

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000835.D
 Acq On : 13 Apr 2018 06:10
 Operator : JC/MD
 Sample : J2337-09 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR200036

Quant Time: Apr 13 08:21:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

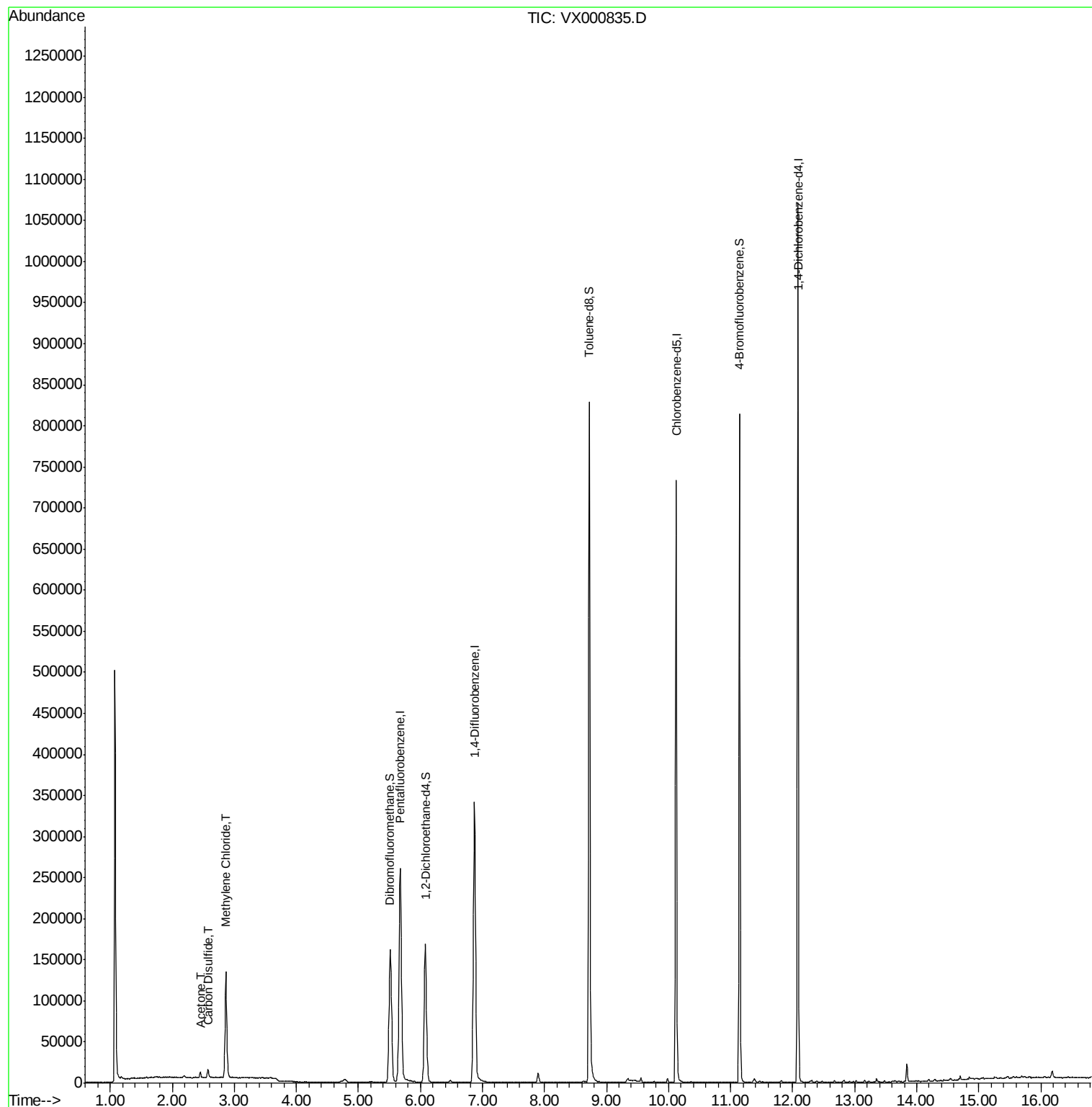
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	162537	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
35) Dibromofluoromethane	5.51	113	134005	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
50) Toluene-d8	8.72	98	519135	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.15	95	205137	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
16) Acetone	2.45	43	6363	5.18	ug/l	100
17) Carbon Disulfide	2.57	76	11414	1.45	ug/l	100
20) Methylene Chloride	2.87	84	62607	21.93	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: VX000835.D

