

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000407.D
 Acq On : 22 Mar 2018 15:39
 Operator : JC/MD
 Sample : J2005-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-2-031918

Quant Time: Mar 23 06:11:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

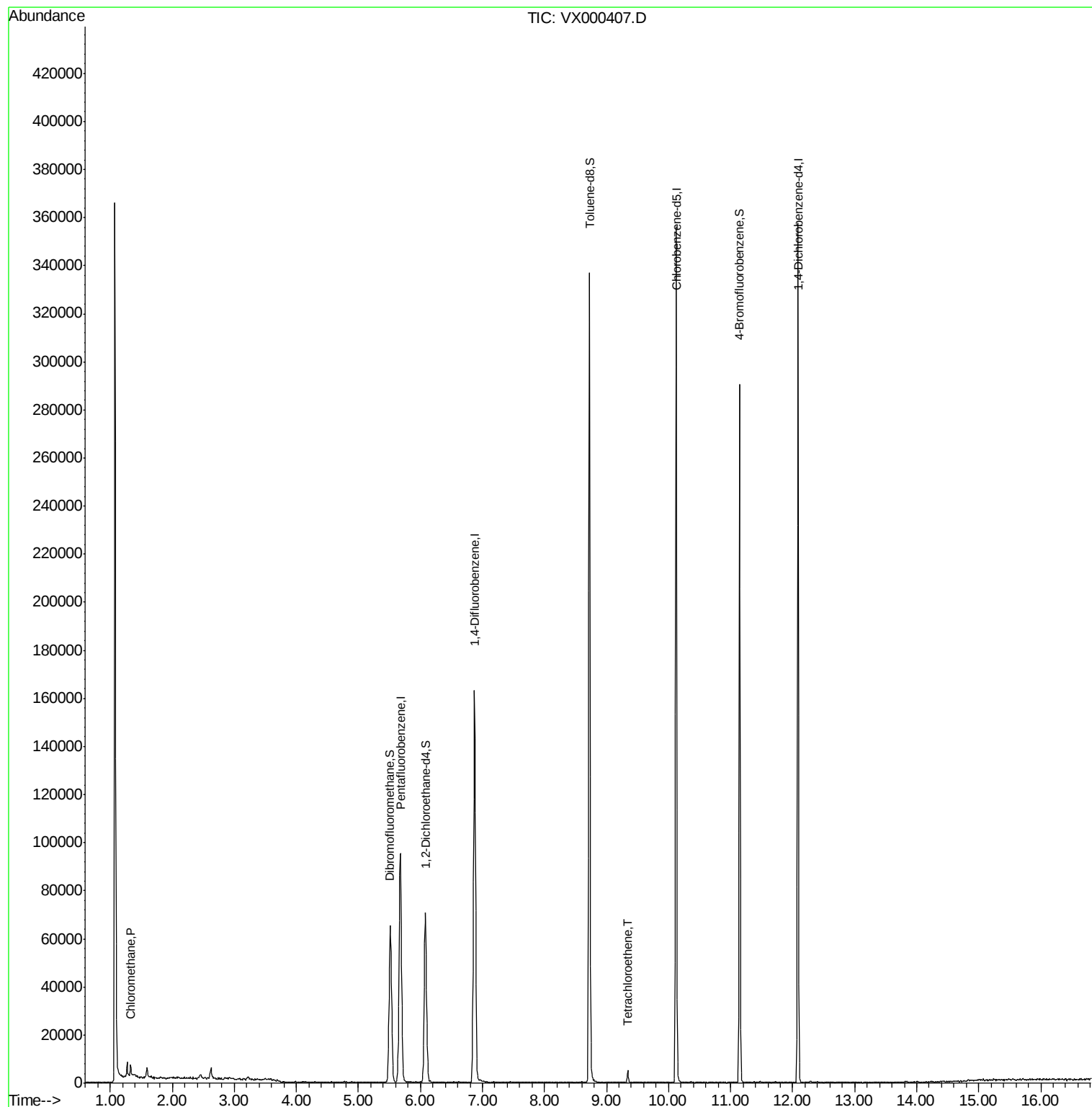
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	90714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	157403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	68631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	64773	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	5.51	113	50485	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.73	98	194832	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	11.15	95	62909	37.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.90%	
Target Compounds						
3) Chloromethane	1.32	50	2652	2.52	ug/l	96
64) Tetrachloroethene	9.34	164	658	0.57	ug/l #	70

