

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001703.D
 Acq On : 13 May 2018 07:45
 Operator : JC/MD
 Sample : PB109200ZHE#19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#19

Quant Time: May 14 08:03:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

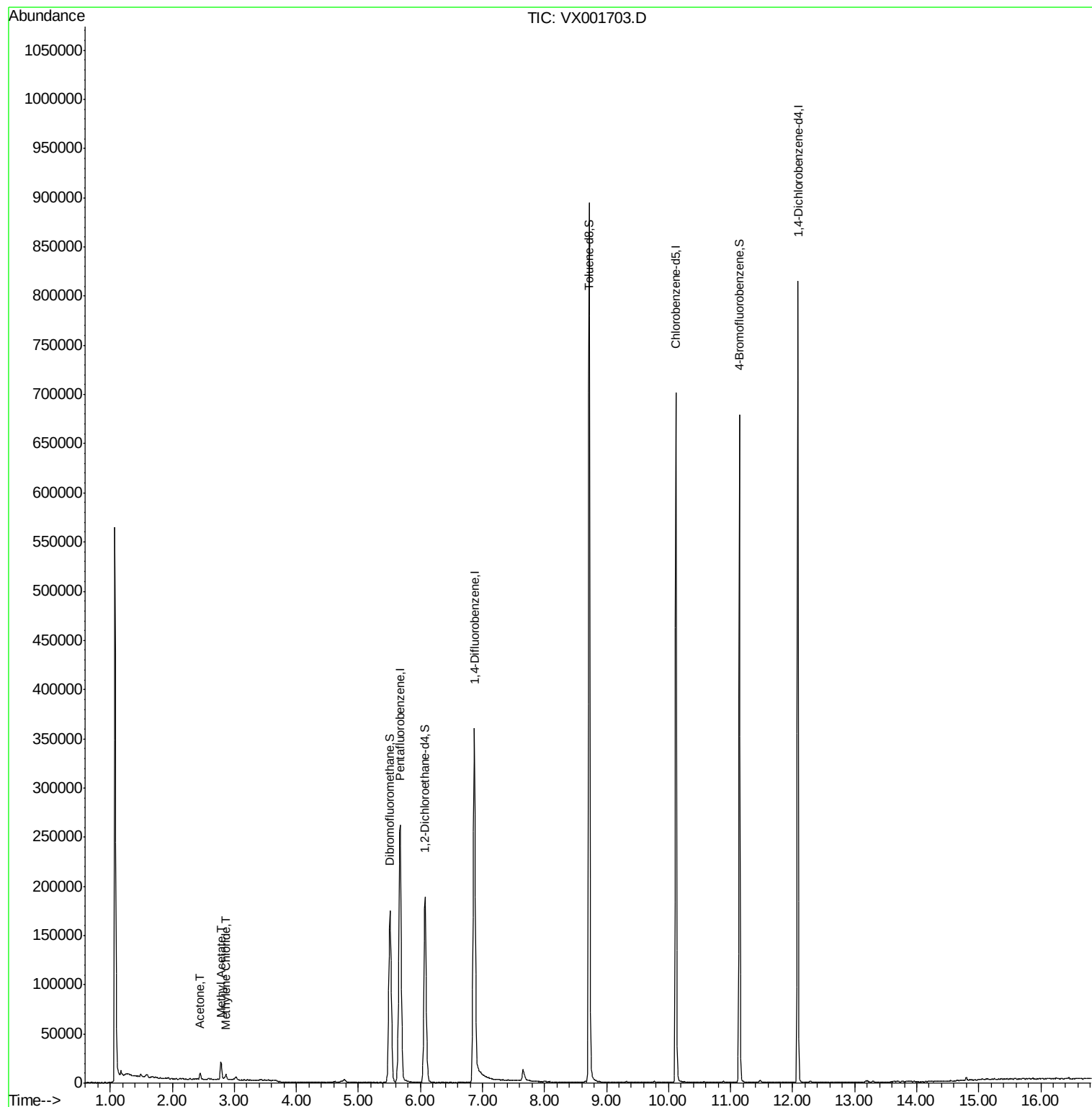
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180955	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
35) Dibromofluoromethane	5.51	113	145739	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
50) Toluene-d8	8.72	98	524117	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
62) 4-Bromofluorobenzene	11.14	95	165430	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.26%	
Target Compounds						
16) Acetone	2.45	43	7348	4.06	ug/l	94
18) Methyl Acetate	2.78	43	22706	4.77	ug/l	98
20) Methylene Chloride	2.86	84	2675	0.75	ug/l	91

