

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003291.D
 Acq On : 10 Jul 2018 18:22
 Operator : JC/MD
 Sample : PB110944ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#05

Quant Time: Jul 11 01:13:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194757	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	166260	40.83	ug/l	0.00
Spiked Amount			Recovery	=	81.66%	
35) Dibromofluoromethane	5.51	113	141972	36.72	ug/l	0.00
Spiked Amount			Recovery	=	73.44%	
50) Toluene-d8	8.72	98	513175	37.37	ug/l	0.00
Spiked Amount			Recovery	=	74.74%	
62) 4-Bromofluorobenzene	11.14	95	174718	34.43	ug/l	0.00
Spiked Amount			Recovery	=	68.86%	

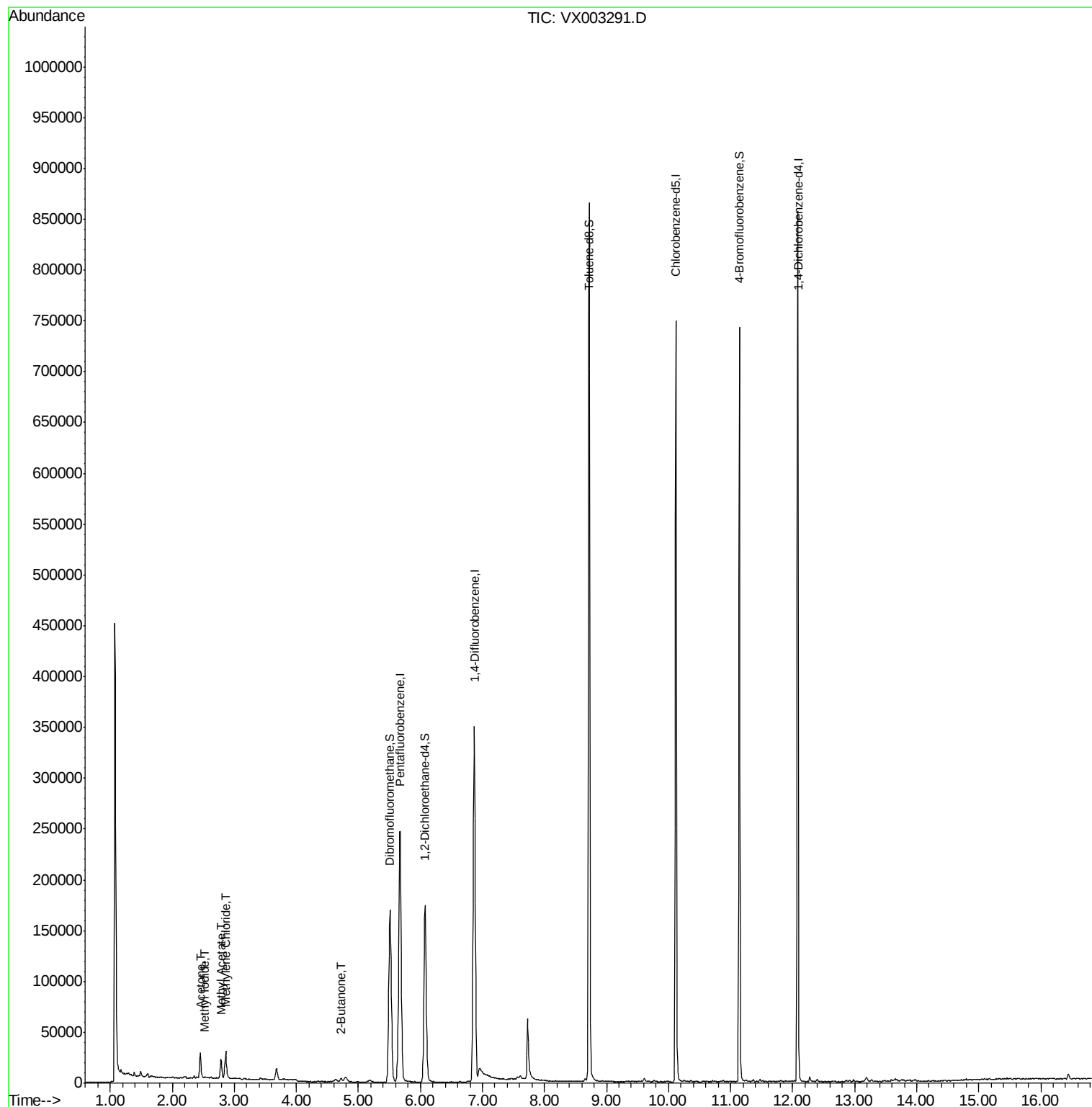
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1787	6.10	ug/l	98
16) Acetone	2.45	43	27884	19.29	ug/l	98
18) Methyl Acetate	2.78	43	23631	5.79	ug/l	98
20) Methylene Chloride	2.86	84	12483	3.56	ug/l	86
25) 2-Butanone	4.72	43	5561	2.17	ug/l	99

