

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001861.D
 Acq On : 19 May 2018 07:47
 Operator : JC/MD
 Sample : PB109413ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#12

Quant Time: May 21 04:12:44 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

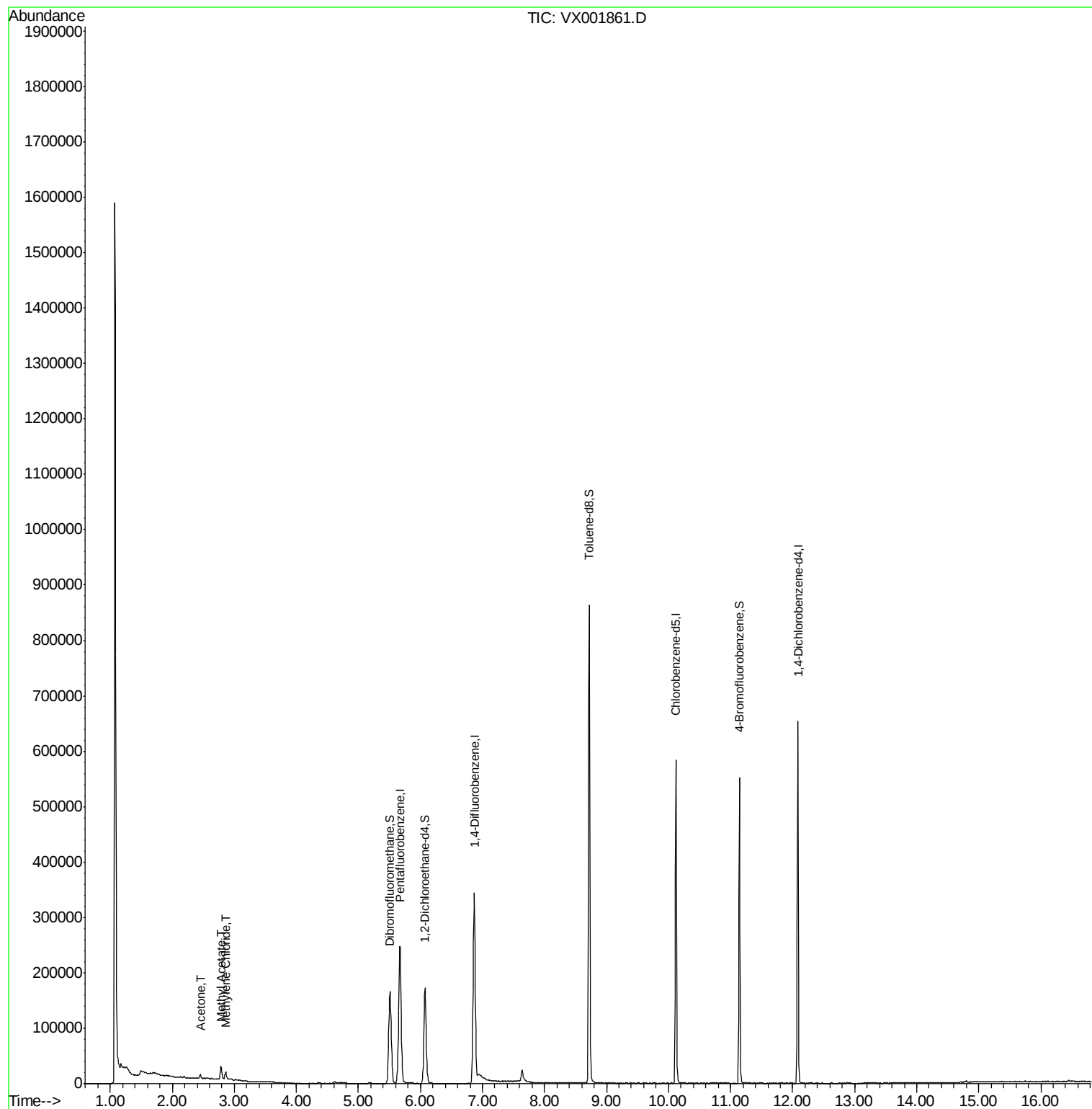
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158227	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
35) Dibromofluoromethane	5.51	113	140199	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
50) Toluene-d8	8.72	98	509678	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	137415	34.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.84%	
Target Compounds						
16) Acetone	2.45	43	8211	5.68	ug/l	99
18) Methyl Acetate	2.78	43	27941	6.61	ug/l	99
20) Methylene Chloride	2.86	84	6293	2.03	ug/l	98