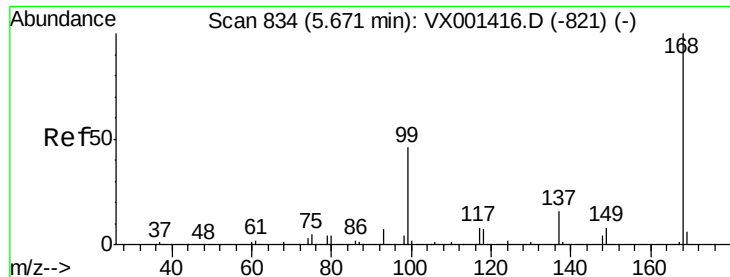
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001703.D

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Instrument :

MSVOA_X

ClientSampleId :

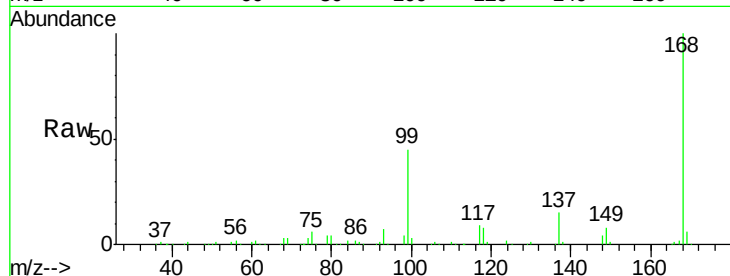
PB109200ZHE#19

Tot Ion:168 Resp: 277608

Ion Ratio Lower Upper

168 100

99 45.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

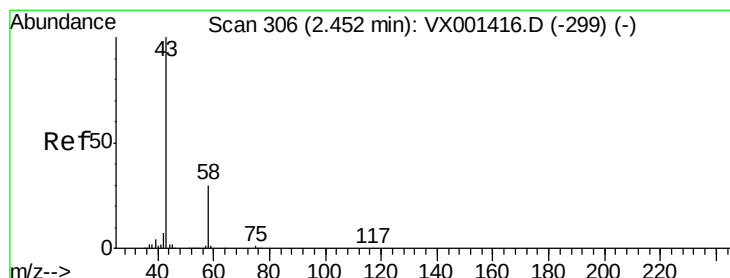
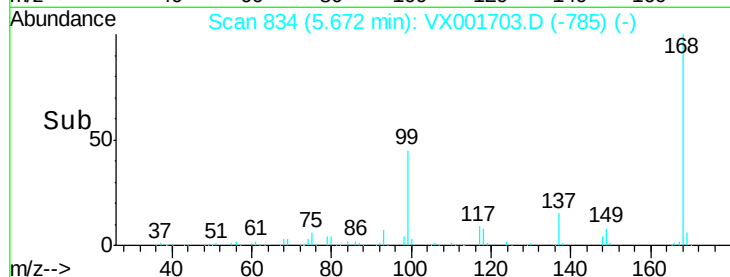
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001703.D