Acq: 13 Apr 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

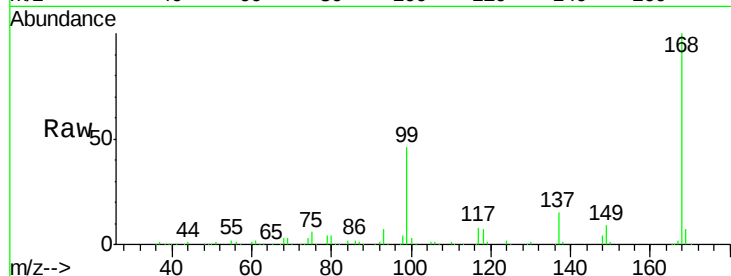
RBR200036

Tot Ion:168 Resp: 282288

Ion Ratio Lower Upper

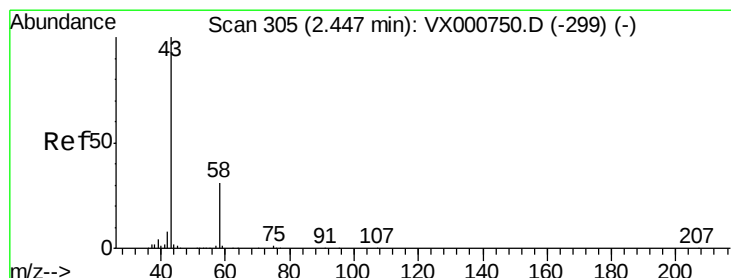
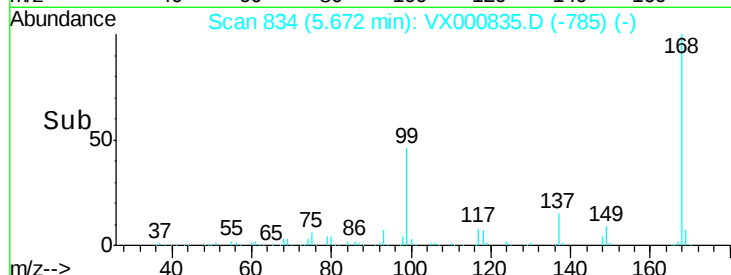
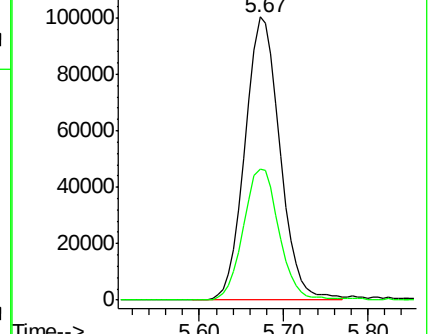
168 100

99 46.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.18 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000835.D