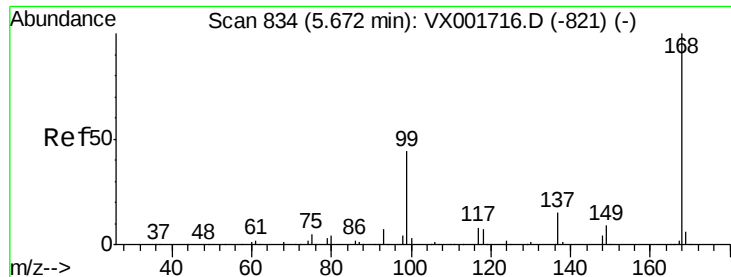
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001861.D

Acq: 19 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

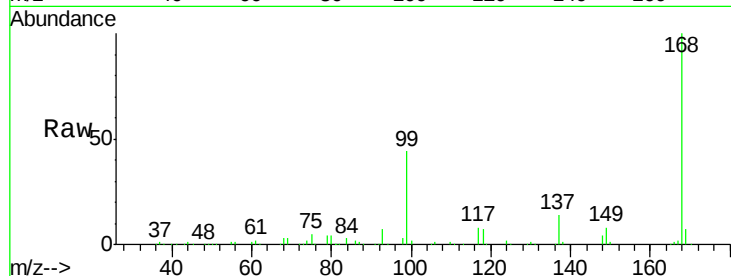
PB109413ZHE#12

Tot Ion:168 Resp: 274794

Ion Ratio Lower Upper

168 100

99 43.6 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

100000

80000

60000

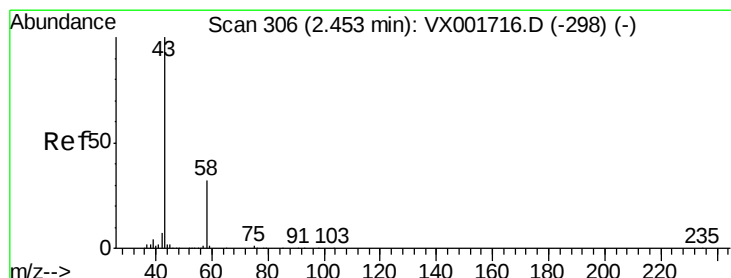
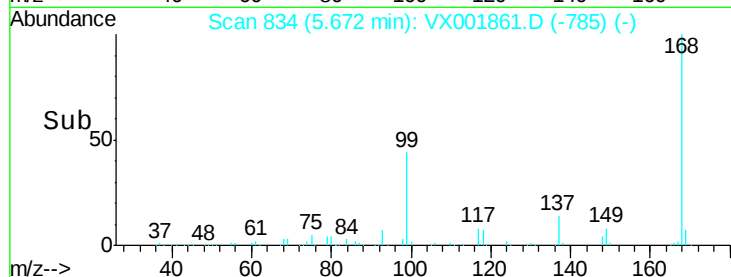
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 5.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001861.D