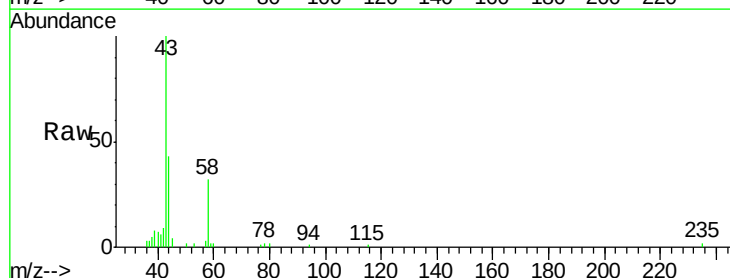
Acq: 13 May 2018 07:45

Tgt Ion: 43 Resp: 7348

Ion Ratio Lower Upper

43 100

58 33.1 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

5000

4000

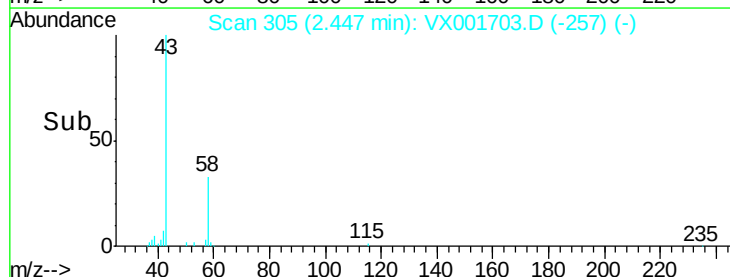
3000

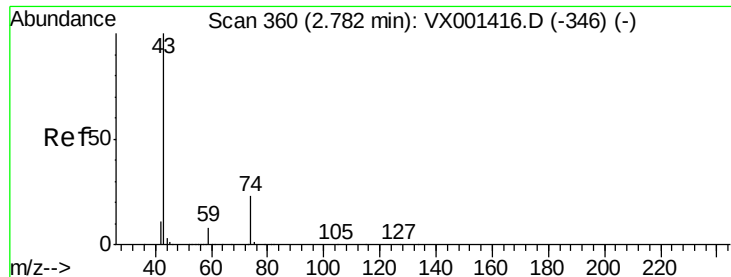
2000

1000

0

Time--> 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 4.77 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

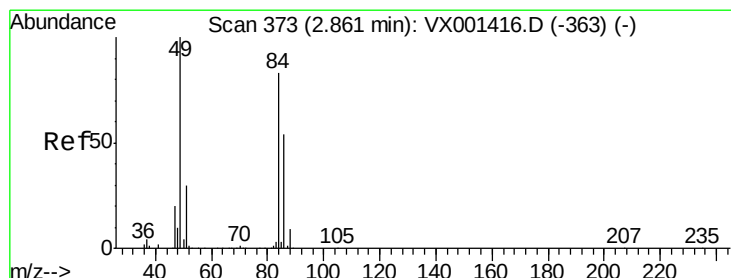
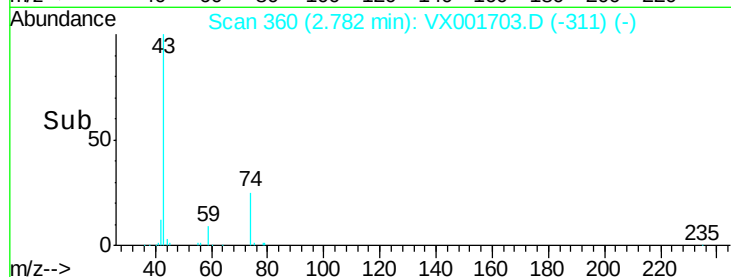
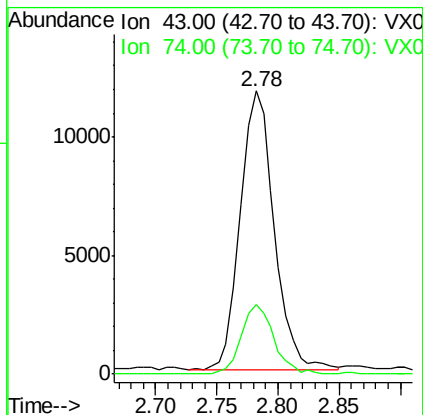
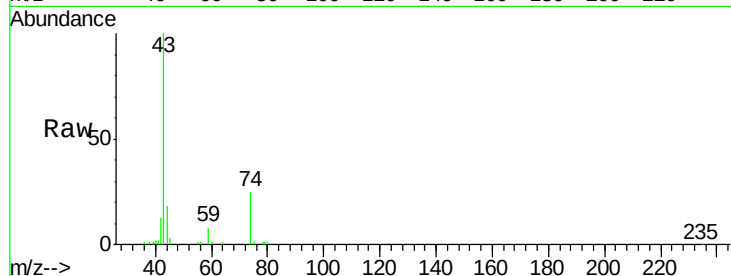
PB109200ZHE#19

