

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006194.D
 Acq On : 27 Nov 2018 00:31
 Operator : JC/MD
 Sample : PB115023ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#07

Quant Time: Nov 27 04:32:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

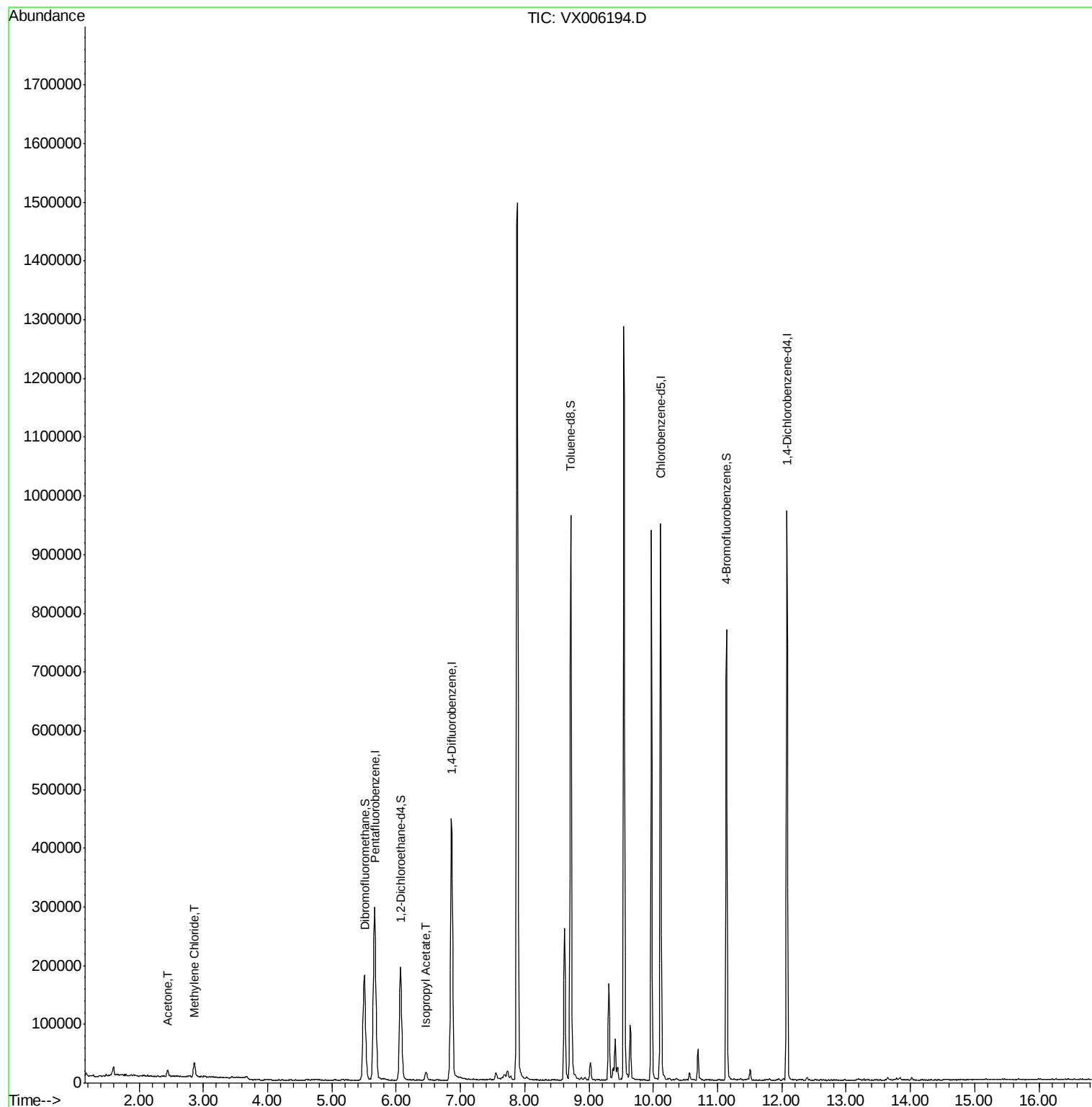
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	294357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	435100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188422	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	5.51	113	150050	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	8.71	98	574739	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	11.14	95	187543	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
16) Acetone	2.45	43	12927	8.54	ug/l	Qvalue 100
20) Methylene Chloride	2.85	84	12234	5.03	ug/l	93
43) Isopropyl Acetate	6.46	43	18697	2.53	ug/l	99

