

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001918.D
 Acq On : 23 May 2018 02:45
 Operator : JC/MD
 Sample : PB109456TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456TB

Quant Time: May 23 09:00:29 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

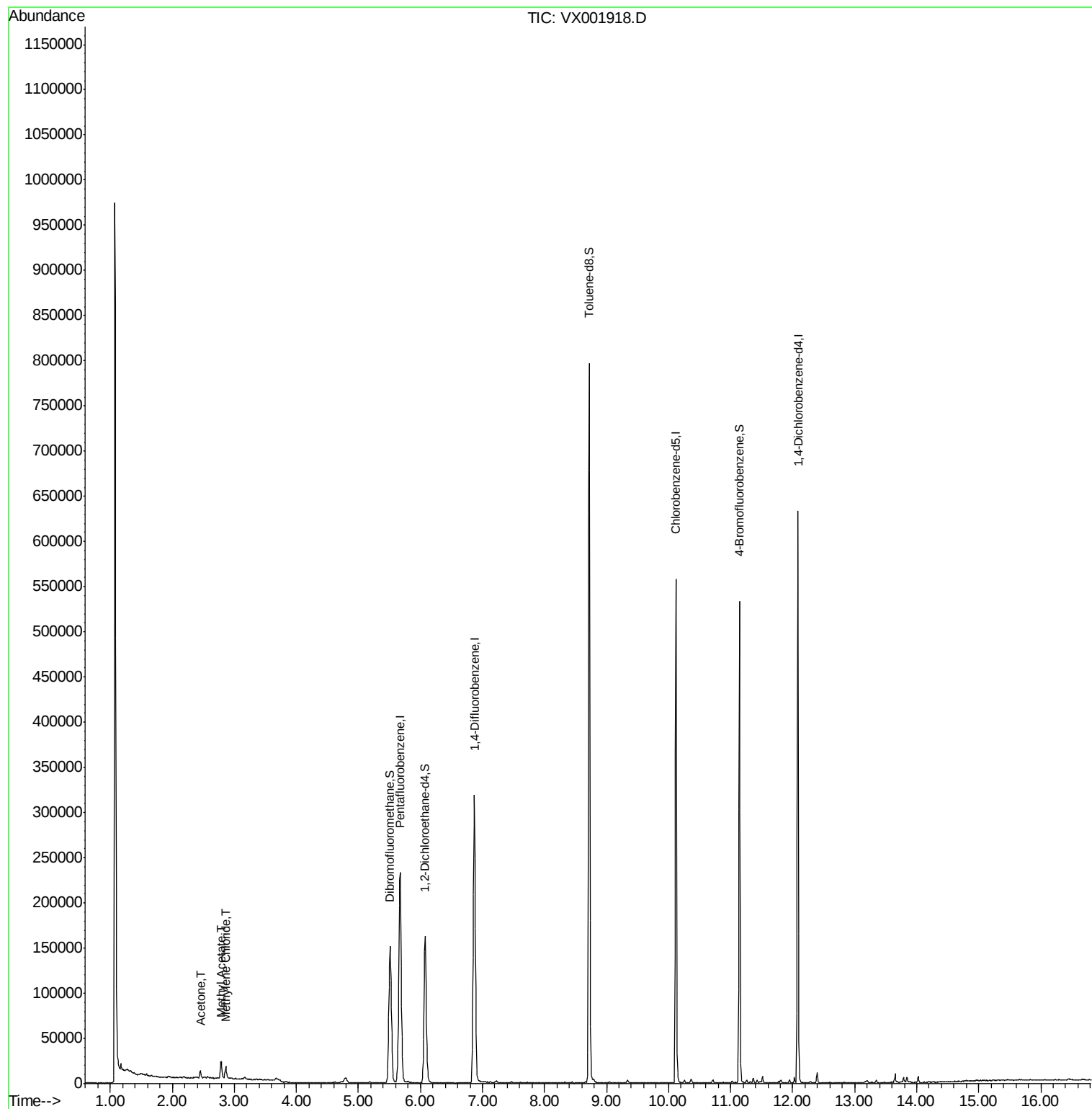
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	141259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151597	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
35) Dibromofluoromethane	5.51	113	125849	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
50) Toluene-d8	8.72	98	459342	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.15	95	133894	37.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.66%	
Target Compounds						
16) Acetone	2.45	43	9397	7.24	ug/l	98
18) Methyl Acetate	2.78	43	22770	6.00	ug/l	100
20) Methylene Chloride	2.86	84	6140	2.21	ug/l	94