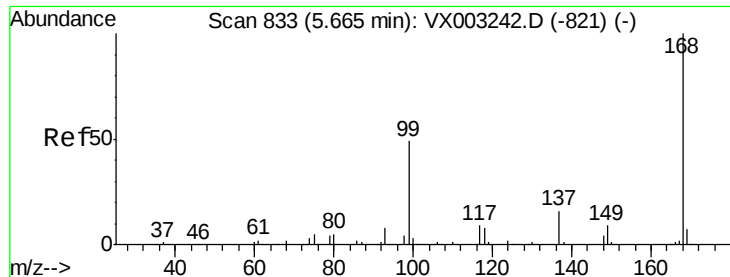
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 09 15:24:16 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003291.D

Acq: 10 Jul 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

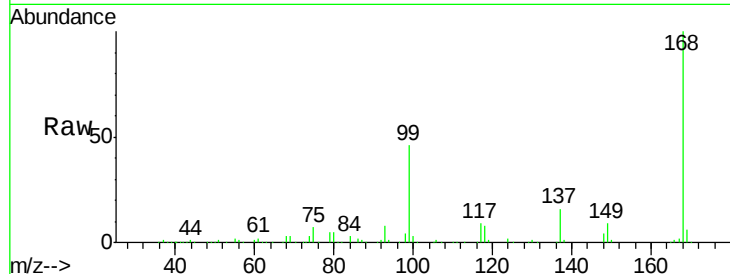
PB110944ZHE#05

Tot Ion:168 Resp: 258723

Ion Ratio Lower Upper

168 100

99 46.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

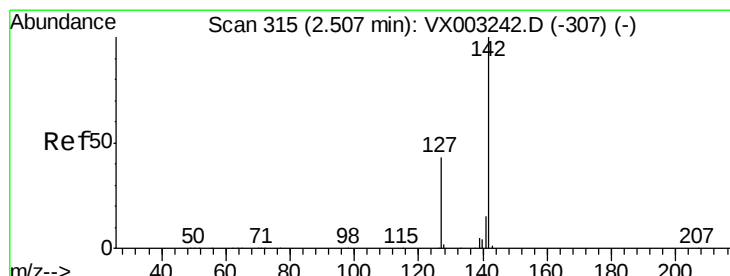
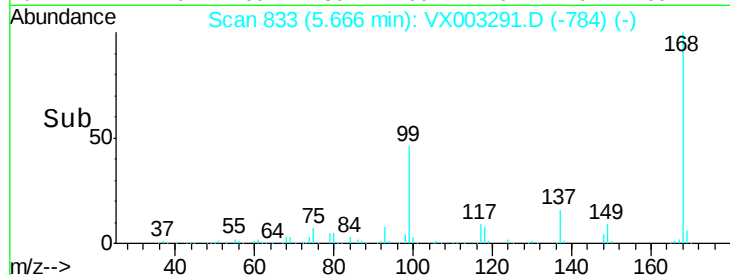
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.10 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003291.D