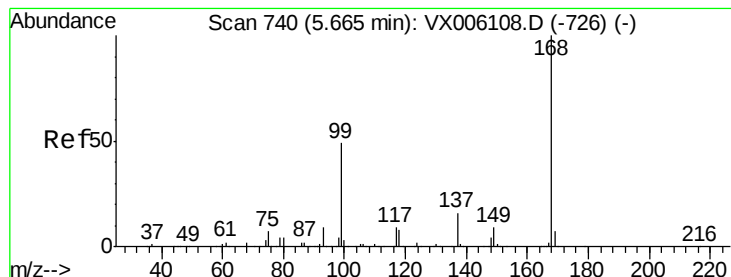
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

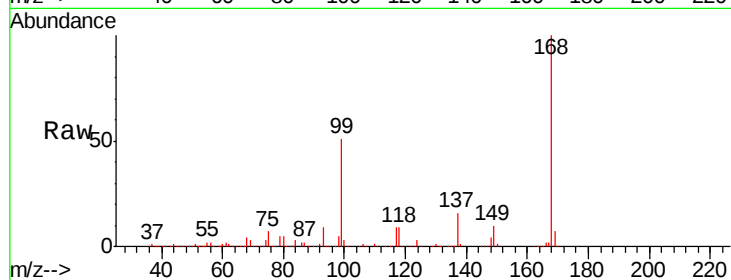
PB115023ZHE#07

Tgt Ion:168 Resp: 294357

Ion Ratio Lower Upper

168 100

99 50.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

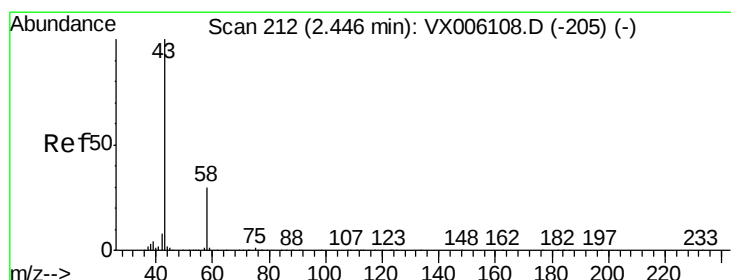
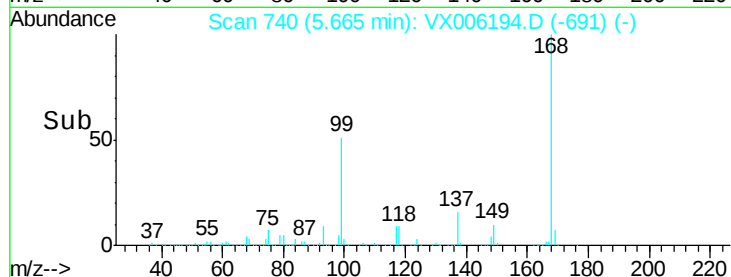
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.54 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006194.D

