

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004186.D
 Acq On : 21 Aug 2018 19:49
 Operator : JC/MD
 Sample : PB112227ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112227ZHE#01

Quant Time: Aug 22 02:01:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

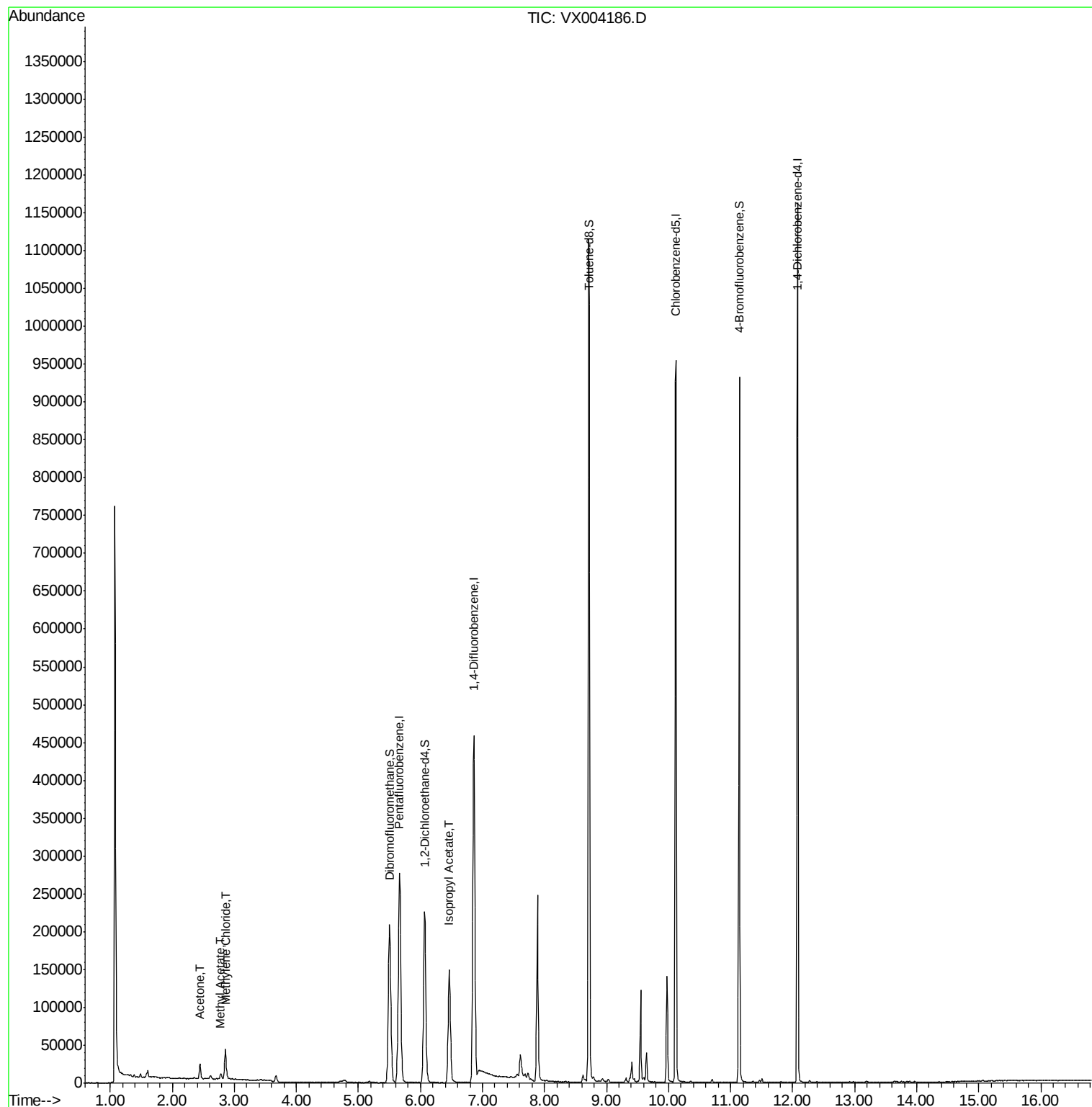
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	450158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210288	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	5.50	113	176203	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	658016	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.14	95	229320	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
16) Acetone	2.45	43	20796	9.94	ug/l	99
18) Methyl Acetate	2.78	43	9280	2.00	ug/l	100
20) Methylene Chloride	2.86	84	18701	4.92	ug/l	98
43) Isopropyl Acetate	6.46	43	194384	22.54	ug/l	100