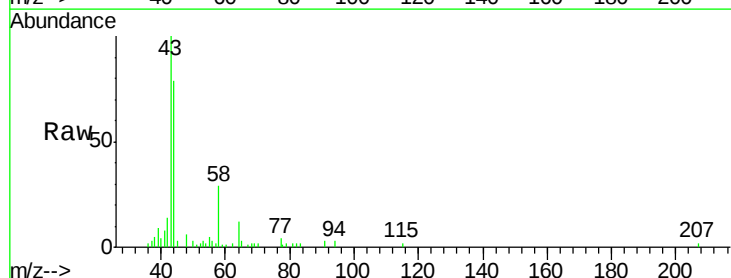
Acq: 13 Apr 2018 06:10

Tgt Ion: 43 Resp: 6363

Ion Ratio Lower Upper

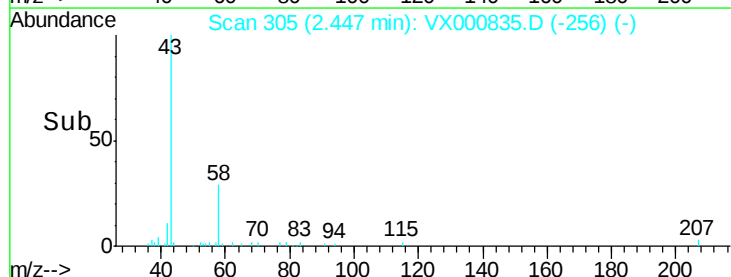
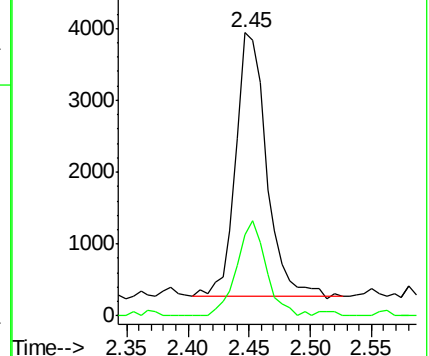
43 100

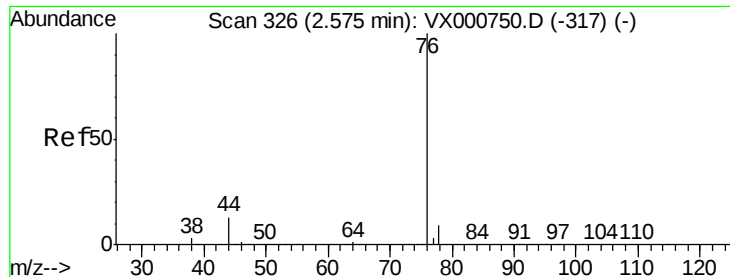
58 31.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.45 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000835.D

Acq: 13 Apr 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

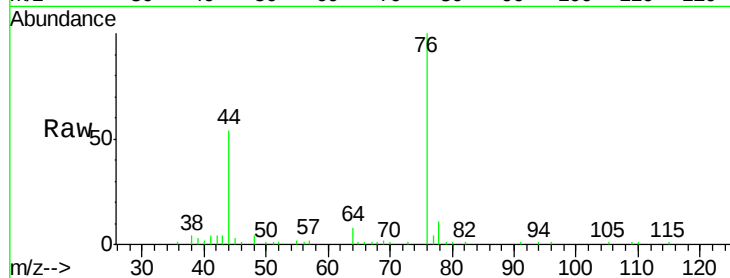
RBR200036

Tot Ion: 76 Resp: 11414

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

8000

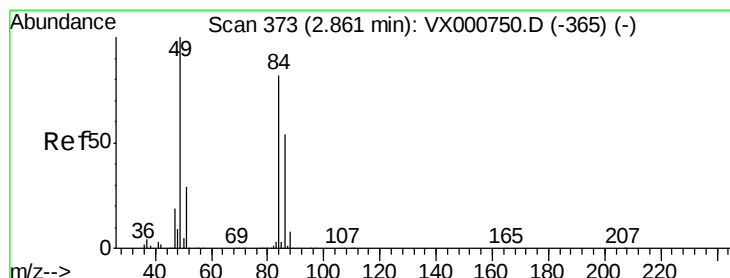
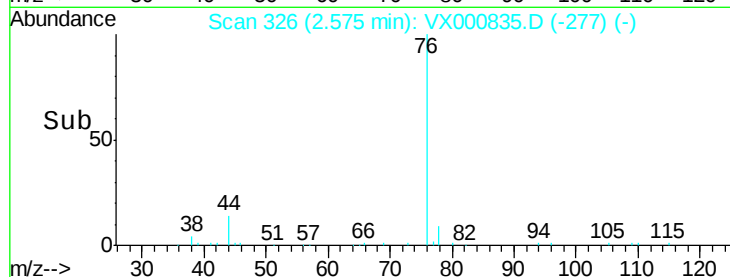
6000