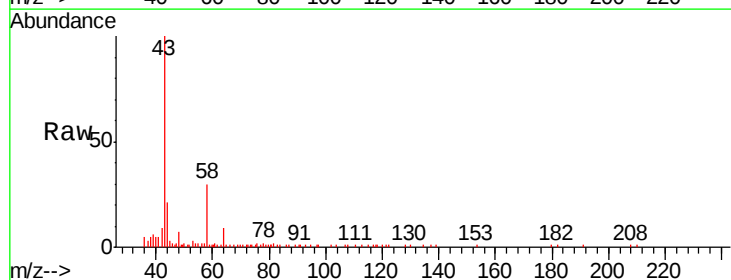
Acq: 27 Nov 2018 00:31

Tgt Ion: 43 Resp: 12927

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

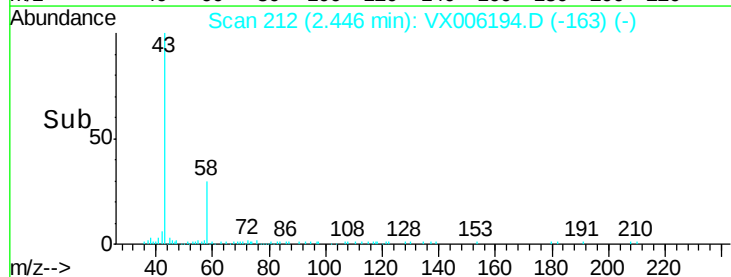
6000

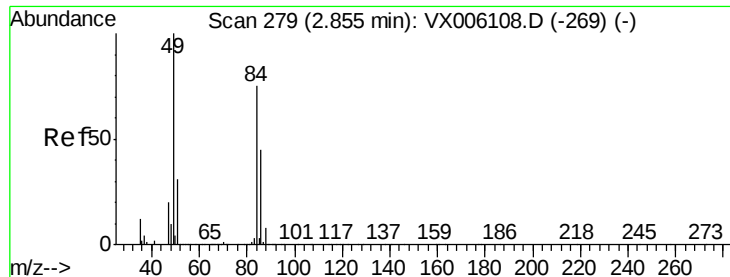
4000

2000

0

Time--> 2.40 2.45 2.50

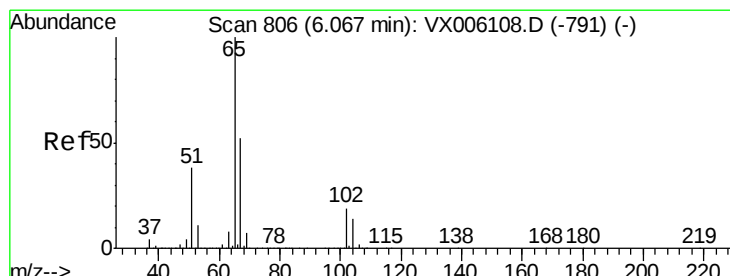
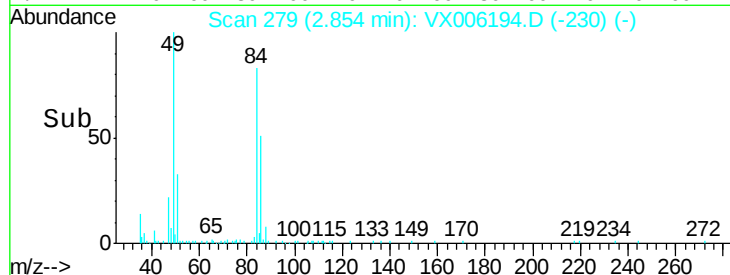
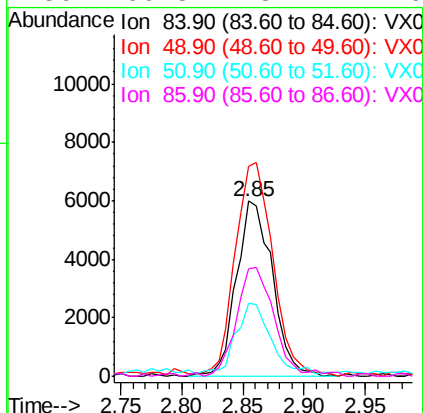
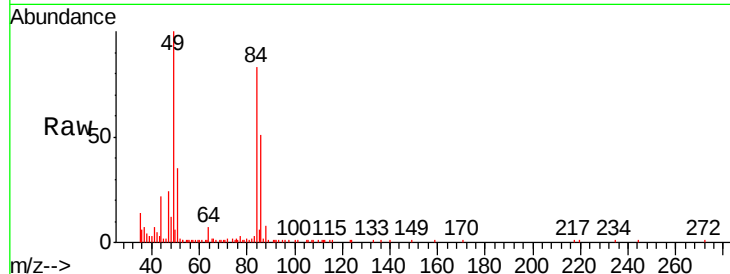




#20
Methylene Chloride
Concen: 5.03 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

