

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002769.D
 Acq On : 21 Jun 2018 04:18
 Operator : JC/MD
 Sample : PB110408ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#08

Quant Time: Jun 21 07:22:55 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

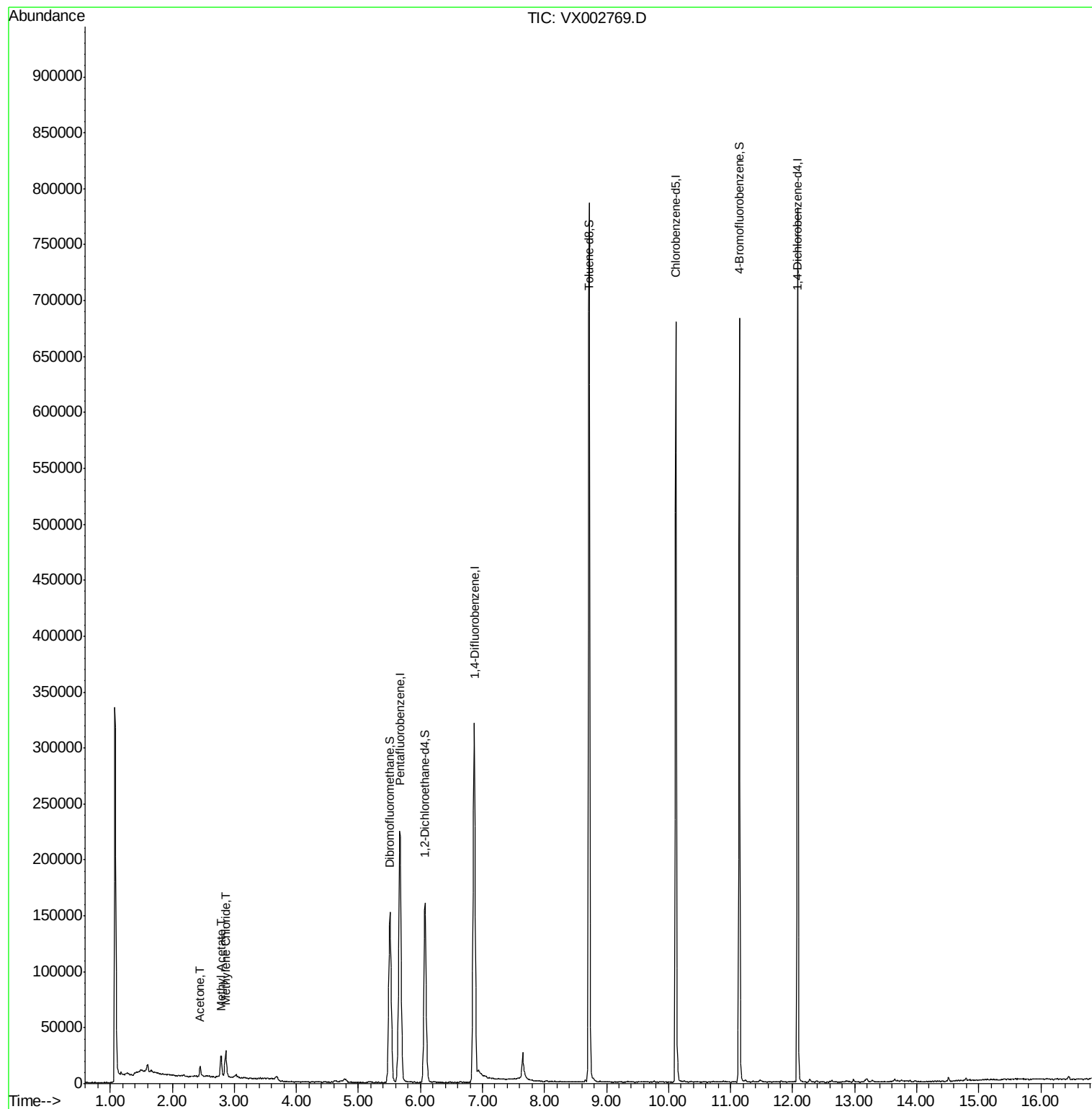
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153453	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
35) Dibromofluoromethane	5.51	113	123347	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.72	98	452802	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.14	95	157370	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds						
16) Acetone	2.45	43	10610	7.09	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	24088	6.04	ug/l	98
20) Methylene Chloride	2.86	84	11258	3.67	ug/l	93