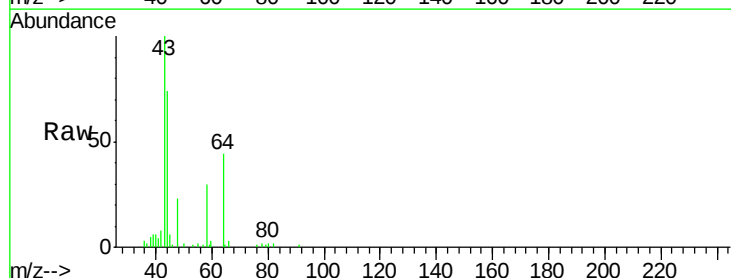
Acq: 19 May 2018 07:47

Tgt Ion: 43 Resp: 8211

Ion Ratio Lower Upper

43 100

58 31.1 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

5000

4000

3000

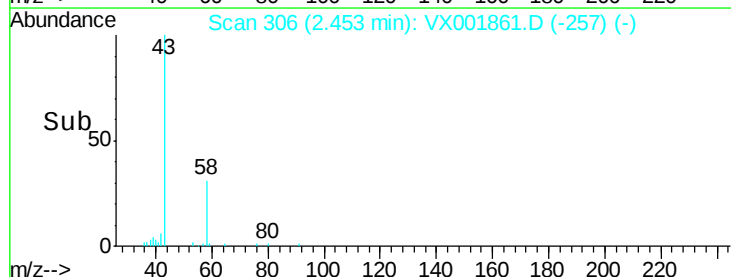
2000

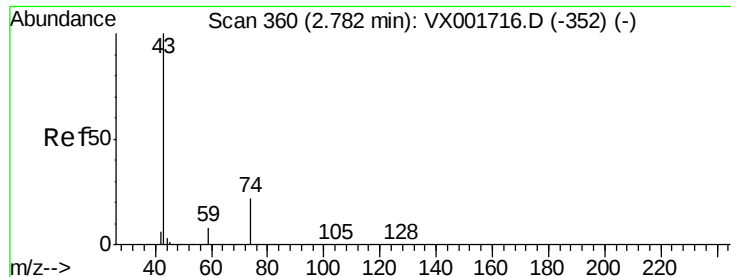
1000

0

2.35 2.40 2.45 2.50 2.55

Time-->

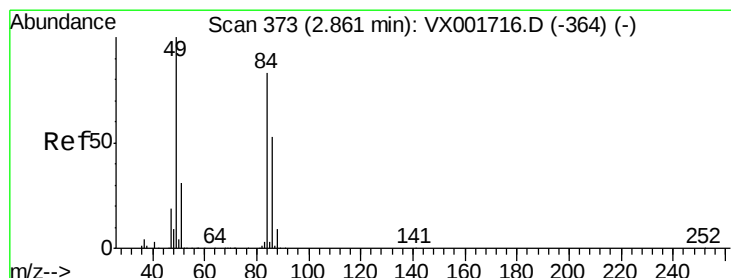
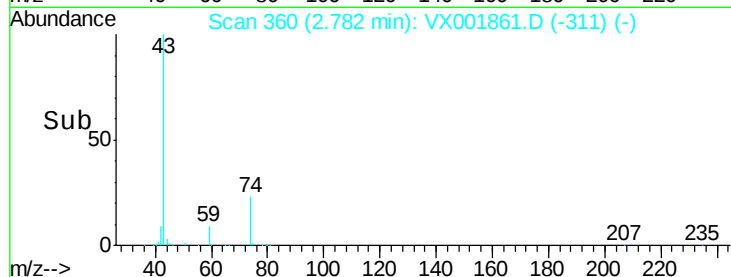
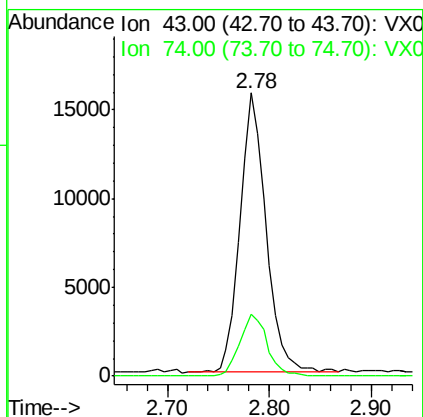
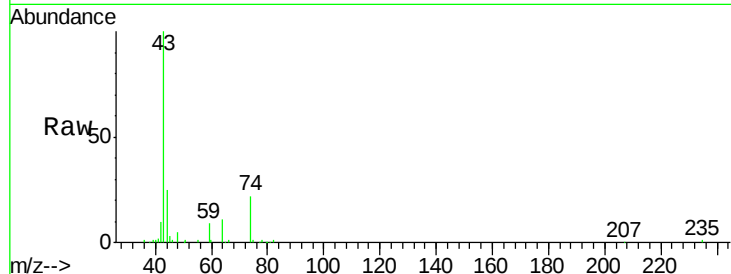




