

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008824.D
 Acq On : 10 Apr 2019 23:18
 Operator : JC/SP
 Sample : PB118707TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB118707TB

Quant Time: Apr 11 08:12:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130896	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
35) Dibromofluoromethane	5.50	113	95537	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
50) Toluene-d8	8.71	98	402757	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	138157	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

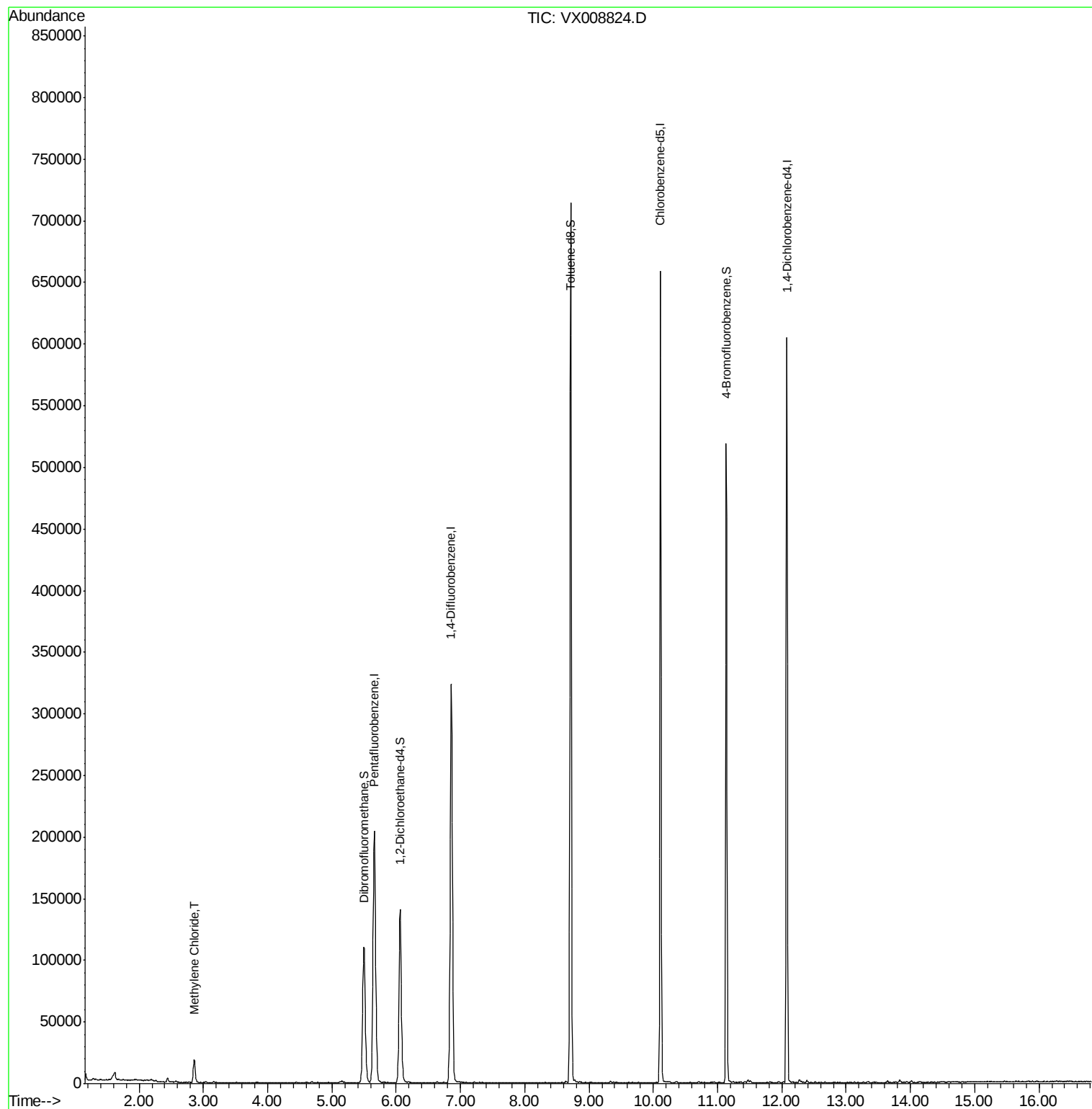
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.85	84	8920m	3.238	ug/l	