Acq: 10 Jul 2018 18:22

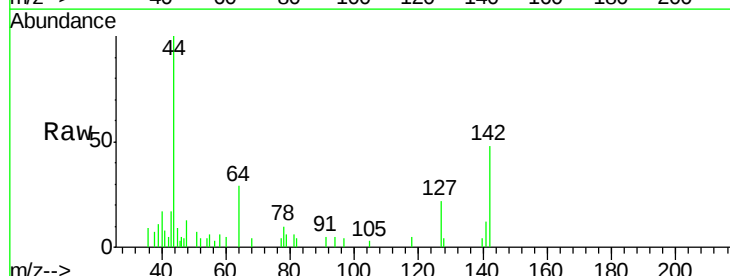
Tgt Ion:142 Resp: 1787

Ion Ratio Lower Upper

142 100

127 44.5 36.6 55.0

141 15.1 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

800

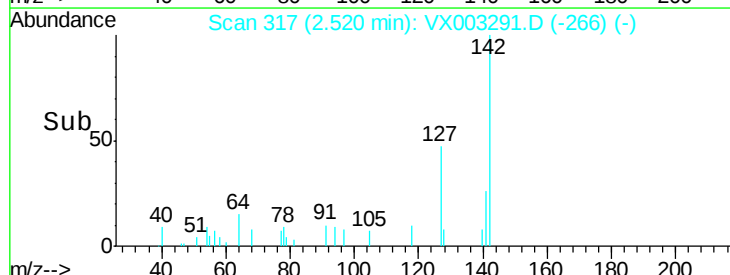
600

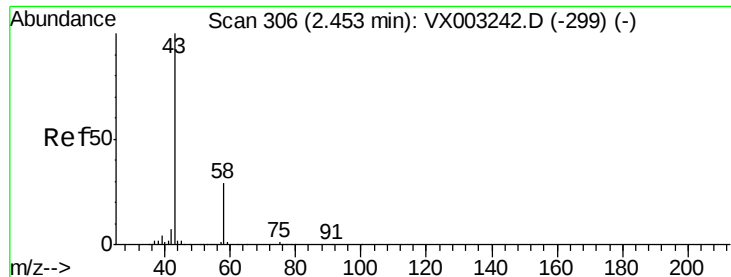
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 19.29 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003291.D

Acq: 10 Jul 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

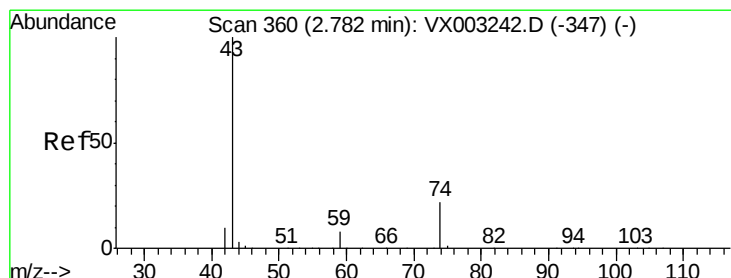
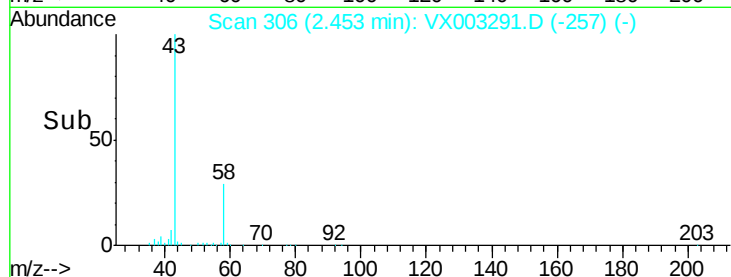
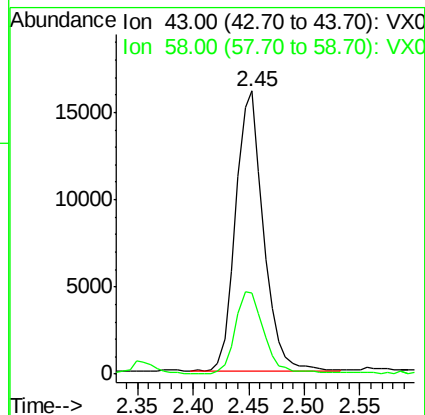
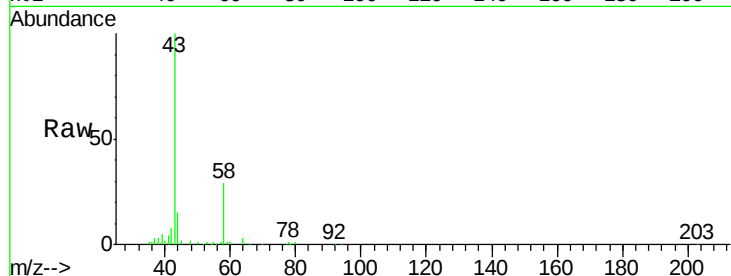
PB110944ZHE#05

Tot Ion: 43 Resp: 27884

Ion Ratio Lower Upper

43 100

58 28.8 22.1 33.1



#18

Methyl Acetate

Concen: 5.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003291.D

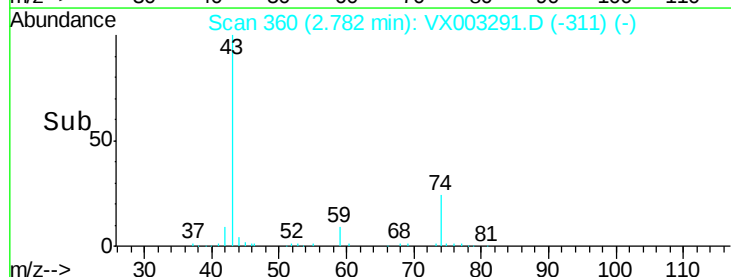
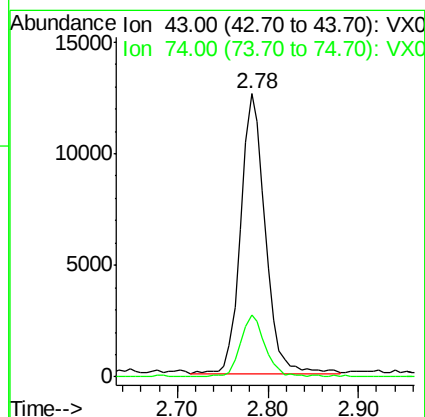
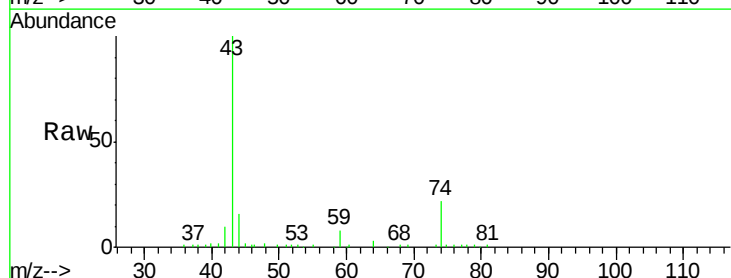
Acq: 10 Jul 2018 18:22