Tot Ion: 43 Resp: 22706

Ion Ratio Lower Upper

43 100

74 24.0 18.6 27.8



#20

Methylene Chloride

Concen: 0.75 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Tgt Ion: 84 Resp: 2675

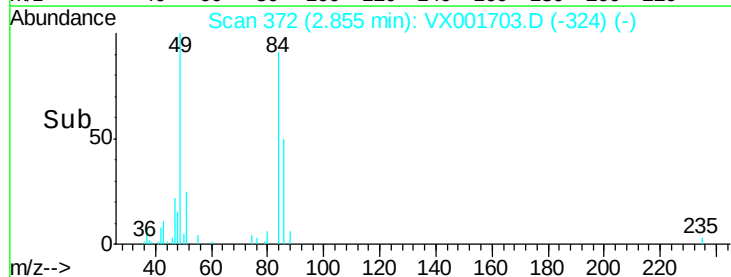
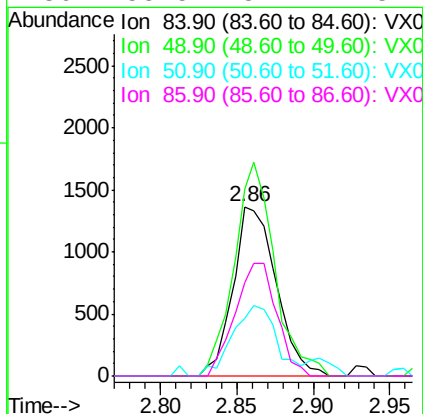
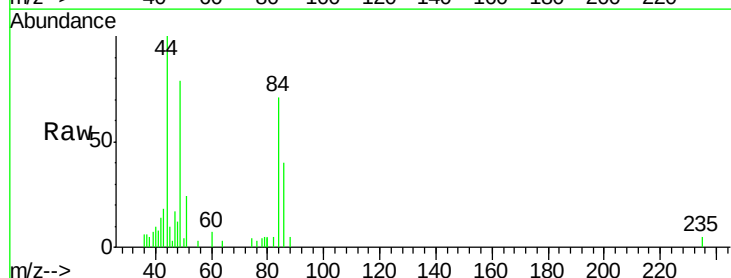
Ion Ratio Lower Upper

