

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002768.D
 Acq On : 21 Jun 2018 03:51
 Operator : JC/MD
 Sample : PB110408ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#07

Quant Time: Jun 21 07:18:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

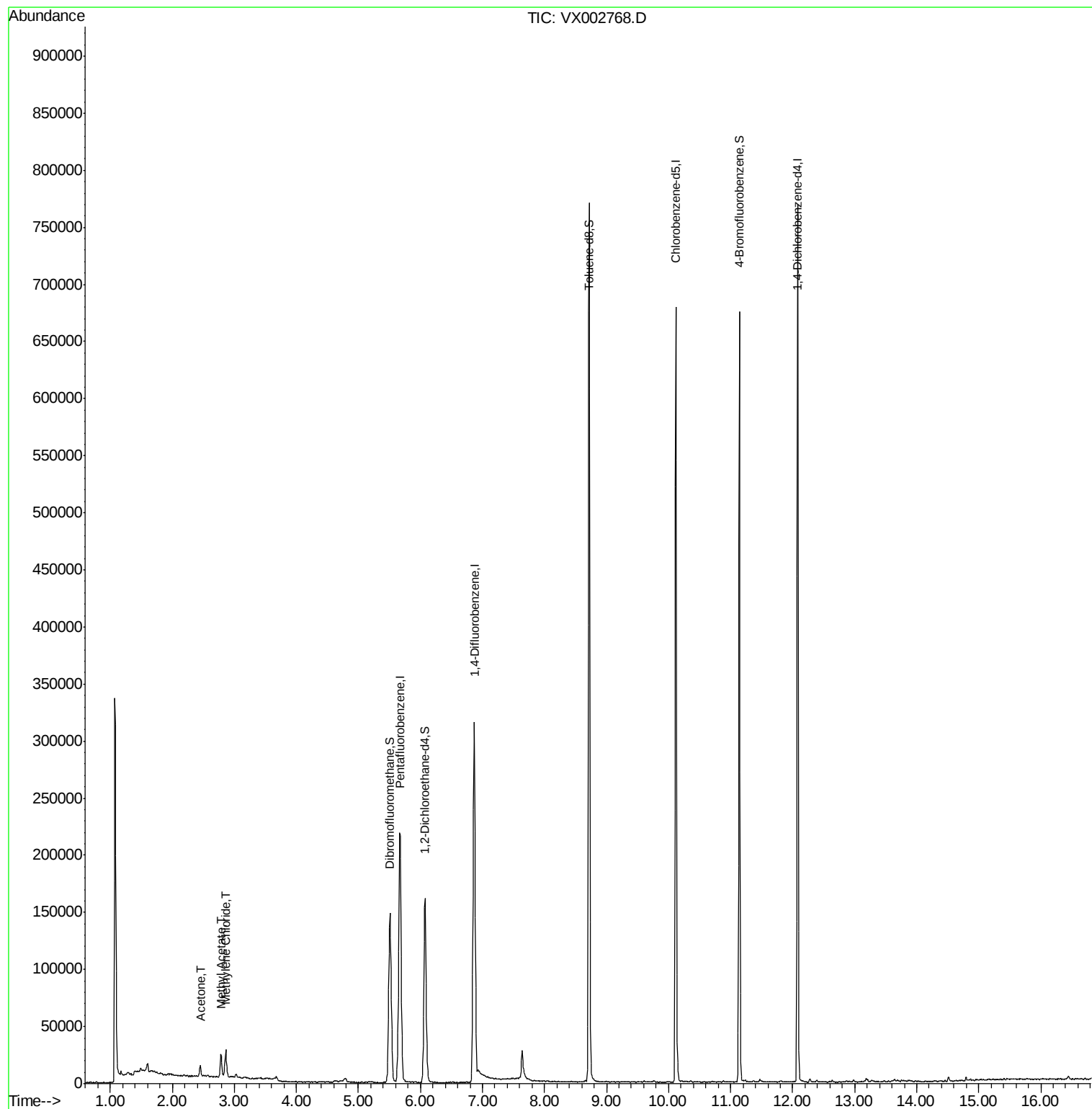
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152163	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
35) Dibromofluoromethane	5.51	113	120480	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.72	98	445238	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	155389	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
Target Compounds						
16) Acetone	2.45	43	10399	7.08	ug/l	98
18) Methyl Acetate	2.78	43	24625	6.30	ug/l	97
20) Methylene Chloride	2.86	84	11562	3.84	ug/l	97