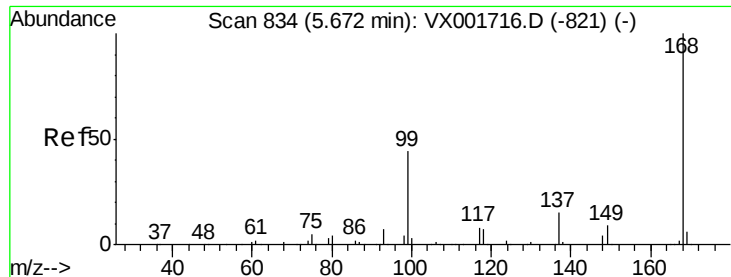
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

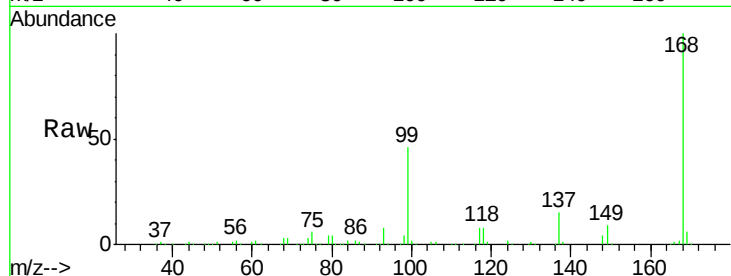
PB109456TB

Tot Ion:168 Resp: 246474

Ion Ratio Lower Upper

168 100

99 45.6 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

80000

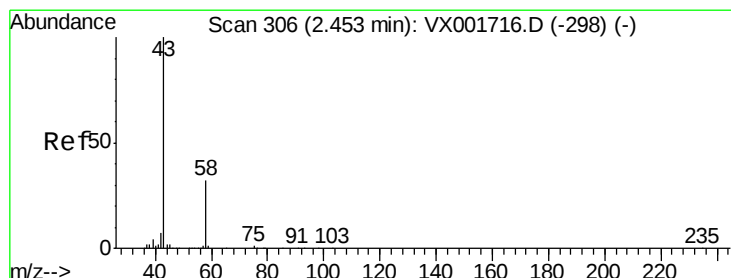
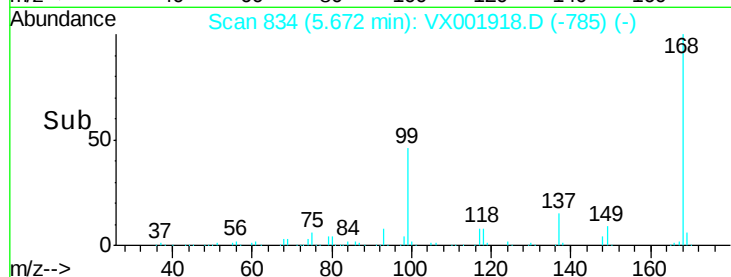
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.24 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001918.D