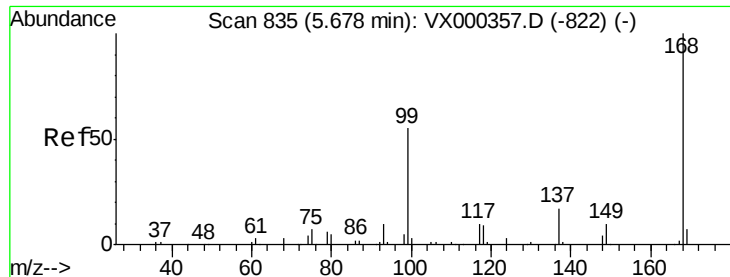
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000407.D

Acq: 22 Mar 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

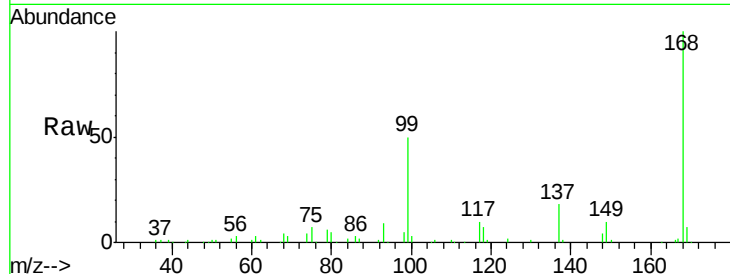
BR-2-031918

Tot Ion:168 Resp: 90714

Ion Ratio Lower Upper

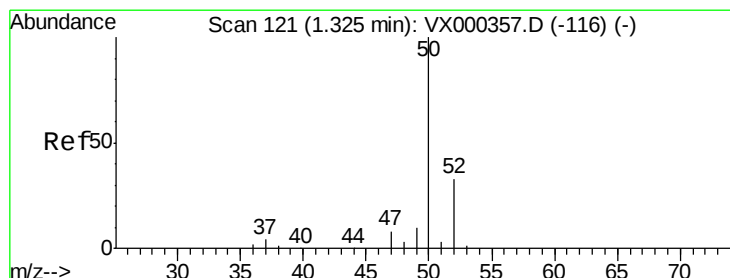
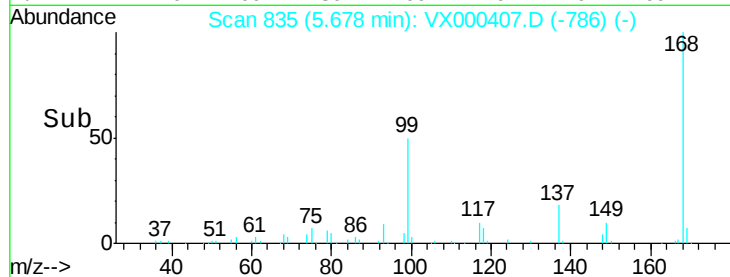
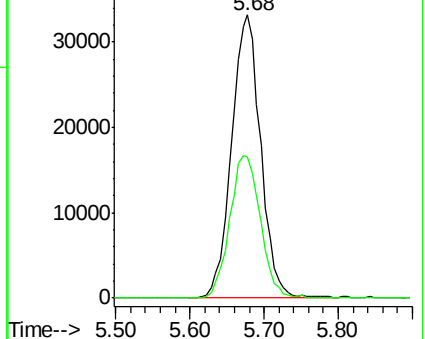
168 100

99 49.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 2.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000407.D