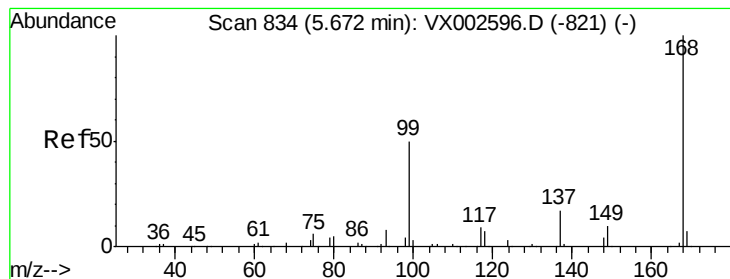
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002768.D

Acq: 21 Jun 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

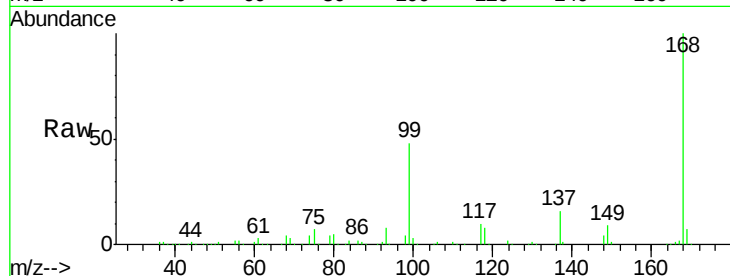
PB110408ZHE#07

Tot Ion:168 Resp: 218993

Ion Ratio Lower Upper

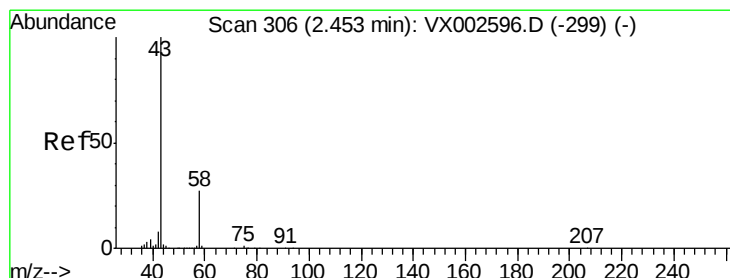
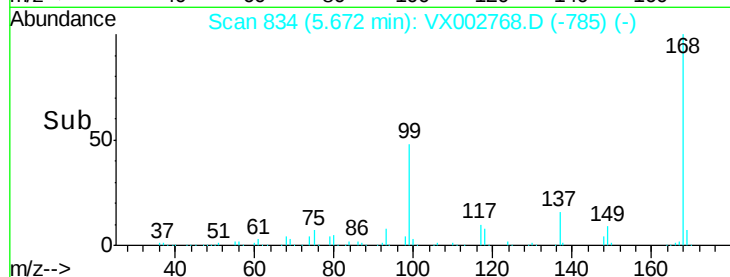
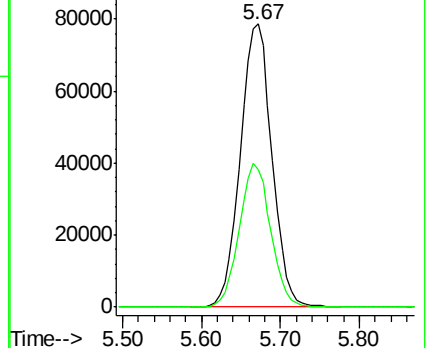
168 100

99 48.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.08 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002768.D