#18
Methvl Acetate
Concen: 6.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

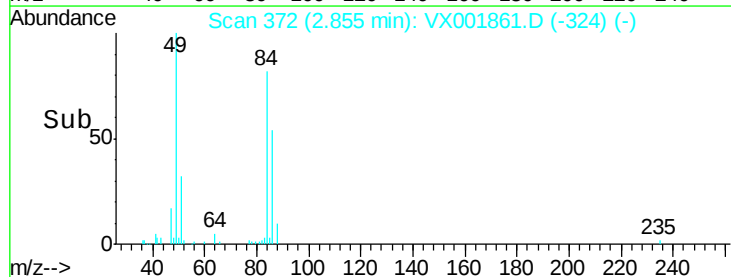
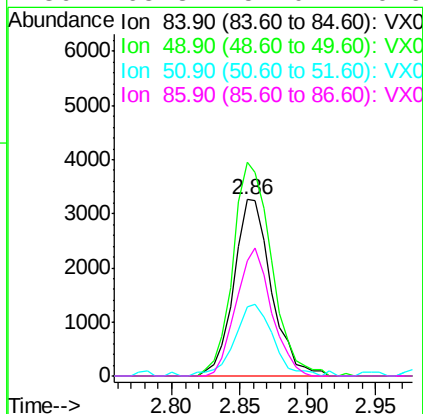
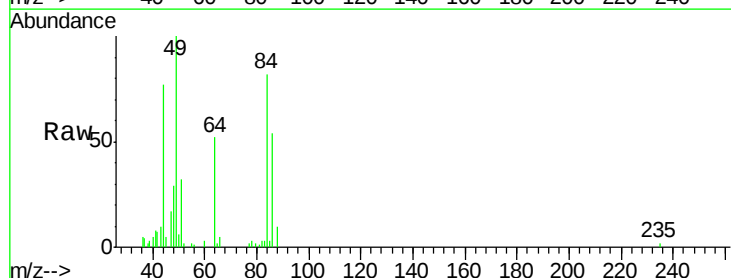
Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

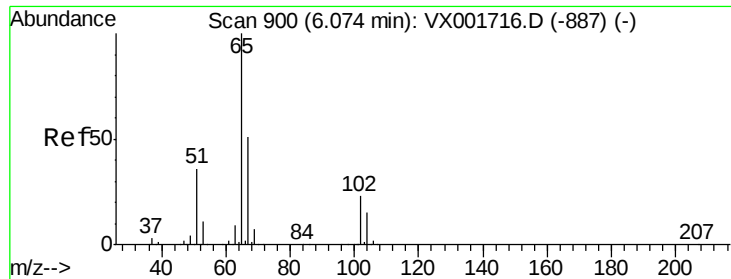
Tot Ion: 43 Resp: 27941
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.2



#20
Methylene Chloride
Concen: 2.03 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion: 84 Resp: 6293
Ion Ratio Lower Upper
84 100
49 121.2 96.3 144.5
51 39.2 29.8 44.6
86 65.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 42.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001861.D