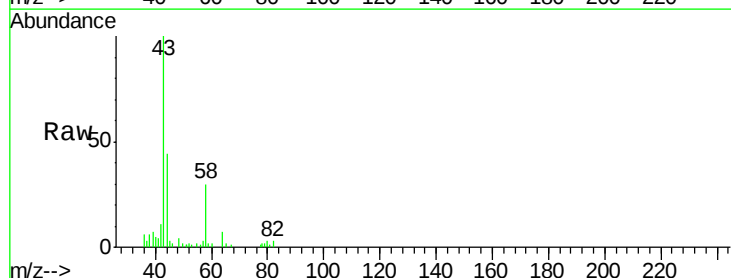
Acq: 23 May 2018 02:45

Tgt Ion: 43 Resp: 9397

Ion Ratio Lower Upper

43 100

58 30.4 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

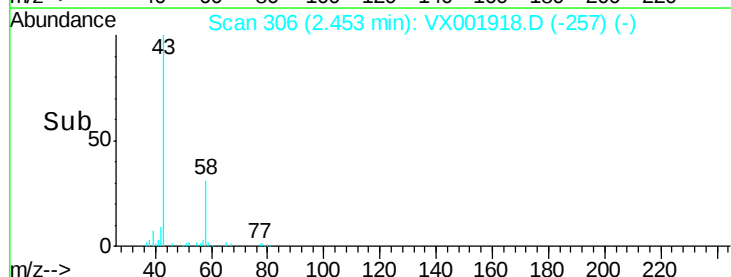
3000

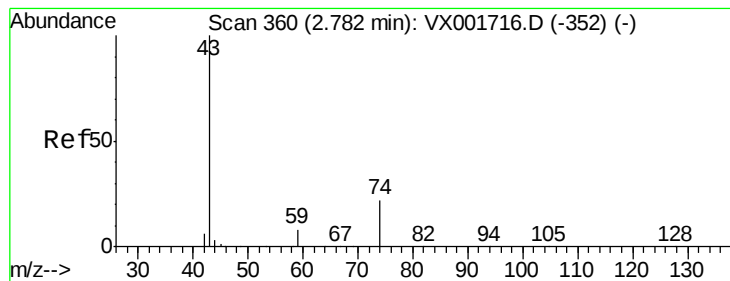
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 6.00 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampled :

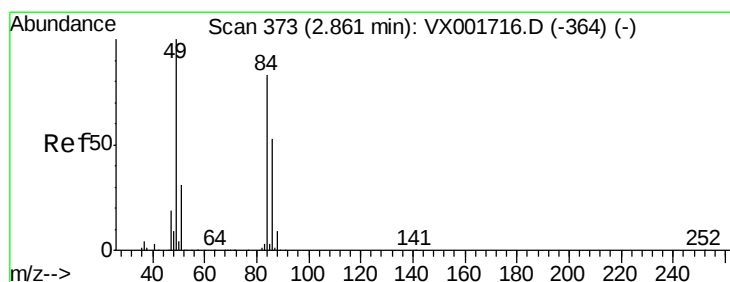
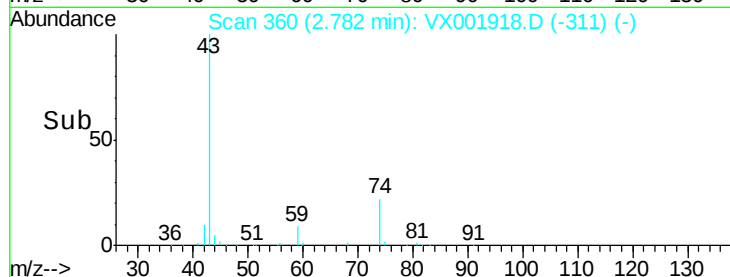
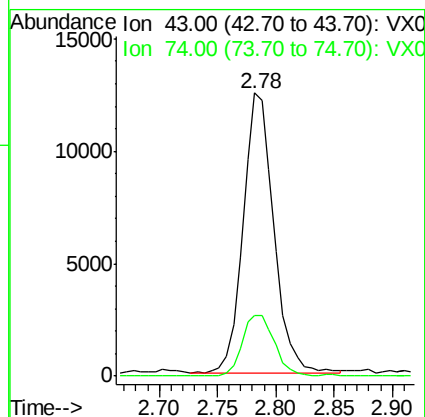
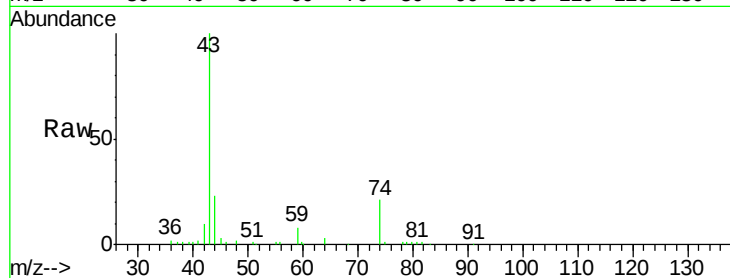
PB109456TB