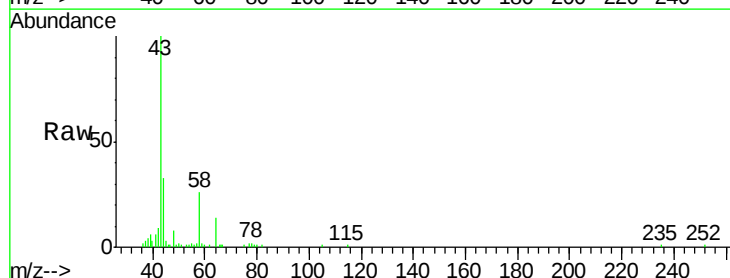
Acq: 21 Jun 2018 03:51

Tgt Ion: 43 Resp: 10399

Ion Ratio Lower Upper

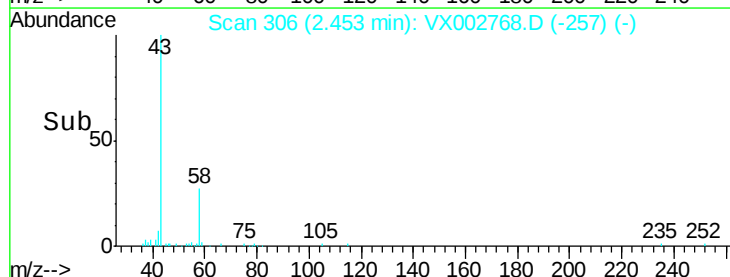
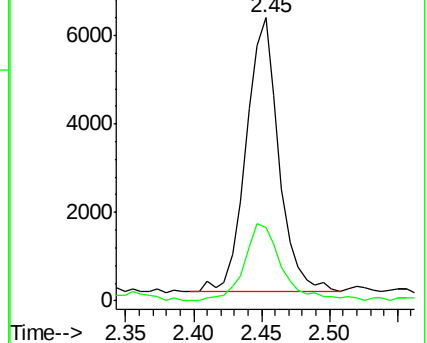
43 100

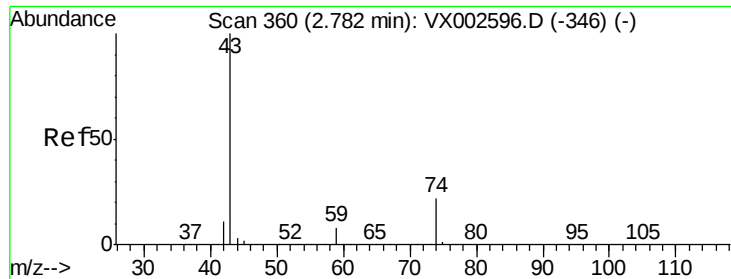
58 26.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

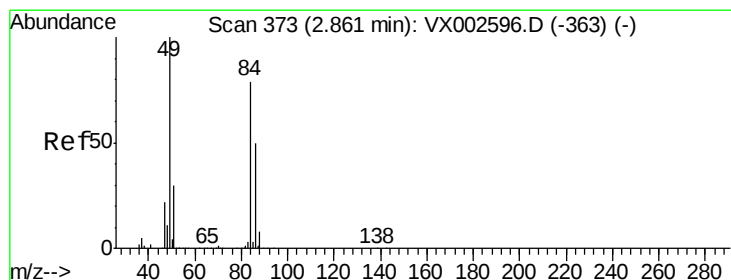
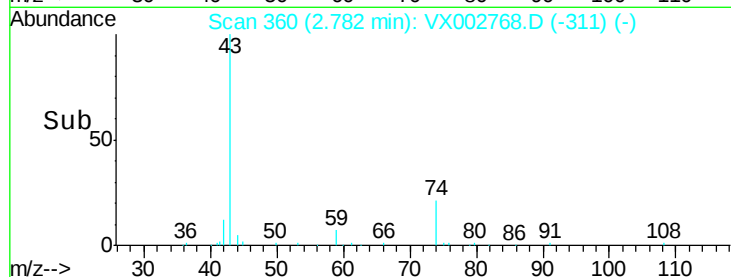
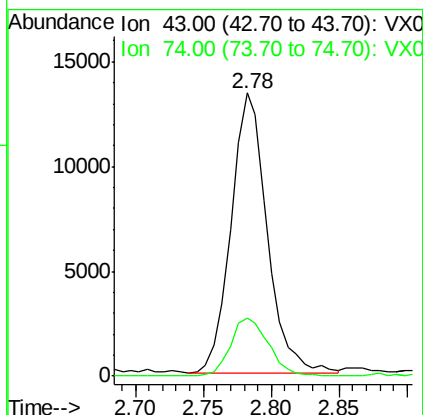
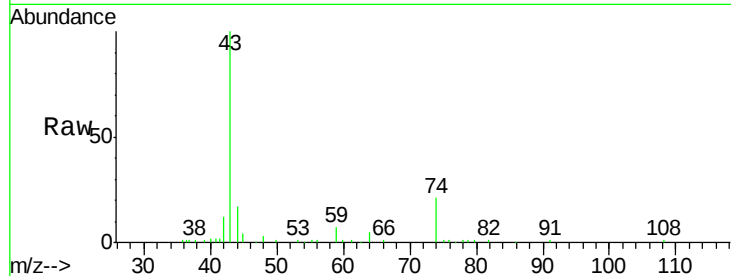