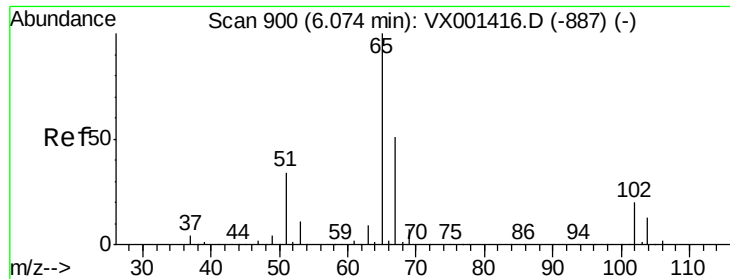
84 100

49 110.5 96.6 144.8

51 33.7 29.0 43.4

86 55.5 52.2 78.4

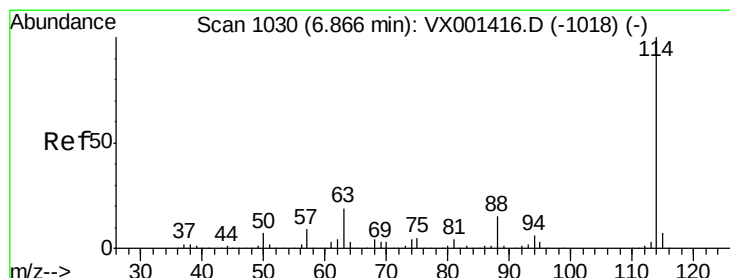
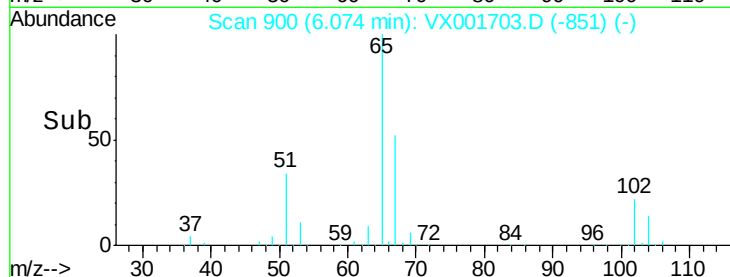
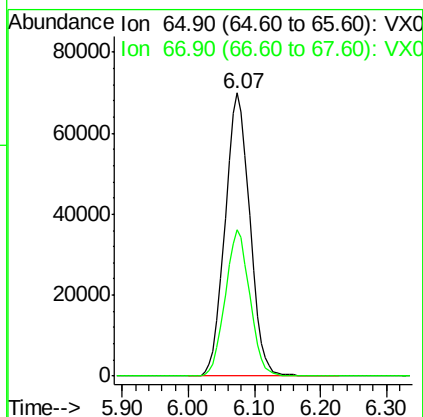
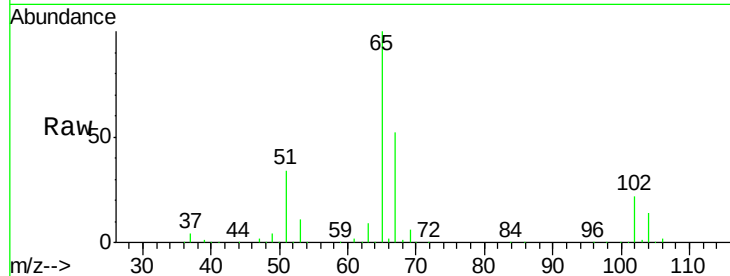




#33
 1,2-Dichloroethane-d4
 Concen: 45.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

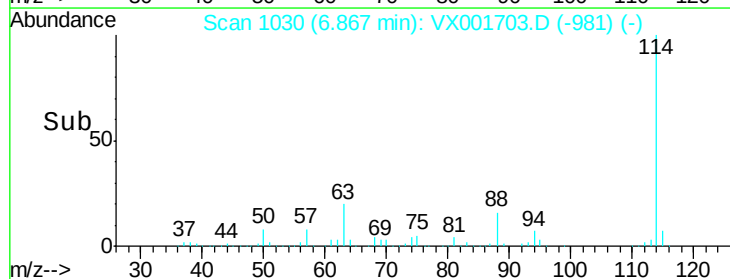
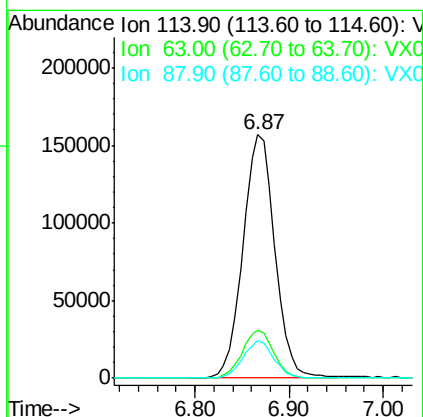
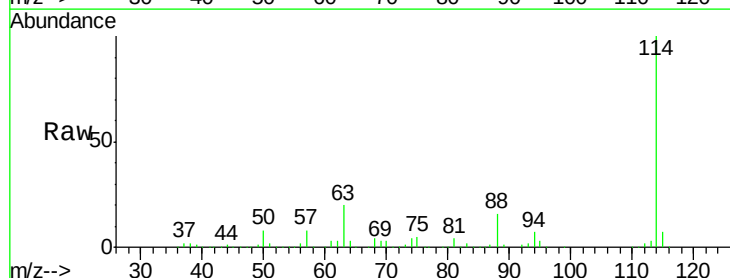
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#19

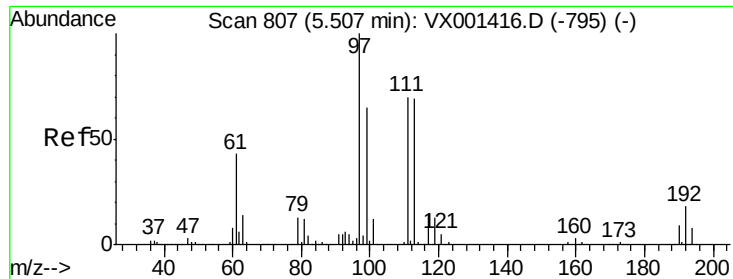
Tot Ion: 65 Resp: 180955
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