Tot Ion: 43 Resp: 22770

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.2



#20

Methylene Chloride

Concen: 2.21 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Tgt Ion: 84 Resp: 6140

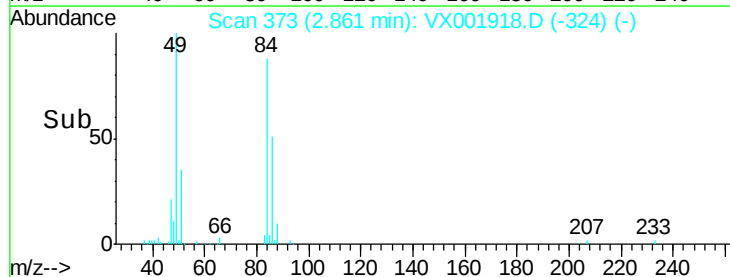
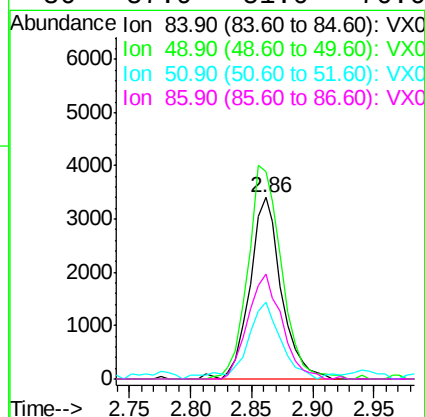
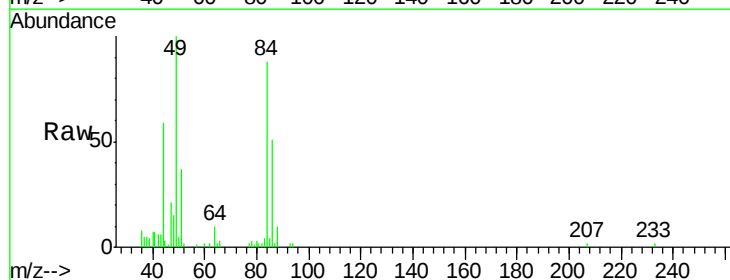
Ion Ratio Lower Upper

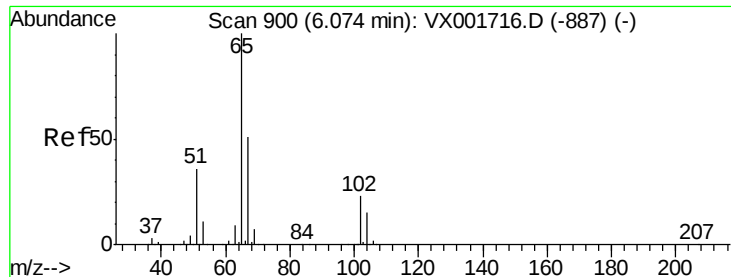
84 100

49 114.1 96.3 144.5

51 40.2 29.8 44.6

86 57.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 45.89 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

