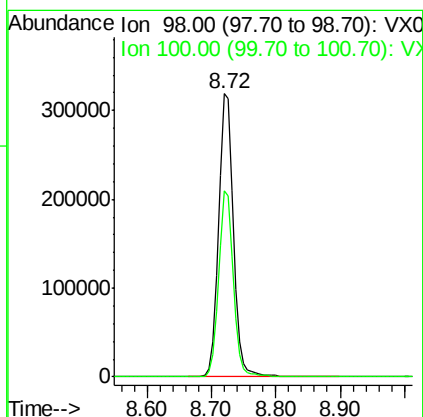
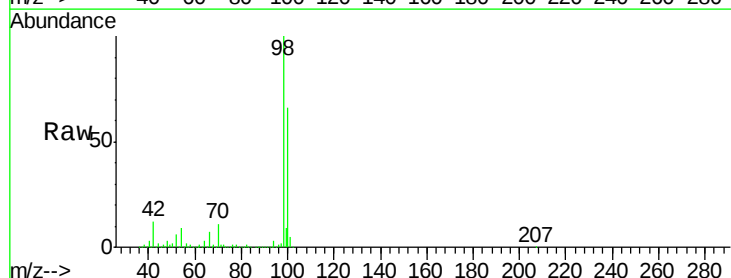
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW25D-GW

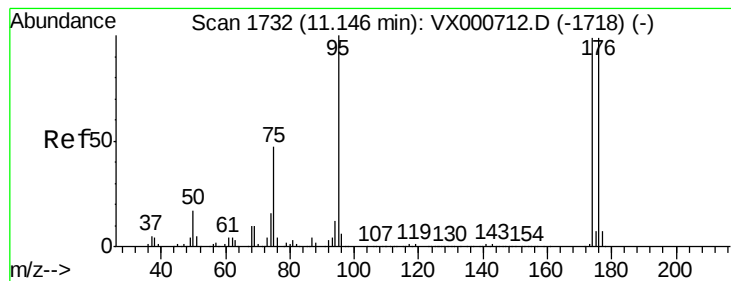
Tot Ion:113 Resp: 141274
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 26.1 20.0 30.0



#50
 Toluene-d8
 Concen: 46.90 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000739.D
 Acq: 08 Apr 2018 18:37

Tgt Ion: 98 Resp: 521111
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 46.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000739.D

Acq: 08 Apr 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW25D-GW

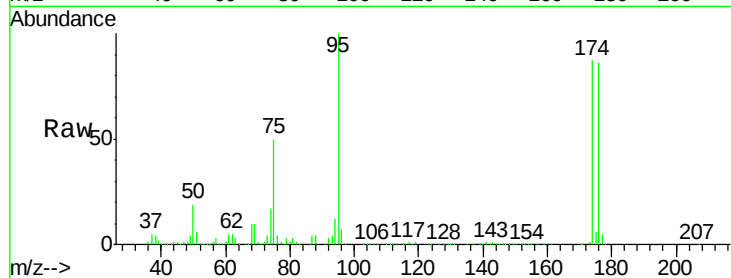
Tot Ion: 95 Resp: 212694

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.6

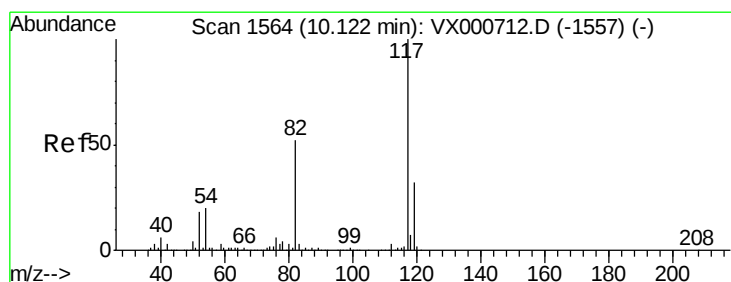
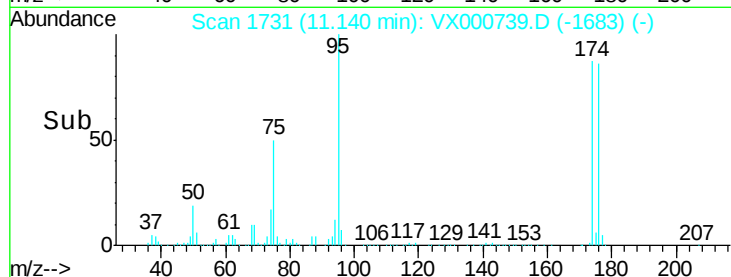
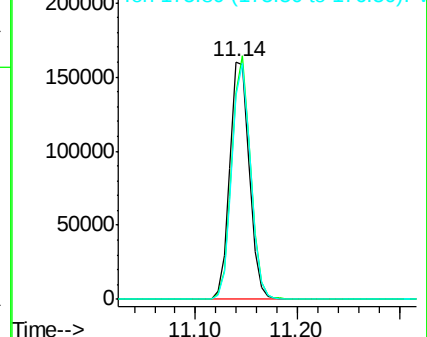
176 95.1 0.0 187.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000739.D