Tgt Ion: 114 Resp: 372549
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.7 0.0 30.8

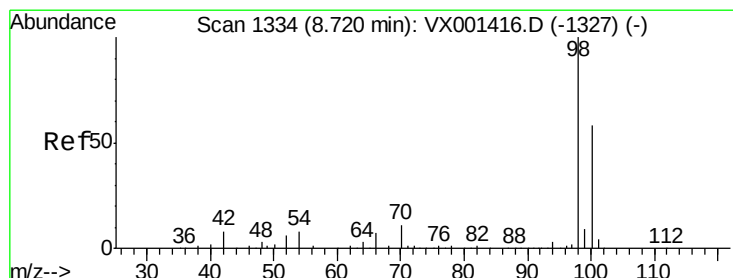
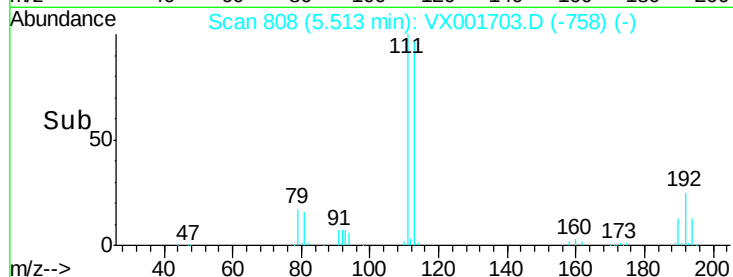
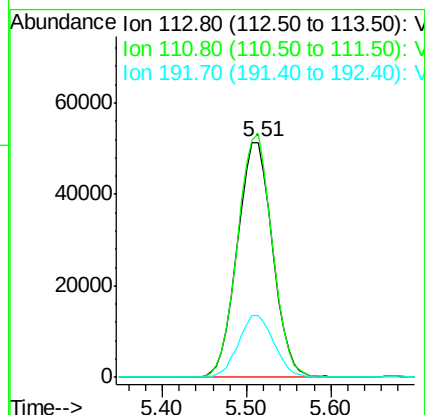
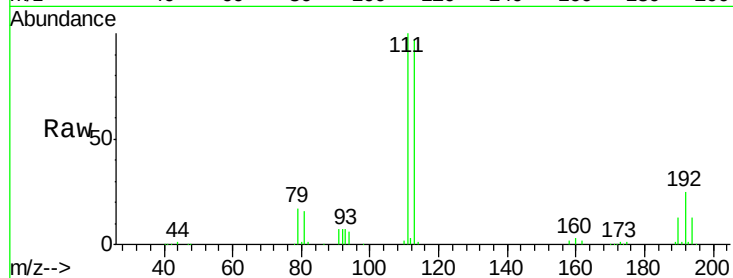




#35
 Dibromofluoromethane
 Concen: 43.98 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

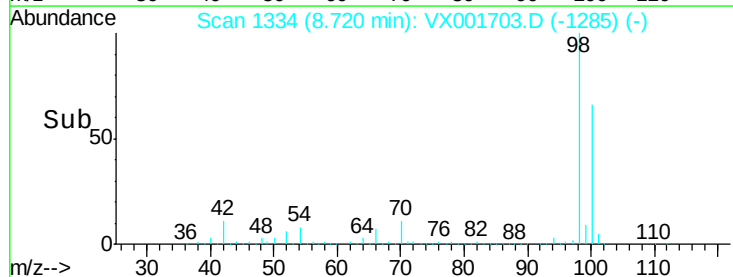
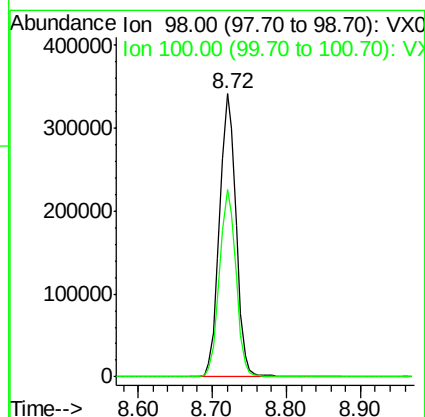
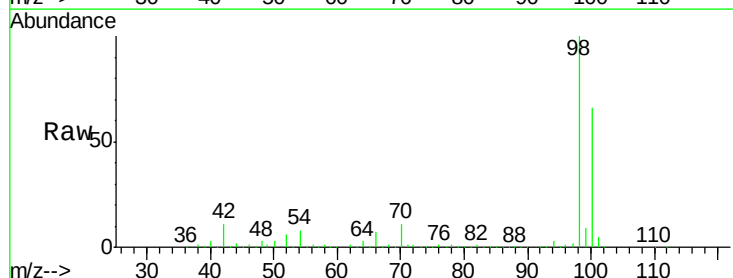
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#19