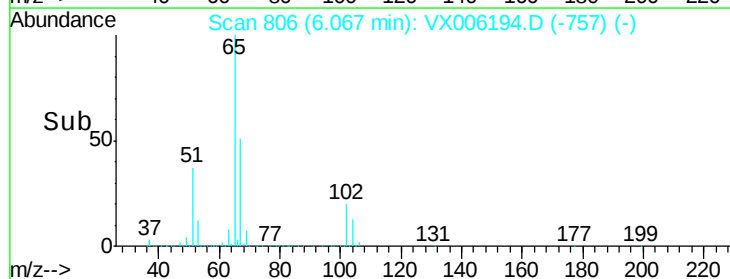
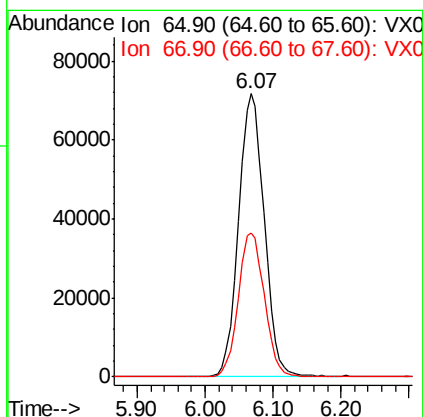
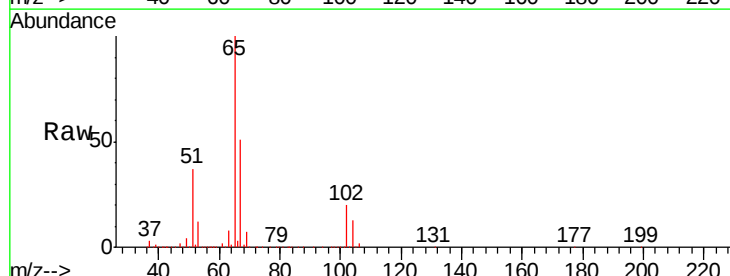
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#07

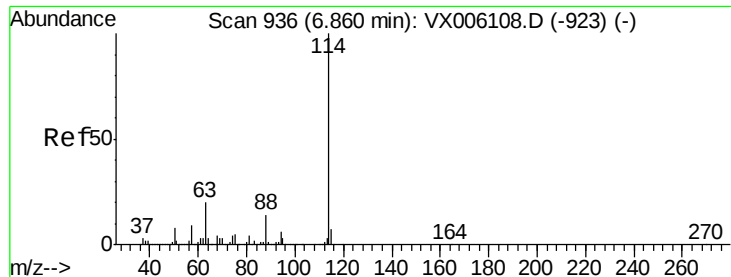
Tgt Ion: 84 Resp: 12234
Ion Ratio Lower Upper
84 100
49 120.2 106.6 159.8
51 39.5 32.6 49.0
86 60.8 48.4 72.6



#33
1,2-Dichloroethane-d4
Concen: 55.24 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