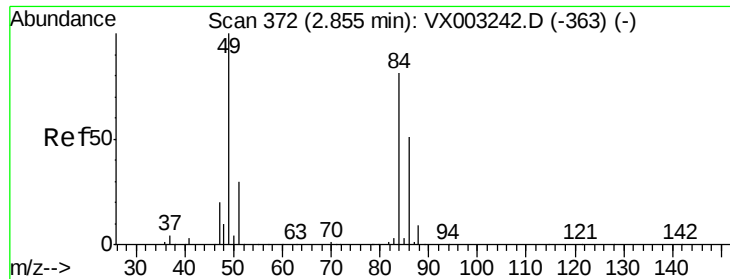
Tgt Ion: 43 Resp: 23631

Ion Ratio Lower Upper

43 100

74 22.1 16.7 25.1

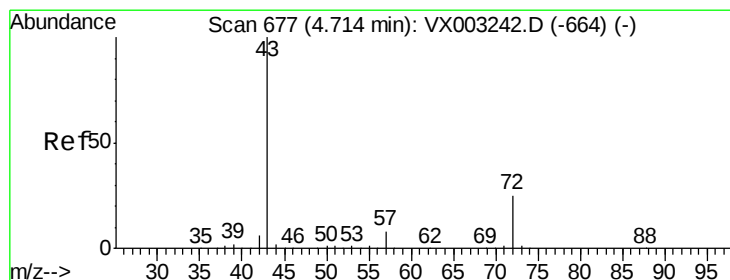
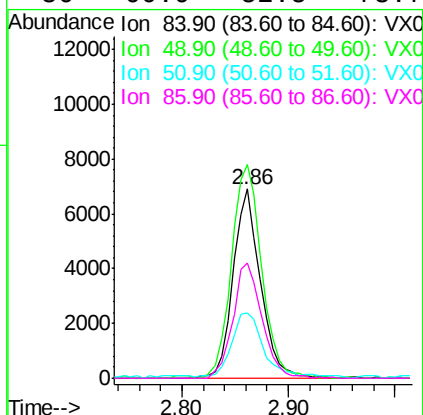
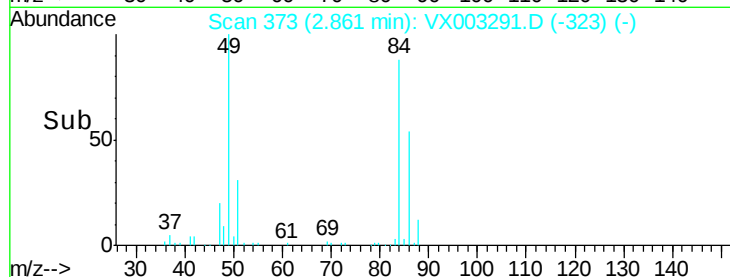
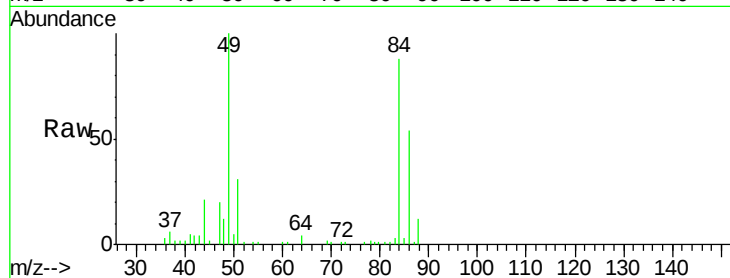




#20
Methvlene Chloride
Concen: 3.56 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003291.D
Acq: 10 Jul 2018 18:22

