

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001704.D
 Acq On : 13 May 2018 08:12
 Operator : JC/MD
 Sample : PB109200ZHE#20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#20

Quant Time: May 14 08:04:08 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

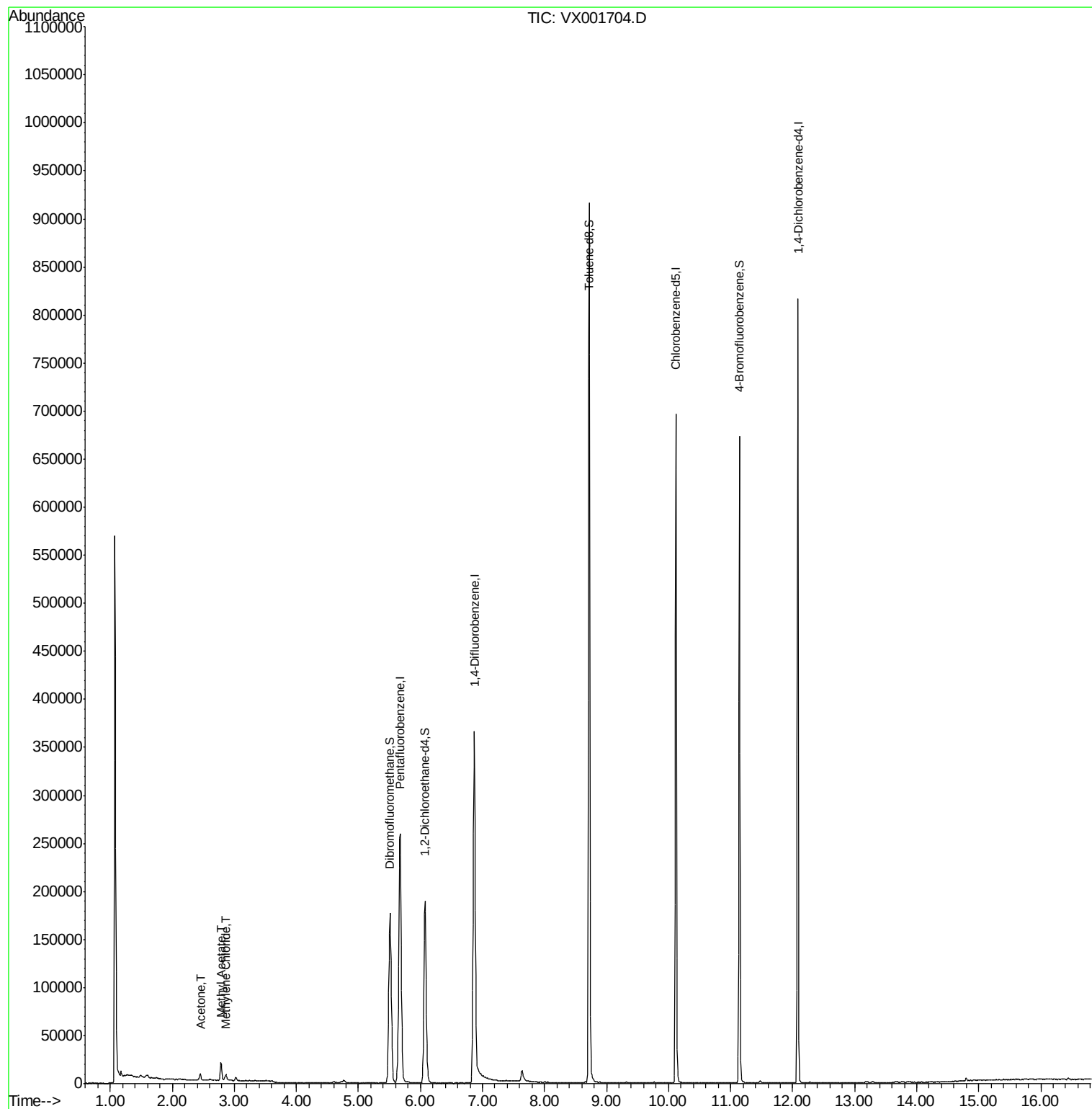
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181344	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
35) Dibromofluoromethane	5.51	113	146654	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
50) Toluene-d8	8.72	98	523280	43.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.34%	
62) 4-Bromofluorobenzene	11.14	95	165762	35.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.24%	
Target Compounds						
16) Acetone	2.45	43	7431	4.13	ug/l	99
18) Methyl Acetate	2.78	43	22792	4.82	ug/l	98
20) Methylene Chloride	2.86	84	2760	0.77	ug/l	89