Tgt Ion: 65 Resp: 188422
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8

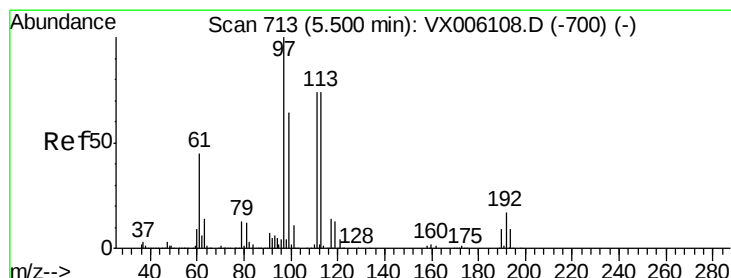
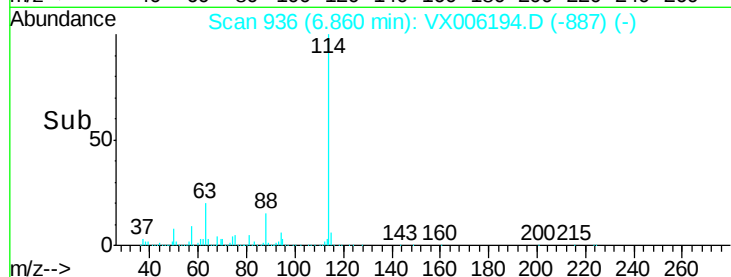
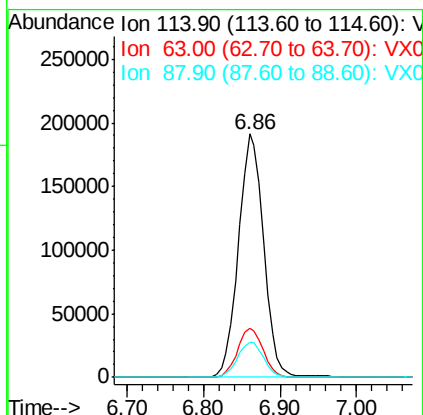
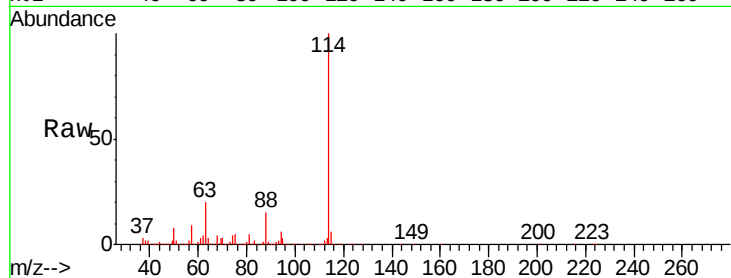




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006194.D
 Acq: 27 Nov 2018 00:31

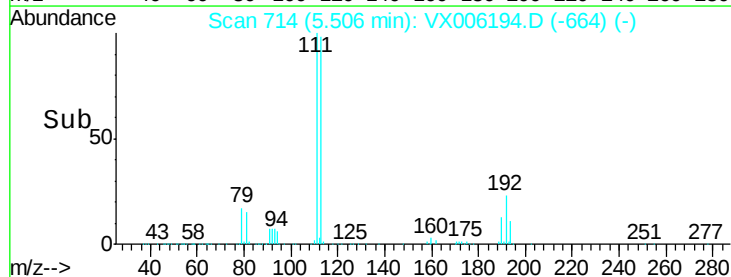
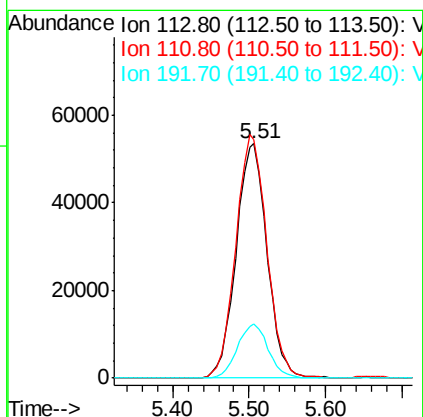
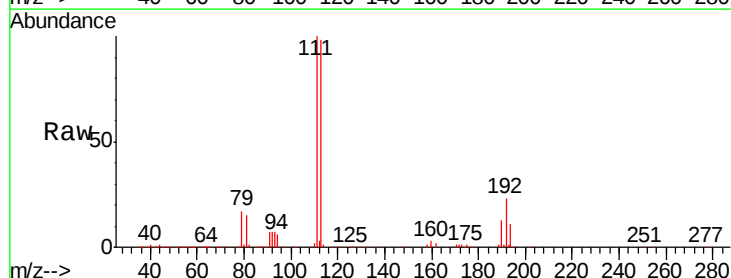
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#07

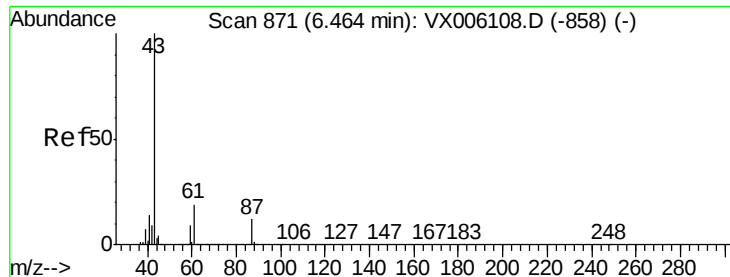
Tgt Ion:114 Resp: 437347
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 14.6 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 53.45 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006194.D
 Acq: 27 Nov 2018 00:31