#18
Methvl Acetate
Concen: 6.30 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002768.D
Acq: 21 Jun 2018 03:51

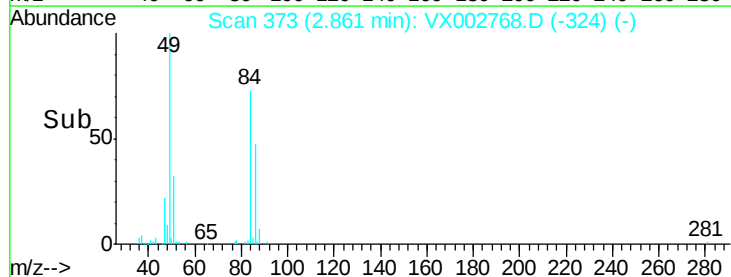
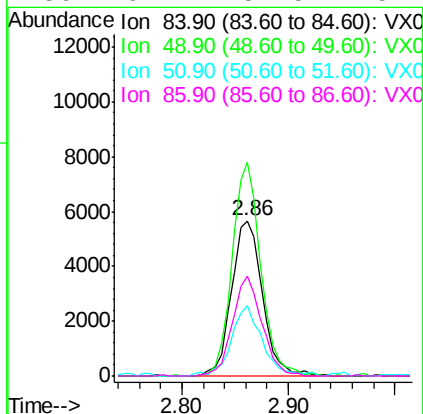
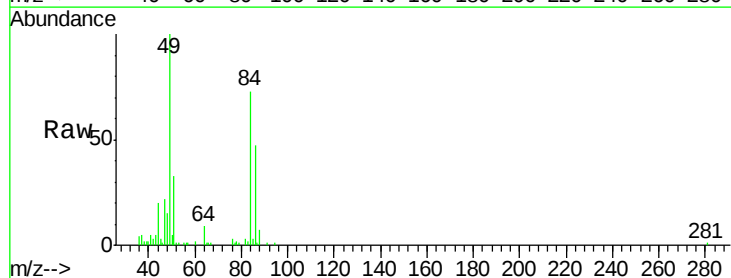
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#07

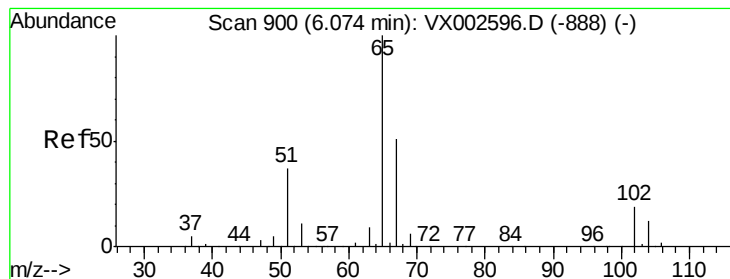
Tot Ion: 43 Resp: 24625
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1



#20
Methylene Chloride
Concen: 3.84 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002768.D
Acq: 21 Jun 2018 03:51

Tgt Ion: 84 Resp: 11562
Ion Ratio Lower Upper
84 100
49 137.5 107.8 161.6
51 45.2 32.8 49.2
86 64.4 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002768.D