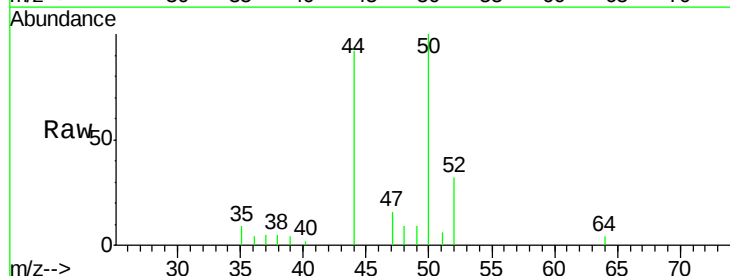
Acq: 22 Mar 2018 15:39

Tgt Ion: 50 Resp: 2652

Ion Ratio Lower Upper

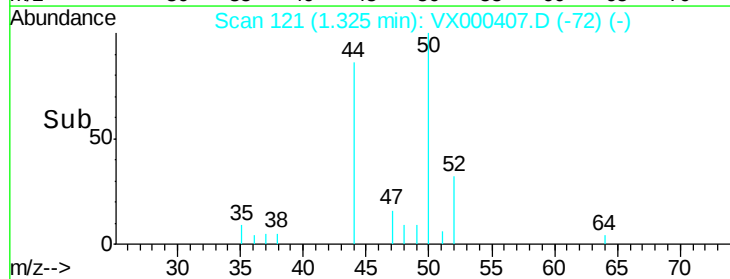
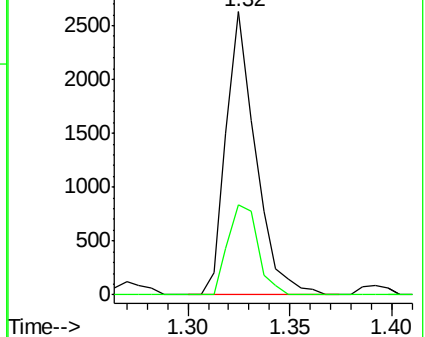
50 100

52 32.0 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

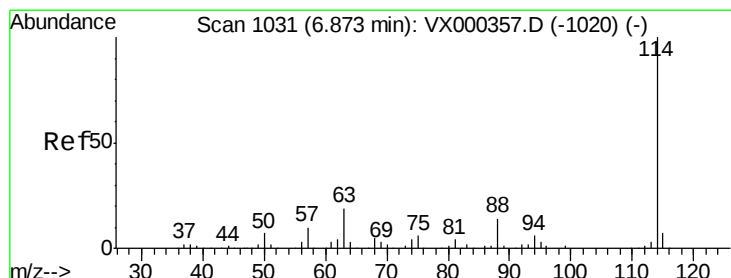
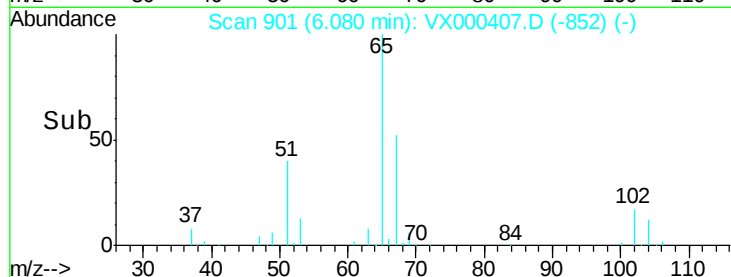
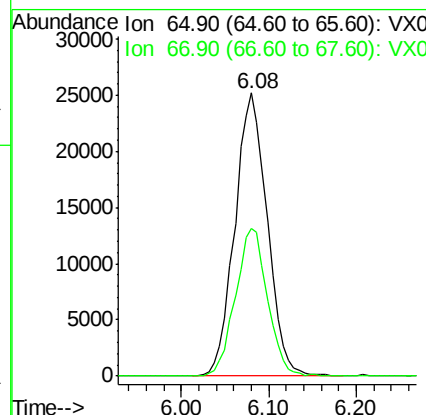
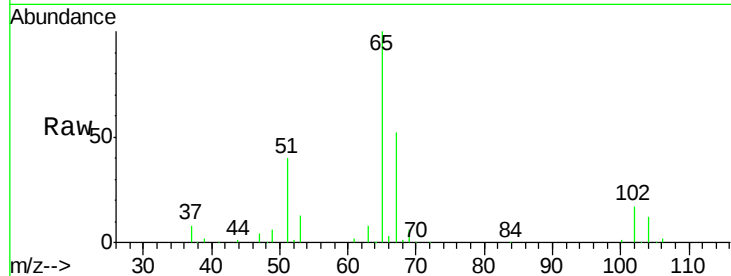




#33
 1,2-Dichloroethane-d4
 Concen: 54.70 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000407.D
 Acq: 22 Mar 2018 15:39