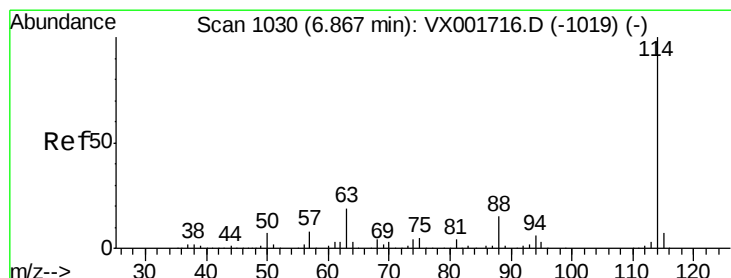
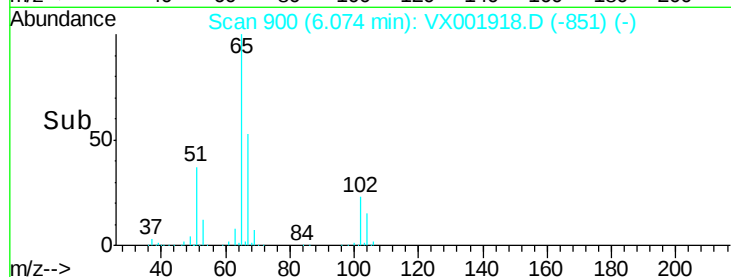
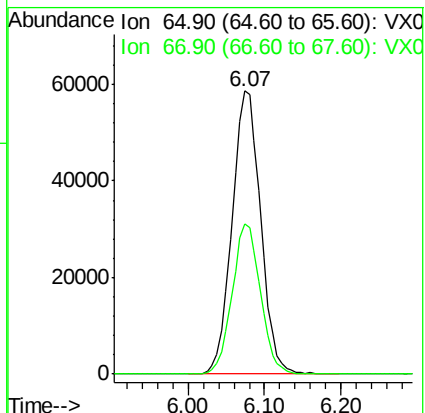
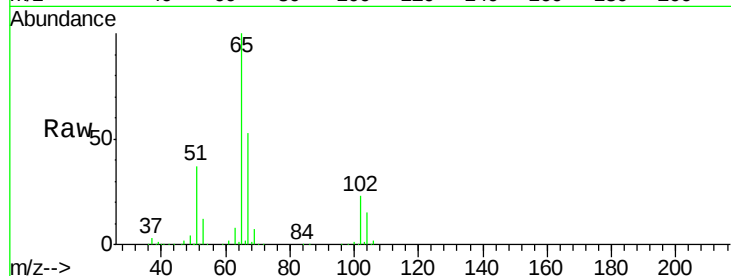
PB109456TB

Tot Ion: 65 Resp: 151597

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

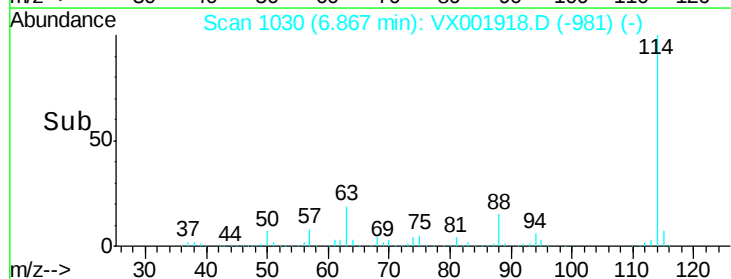
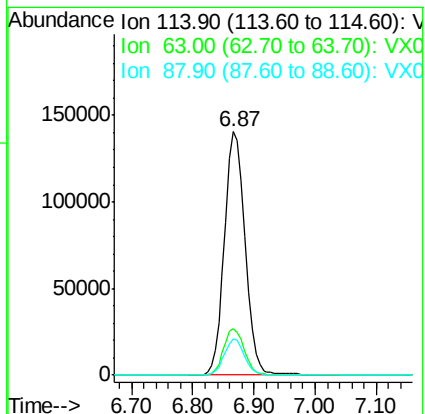
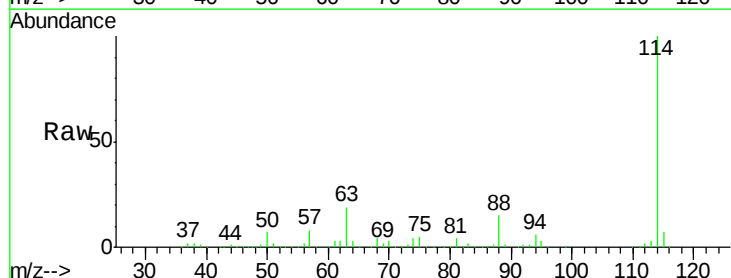
Tgt Ion: 114 Resp: 329565