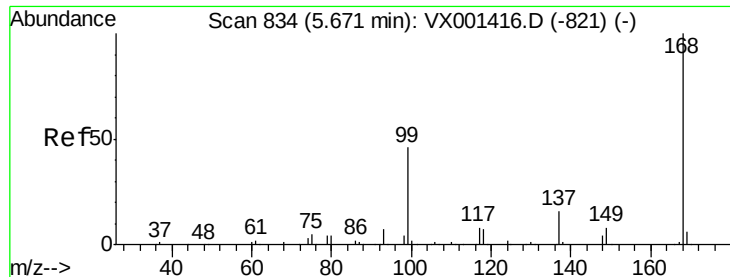
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001704.D

Acq: 13 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

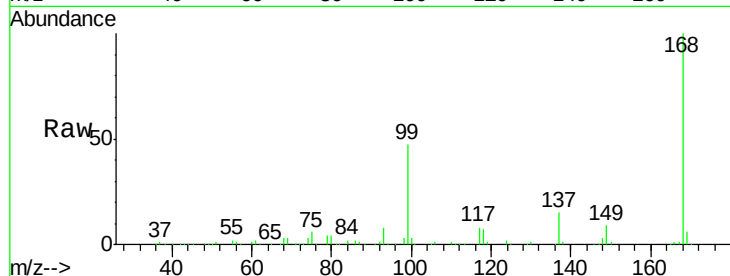
PB109200ZHE#20

Tot Ion:168 Resp: 275711

Ion Ratio Lower Upper

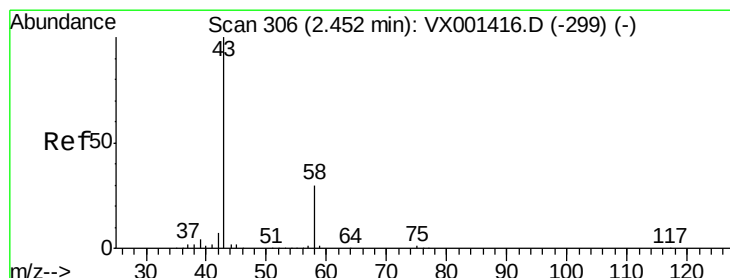
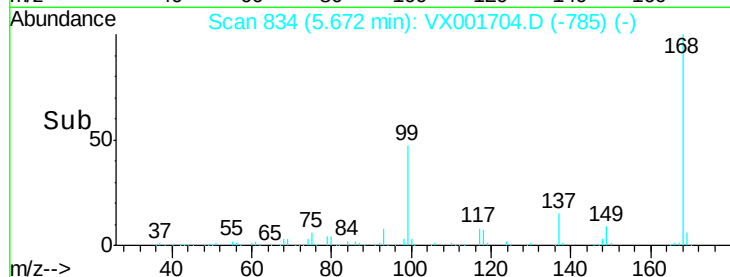
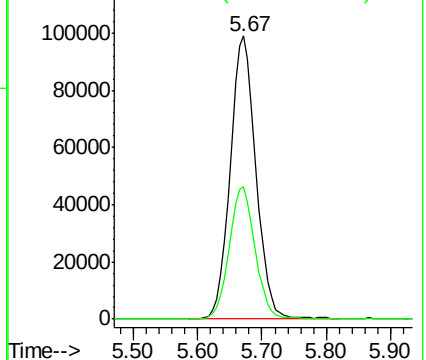
168 100

99 46.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.13 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001704.D