Tgt Ion:113 Resp: 150050
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.5 122.3
 192 23.1 18.6 28.0





#43

Isopropyl Acetate

Concen: 2.53 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

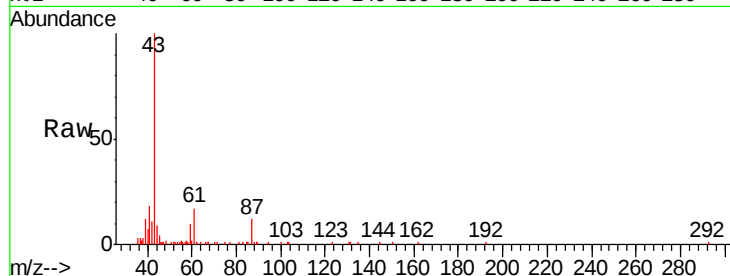
Tgt Ion: 43 Resp: 18697

Ion Ratio Lower Upper

43 100

61 19.7 15.2 22.8

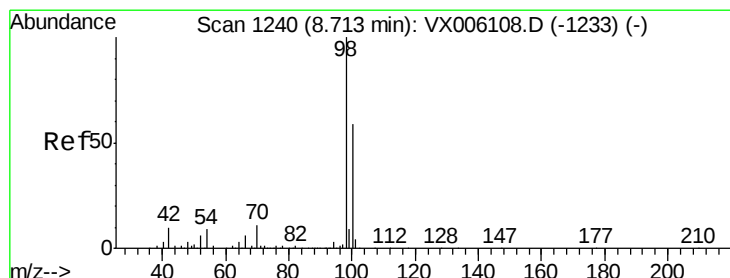
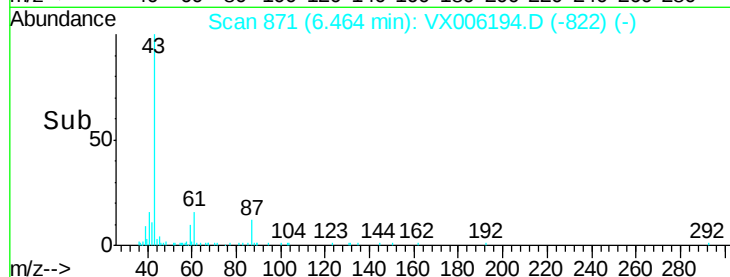
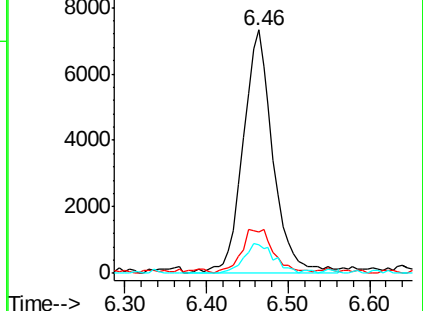
87 12.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 53.67 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006194.D