(#) = 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. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

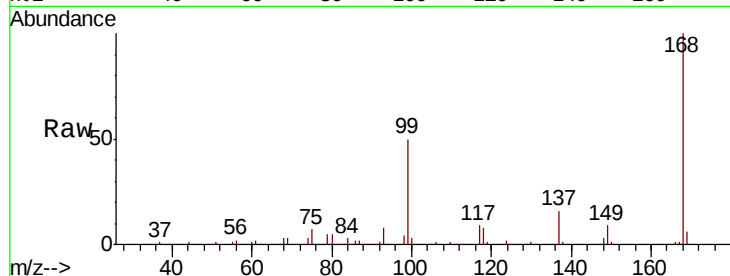
PB112227ZHE#01

Tot Ion:168 Resp: 285715

Ion Ratio Lower Upper

168 100

99 50.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

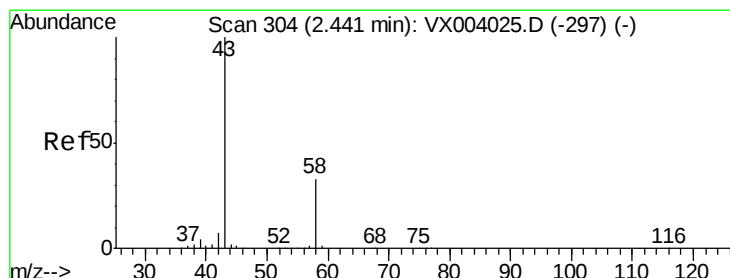
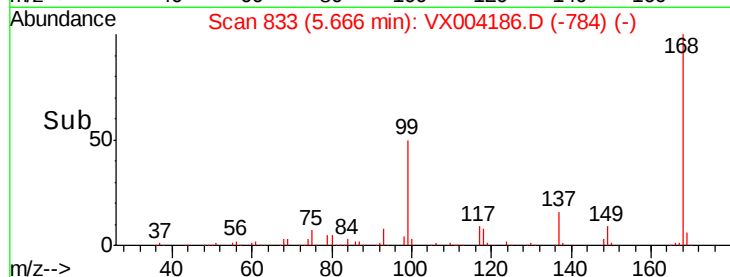
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.94 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004186.D