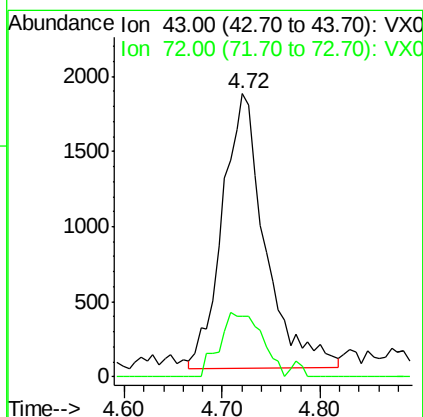
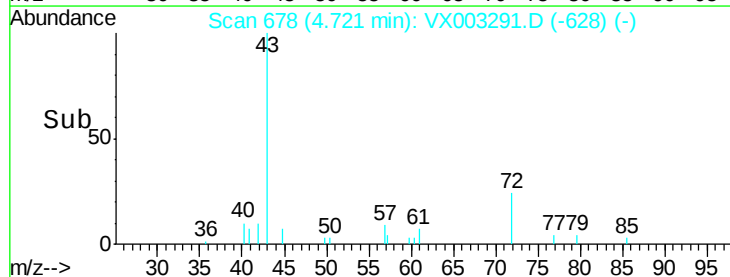
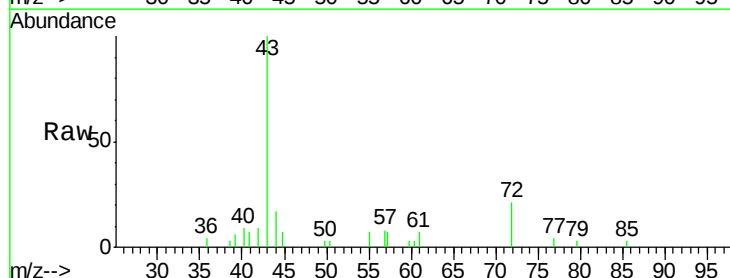
Instrument :
MSVOA_X
ClientSampleId :
PB110944ZHE#05

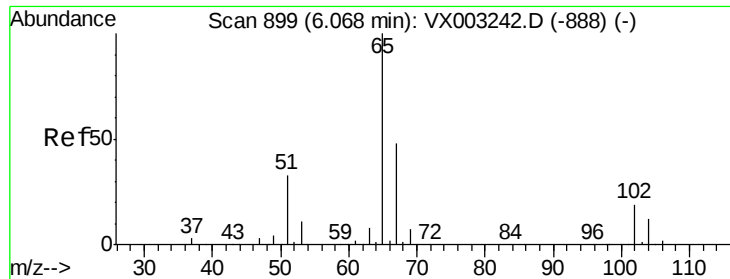
Tot Ion: 84 Resp: 12483
Ion Ratio Lower Upper
84 100
49 113.1 107.8 161.6
51 33.2 32.8 49.2
86 60.9 52.5 78.7



#25
2-Butanone
Concen: 2.17 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003291.D
Acq: 10 Jul 2018 18:22

Tgt Ion: 43 Resp: 5561
Ion Ratio Lower Upper
43 100
72 22.6 18.5 27.7

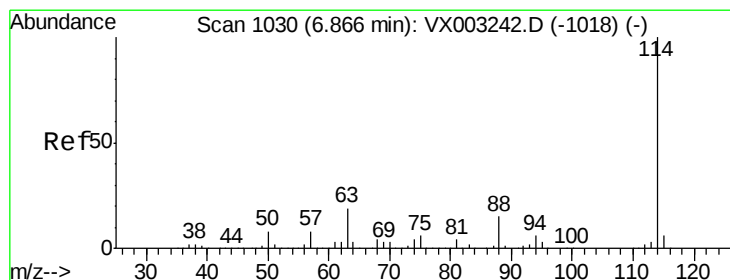
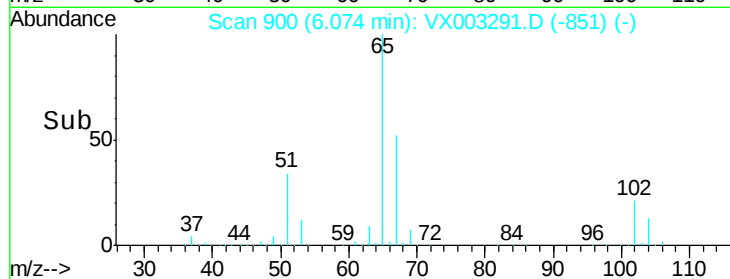
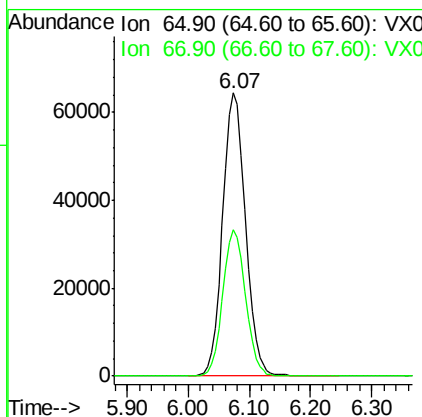
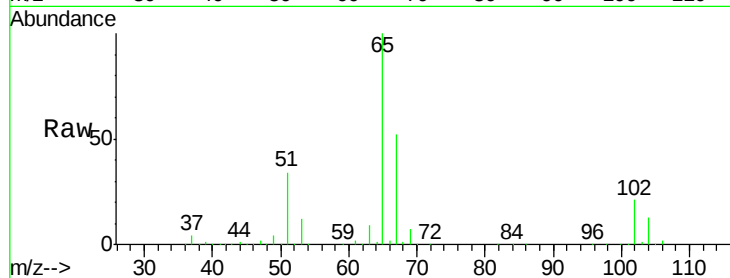