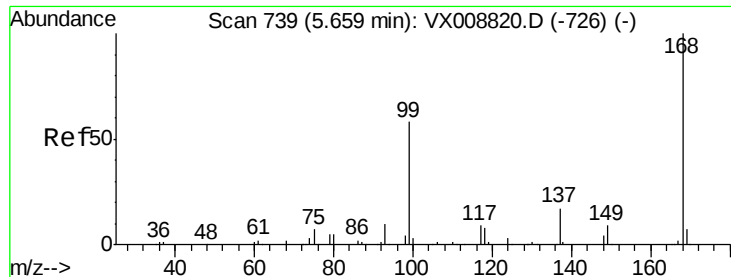
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008824.D

Acq: 10 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

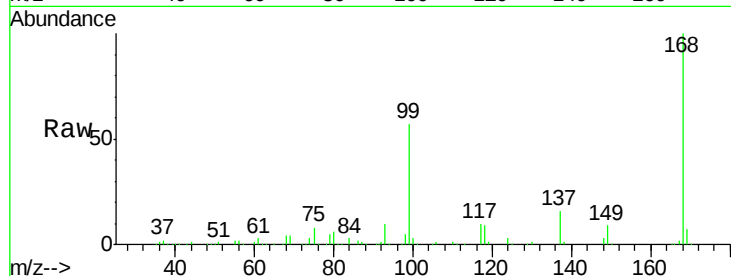
PB118707TB

Tot Ion:168 Resp: 195918

Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1

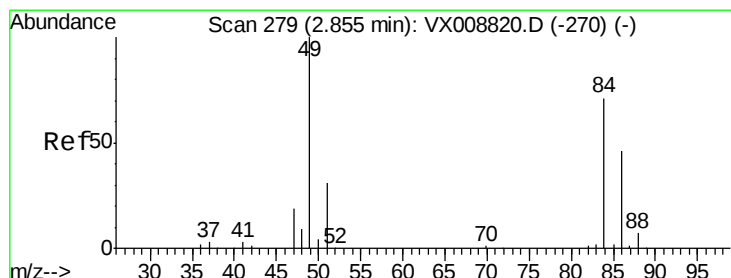
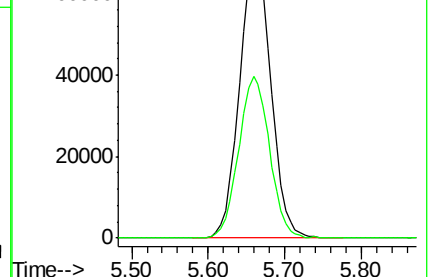
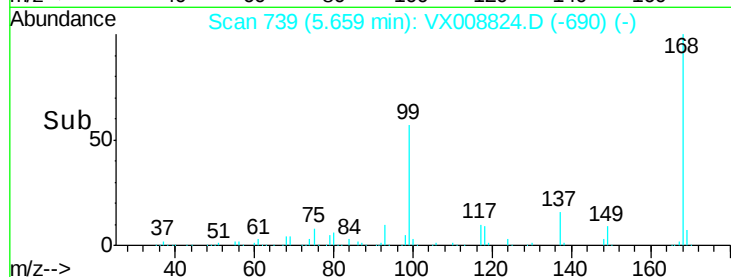