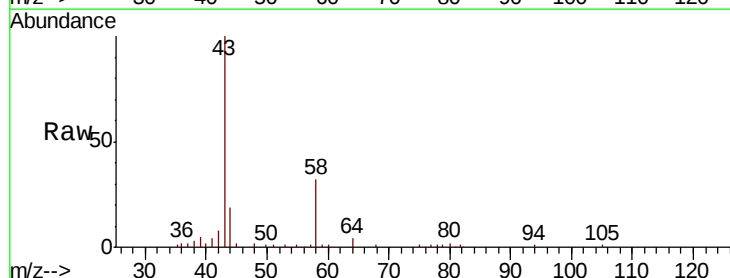
Acq: 21 Aug 2018 19:49

Tgt Ion: 43 Resp: 20796

Ion Ratio Lower Upper

43 100

58 32.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

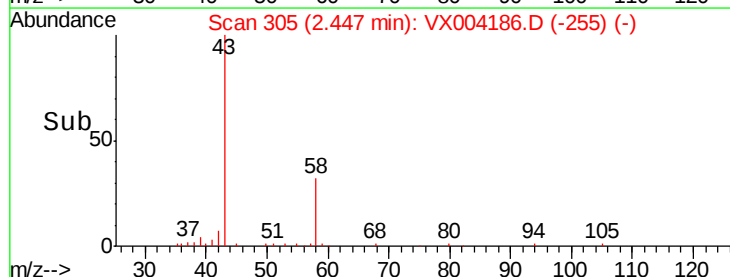
10000

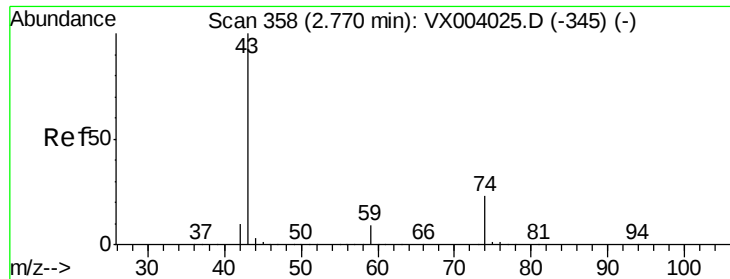
5000

0

Time-->

2.35 2.40 2.45 2.50

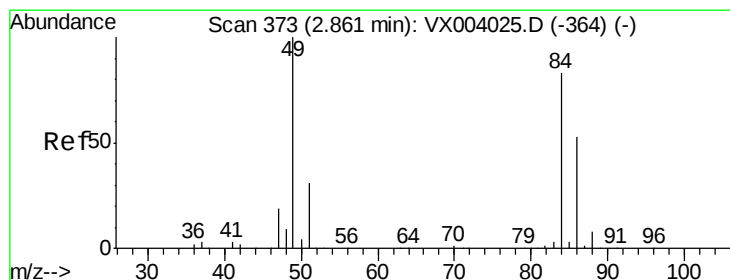
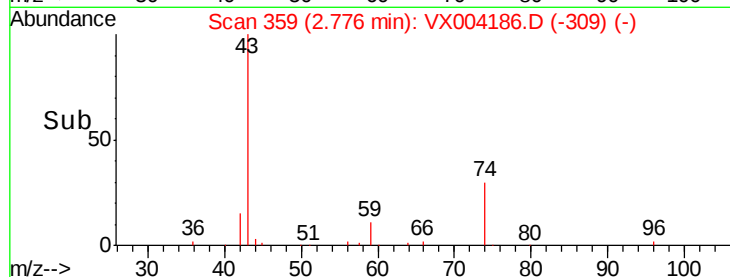
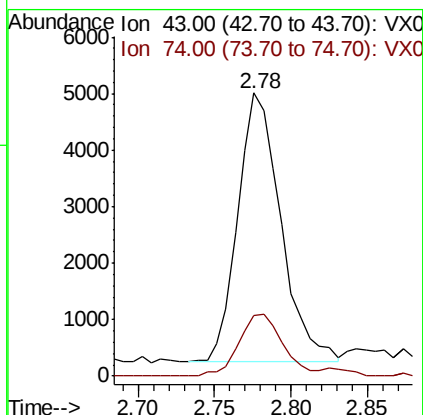
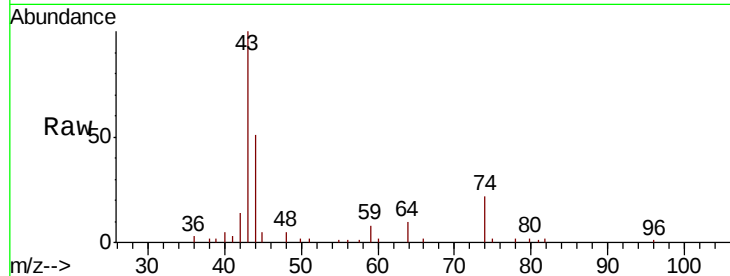




#18
Methyl Acetate
Concen: 2.00 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004186.D
Acq: 21 Aug 2018 19:49

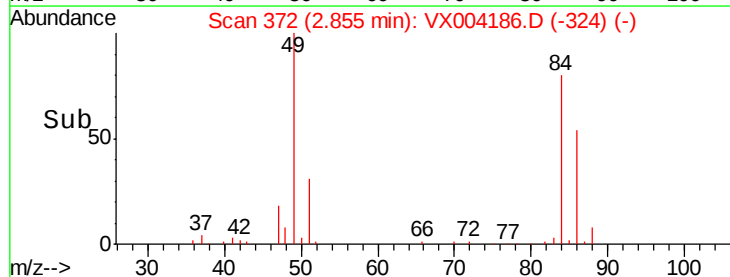
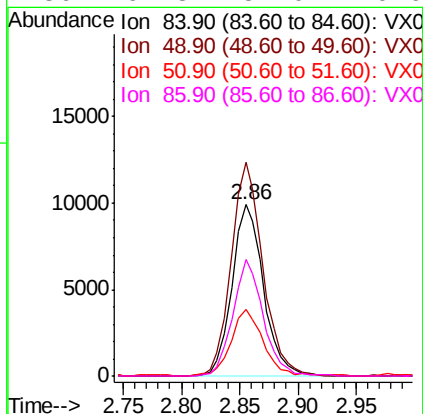
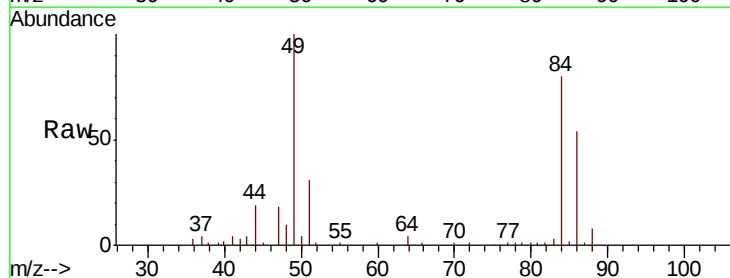
Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#01