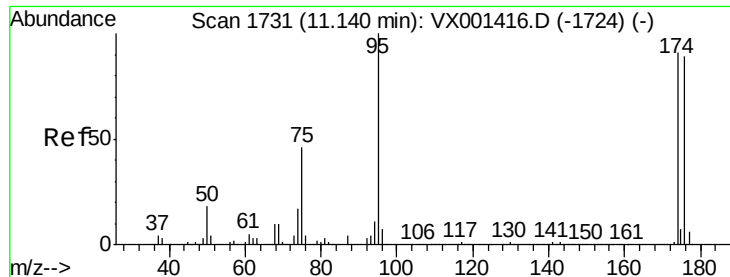
Tot Ion:113 Resp: 145739
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 26.4 21.4 32.0



#50
 Toluene-d8
 Concen: 43.33 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001703.D
 Acq: 13 May 2018 07:45

Tgt Ion: 98 Resp: 524117
 Ion Ratio Lower Upper
 98 100
 100 65.9 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 35.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#19

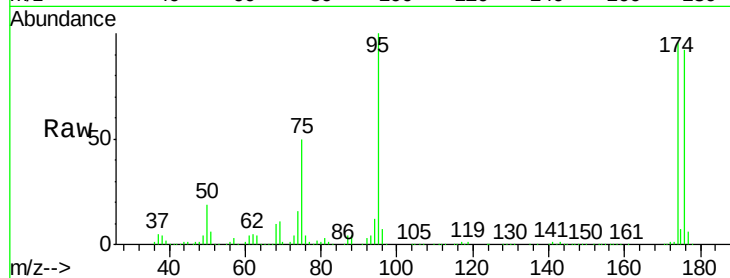
Tot Ion: 95 Resp: 165430

Ion Ratio Lower Upper

95 100

174 102.0 0.0 202.0

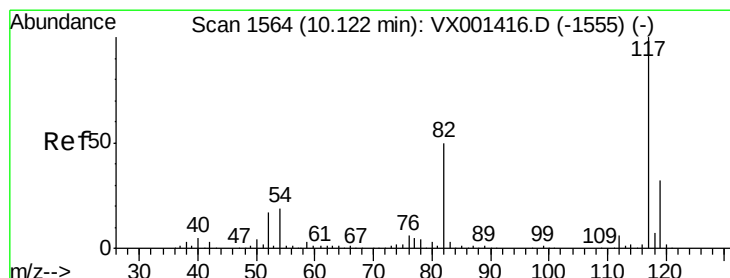
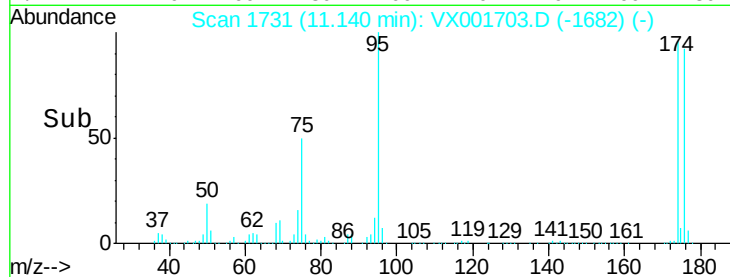
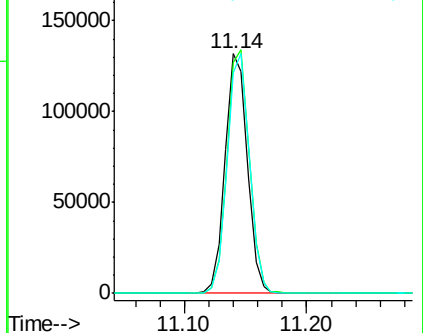
176 99.4 0.0 197.4