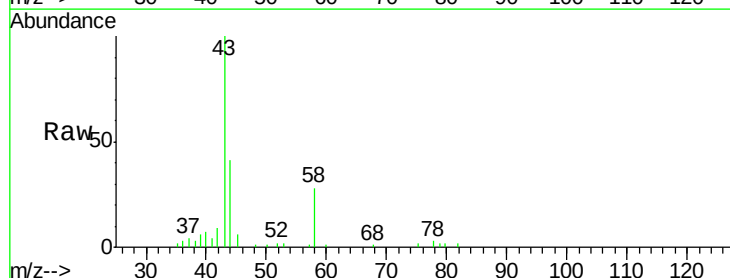
Acq: 13 May 2018 08:12

Tgt Ion: 43 Resp: 7431

Ion Ratio Lower Upper

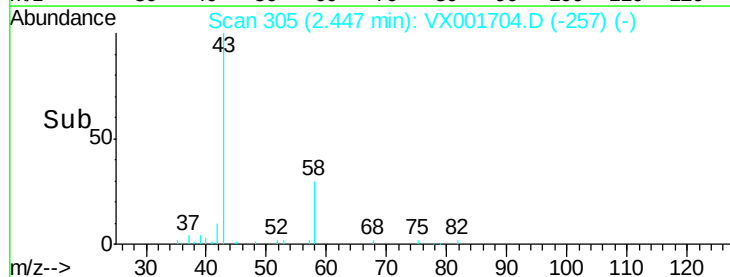
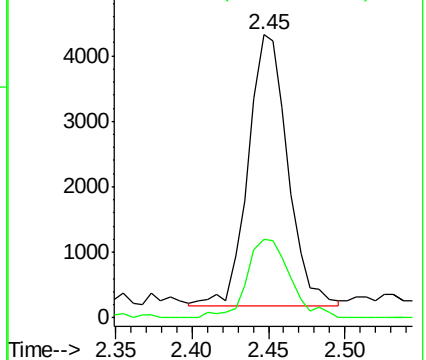
43 100

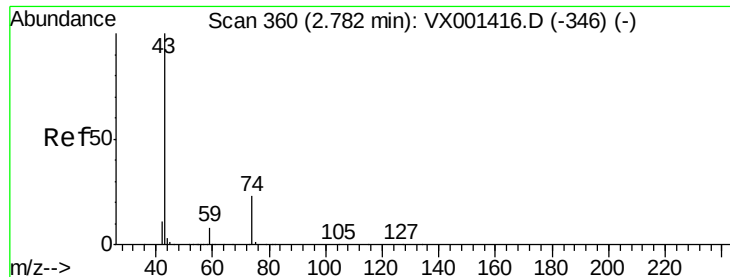
58 29.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 4.82 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001704.D

Acq: 13 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

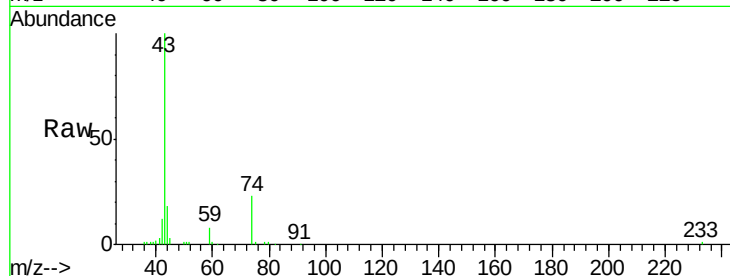
PB109200ZHE#20

Tot Ion: 43 Resp: 22792

Ion Ratio Lower Upper

43 100

74 24.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

15000

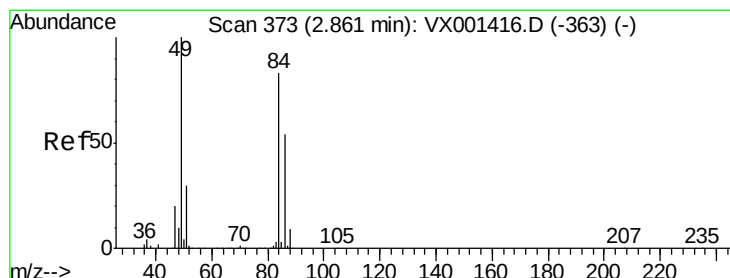
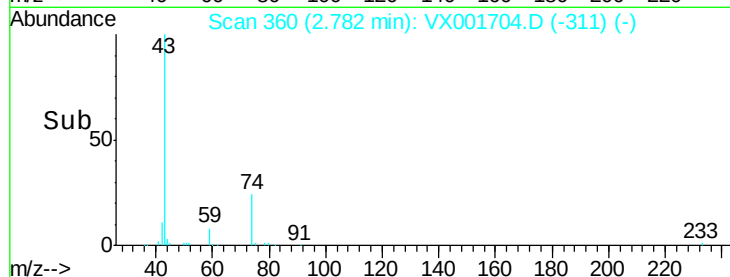
10000