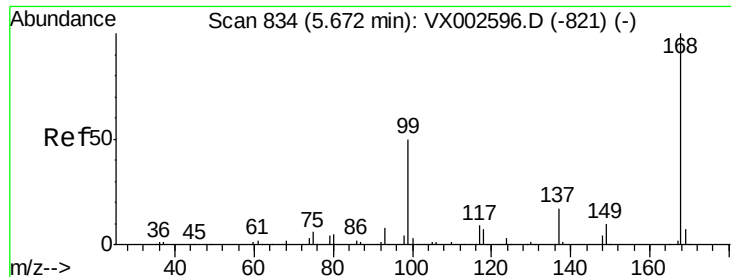
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002769.D

Acq: 21 Jun 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

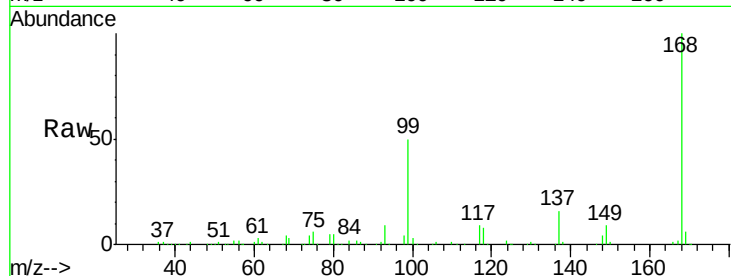
PB110408ZHE#08

Tot Ion:168 Resp: 223271

Ion Ratio Lower Upper

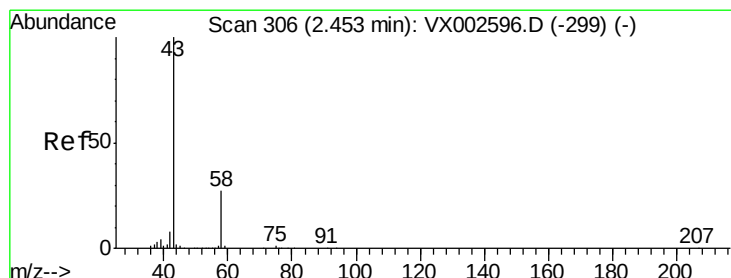
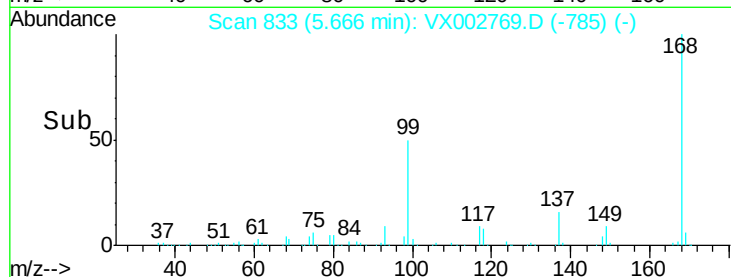
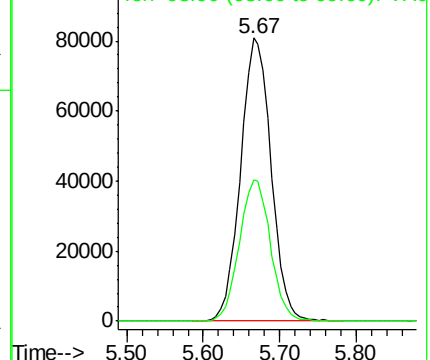
168 100

99 50.1 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: 7.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002769.D