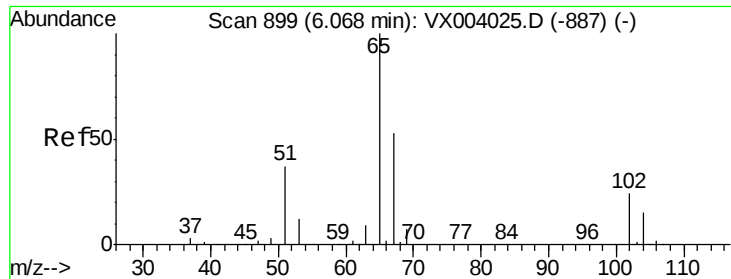
Tot Ion: 43 Resp: 9280
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3



#20
Methylene Chloride
Concen: 4.92 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004186.D
Acq: 21 Aug 2018 19:49

Tgt Ion: 84 Resp: 18701
Ion Ratio Lower Upper
84 100
49 124.6 98.9 148.3
51 38.5 29.9 44.9
86 67.8 51.0 76.6

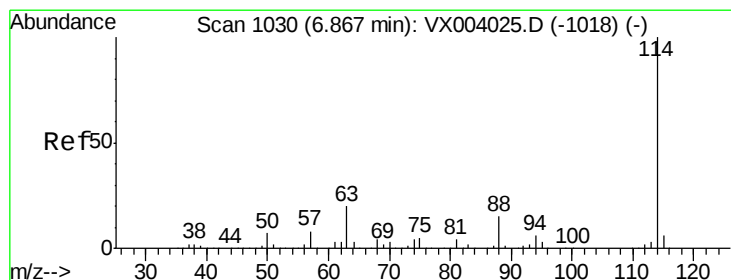
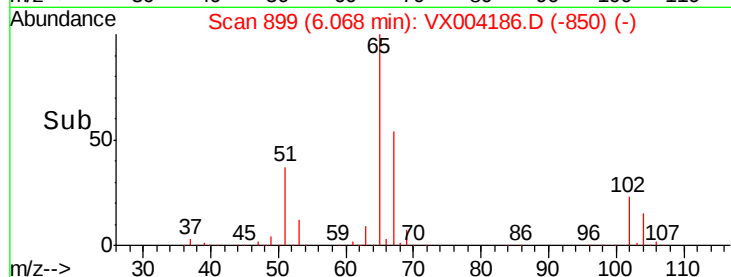
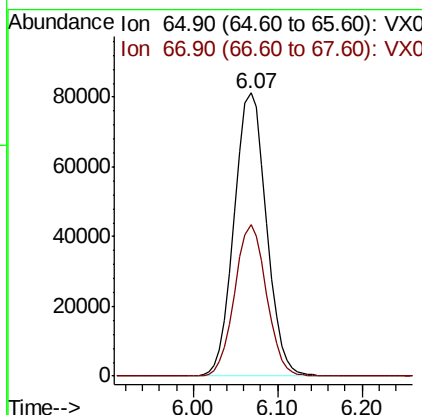
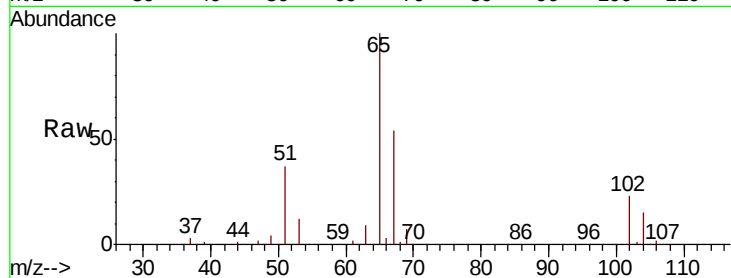




