

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001863.D
 Acq On : 19 May 2018 08:40
 Operator : JC/MD
 Sample : PB109413ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#14

Quant Time: May 21 04:16:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

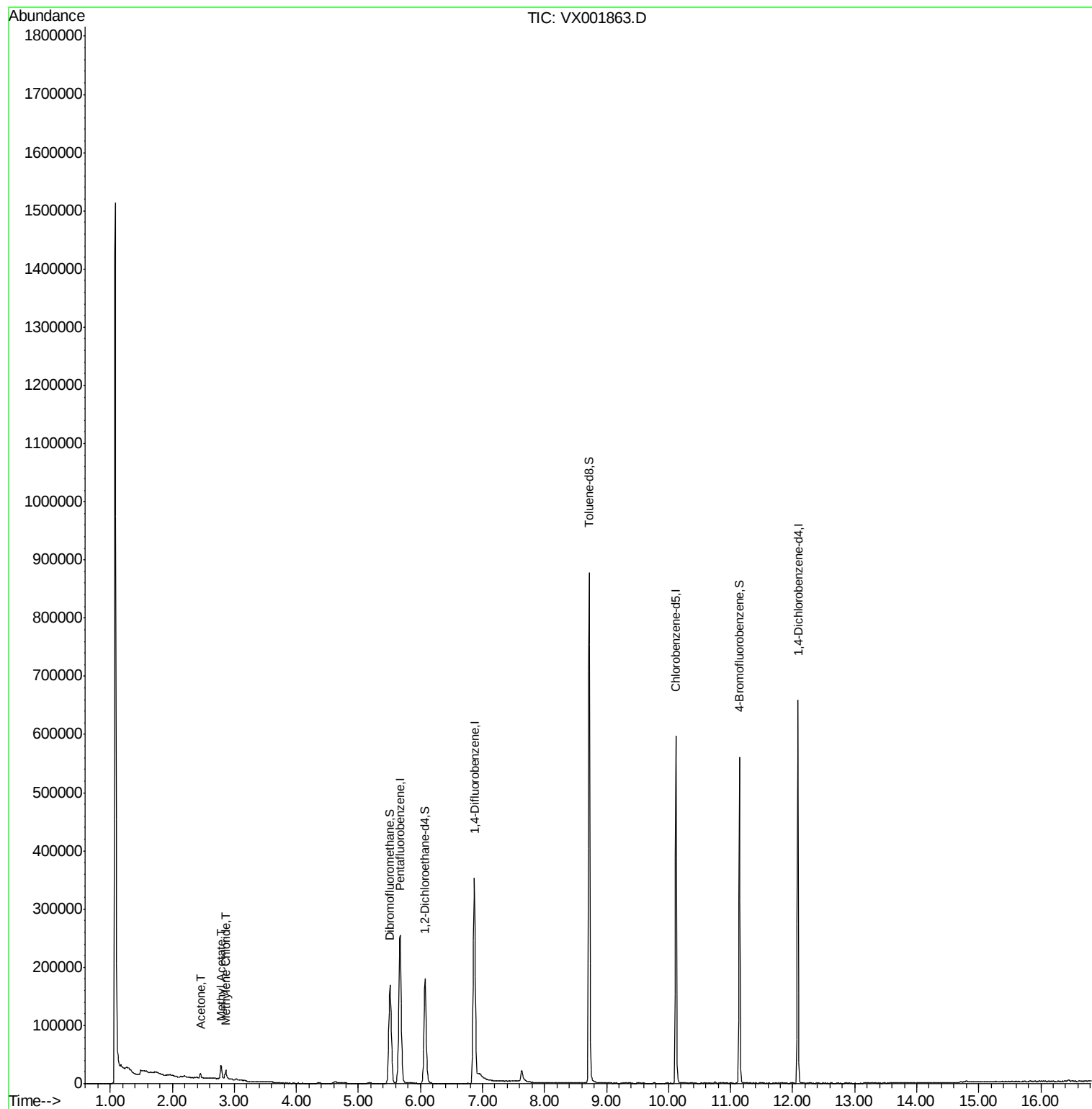
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163881	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
35) Dibromofluoromethane	5.51	113	143041	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
50) Toluene-d8	8.72	98	530242	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
62) 4-Bromofluorobenzene	11.14	95	141702	34.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.40%	
Target Compounds						
16) Acetone	2.45	43	8050	5.41	ug/l	99
18) Methyl Acetate	2.78	43	27882	6.42	ug/l	98
20) Methylene Chloride	2.86	84	6300	1.98	ug/l	94