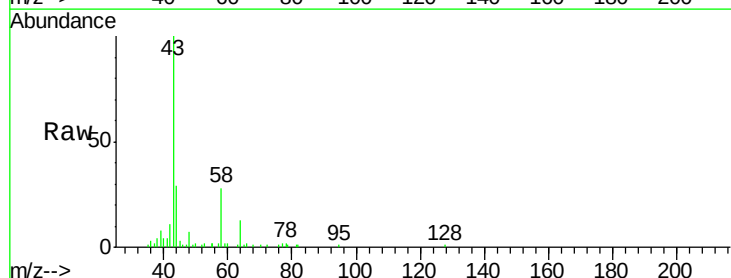
Acq: 21 Jun 2018 04:18

Tgt Ion: 43 Resp: 10610

Ion Ratio Lower Upper

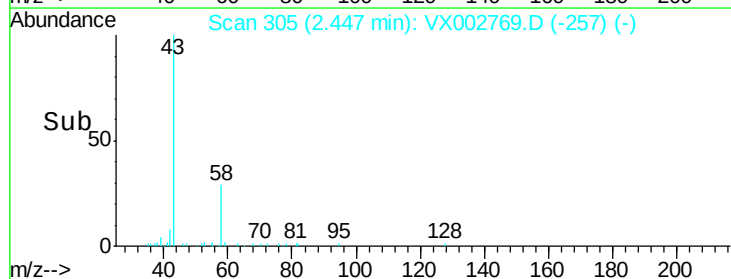
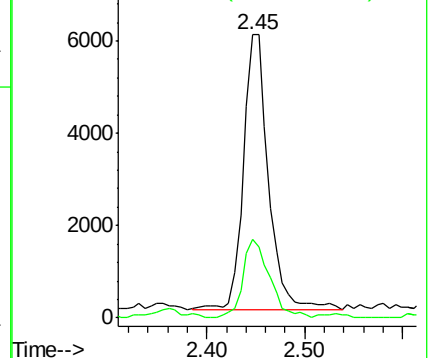
43 100

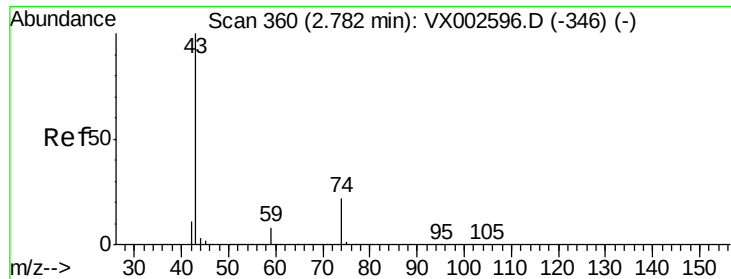
58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

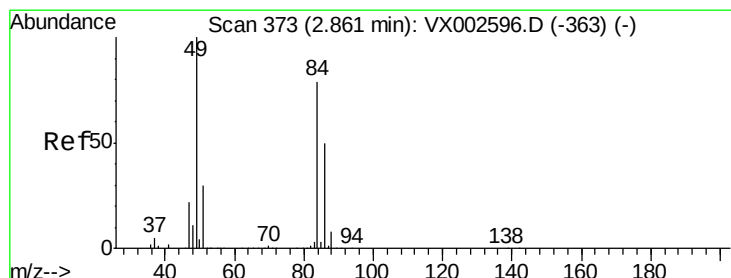
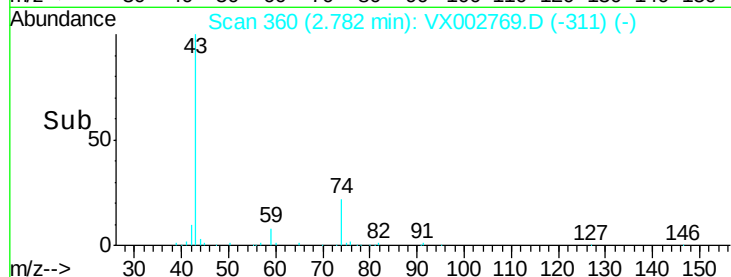
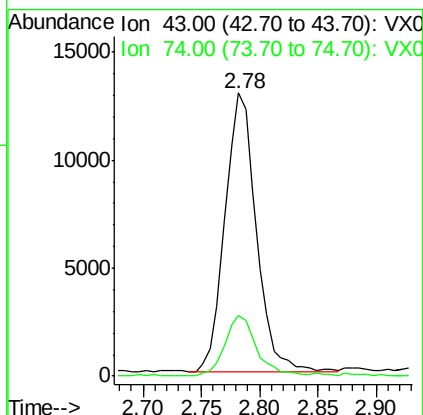
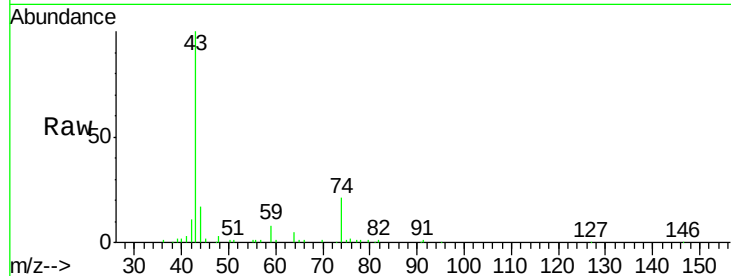