Acq: 08 Apr 2018 18:37

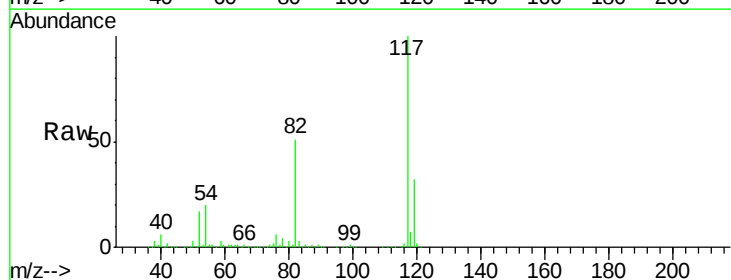
Tgt Ion: 117 Resp: 423857

Ion Ratio Lower Upper

117 100

82 51.3 41.9 62.9

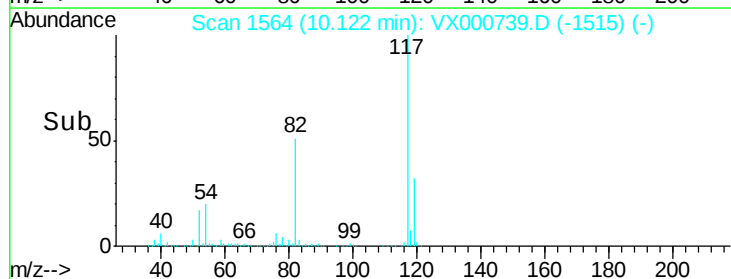
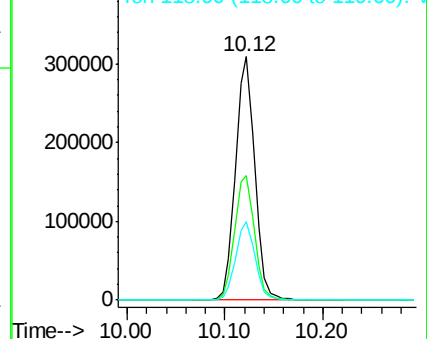
119 32.0 25.8 38.8

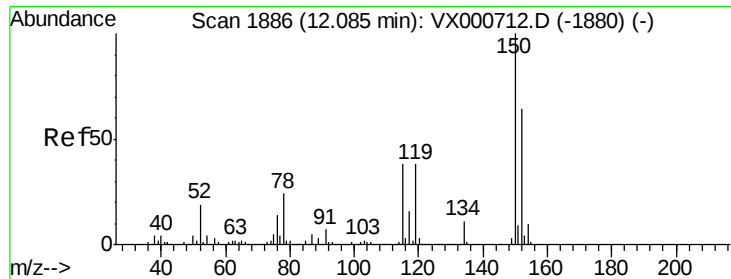


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX000739.D

Acq: 08 Apr 2018 18:37

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ClientSampleId :

QNWP8-MW25D-GW

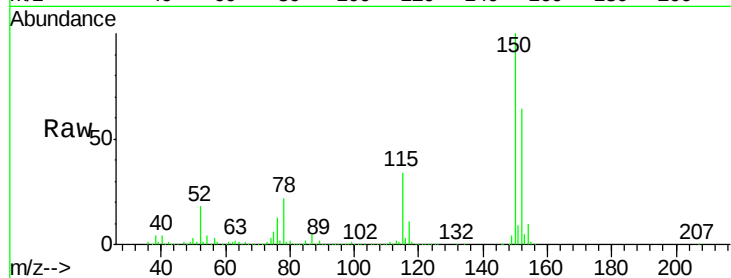
Tot Ion:152 Resp: 249783

Ion Ratio Lower Upper

152 100

115 54.1 37.7 113.1

150 156.9 0.0 345.0



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