(#) = 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: VX001863.D

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Instrument :

MSVOA_X

ClientSampleId :

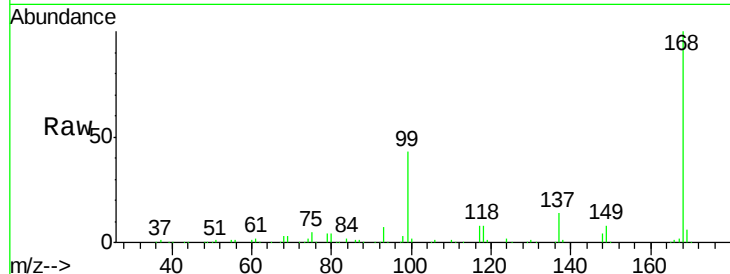
PB109413ZHE#14

Tot Ion:168 Resp: 282387

Ion Ratio Lower Upper

168 100

99 43.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

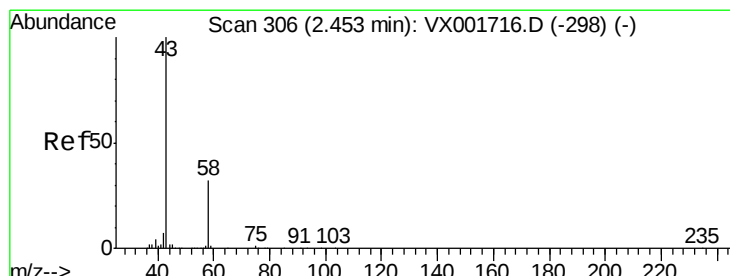
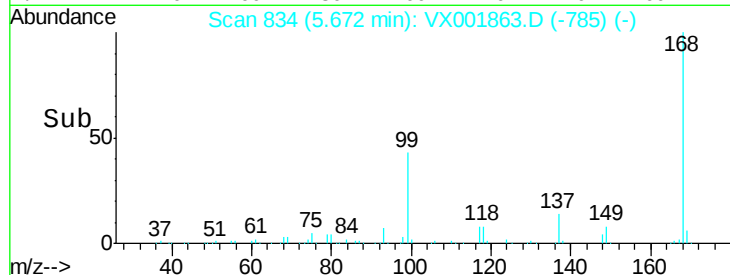
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001863.D