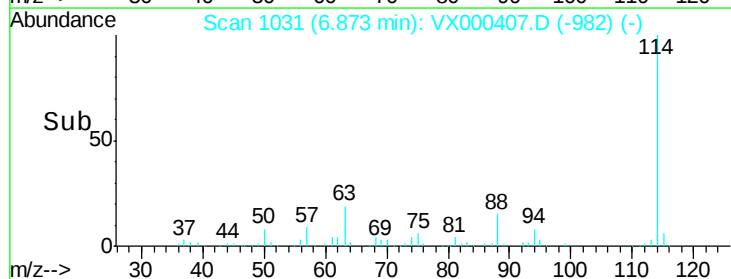
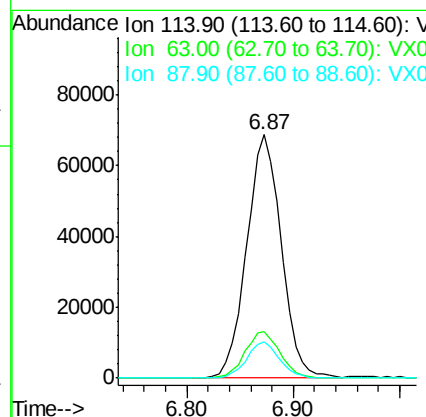
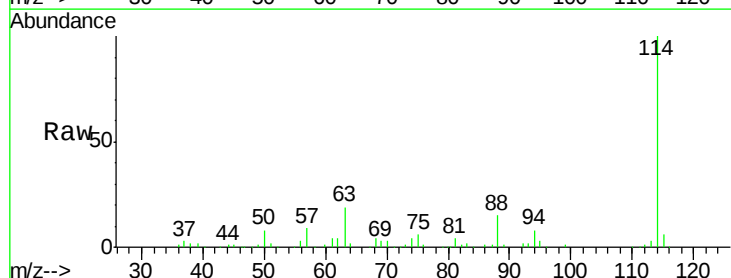
Instrument :
 MSVOA_X
 ClientSampleId :
 BR-2-031918

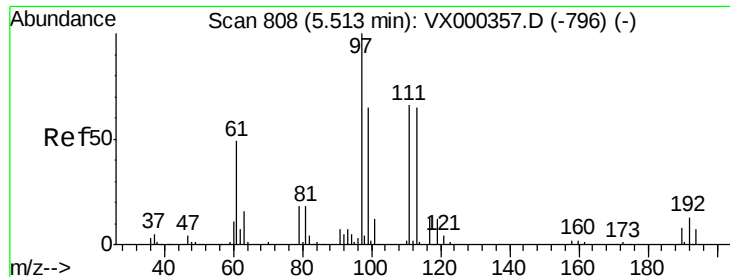
Tot Ion: 65 Resp: 64773
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000407.D
 Acq: 22 Mar 2018 15:39

Tgt Ion: 114 Resp: 157403
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 14.8 0.0 27.0

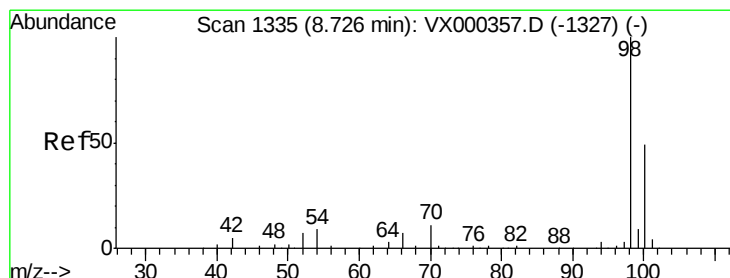
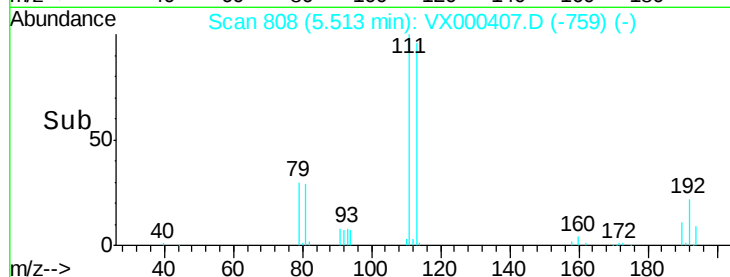
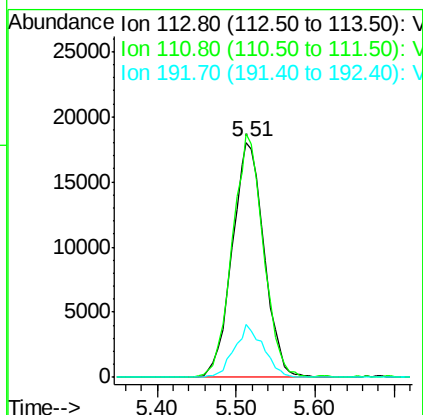
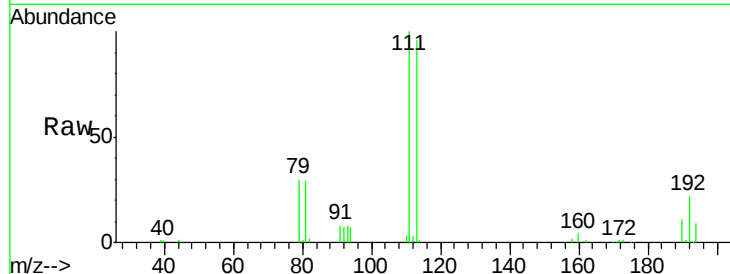