#18
Methvl Acetate
Concen: 6.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002769.D
Acq: 21 Jun 2018 04:18

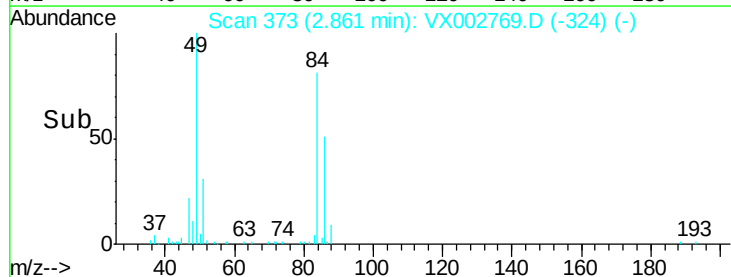
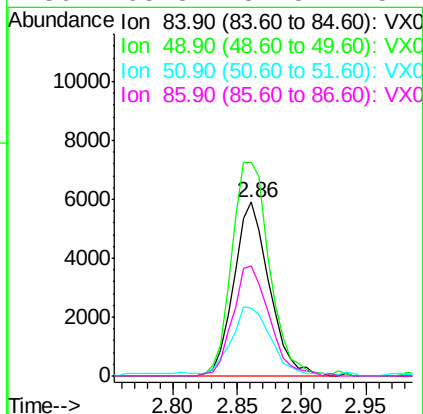
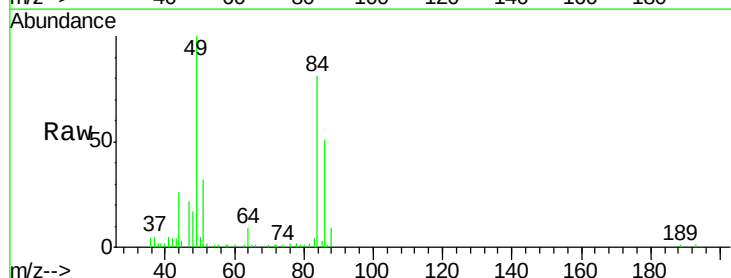
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#08

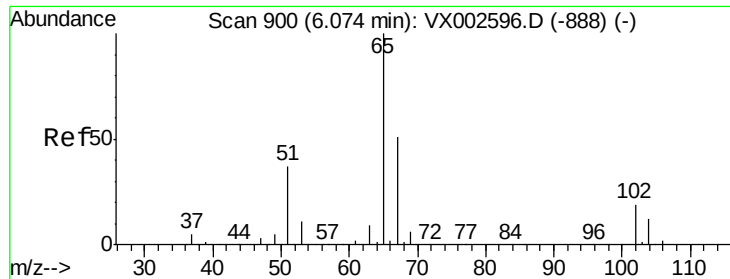
Tot Ion: 43 Resp: 24088
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1



#20
Methylene Chloride
Concen: 3.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002769.D
Acq: 21 Jun 2018 04:18

Tgt Ion: 84 Resp: 11258
Ion Ratio Lower Upper
84 100
49 123.0 107.8 161.6
51 38.1 32.8 49.2
86 63.3 52.5 78.7