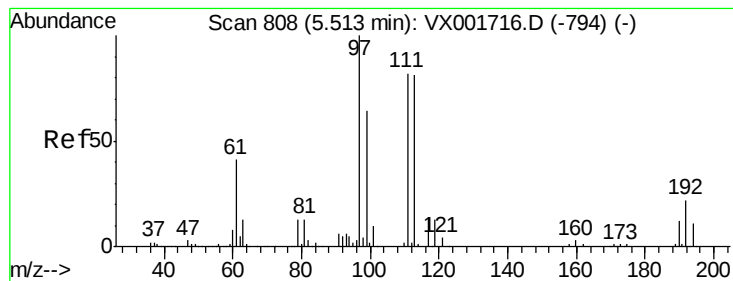
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 45.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

PB109456TB

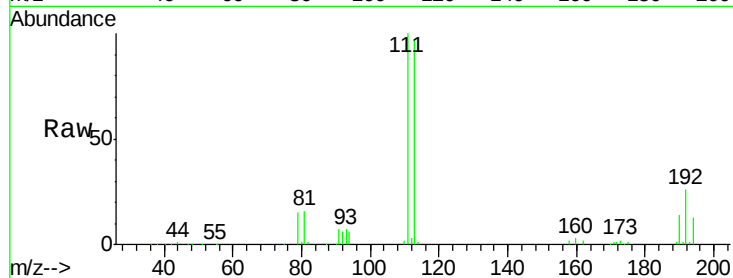
Tot Ion:113 Resp: 125849

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

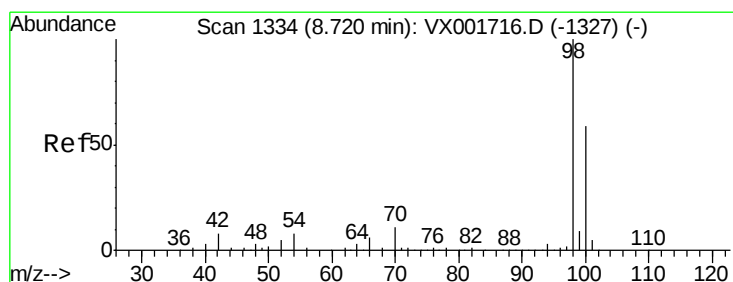
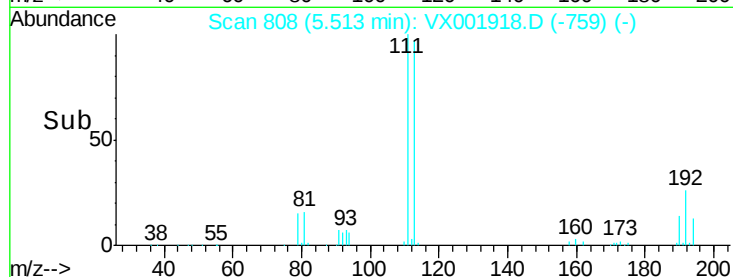
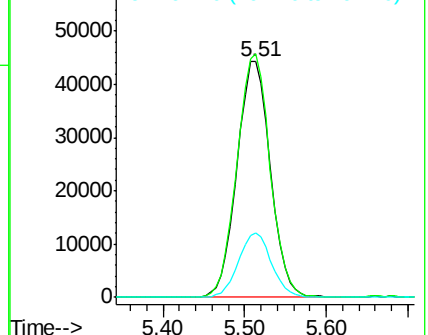
192 27.0 21.6 32.4



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: 46.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001918.D