#35
Dibromofluoromethane
Concen: 50.90 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000407.D
Acq: 22 Mar 2018 15:39

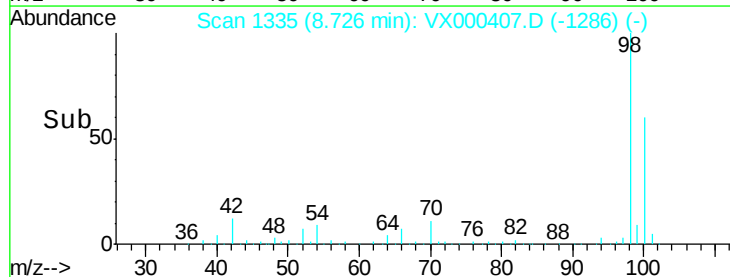
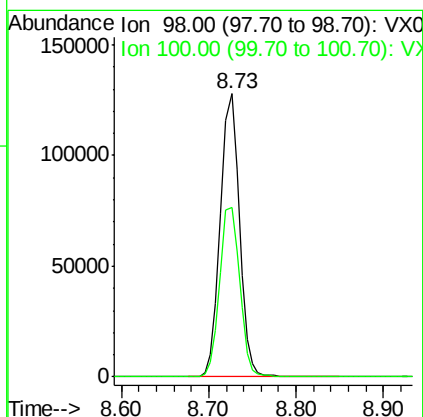
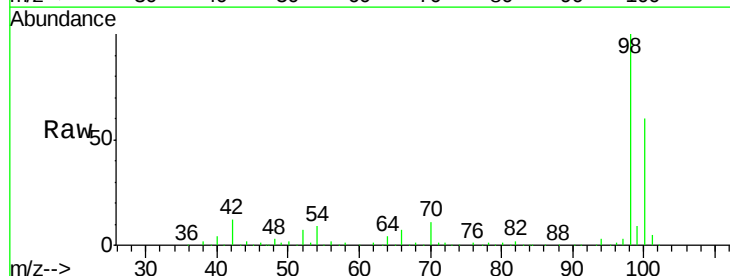
Instrument :
MSVOA_X
ClientSampleId :
BR-2-031918

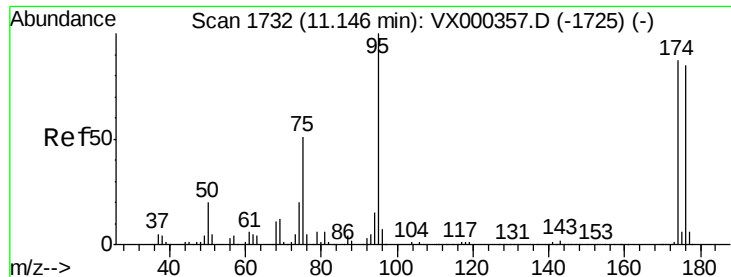
Tot Ion:113 Resp: 50485
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 20.5 15.8 23.6



#50
Toluene-d8
Concen: 47.43 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000407.D
Acq: 22 Mar 2018 15:39

Tgt Ion: 98 Resp: 194832
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 37.95 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000407.D