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#20

Methylene Chloride

Concen: 3.238 ug/l m

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008824.D

Acq: 10 Apr 2019 23:18

Tgt Ion: 84 Resp: 8920

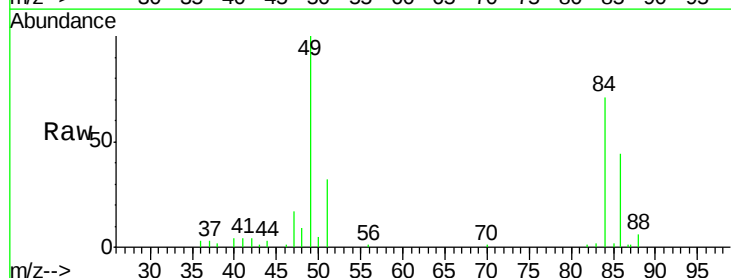
Ion Ratio Lower Upper

84 100

49 141.3 109.7 164.5

51 45.8 33.6 50.4

86 62.2 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

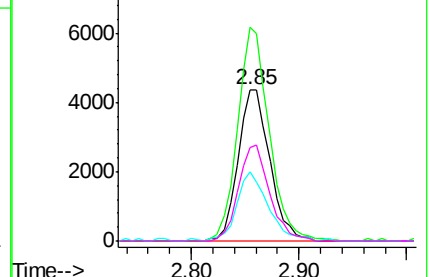
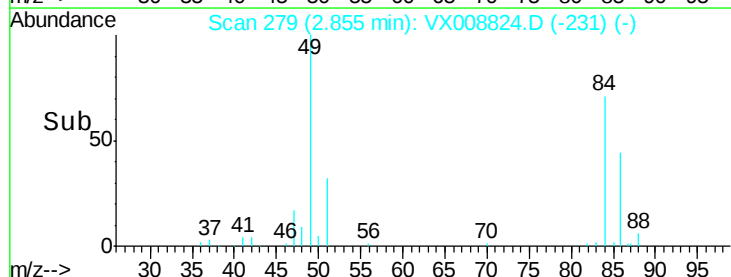
Ion 48.90 (48.60 to 49.60): VX0

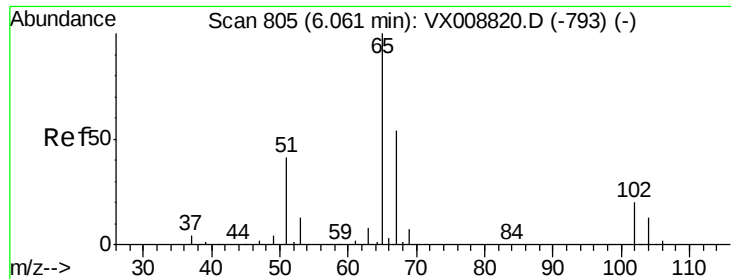
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.85

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.807 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008824.D

Acq: 10 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

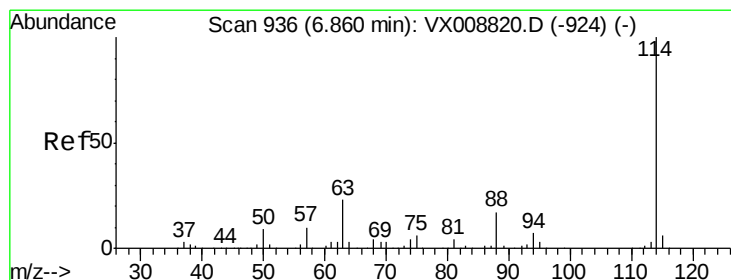
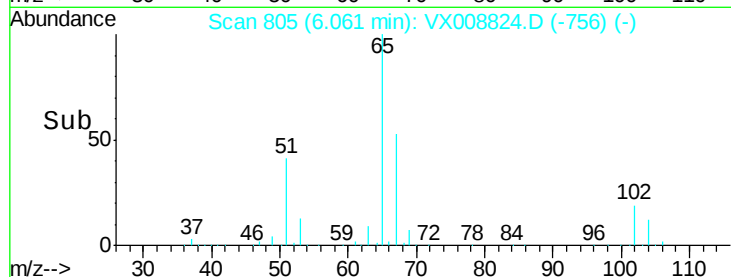
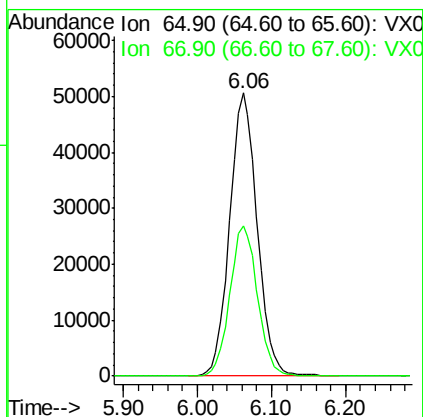
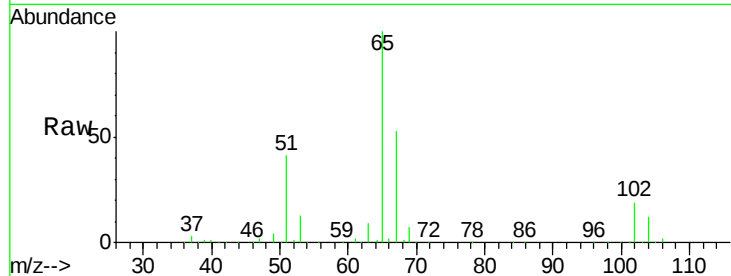
PB118707TB