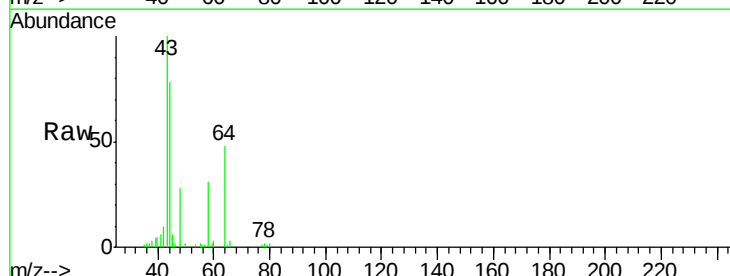
Acq: 19 May 2018 08:40

Tgt Ion: 43 Resp: 8050

Ion Ratio Lower Upper

43 100

58 31.9 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

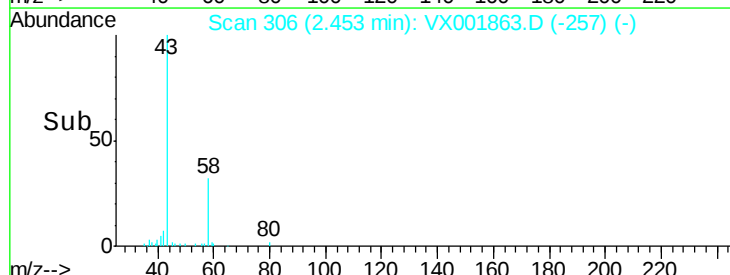
3000

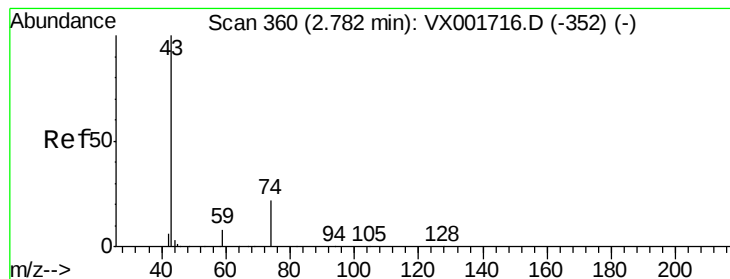
2000

1000

0

Time--> 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 6.42 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001863.D

Acq: 19 May 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

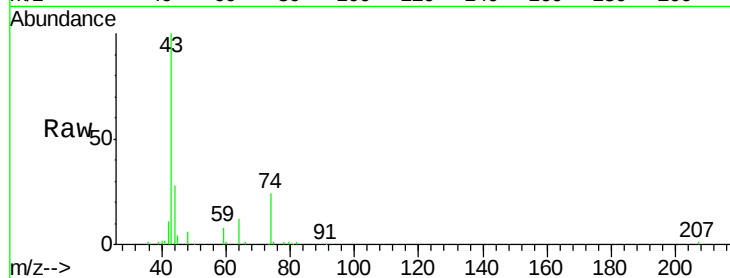
PB109413ZHE#14

Tot Ion: 43 Resp: 27882

Ion Ratio Lower Upper

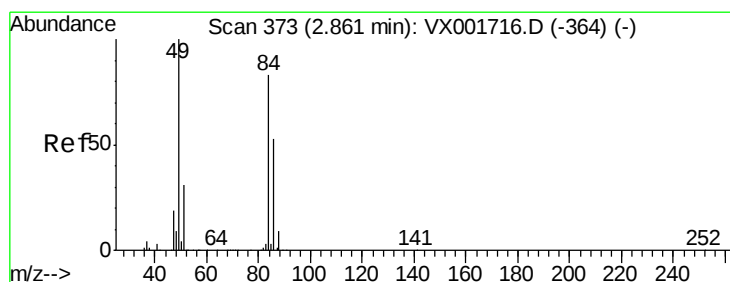
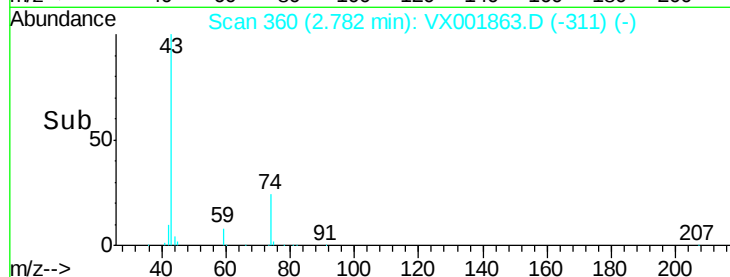
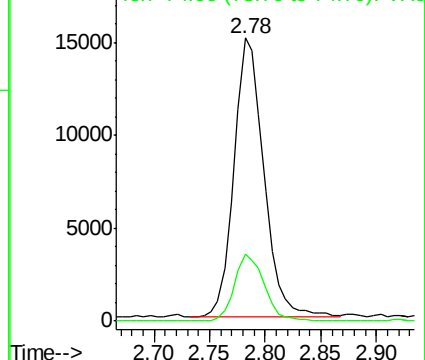
43 100