4000

2000

0

Time-->



#20

Methylene Chloride

Concen: 21.93 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000835.D

Acq: 13 Apr 2018 06:10

Tgt Ion: 84 Resp: 62607

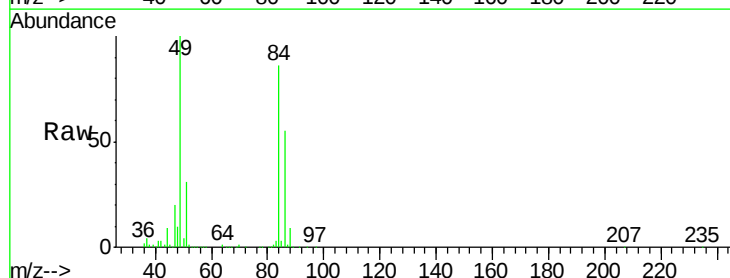
Ion Ratio Lower Upper

84 100

49 116.9 98.1 147.1

51 35.6 28.9 43.3

86 64.4 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

50000

40000

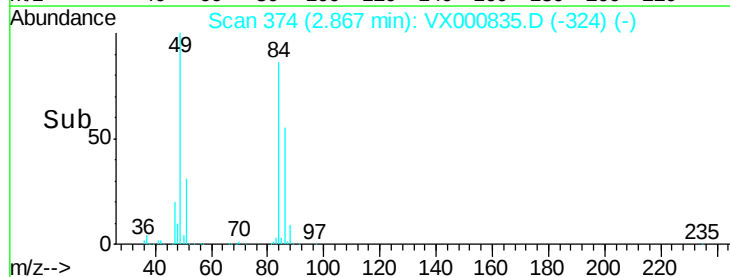
30000

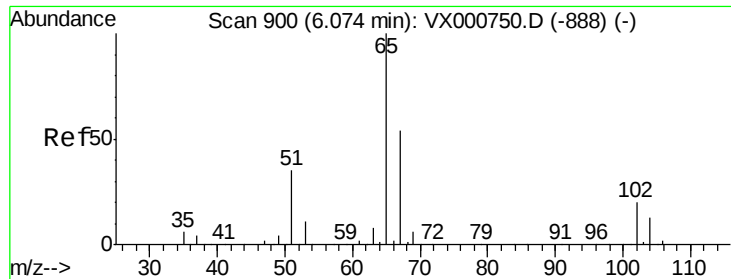
20000

10000

0