#33
 1,2-Dichloroethane-d4
 Concen: 52.24 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004186.D
 Acq: 21 Aug 2018 19:49

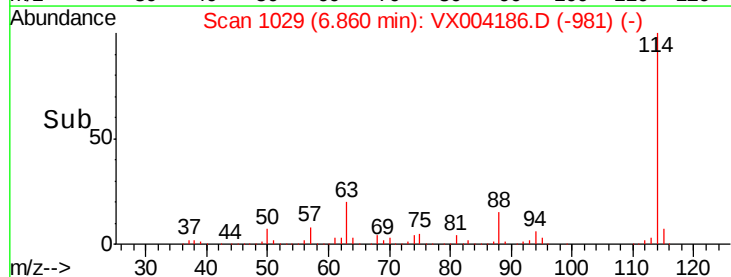
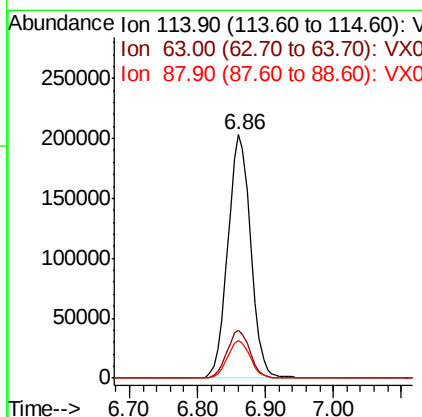
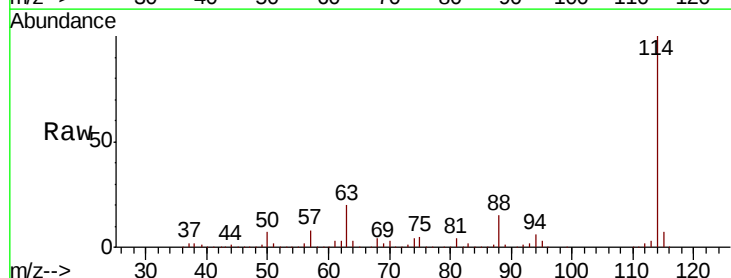
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112227ZHE#01

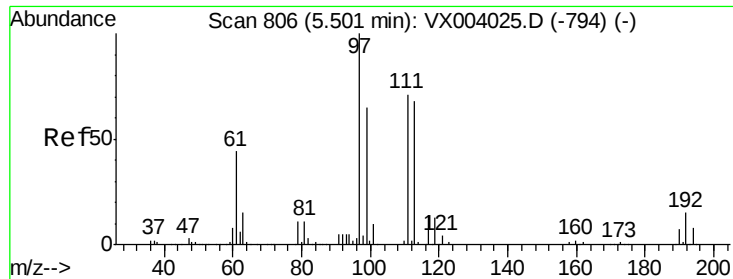
Tot Ion: 65 Resp: 210288
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004186.D
 Acq: 21 Aug 2018 19:49

Tgt Ion: 114 Resp: 472189
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.3 0.0 32.0