Acq: 21 Jun 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

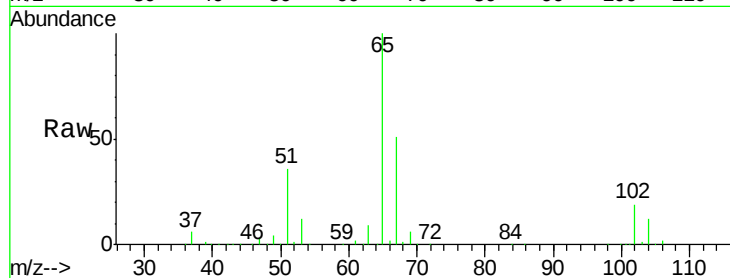
PB110408ZHE#07

Tot Ion: 65 Resp: 152163

Ion Ratio Lower Upper

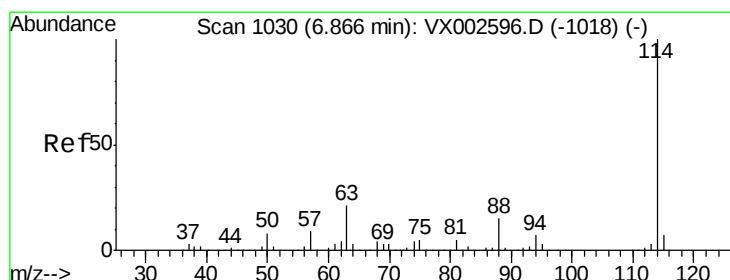
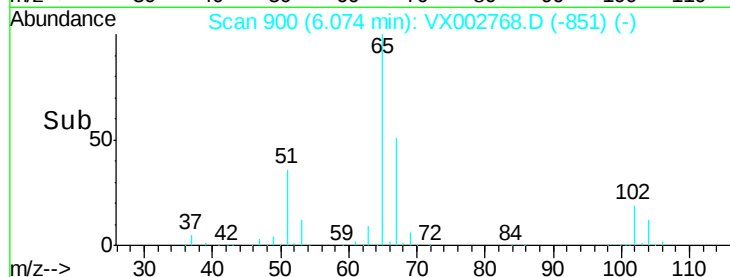
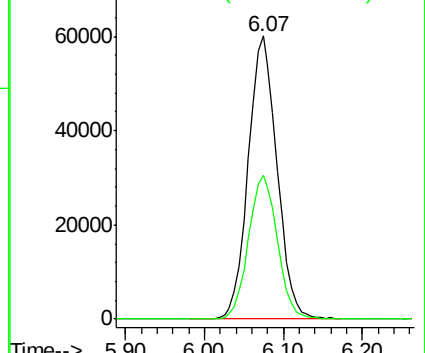
65 100

67 51.2 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# 1030

Delta R.T. 0.00 min

Lab File: VX002768.D

Acq: 21 Jun 2018 03:51

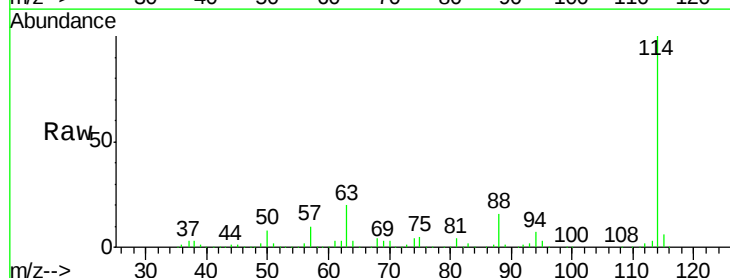
Tgt Ion: 114 Resp: 308623

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

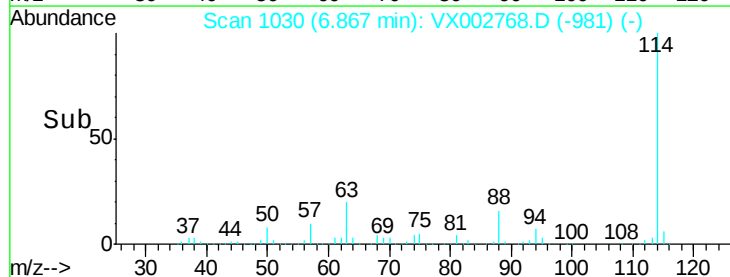
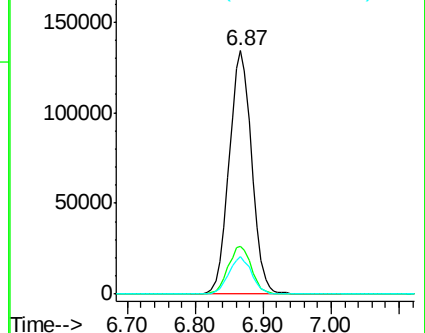
88 15.6 0.0 30.0