Acq: 19 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

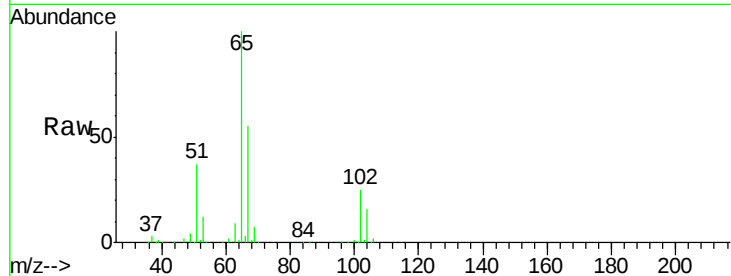
PB109413ZHE#12

Tot Ion: 65 Resp: 158227

Ion Ratio Lower Upper

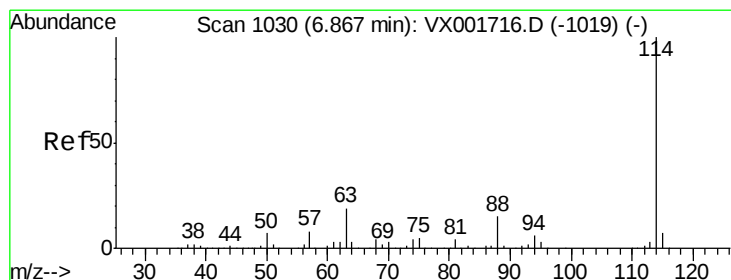
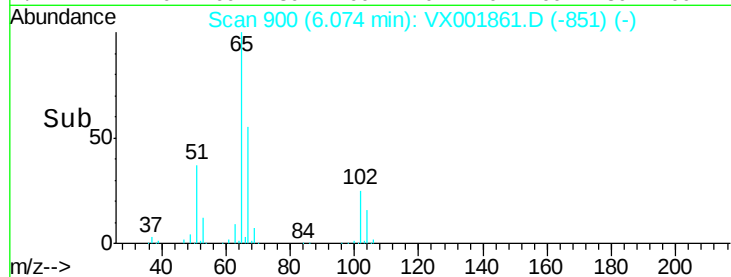
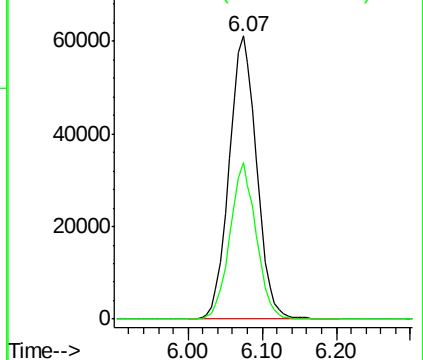
65 100

67 52.9 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: VX001861.D

Acq: 19 May 2018 07:47

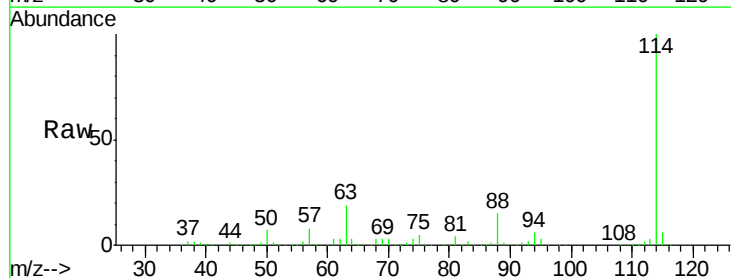
Tgt Ion: 114 Resp: 366854

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

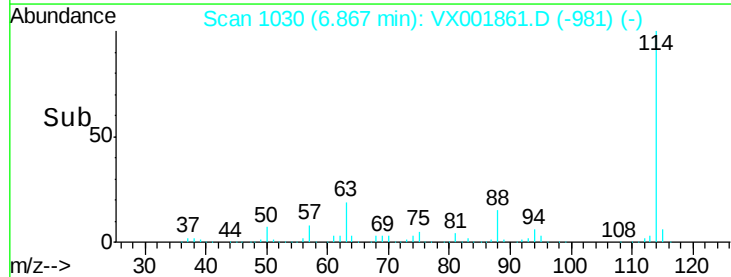
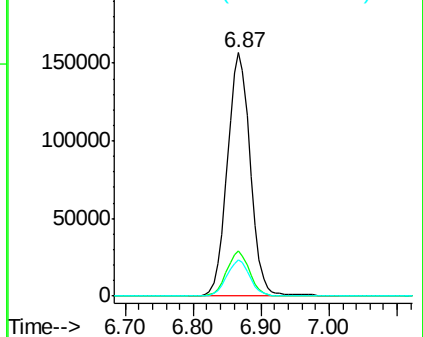
88 14.9 0.0 29.8