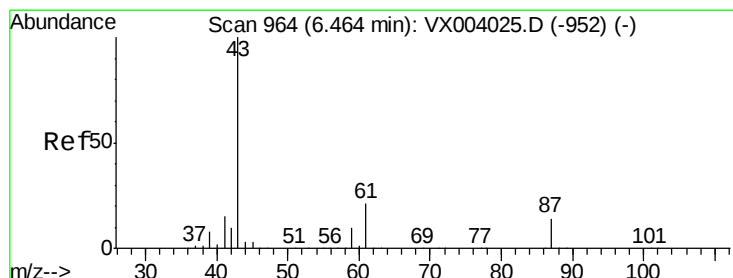
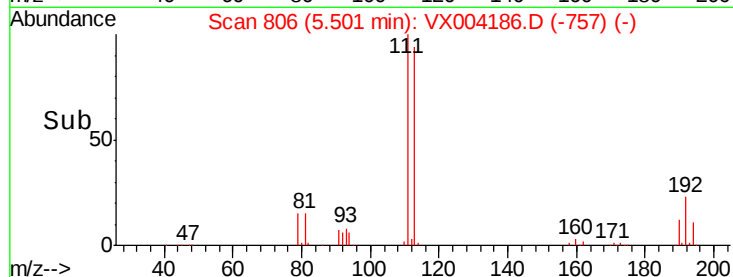
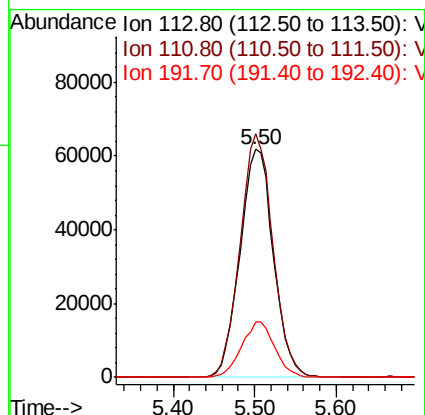
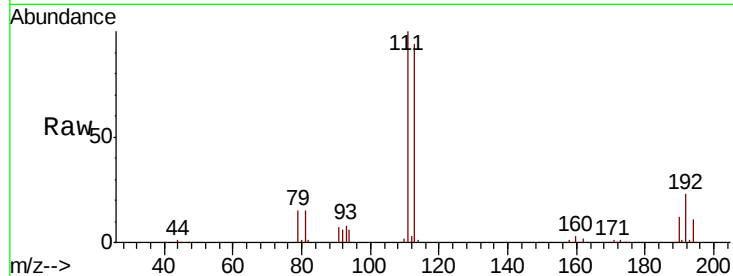




#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004186.D
 Acq: 21 Aug 2018 19:49

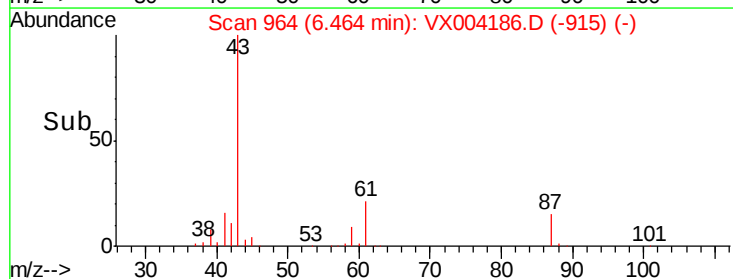
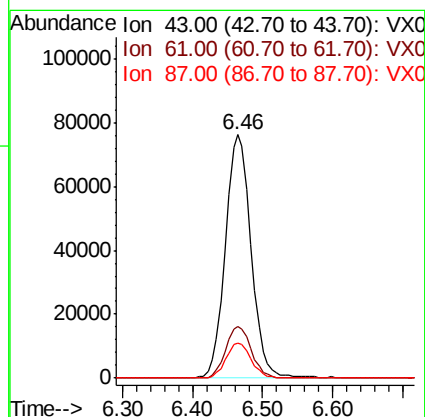
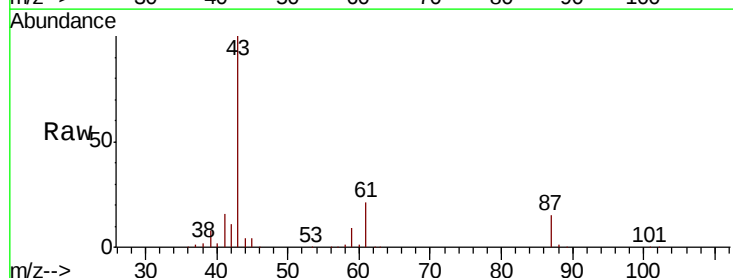
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112227ZHE#01

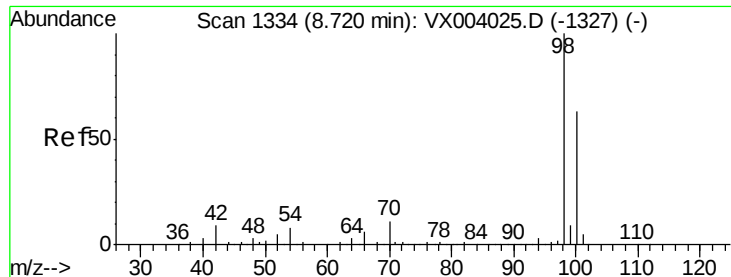
Tot Ion:113 Resp: 176203
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.0 123.0
 192 24.0 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 22.54 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004186.D
 Acq: 21 Aug 2018 19:49