Tot Ion: 65 Resp: 130896

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008824.D

Acq: 10 Apr 2019 23:18

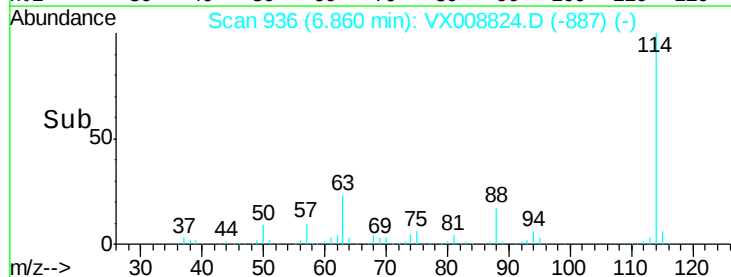
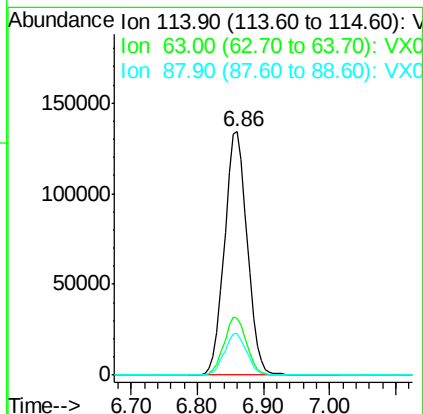
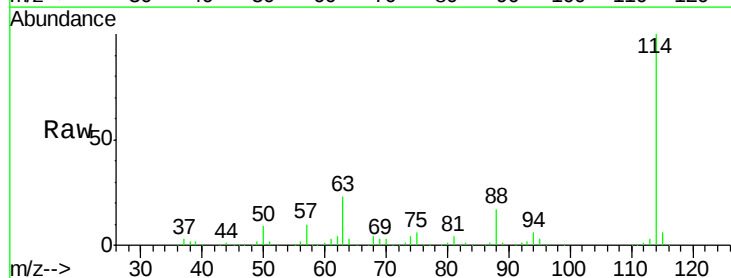
Tgt Ion: 114 Resp: 319658

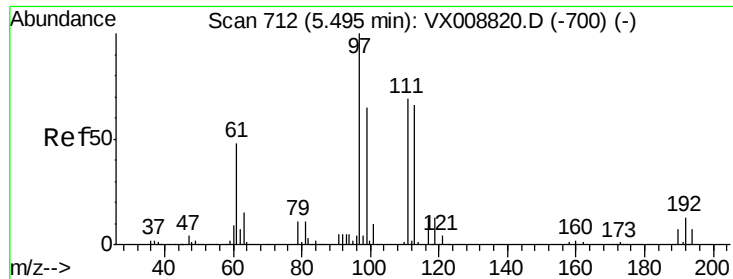
Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