5000

0

Time-->

2.70 2.80 2.90



#20

Methylene Chloride

Concen: 0.77 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001704.D

Acq: 13 May 2018 08:12

Tgt Ion: 84 Resp: 2760

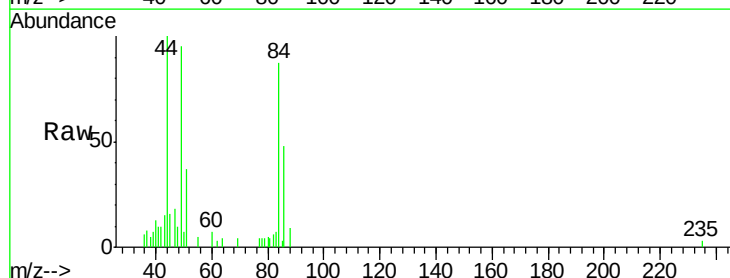
Ion Ratio Lower Upper

84 100

49 109.4 96.6 144.8

51 42.6 29.0 43.4

86 55.5 52.2 78.4



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

2500

2000

1500

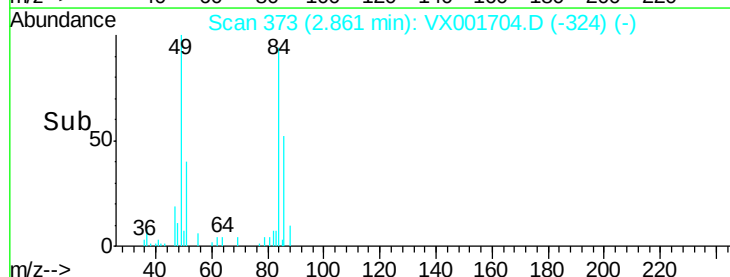
1000

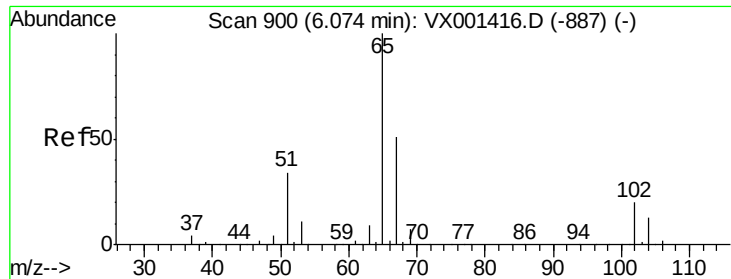
500

0

Time-->