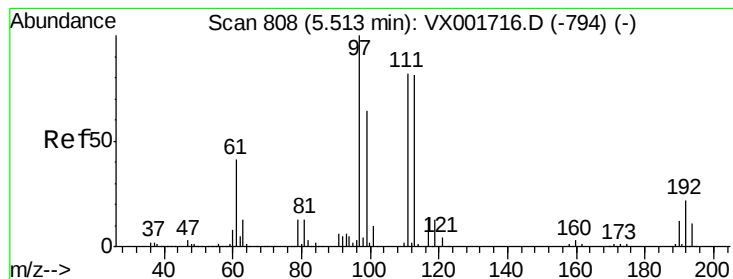


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001861.D

Acq: 19 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#12

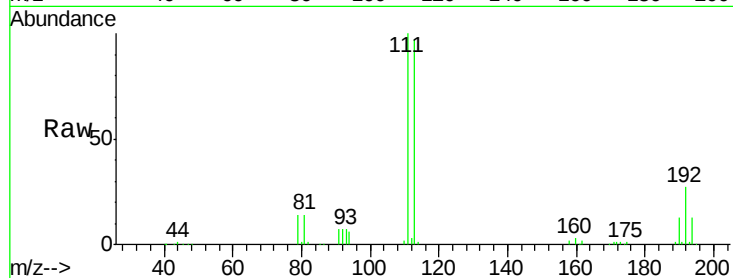
Tot Ion:113 Resp: 140199

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

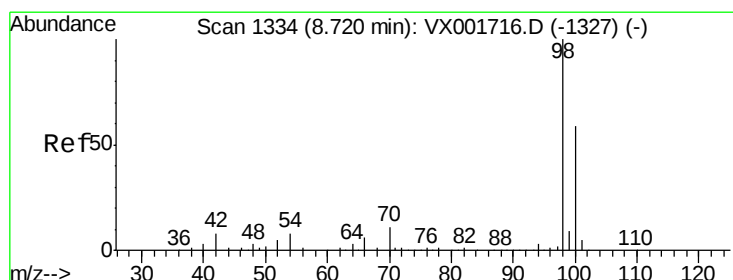
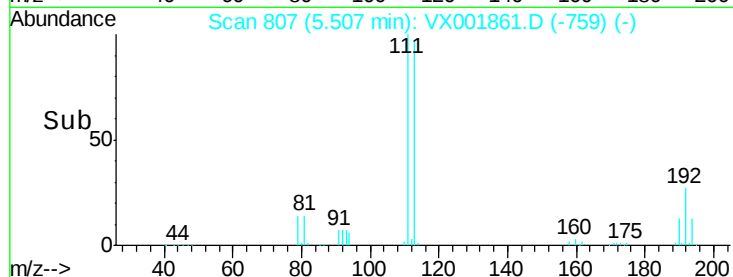
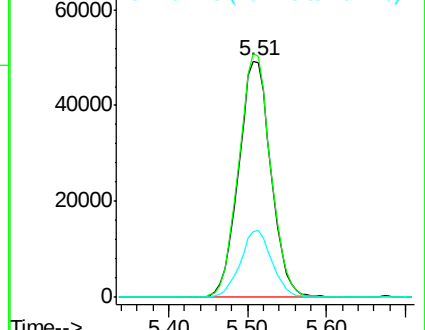
192 27.8 21.6 32.4



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: 45.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001861.D