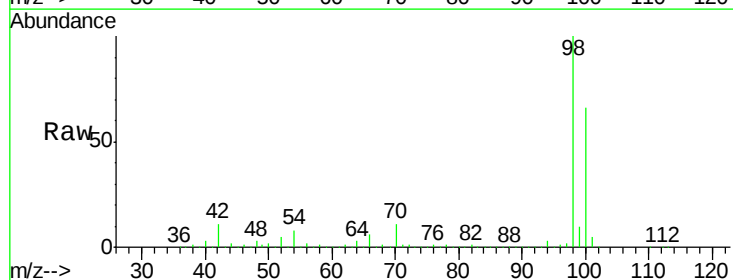
Acq: 23 May 2018 02:45

Tgt Ion: 98 Resp: 459342

Ion Ratio Lower Upper

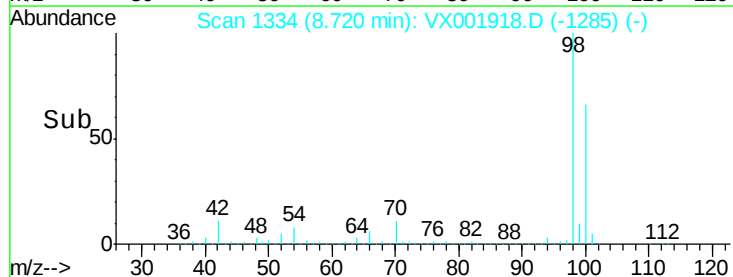
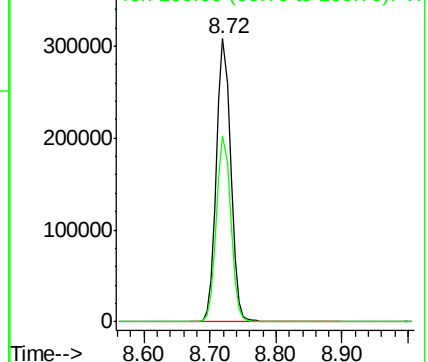
98 100

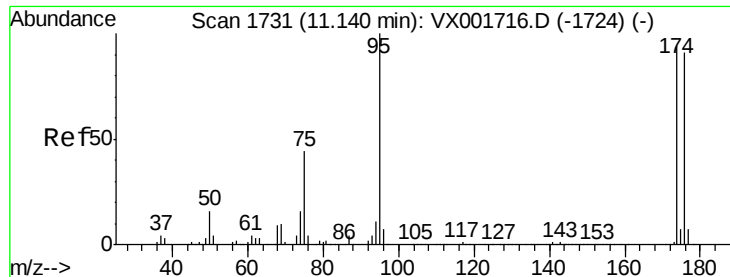
100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