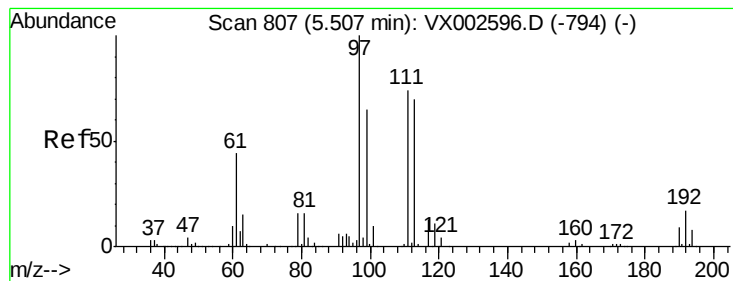


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.91 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002768.D

Acq: 21 Jun 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#07

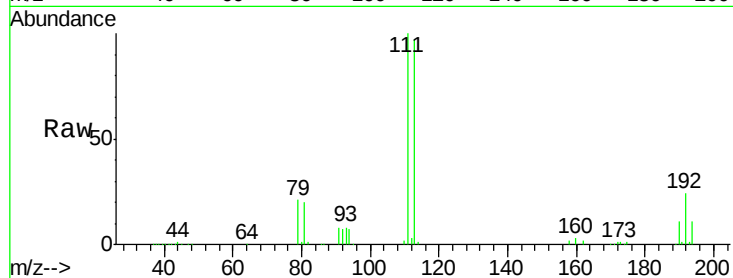
Tot Ion:113 Resp: 120480

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

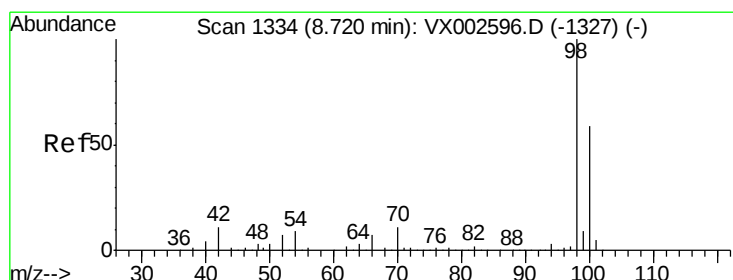
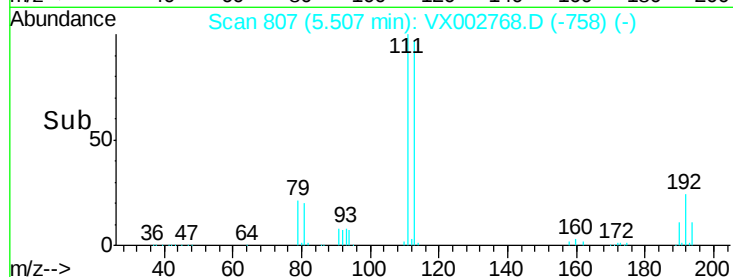
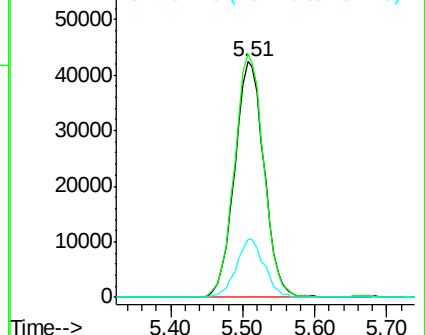
192 23.6 19.1 28.7



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: 47.61 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002768.D