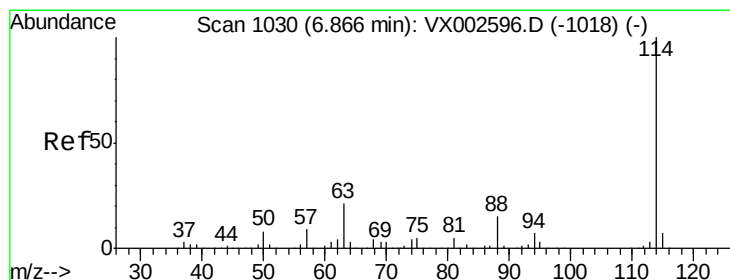
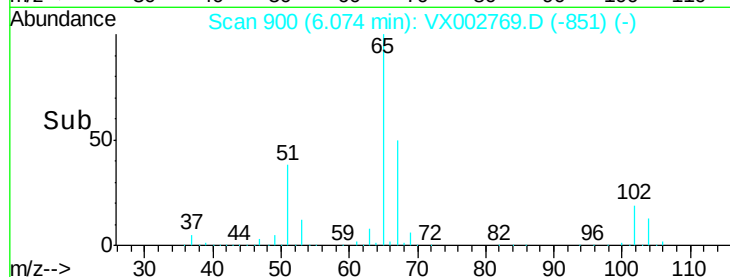
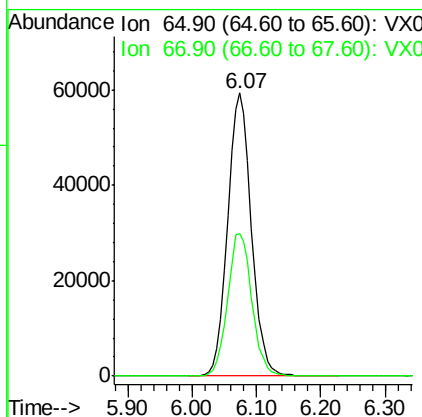
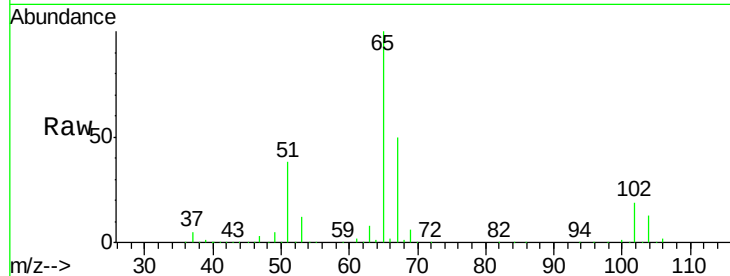




#33
 1,2-Dichloroethane-d4
 Concen: 45.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002769.D
 Acq: 21 Jun 2018 04:18

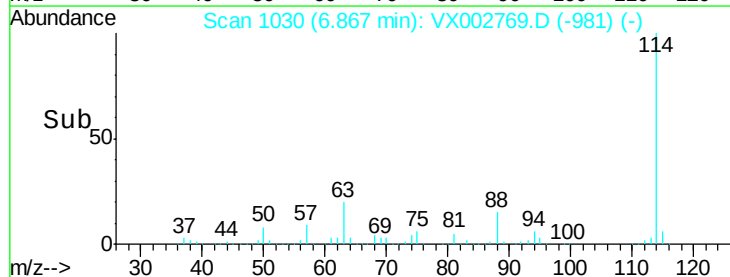
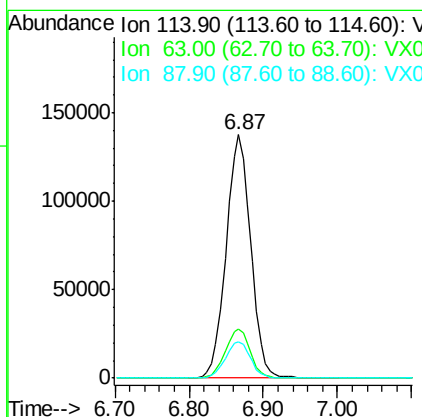
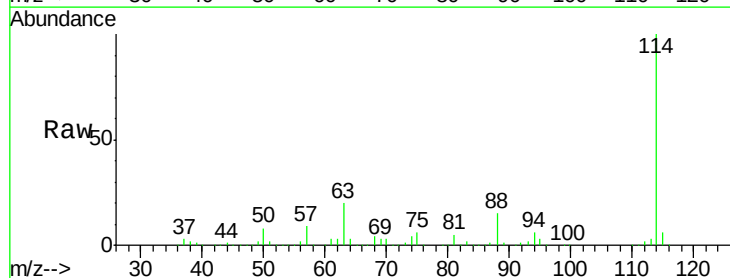
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#08