Time-->

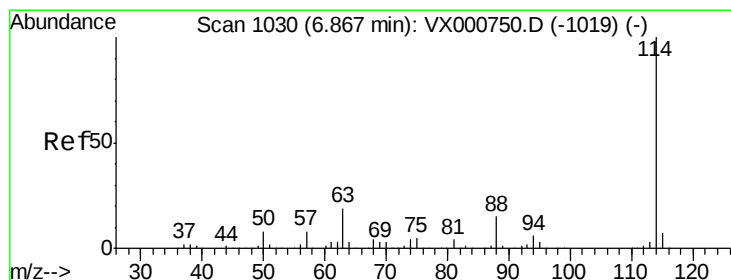
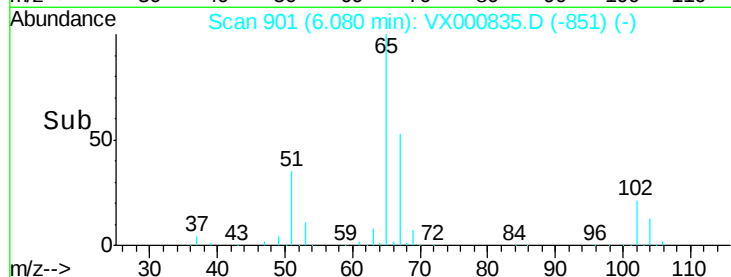
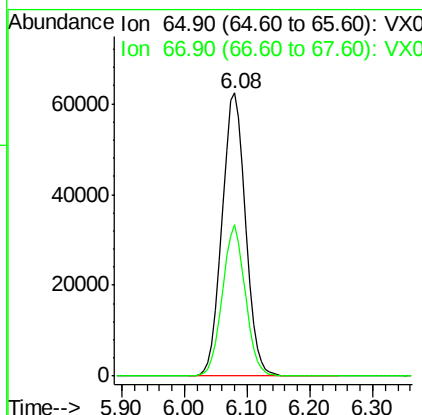
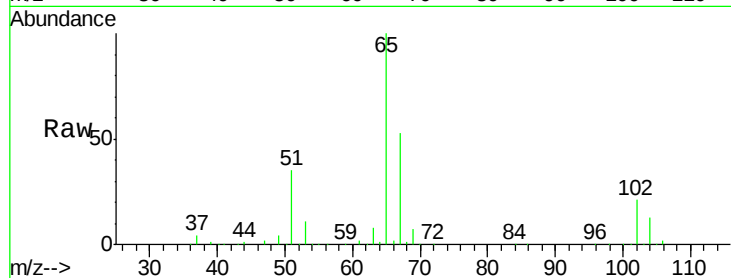




#33
 1,2-Dichloroethane-d4
 Concen: 45.66 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000835.D
 Acq: 13 Apr 2018 06:10

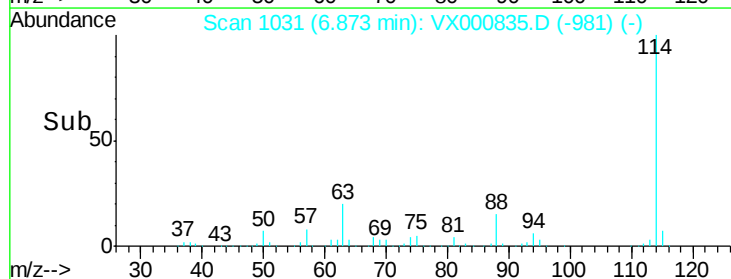
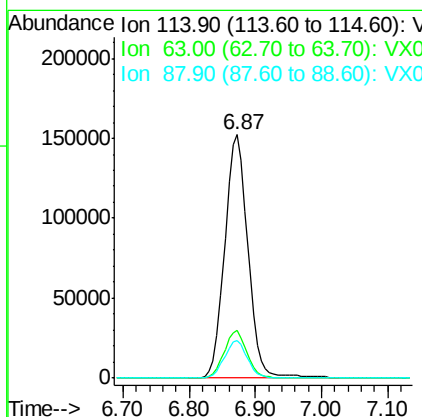
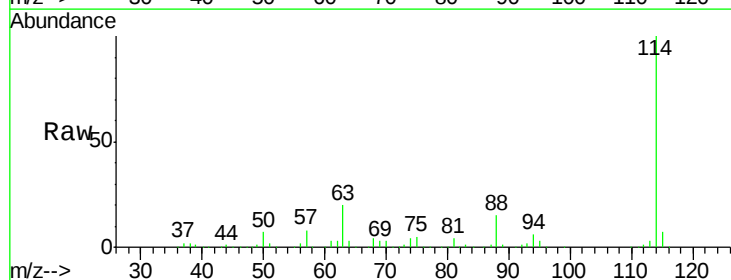
Instrument :
 MSVOA_X
 ClientSampleId :
 RBR200036