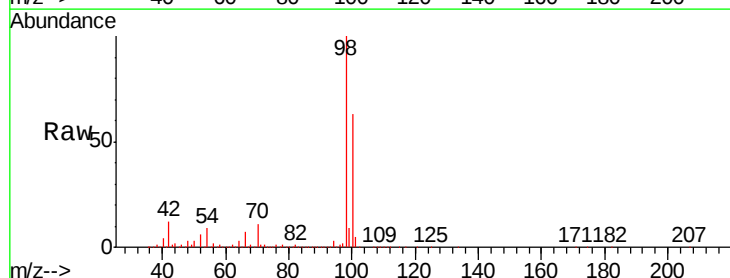
Acq: 27 Nov 2018 00:31

Tgt Ion: 98 Resp: 574739

Ion Ratio Lower Upper

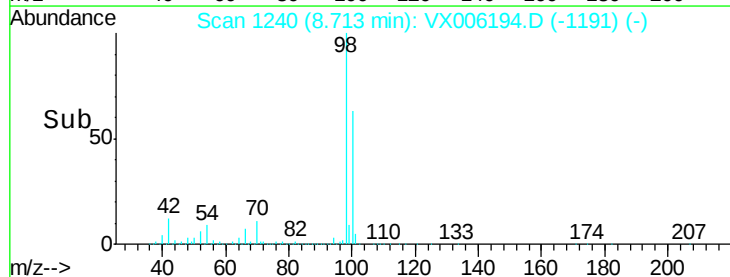
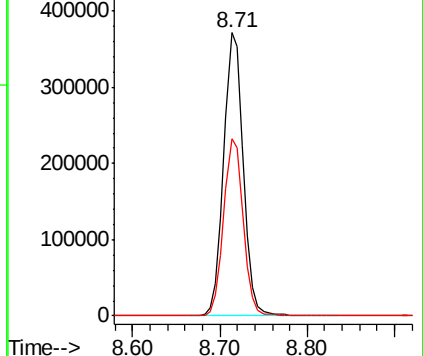
98 100

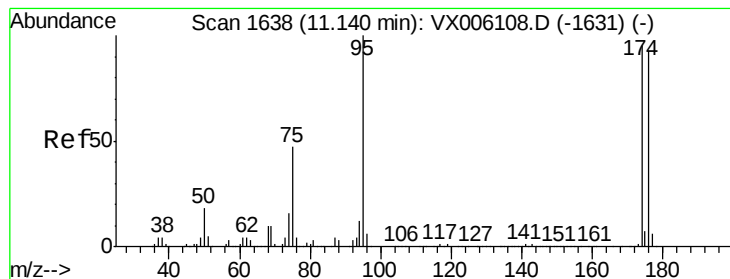
100 62.6 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.68 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

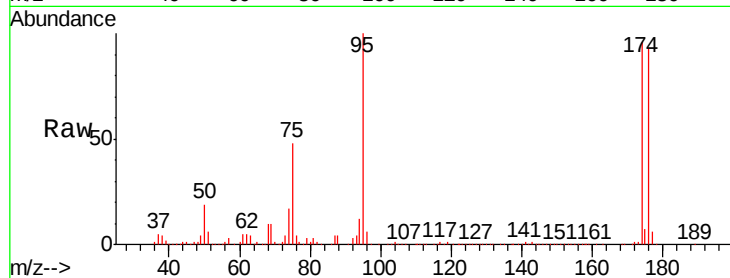
Tgt Ion: 95 Resp: 187543

Ion Ratio Lower Upper

95 100

174 93.7 0.0 184.4

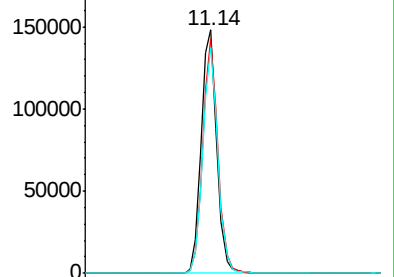
176 89.8 0.0 179.0



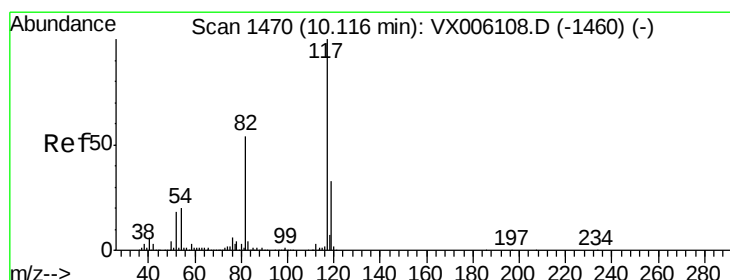
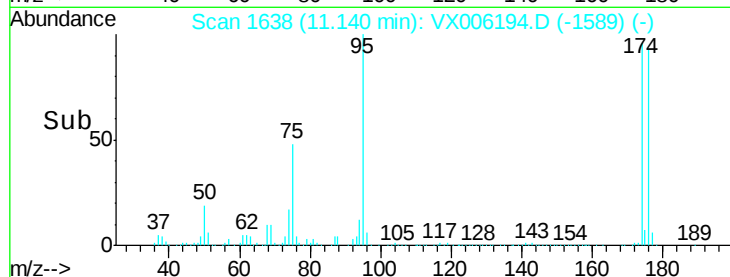
Abundance Ion 94.90 (94.60 to 95.60): VX006194.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006194.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006194.D (-1589) (-)