74 23.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 1.98 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001863.D

Acq: 19 May 2018 08:40

Tgt Ion: 84 Resp: 6300

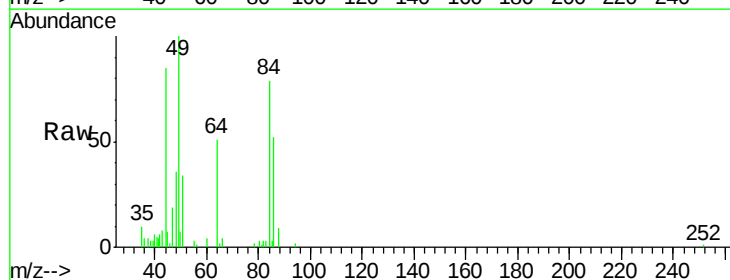
Ion Ratio Lower Upper

84 100

49 126.5 96.3 144.5

51 43.1 29.8 44.6

86 66.3 51.0 76.6

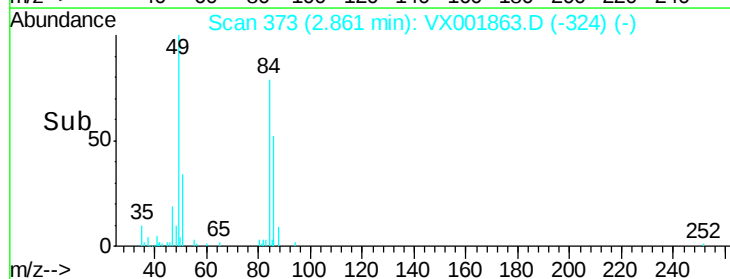
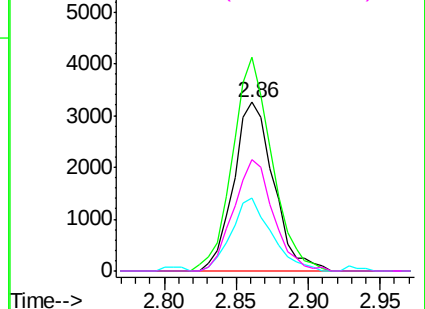


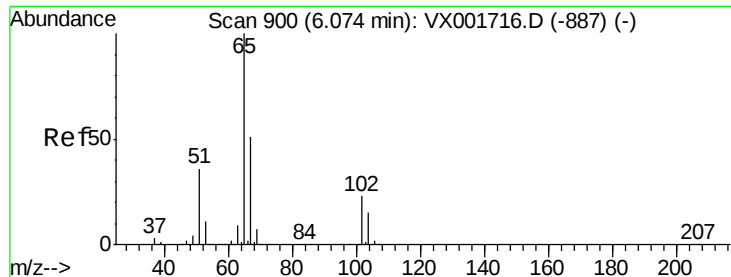
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#33