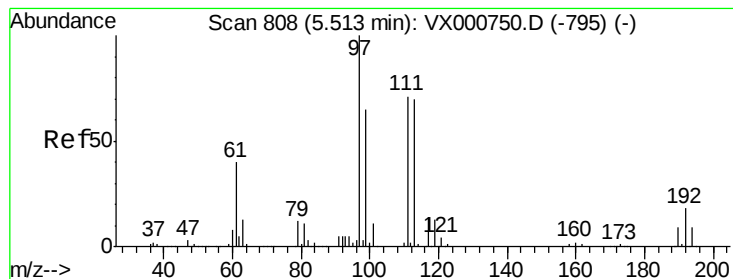
Tot Ion: 65 Resp: 162537
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000835.D
 Acq: 13 Apr 2018 06:10

Tgt Ion: 114 Resp: 371341
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.84 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000835.D

Acq: 13 Apr 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

RBR200036

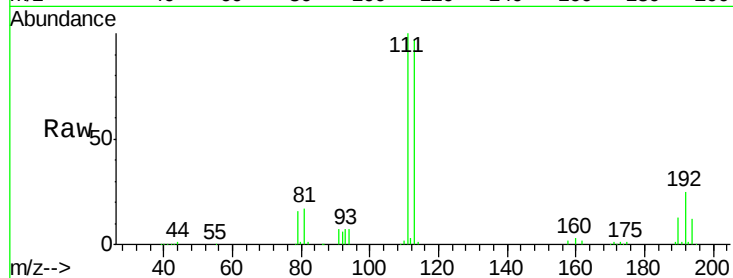
Tot Ion:113 Resp: 134005

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

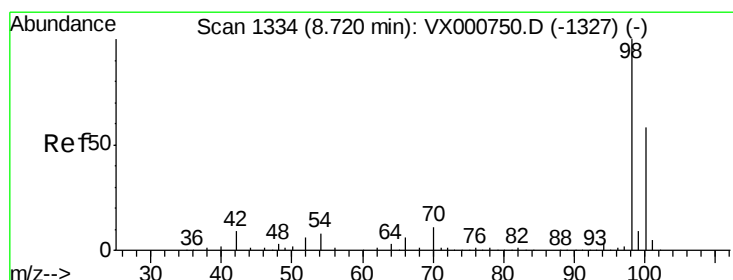
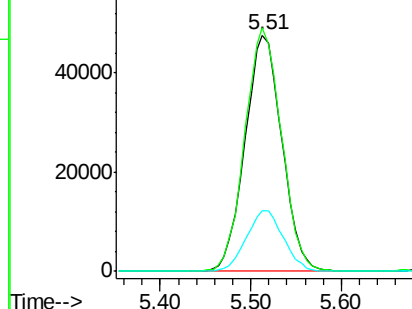
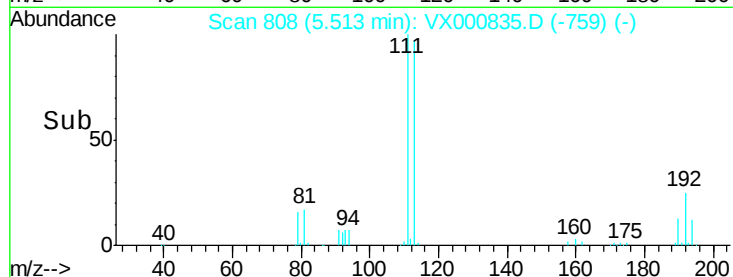
192 26.1 20.4 30.6



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: 48.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000835.D