#33
 1,2-Dichloroethane-d4
 Concen: 40.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003291.D
 Acq: 10 Jul 2018 18:22

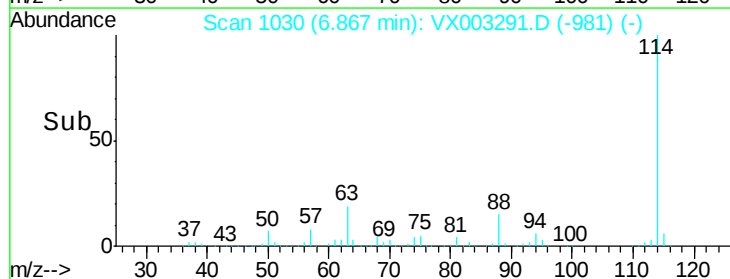
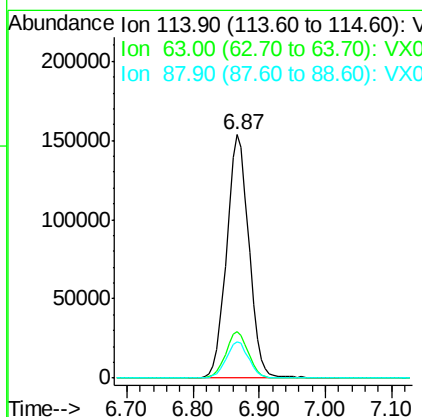
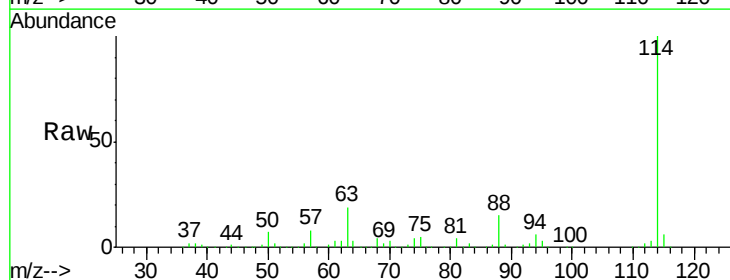
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#05

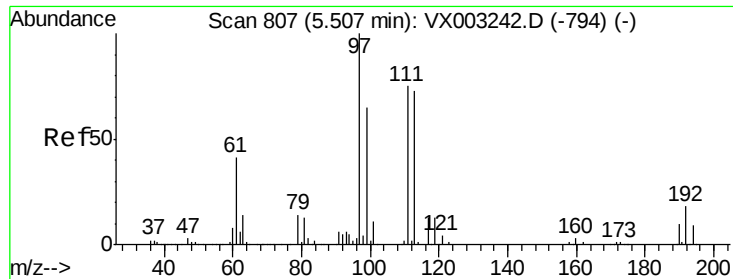
Tot Ion: 65 Resp: 166260
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003291.D
 Acq: 10 Jul 2018 18:22

Tgt Ion: 114 Resp: 359900
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 14.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.72 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003291.D