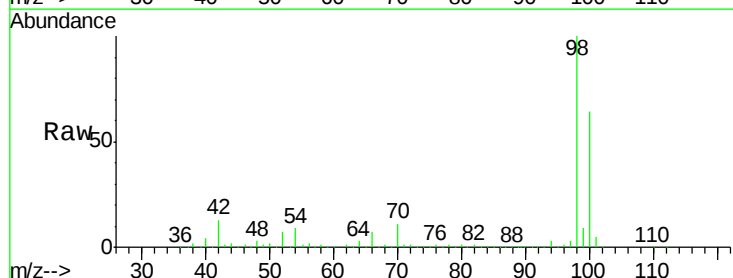
Acq: 21 Jun 2018 03:51

Tgt Ion: 98 Resp: 445238

Ion Ratio Lower Upper

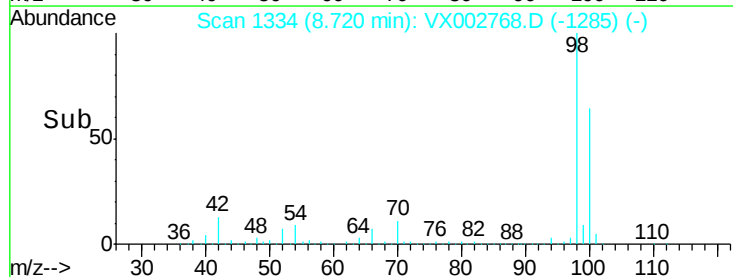
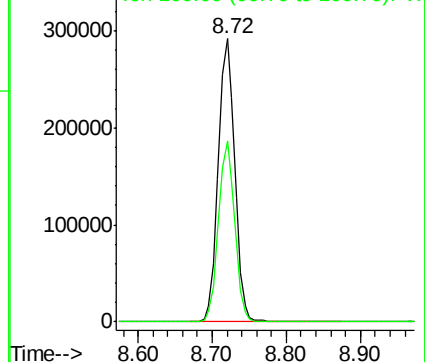
98 100

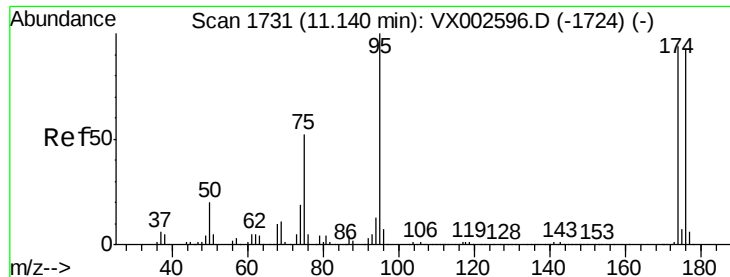
100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002768.D

Acq: 21 Jun 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#07

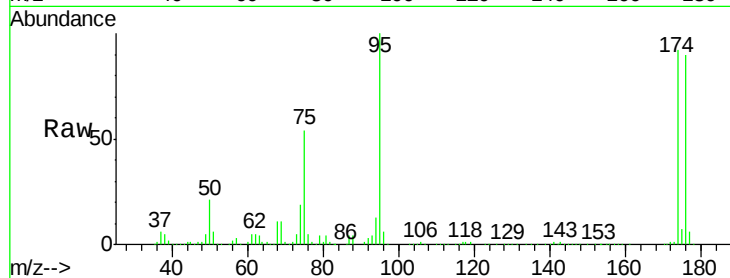
Tot Ion: 95 Resp: 155389

Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

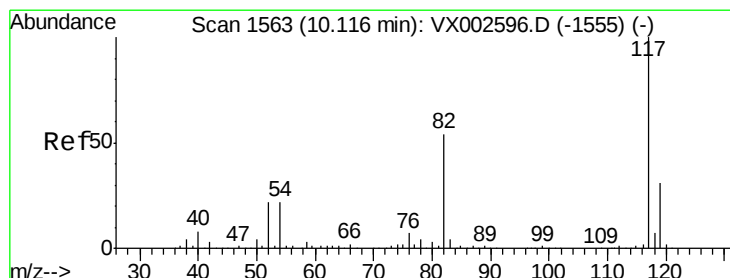
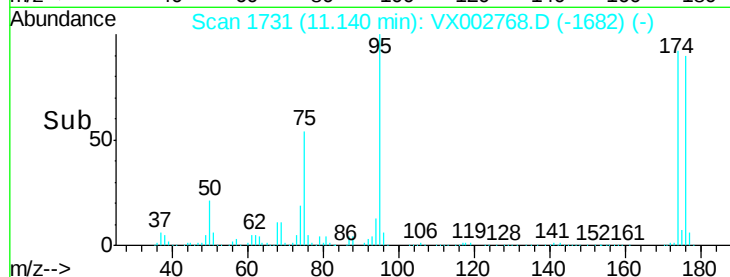
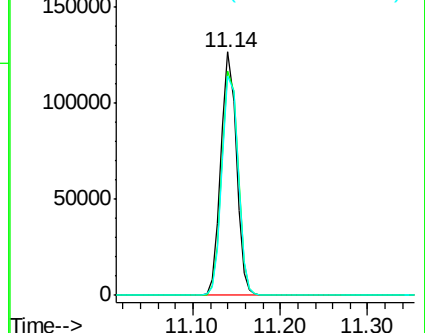
176 94.4 0.0 181.0