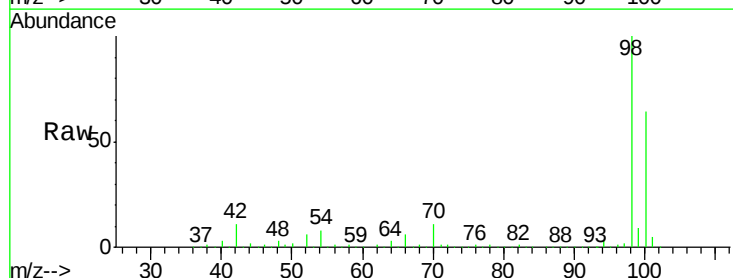
Acq: 13 Apr 2018 06:10

Tgt Ion: 98 Resp: 519135

Ion Ratio Lower Upper

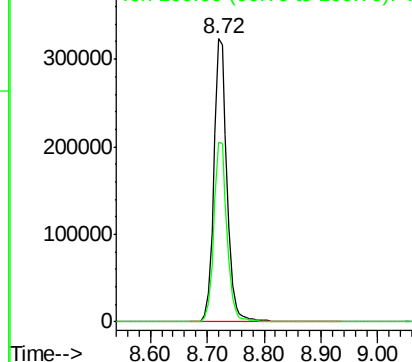
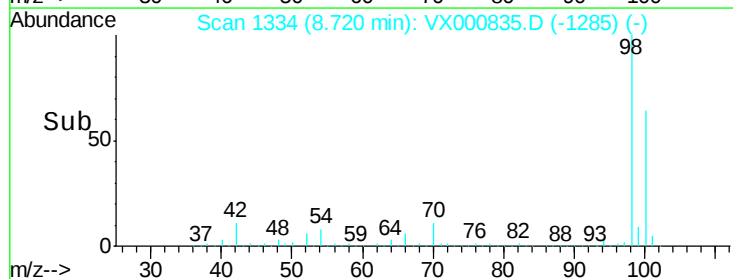
98 100

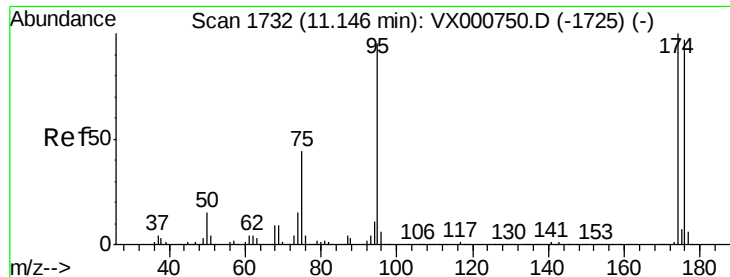
100 64.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.55 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000835.D

Acq: 13 Apr 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

RBR200036

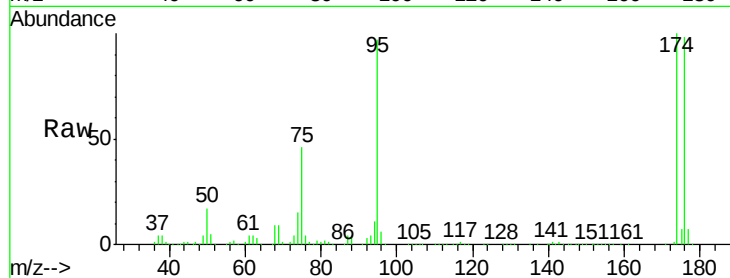
Tot Ion: 95 Resp: 205137

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

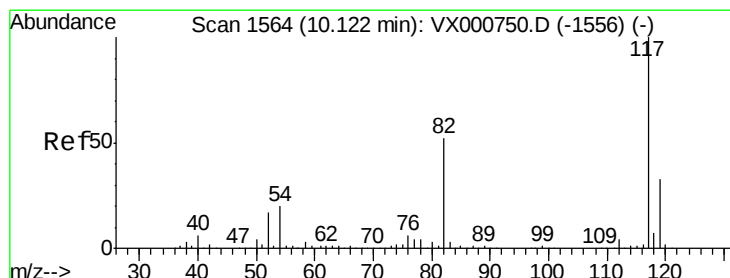
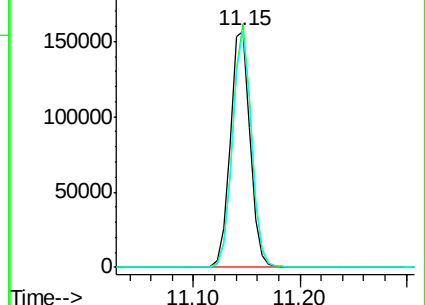
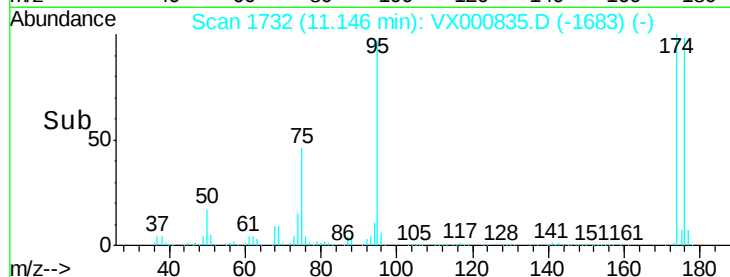
176 96.7 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000835.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000835.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000835.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000835.D