1,2-Dichloroethane-d4

Concen: 43.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001863.D

Acq: 19 May 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

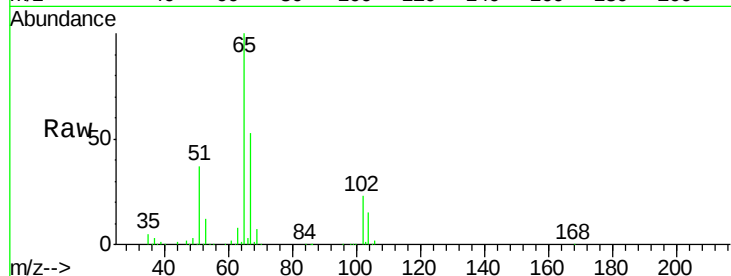
PB109413ZHE#14

Tot Ion: 65 Resp: 163881

Ion Ratio Lower Upper

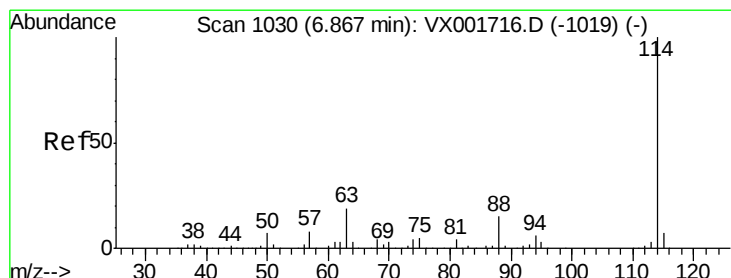
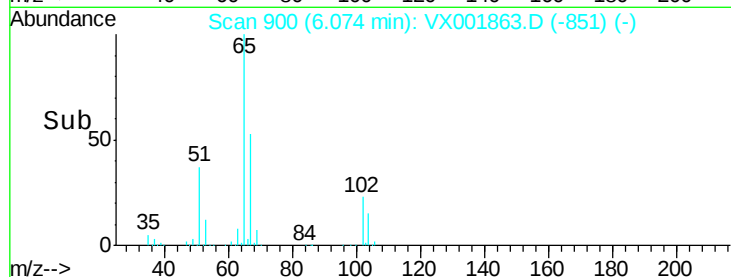
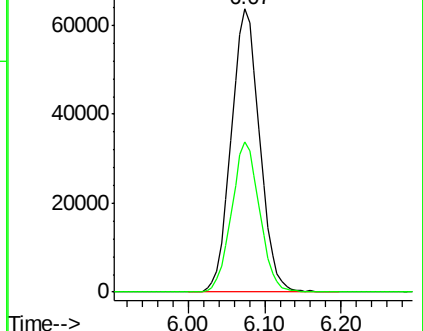
65 100

67 52.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001863.D

Acq: 19 May 2018 08:40

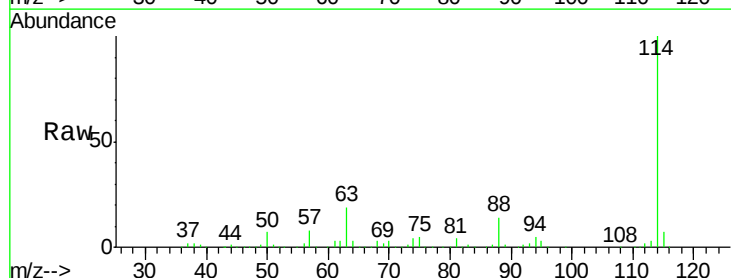
Tgt Ion: 114 Resp: 375239

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

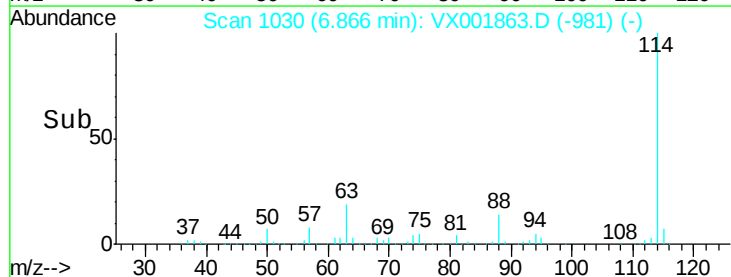
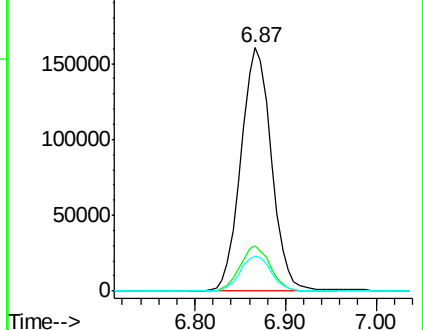
88 14.4 0.0 29.8