Tgt Ion: 43 Resp: 194384
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.9 25.3
 87 14.2 11.3 16.9





#50

Toluene-d8

Concen: 45.92 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004186.D

Acq: 21 Aug 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

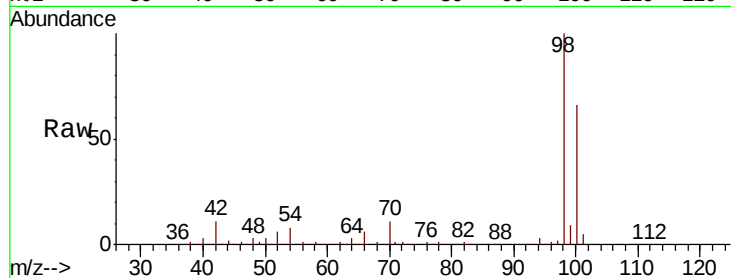
PB112227ZHE#01

Tot Ion: 98 Resp: 658016

Ion Ratio Lower Upper

98 100

100 65.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

300000

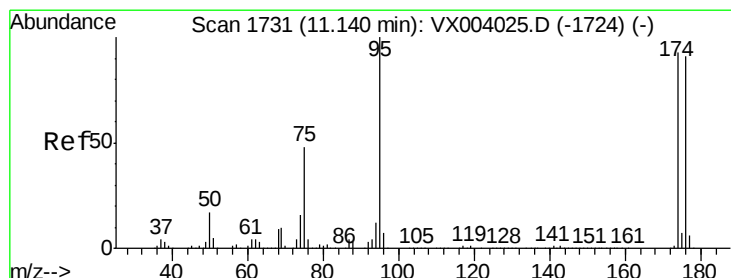
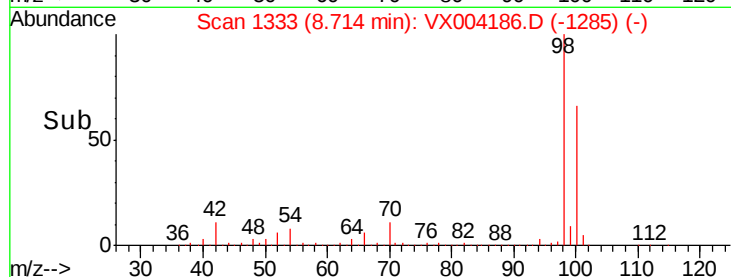
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004186.D