2.80 2.85 2.90

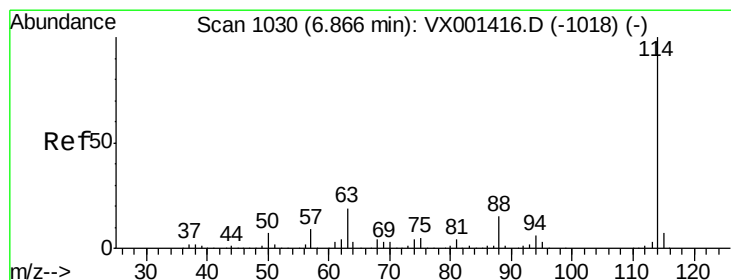
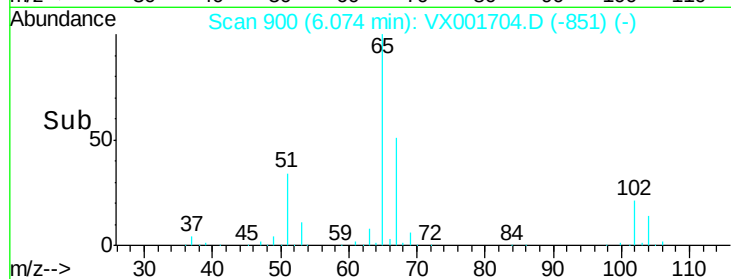
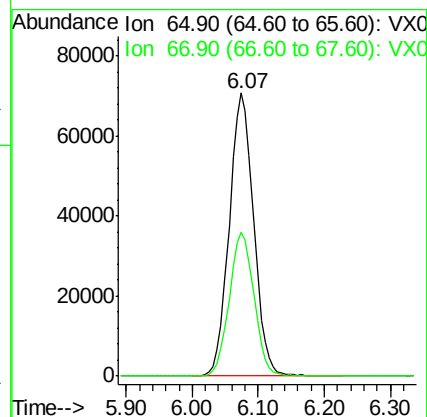
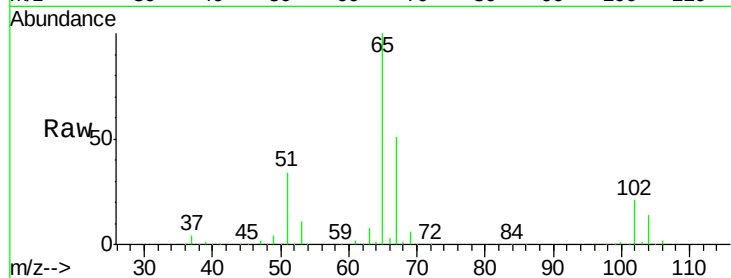




#33
 1,2-Dichloroethane-d4
 Concen: 45.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001704.D
 Acq: 13 May 2018 08:12

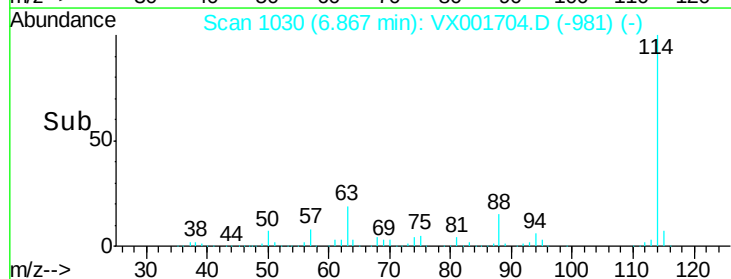
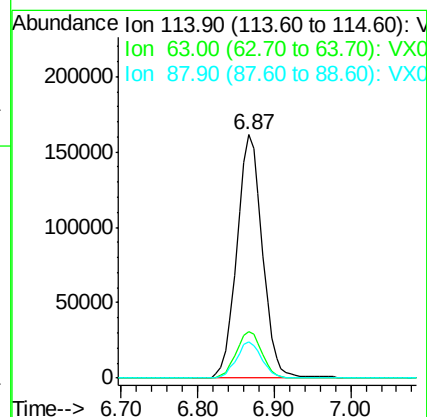
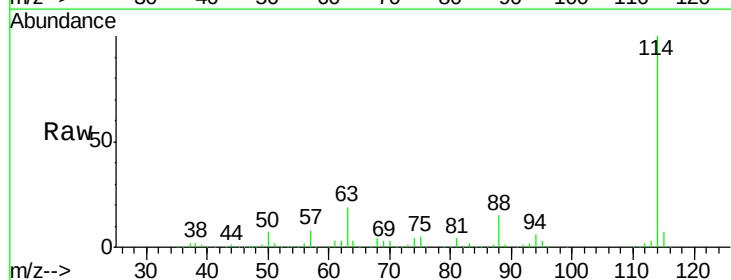
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#20