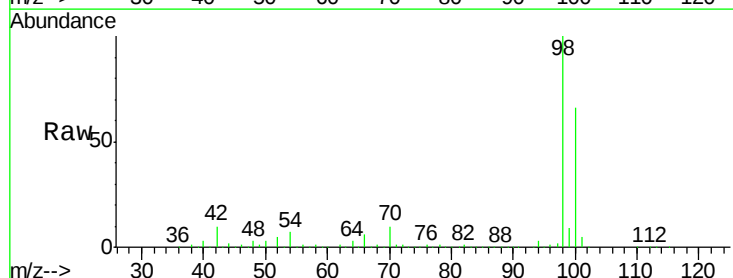
Acq: 19 May 2018 07:47

Tgt Ion: 98 Resp: 509678

Ion Ratio Lower Upper

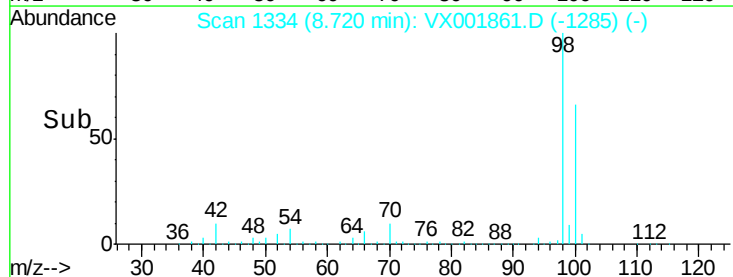
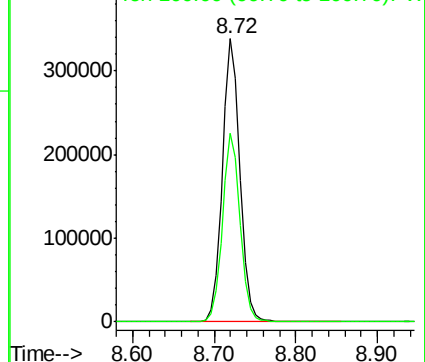
98 100

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

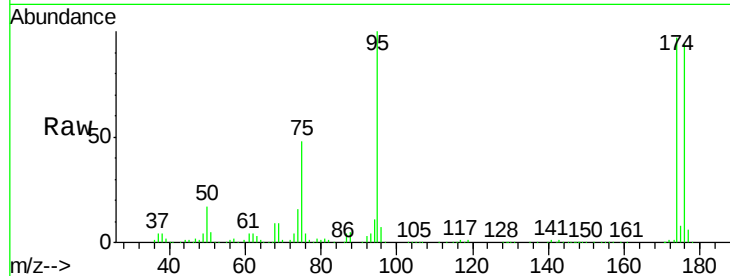




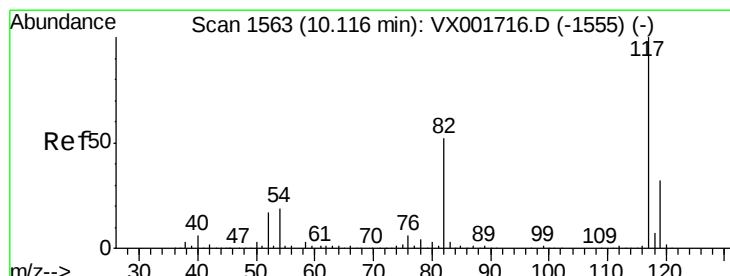
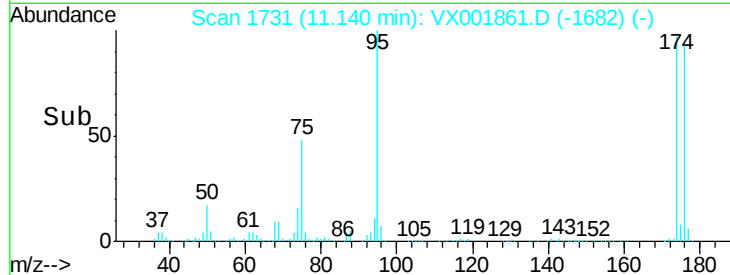
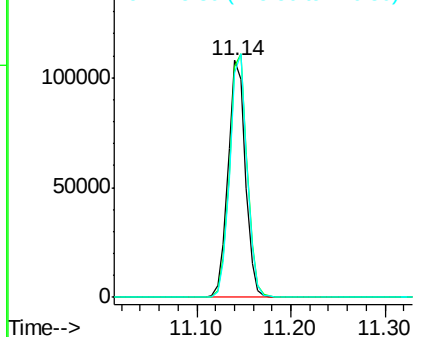
#62
4-Bromofluorobenzene
Concen: 34.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#12