Acq: 22 Mar 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

BR-2-031918

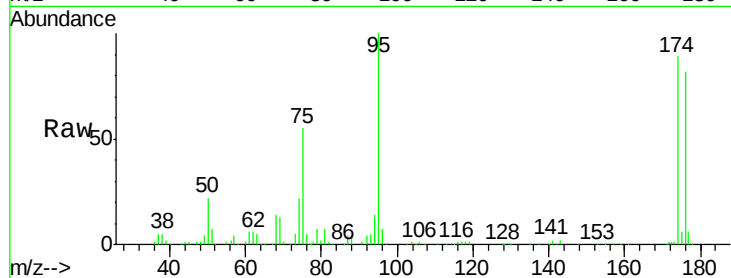
Tot Ion: 95 Resp: 62909

Ion Ratio Lower Upper

95 100

174 90.8 0.0 173.6

176 87.8 0.0 164.6

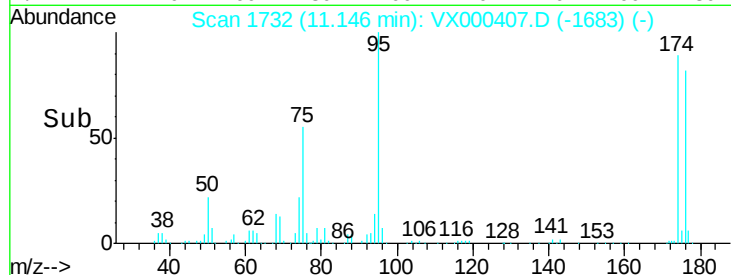


Abundance Ion 94.90 (94.60 to 95.60): VX000407.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000407.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000407.D (-1683) (-)

Time-->



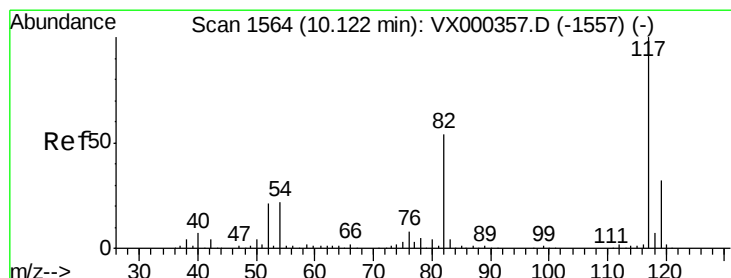
Abundance

Ion 94.90 (94.60 to 95.60): VX000407.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000407.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000407.D (-1683) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000407.D

Acq: 22 Mar 2018 15:39

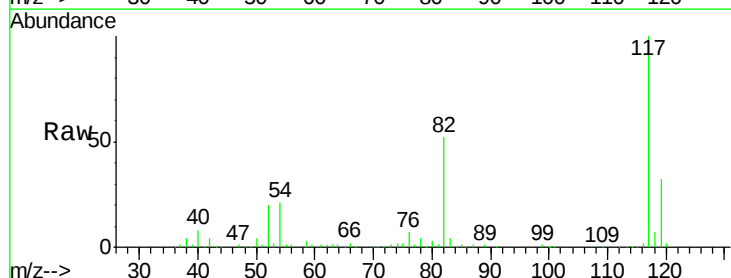
Tgt Ion: 117 Resp: 148706

Ion Ratio Lower Upper

117 100

82 52.5 43.8 65.8

119 32.1 24.9 37.3

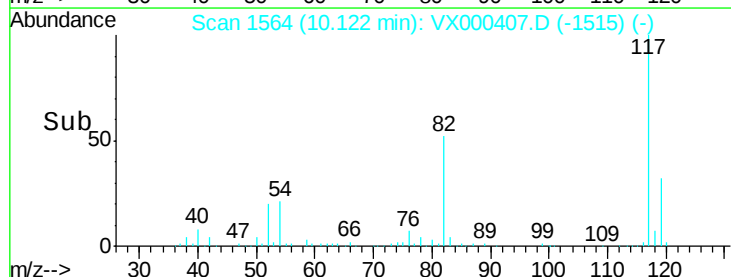


Abundance Ion 116.90 (116.60 to 117.60): VX000407.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000407.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000407.D (-1515) (-)