Acq: 10 Jul 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

PB110944ZHE#05

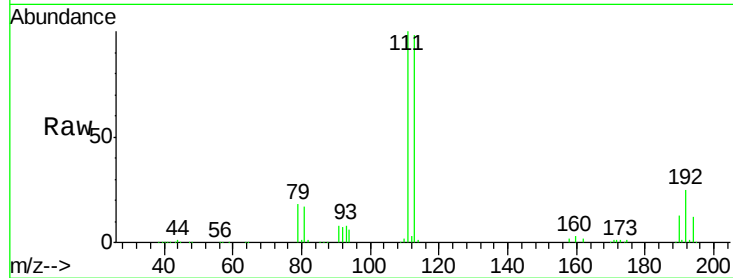
Tot Ion:113 Resp: 141972

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

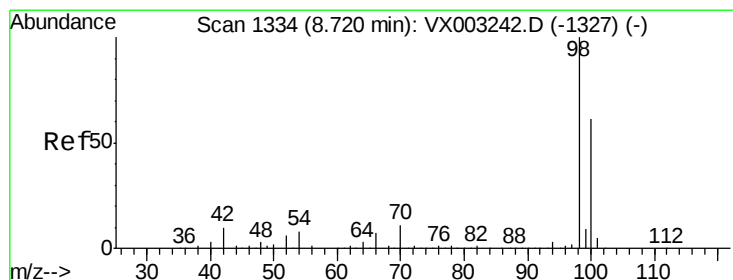
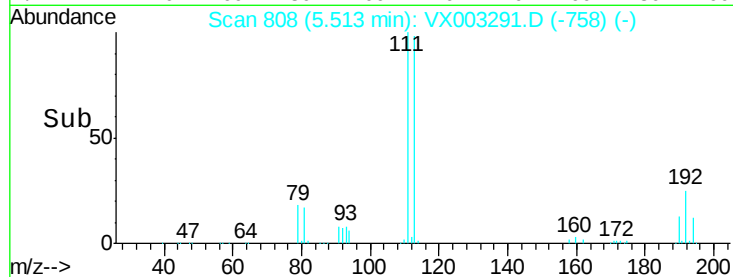
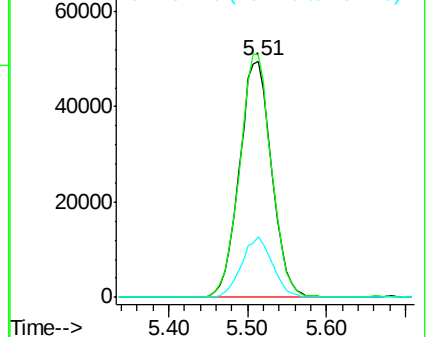
192 24.4 19.1 28.7



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: 37.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003291.D

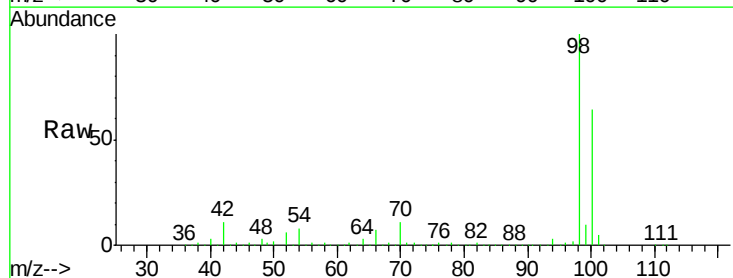
Acq: 10 Jul 2018 18:22

Tgt Ion: 98 Resp: 513175

Ion Ratio Lower Upper

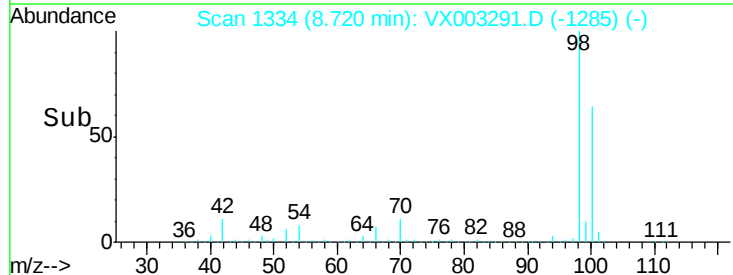
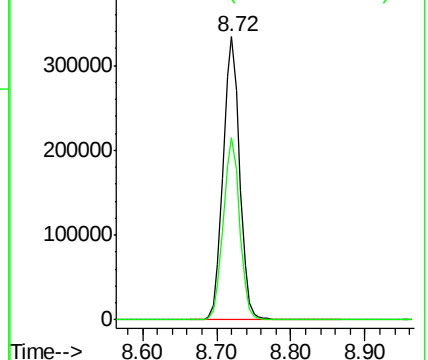
98 100

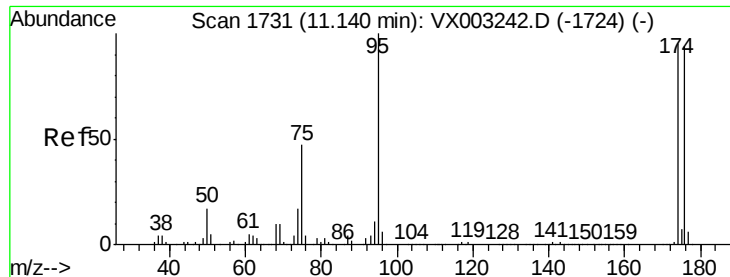
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