Tot Ion	95	Resp	137415
Ion Ratio	Lower	Upper	
95	100		
174	104.1	0.0	201.8
176	101.6	0.0	196.8

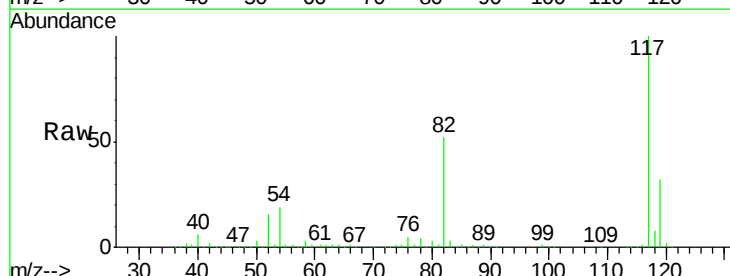


Abundance Ion 94.90 (94.60 to 95.60): VX001861.D (-1682) (-)

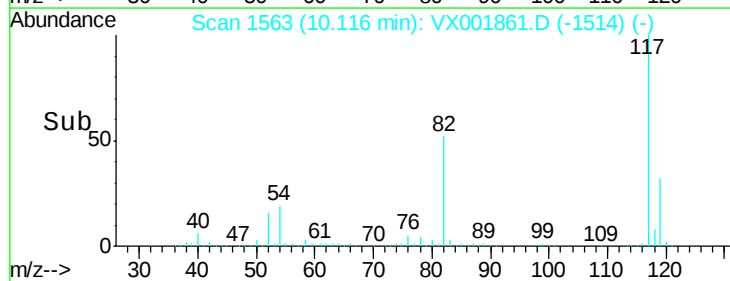
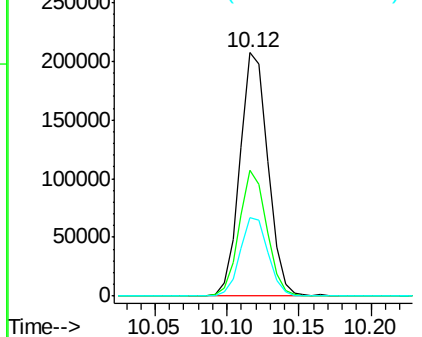


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001861.D
Acq: 19 May 2018 07:47

Tgt Ion	117	Resp	280016
Ion Ratio	Lower	Upper	
117	100		
82	51.6	41.4	62.2
119	32.4	25.6	38.4



Abundance Ion 116.90 (116.60 to 117.60): VX001861.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001861.D

Acq: 19 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#12

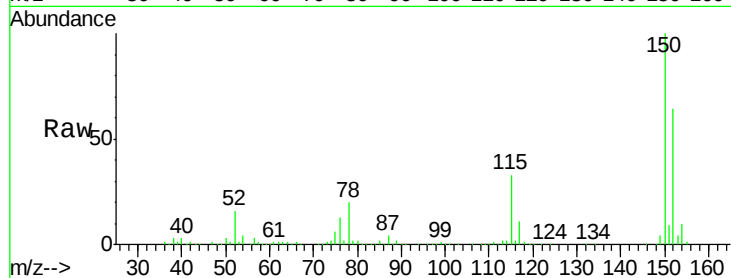
Tot Ion:152 Resp: 146340

Ion Ratio Lower Upper

152 100

115 51.9 37.4 112.2

150 157.2 0.0 344.8



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