88 17.1 0.0 34.0

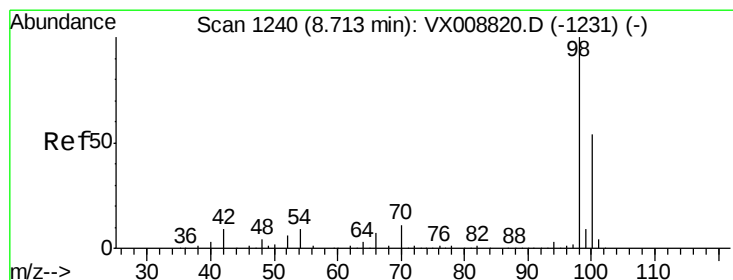
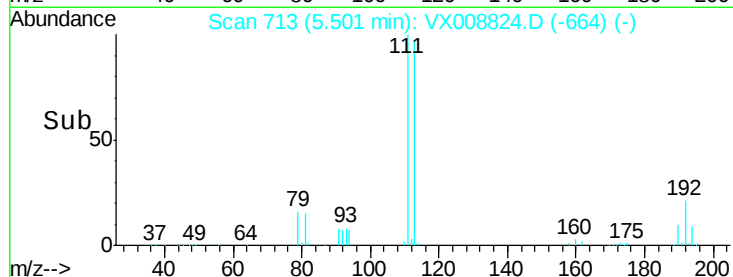
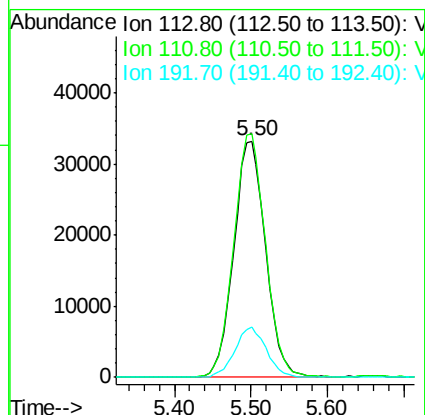
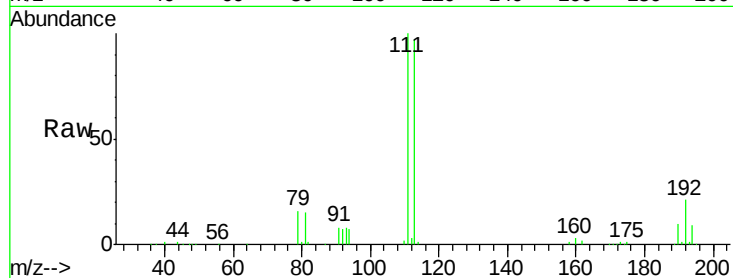




#35
 Dibromofluoromethane
 Concen: 46.745 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008824.D
 Acq: 10 Apr 2019 23:18

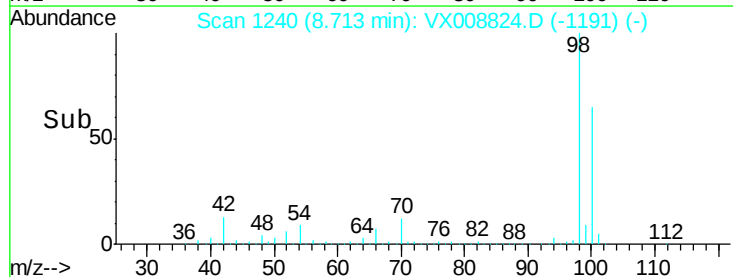
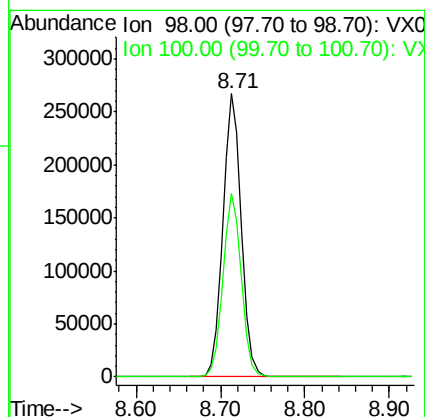
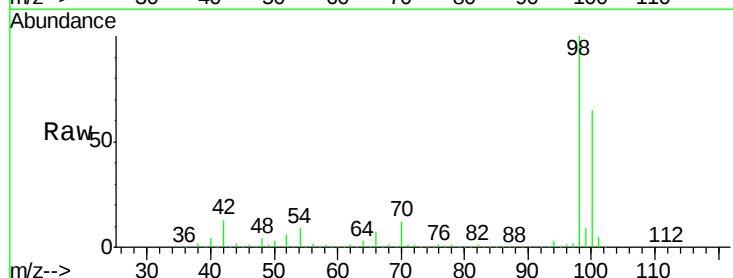
Instrument :
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 PB118707TB