Time-->



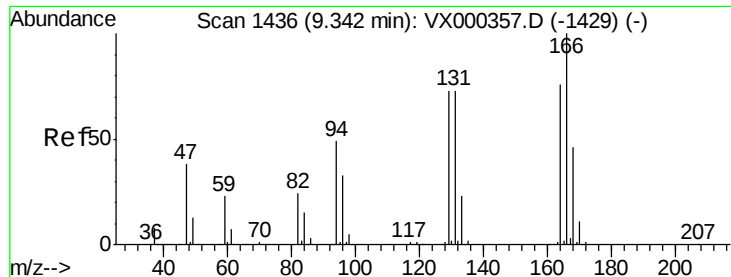
Abundance

Ion 116.90 (116.60 to 117.60): VX000407.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000407.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000407.D (-1515) (-)

Time-->



#64

Tetrachloroethene

Concen: 0.57 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000407.D

Acq: 22 Mar 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

BR-2-031918

Tot Ion:164 Resp: 658

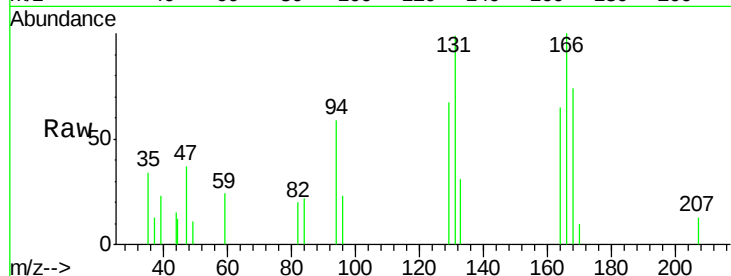
Ion Ratio Lower Upper

164 100

166 153.3 101.0 151.6#

129 103.3 79.0 118.4

131 151.7 71.9 107.9#

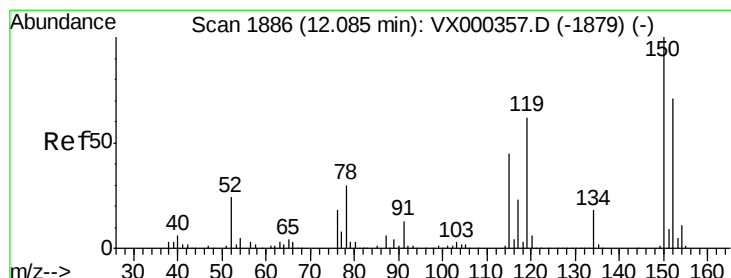
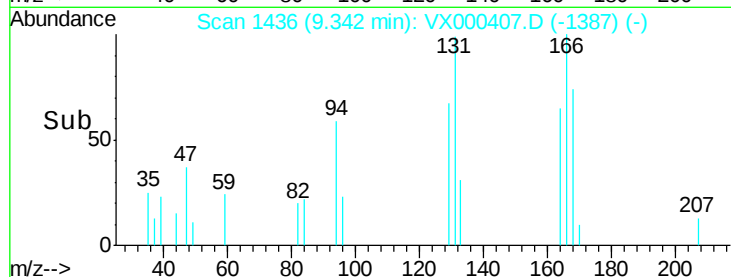
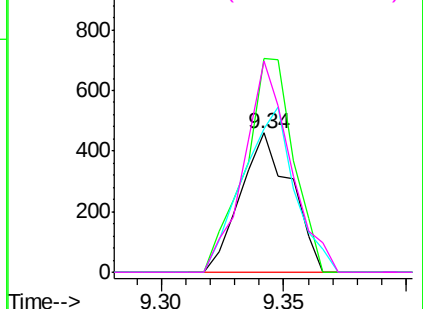


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX000407.D

Acq: 22 Mar 2018 15:39

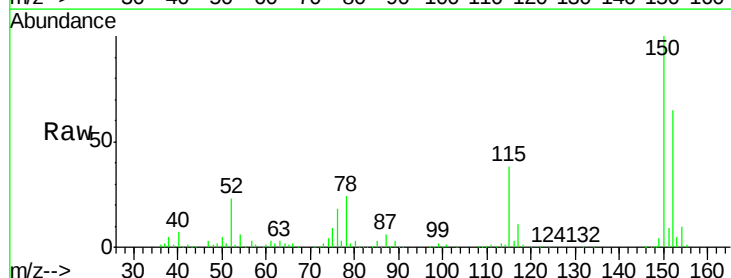
Tgt Ion:152 Resp: 68631

Ion Ratio Lower Upper

152 100

115 57.0 39.8 119.3

150 154.6 0.0 344.4



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