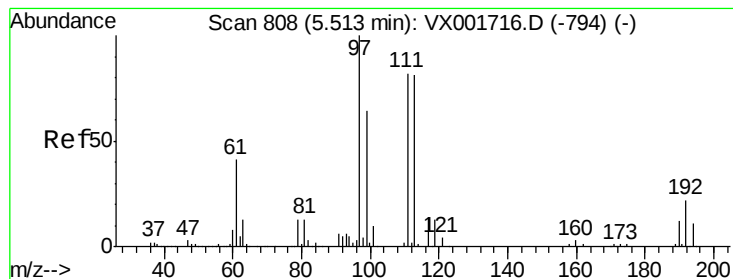


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001863.D

Acq: 19 May 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#14

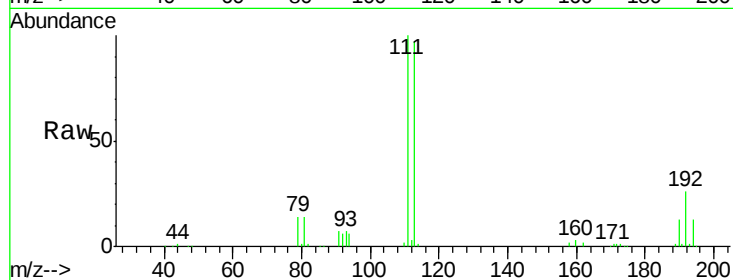
Tot Ion:113 Resp: 143041

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

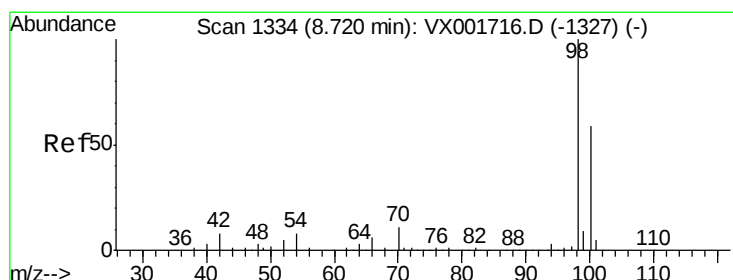
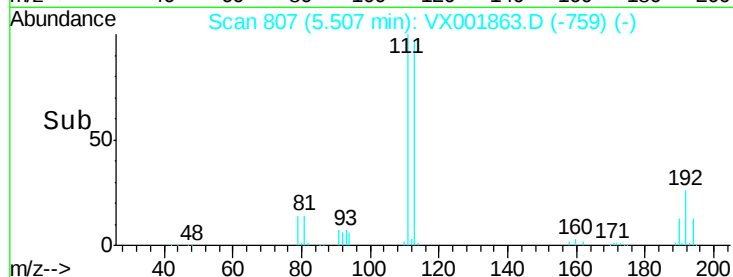
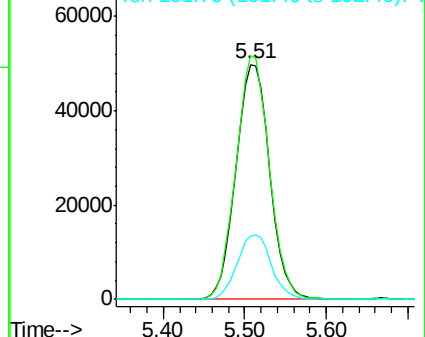
192 27.7 21.6 32.4



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: 46.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001863.D