Time--> 11.00 11.10 11.20 11.30



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

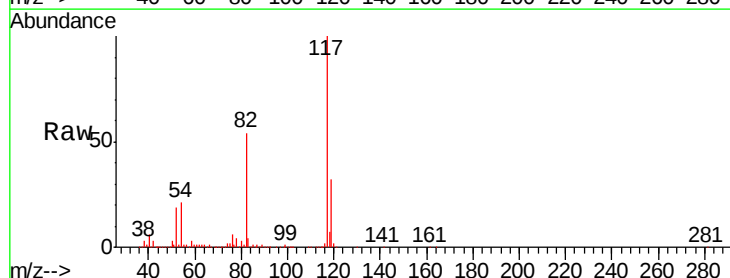
Tgt Ion: 117 Resp: 435100

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

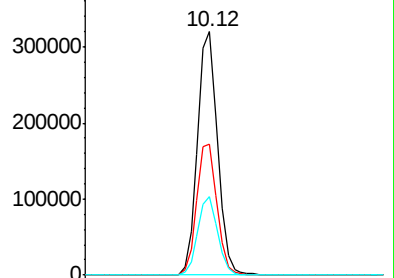
119 32.4 26.1 39.1



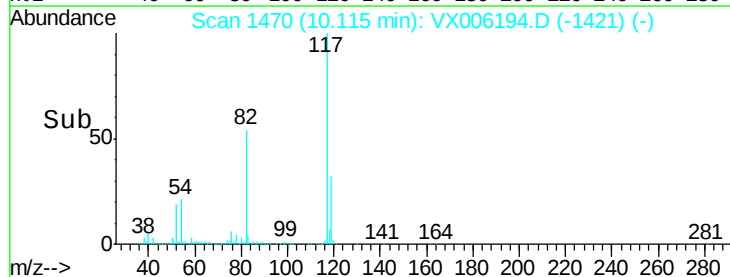
Abundance Ion 116.90 (116.60 to 117.60): VX006194.D (-1421) (-)

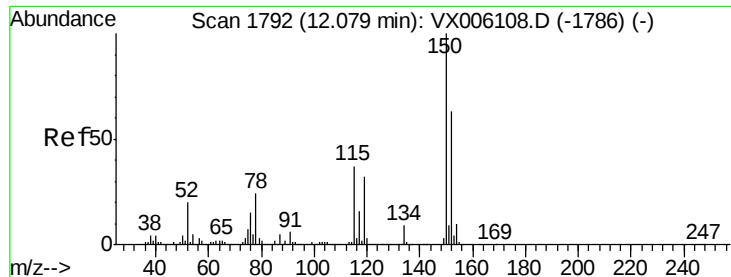
Ion 82.00 (81.70 to 82.70): VX006194.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006194.D (-1421) (-)



Time--> 10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

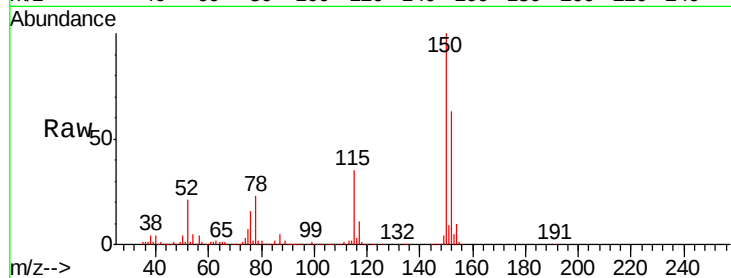
Tgt Ion:152 Resp: 201009

Ion Ratio Lower Upper

152 100

115 54.7 39.0 116.9

150 156.1 0.0 346.6



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