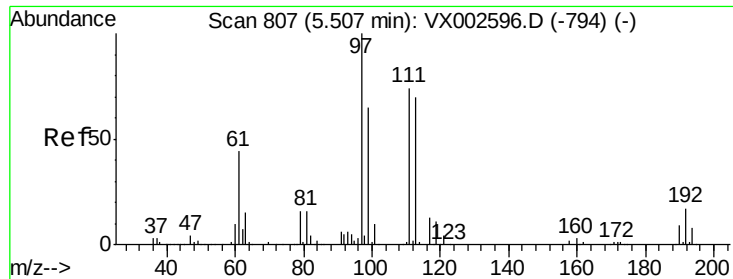
Tot Ion: 65 Resp: 153453
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002769.D
 Acq: 21 Jun 2018 04:18

Tgt Ion: 114 Resp: 317148
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.73 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002769.D

Acq: 21 Jun 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#08

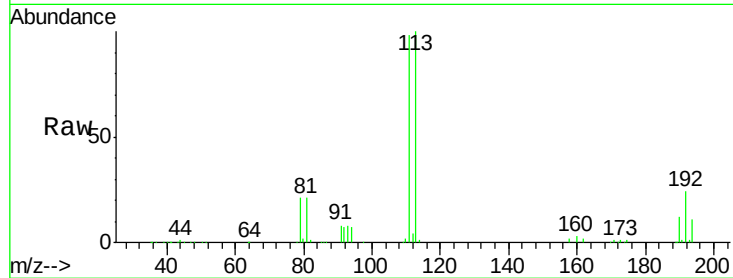
Tot Ion:113 Resp: 123347

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

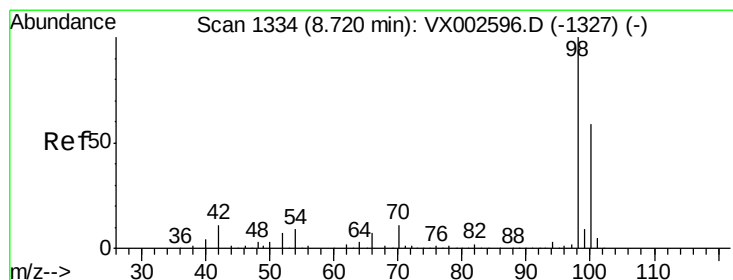
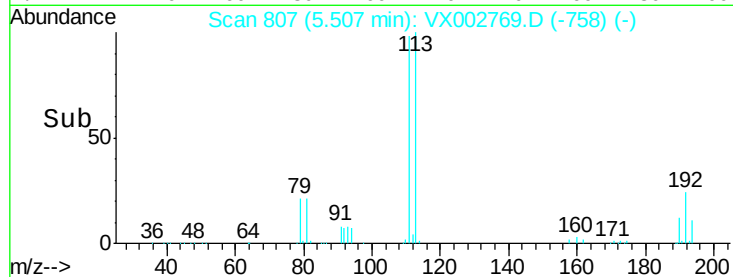
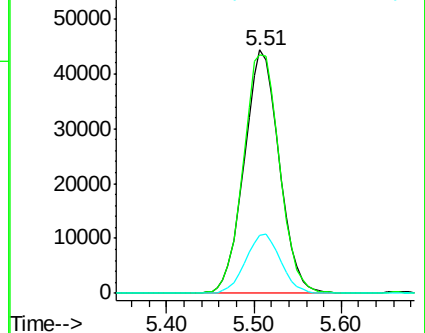
192 24.4 19.1 28.7



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: 47.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002769.D