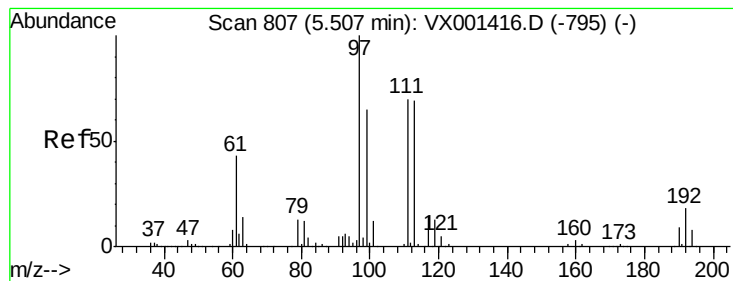
Tot Ion: 65 Resp: 181344
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001704.D
 Acq: 13 May 2018 08:12

Tgt Ion: 114 Resp: 373351
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 44.16 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001704.D

Acq: 13 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#20

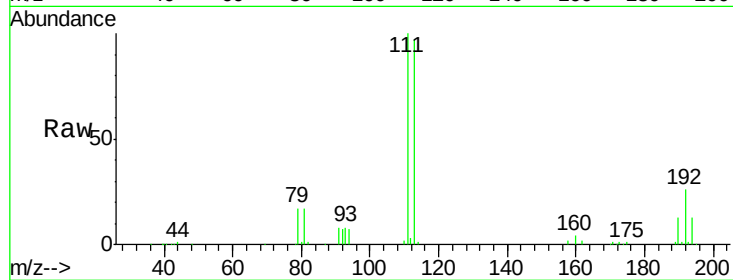
Tot Ion:113 Resp: 146654

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

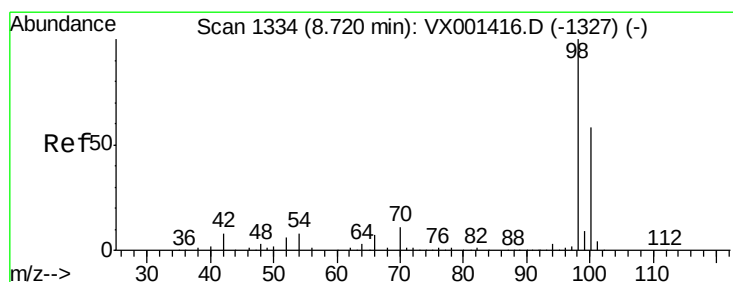
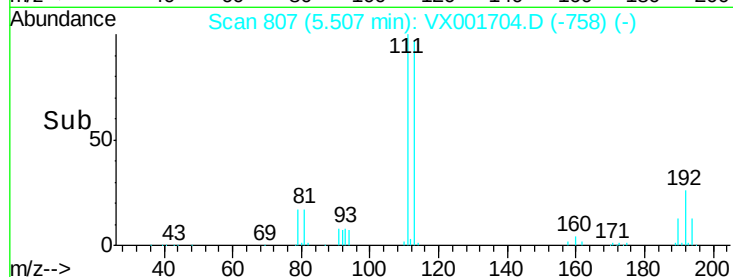
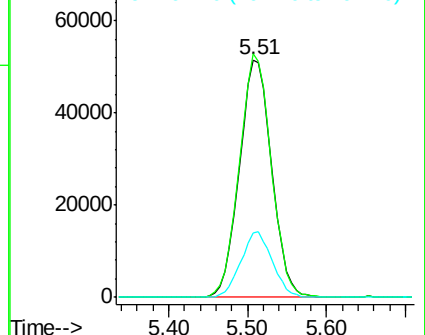
192 26.9 21.4 32.0



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: 43.17 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001704.D