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# 1563

Delta R.T. 0.00 min

Lab File: VX002768.D

Acq: 21 Jun 2018 03:51

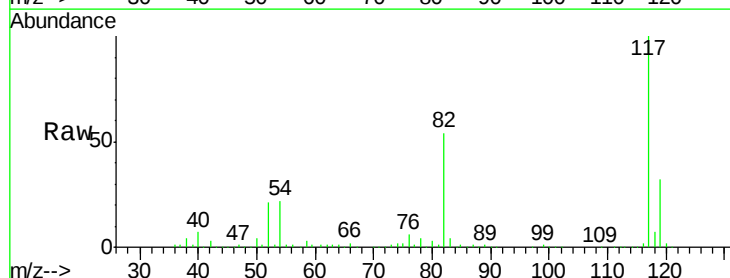
Tgt Ion: 117 Resp: 291776

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

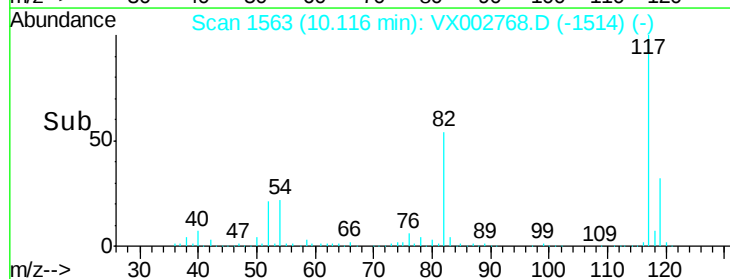
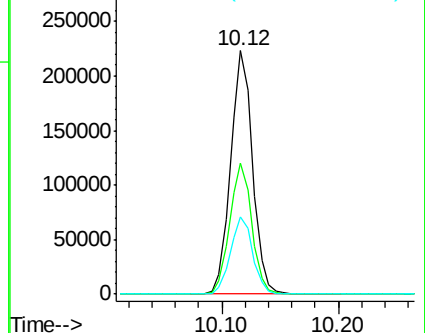
119 31.6 25.8 38.6

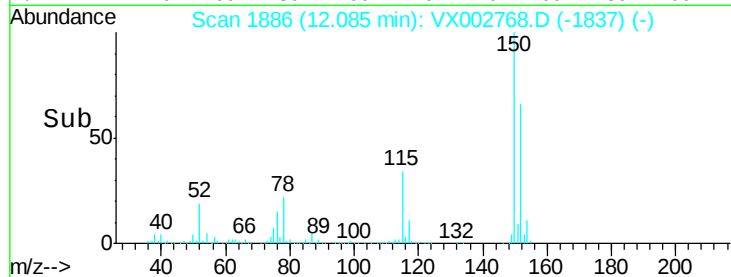
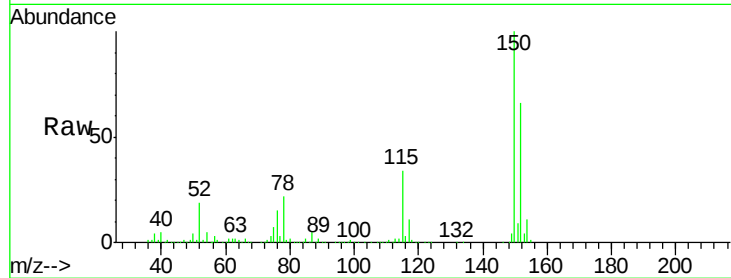
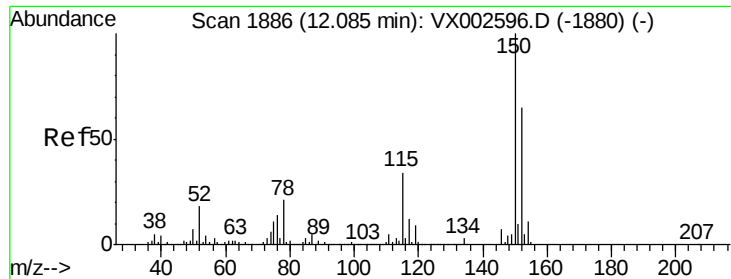


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX002768.D

Acq: 21 Jun 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#07

Tot Ion:152 Resp: 166158

Ion Ratio Lower Upper

152 100

115 53.4 40.1 120.2

150 155.3 0.0 347.2