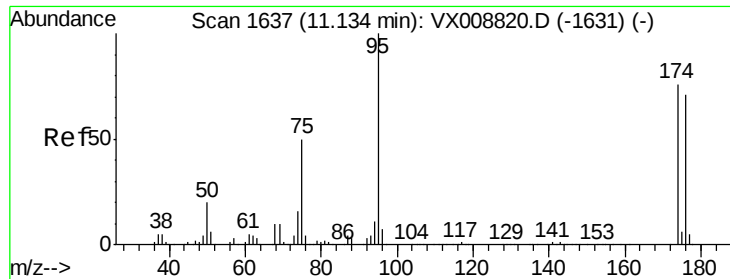
Tot Ion:113 Resp: 95537
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 21.0 16.1 24.1



#50
 Toluene-d8
 Concen: 49.492 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008824.D
 Acq: 10 Apr 2019 23:18

Tgt Ion: 98 Resp: 402757
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 47.875 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008824.D

Acq: 10 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

PB118707TB

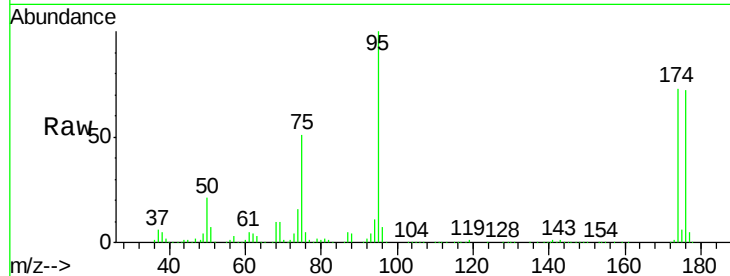
Tot Ion: 95 Resp: 138157

Ion Ratio Lower Upper

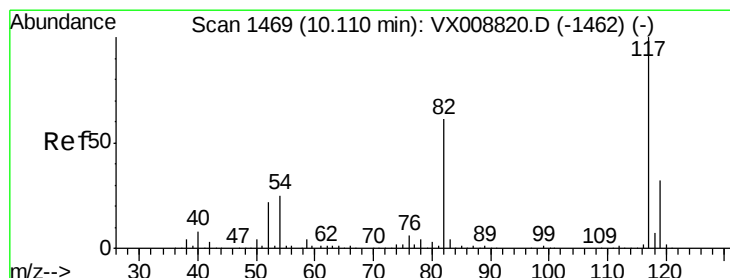
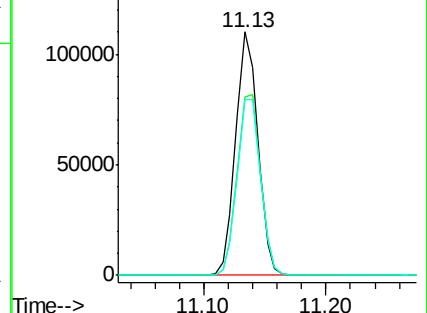
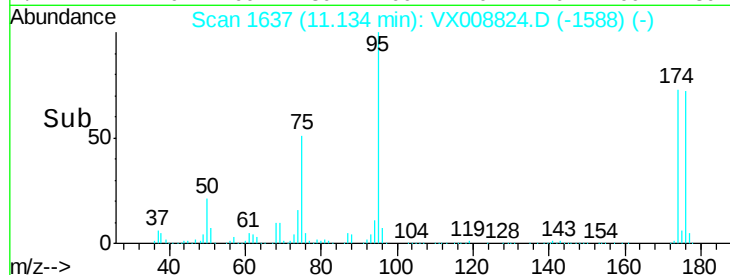
95 100