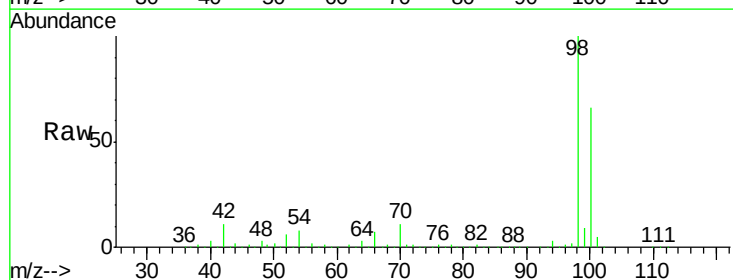
Acq: 13 May 2018 08:12

Tgt Ion: 98 Resp: 523280

Ion Ratio Lower Upper

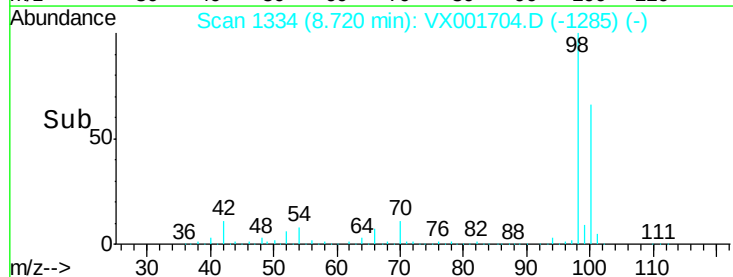
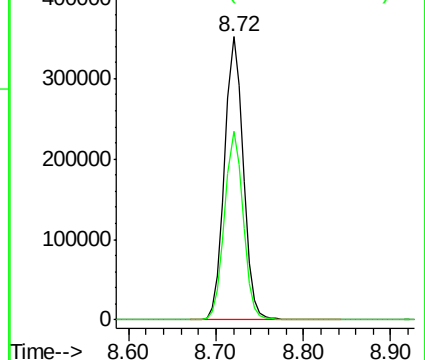
98 100

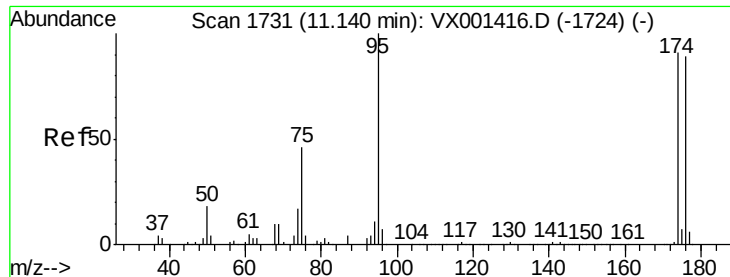
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001704.D

Acq: 13 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#20

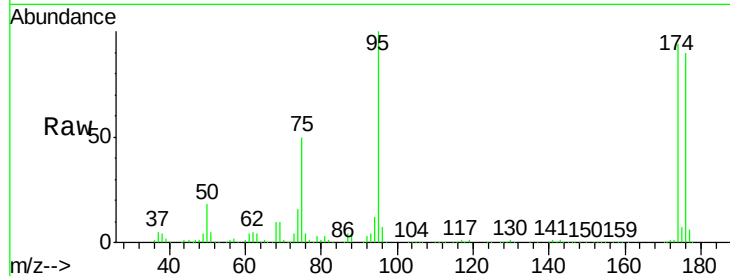
Tot Ion: 95 Resp: 165762

Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

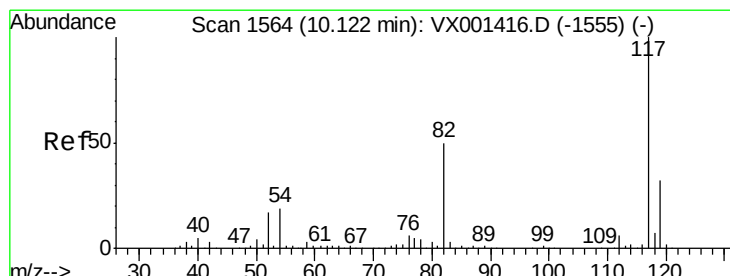
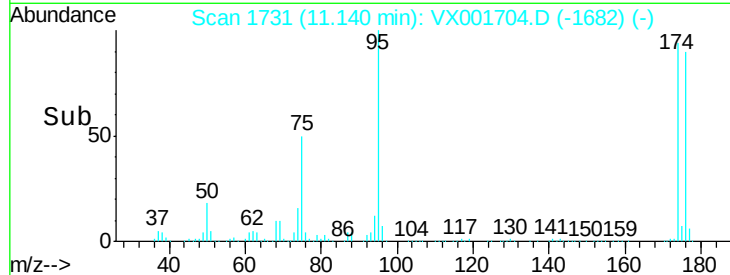
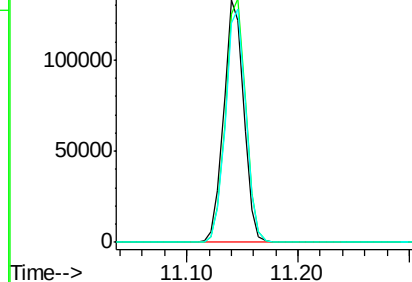
176 97.8 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001704.D