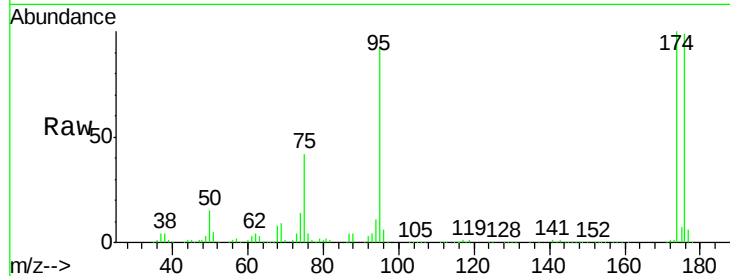




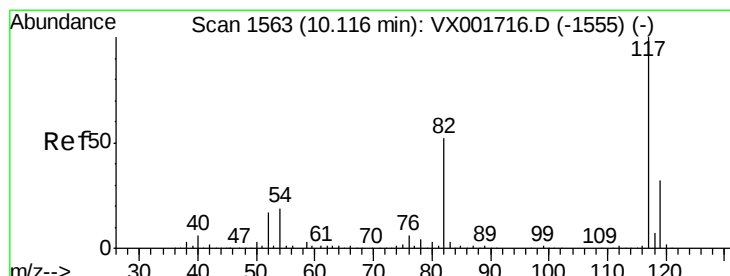
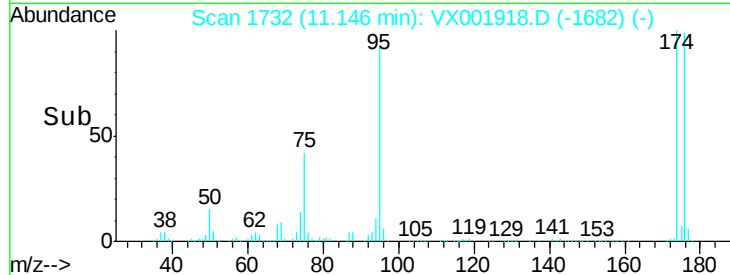
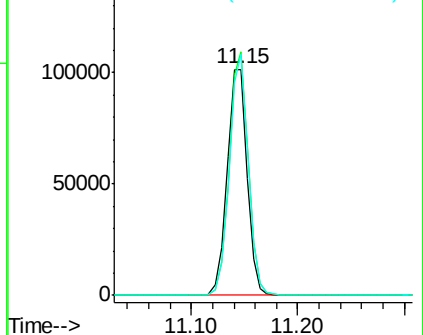
#62
4-Bromofluorobenzene
Concen: 37.33 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Instrument :
MSVOA_X
ClientSampled :
PB109456TB

Tot Ion: 95 Resp: 133894
Ion Ratio Lower Upper
95 100
174 102.4 0.0 201.8
176 100.2 0.0 196.8

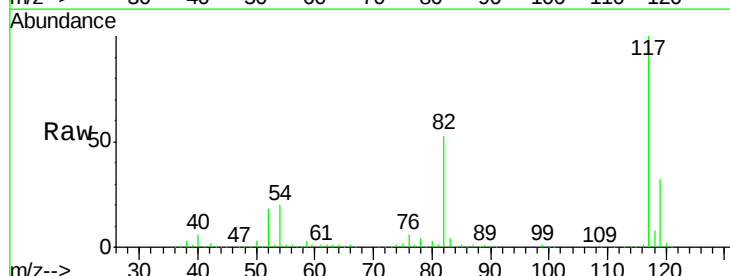


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

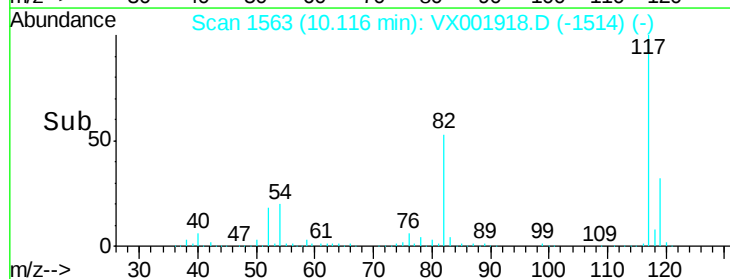
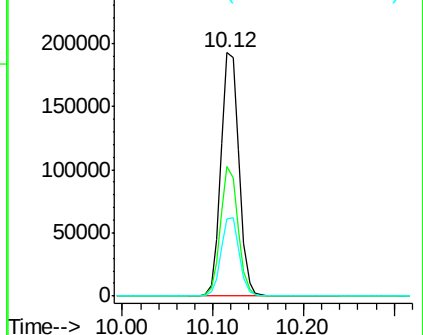


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion: 117 Resp: 268109
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.2
119 31.8 25.6 38.4



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: VX001918.D

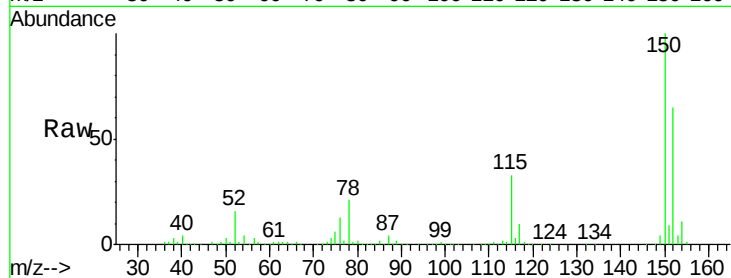
Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

PB109456TB



Tot Ion:152 Resp: 141259

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

150 155.1 0.0 344.8