Acq: 13 Apr 2018 06:10

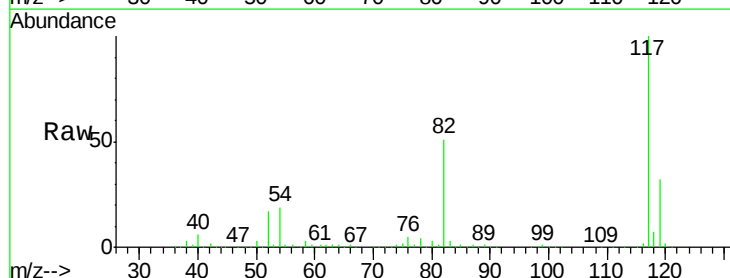
Tgt Ion: 117 Resp: 348097

Ion Ratio Lower Upper

117 100

82 51.0 41.9 62.9

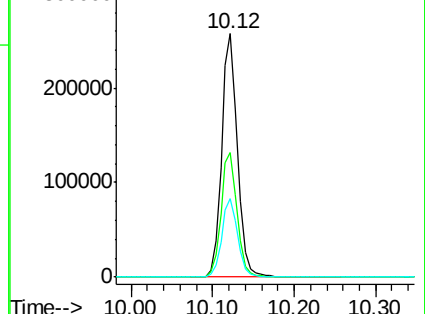
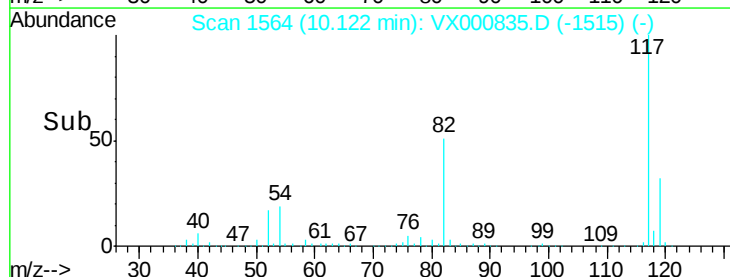
119 32.3 26.0 39.0

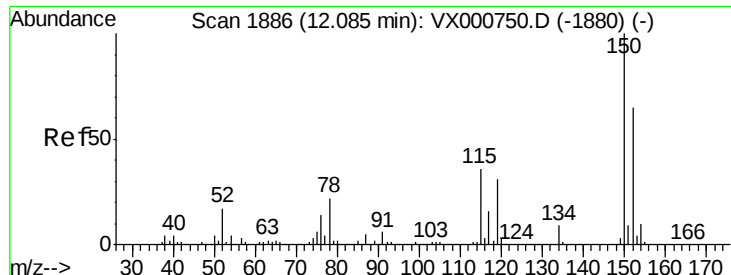


Abundance Ion 116.90 (116.60 to 117.60): VX000835.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000835.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000835.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000835.D

Acq: 13 Apr 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

RBR200036

Tot Ion:152 Resp: 231398

Ion Ratio Lower Upper

152 100

115 53.3 37.9 113.7

150 156.0 0.0 348.0