Acq: 13 May 2018 08:12

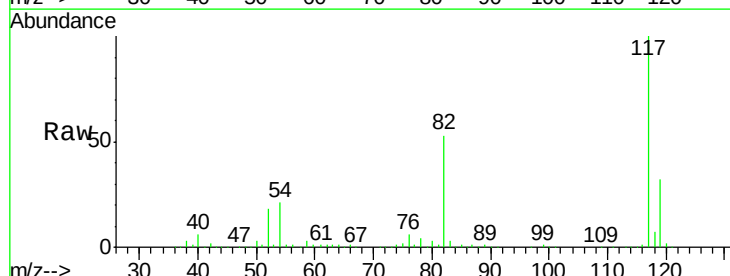
Tgt Ion: 117 Resp: 328230

Ion Ratio Lower Upper

117 100

82 53.4 40.0 60.0

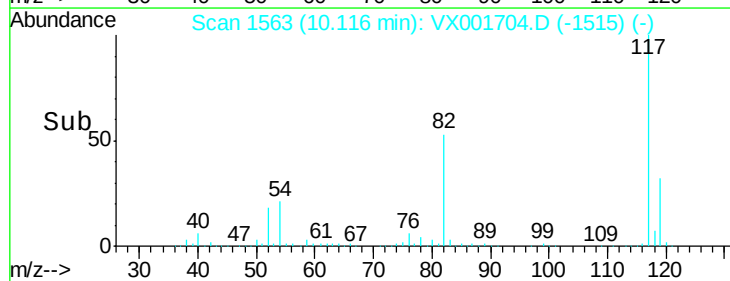
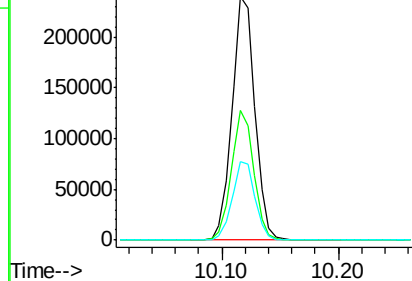
119 32.4 25.8 38.8

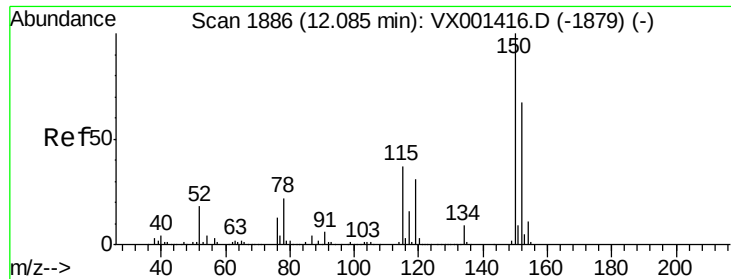


Abundance Ion 116.90 (116.60 to 117.60): VX001416.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001416.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001416.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001704.D

Acq: 13 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#20

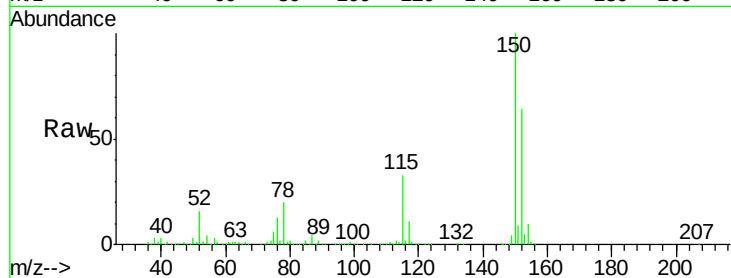
Tot Ion:152 Resp: 178727

Ion Ratio Lower Upper

152 100

115 51.9 37.7 113.1

150 156.8 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