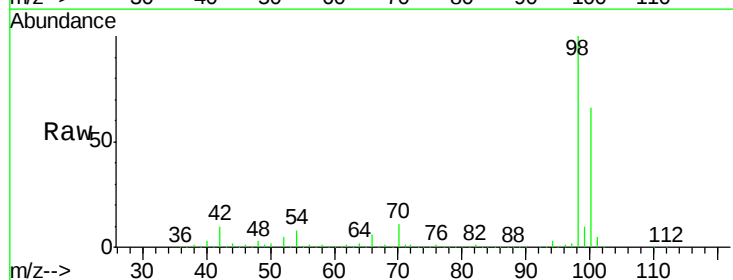
Acq: 19 May 2018 08:40

Tgt Ion: 98 Resp: 530242

Ion Ratio Lower Upper

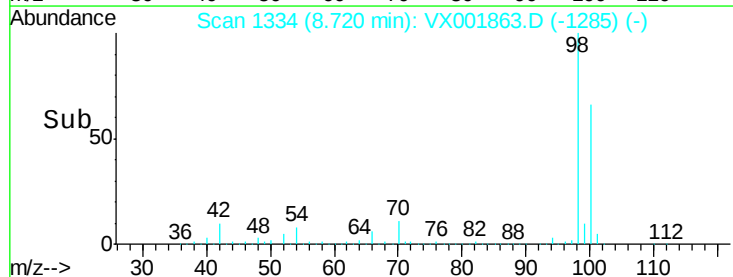
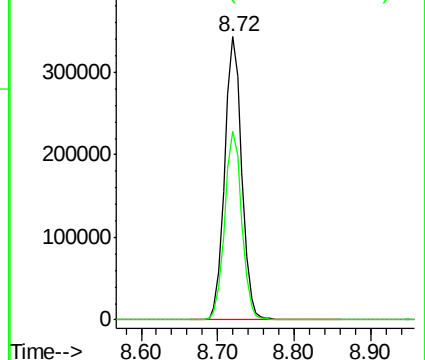
98 100

100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001863.D

Acq: 19 May 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#14

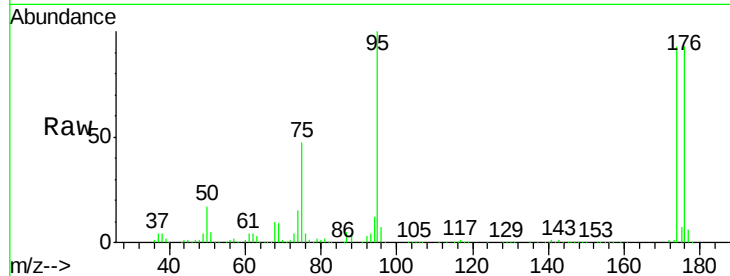
Tot Ion: 95 Resp: 141702

Ion Ratio Lower Upper

95 100

174 103.9 0.0 201.8

176 101.6 0.0 196.8

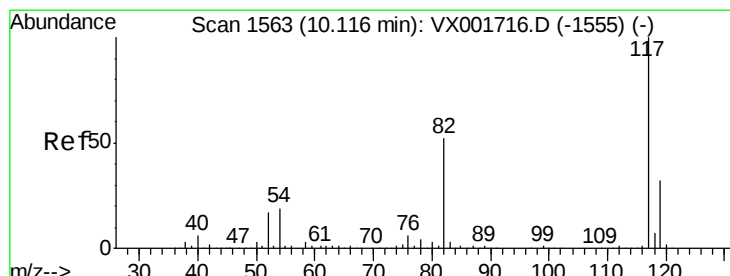
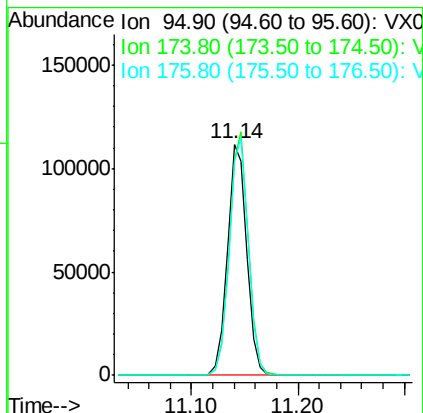
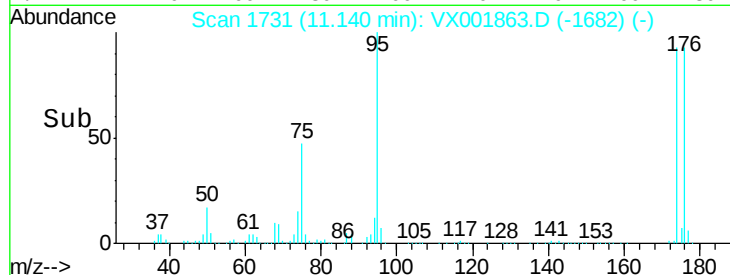