Acq: 21 Aug 2018 19:49

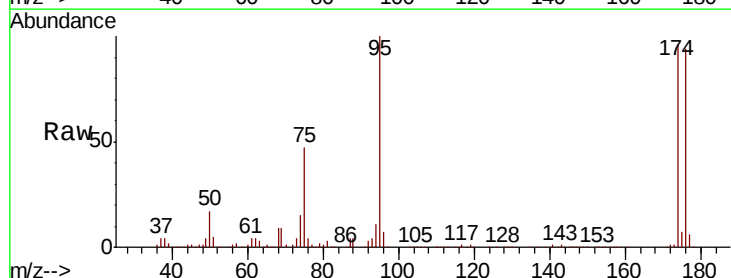
Tgt Ion: 95 Resp: 229320

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.8

176 88.5 0.0 179.0



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

11.14

200000

150000

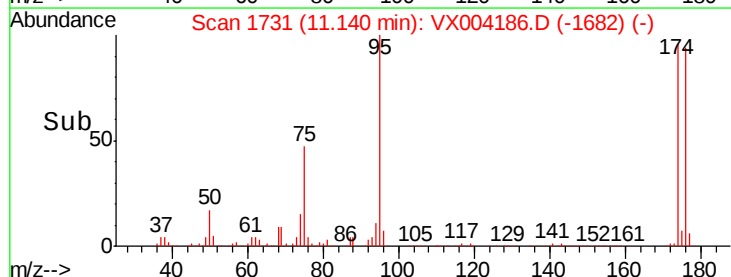
100000

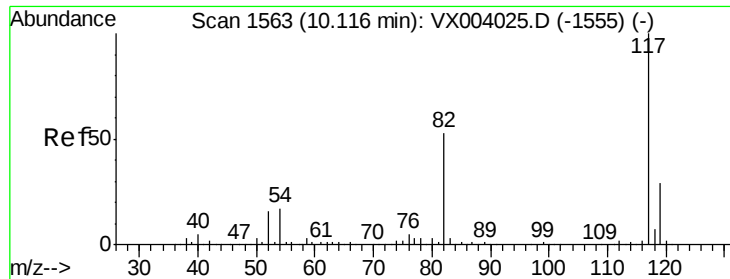
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004186.D

Acq: 21 Aug 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB112227ZHE#01

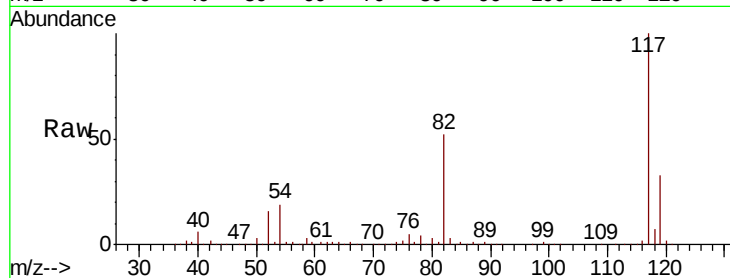
Tot Ion:117 Resp: 450158

Ion Ratio Lower Upper

117 100

82 51.8 45.4 68.0

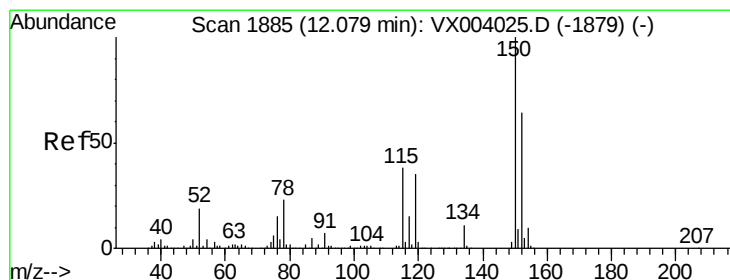
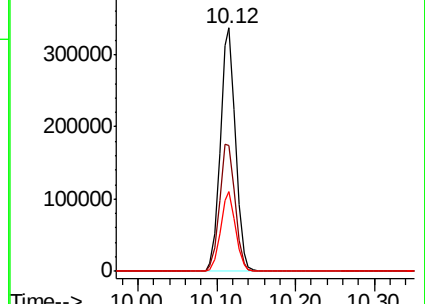
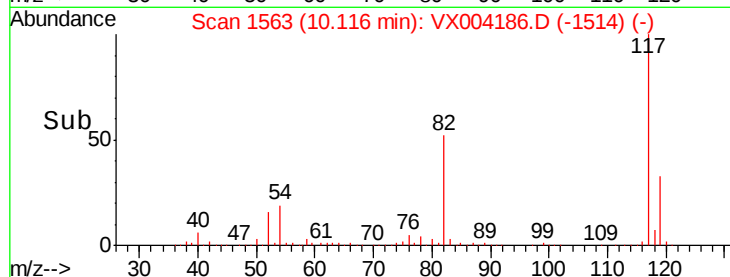
119 32.7 26.6 40.0



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: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004186.D

Acq: 21 Aug 2018 19:49

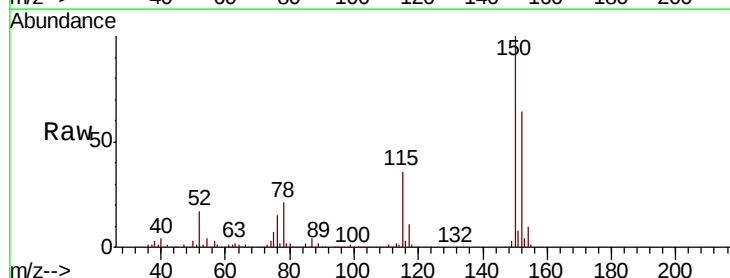
Tgt Ion:152 Resp: 237469

Ion Ratio Lower Upper

152 100

115 55.5 39.1 117.3

150 158.2 0.0 349.2



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