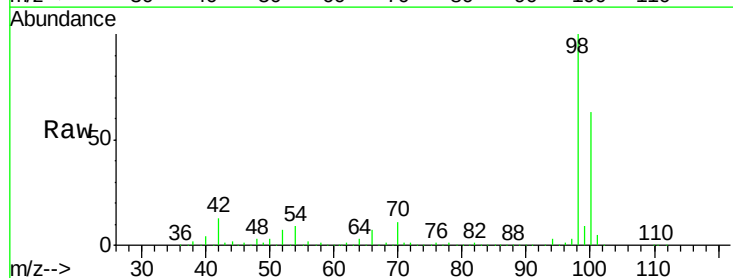
Acq: 21 Jun 2018 04:18

Tgt Ion: 98 Resp: 452802

Ion Ratio Lower Upper

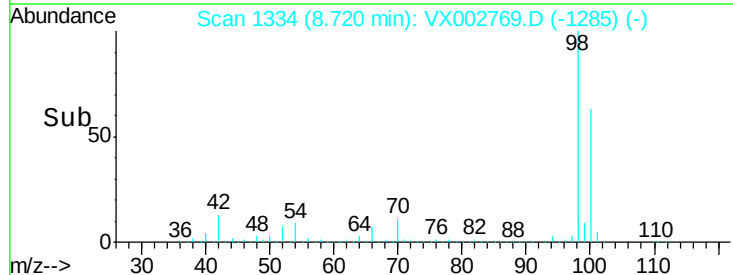
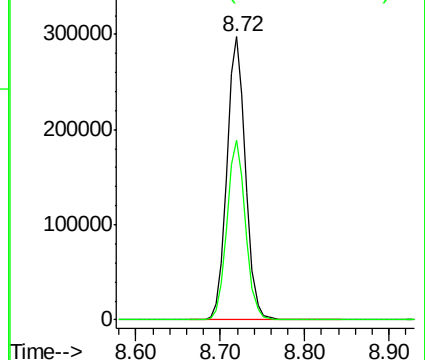
98 100

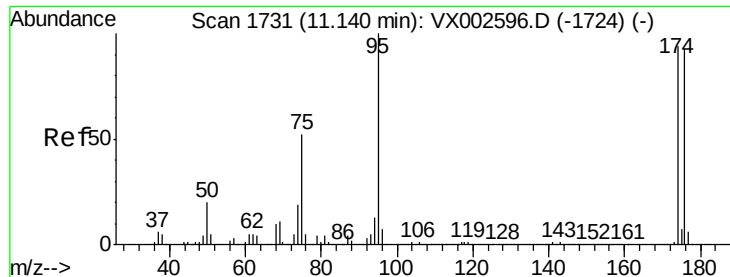
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

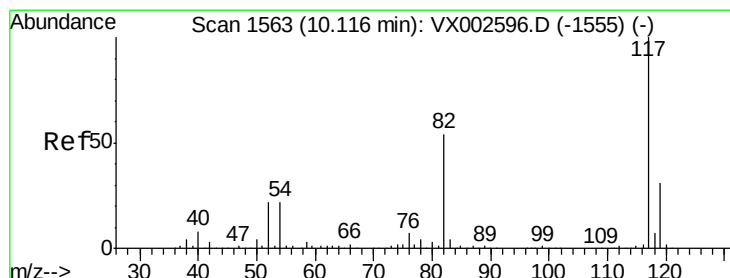
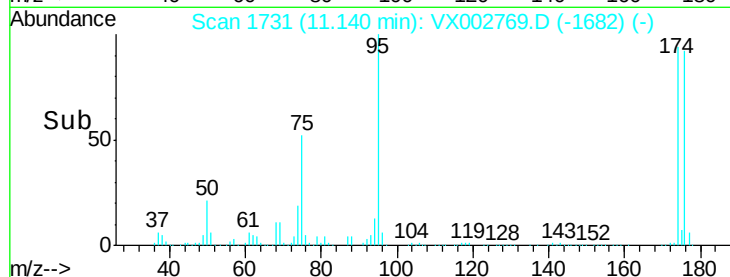
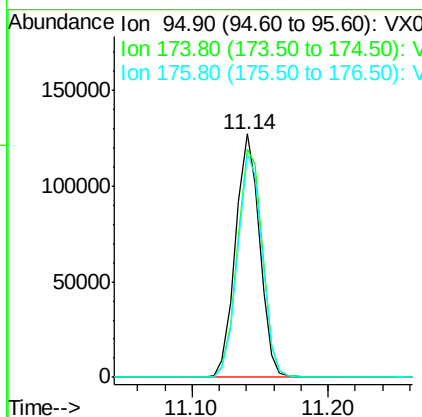
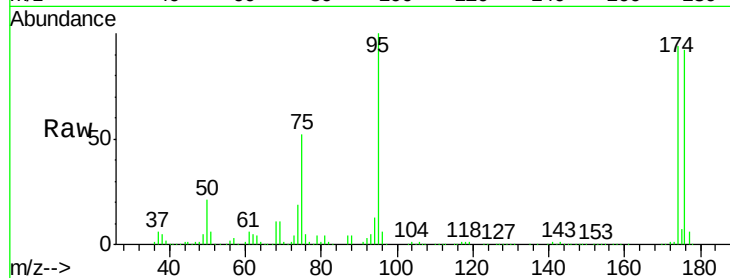