Abundance Ion 94.90 (94.60 to 95.60): VX001716.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001716.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001716.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001863.D

Acq: 19 May 2018 08:40

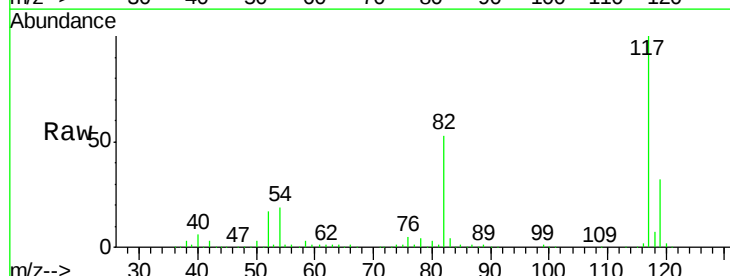
Tgt Ion: 117 Resp: 291701

Ion Ratio Lower Upper

117 100

82 52.5 41.4 62.2

119 32.4 25.6 38.4

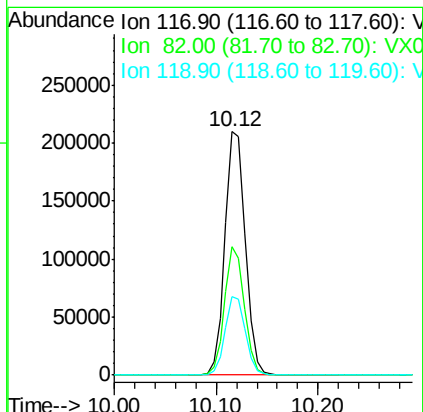
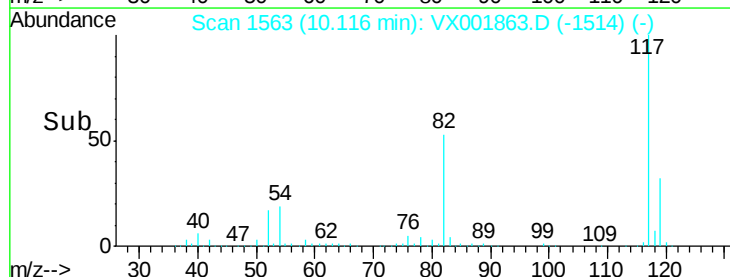


Abundance Ion 116.90 (116.60 to 117.60): VX001716.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001716.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001716.D (-1555) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001863.D

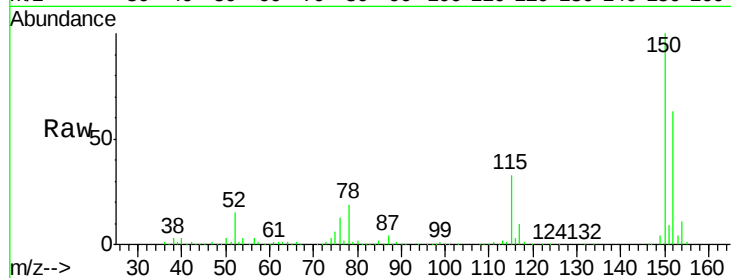
Acq: 19 May 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#14



Tot Ion:152 Resp: 146248

Ion Ratio Lower Upper

152 100

115 51.5 37.4 112.2

150 156.3 0.0 344.8