174 78.3 0.0 151.8

176 76.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008824.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008824.D

Acq: 10 Apr 2019 23:18

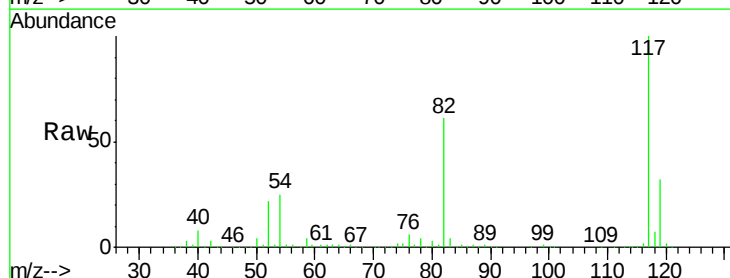
Tgt Ion: 117 Resp: 281653

Ion Ratio Lower Upper

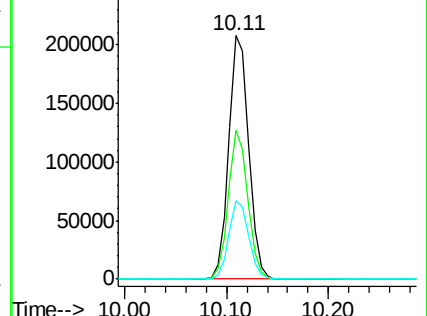
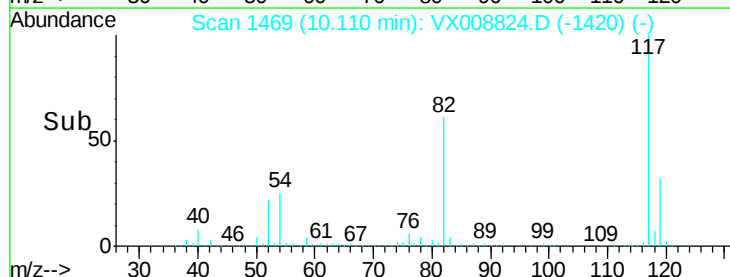
117 100

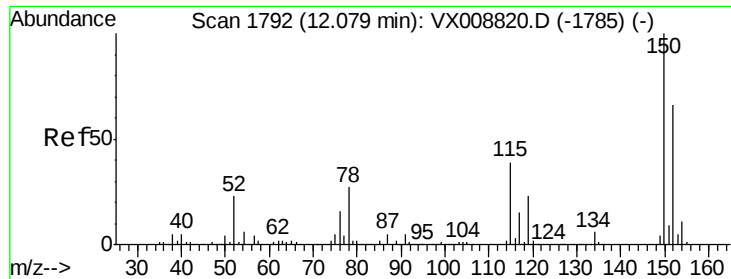
82 60.9 49.6 74.4

119 32.2 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): VX008824.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008824.D

Acq: 10 Apr 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

PB118707TB

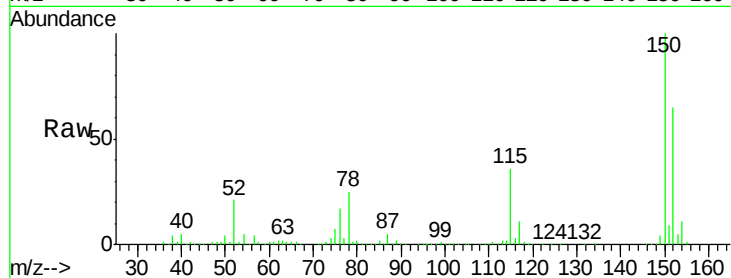
Tot Ion:152 Resp: 122857

Ion Ratio Lower Upper

152 100

115 59.6 43.5 130.5

150 157.4 0.0 348.8



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