#62
 4-Bromofluorobenzene
 Concen: 43.21 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002769.D
 Acq: 21 Jun 2018 04:18

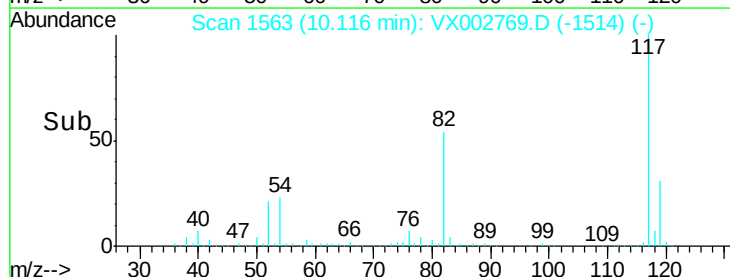
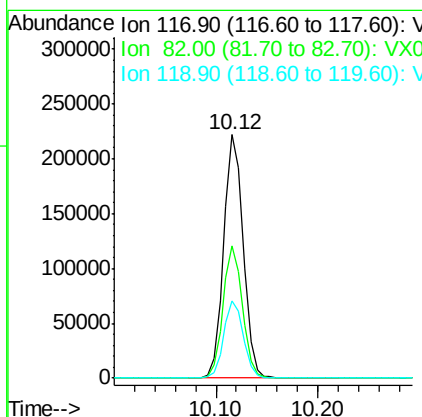
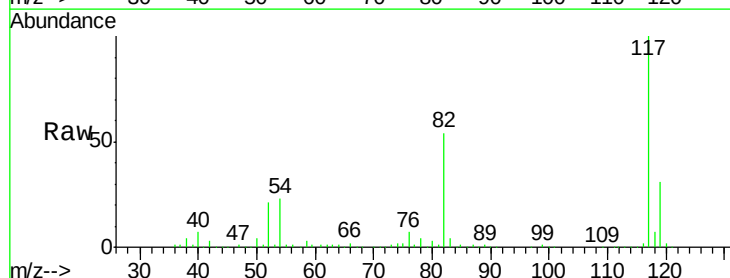
Instrument :
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 ClientSampleId :
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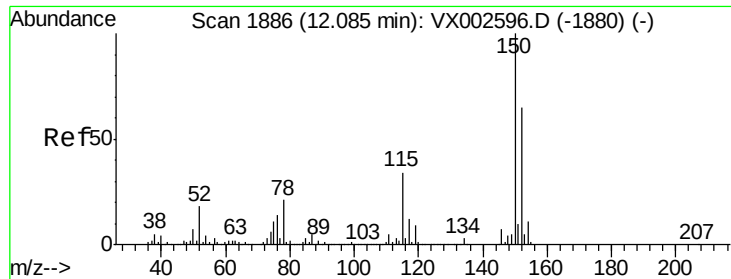
Tot Ion: 95 Resp: 157370
 Ion Ratio Lower Upper
 95 100
 174 97.4 0.0 187.4
 176 93.8 0.0 181.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX002769.D
 Acq: 21 Jun 2018 04:18

Tgt Ion: 117 Resp: 295677
 Ion Ratio Lower Upper
 117 100
 82 54.4 45.0 67.4
 119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002769.D

Acq: 21 Jun 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#08

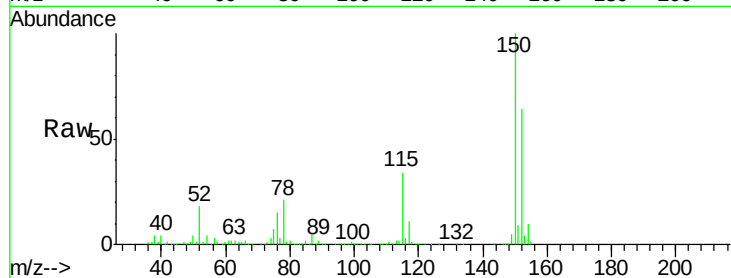
Tot Ion:152 Resp: 166283

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

150 156.0 0.0 347.2



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