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

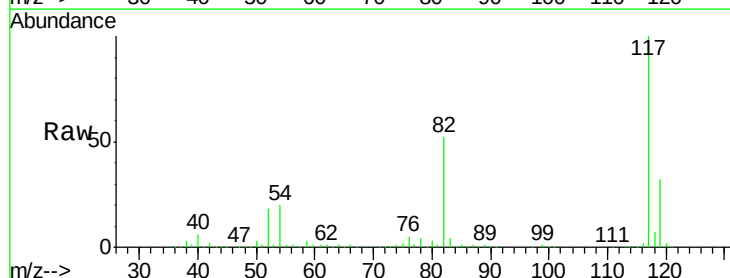
Tgt Ion: 117 Resp: 331230

Ion Ratio Lower Upper

117 100

82 51.8 40.0 60.0

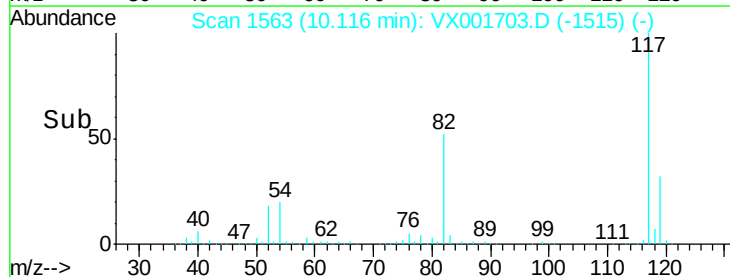
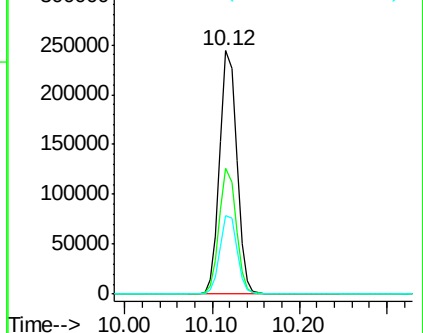
119 32.1 25.8 38.8

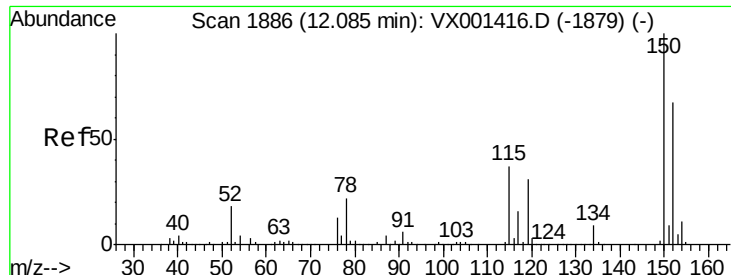


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001703.D

Acq: 13 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#19

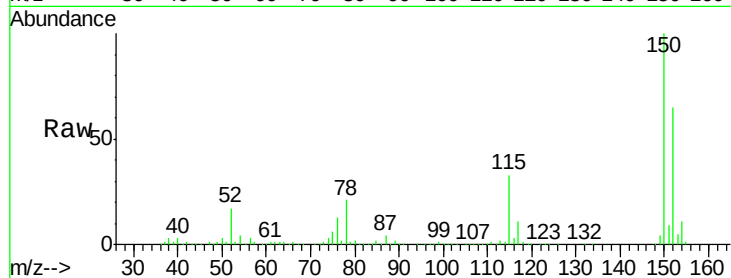
Tot Ion:152 Resp: 179212

Ion Ratio Lower Upper

152 100

115 52.0 37.7 113.1

150 154.7 0.0 349.4



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