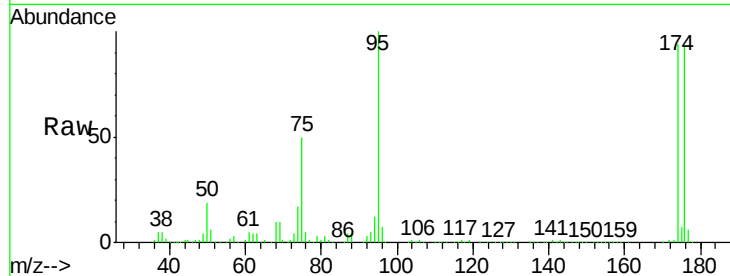




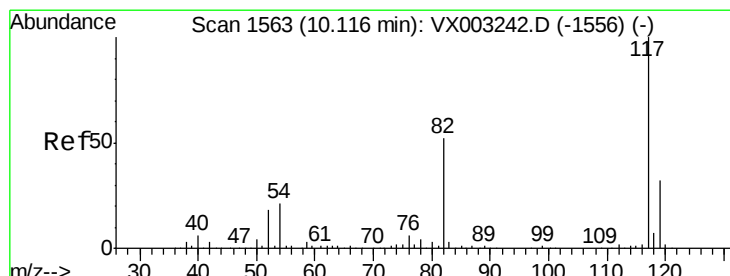
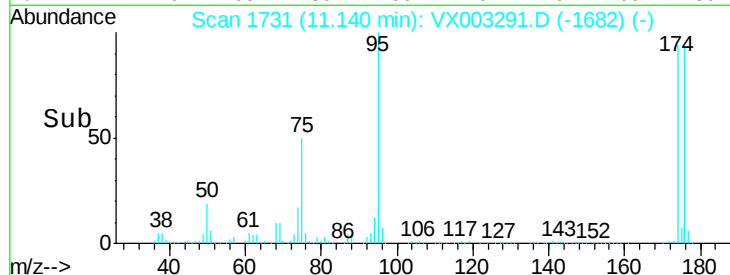
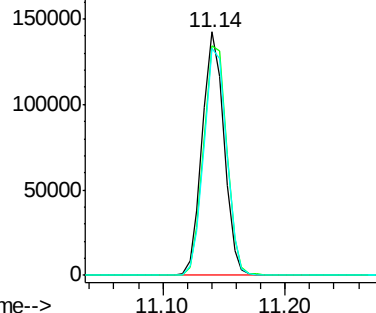
#62
4-Bromofluorobenzene
Concen: 34.43 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003291.D
Acq: 10 Jul 2018 18:22

Instrument :
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PB110944ZHE#05

Tot Ion: 95 Resp: 174718
Ion Ratio Lower Upper
95 100
174 100.7 0.0 187.4
176 97.8 0.0 181.0

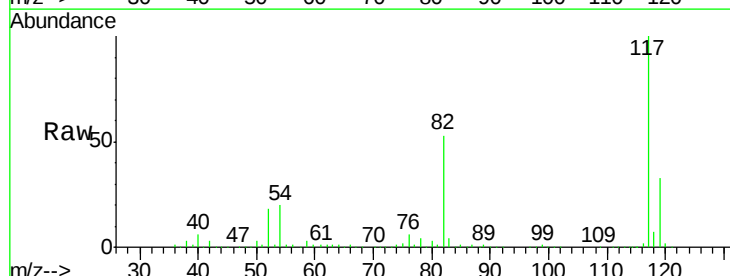


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

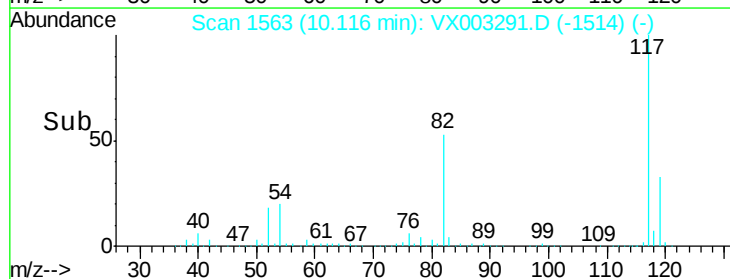
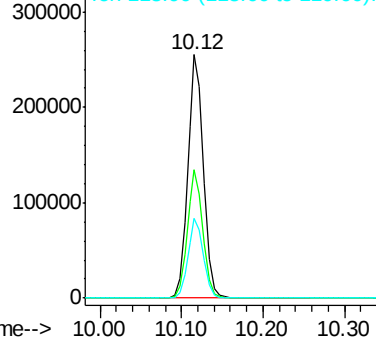


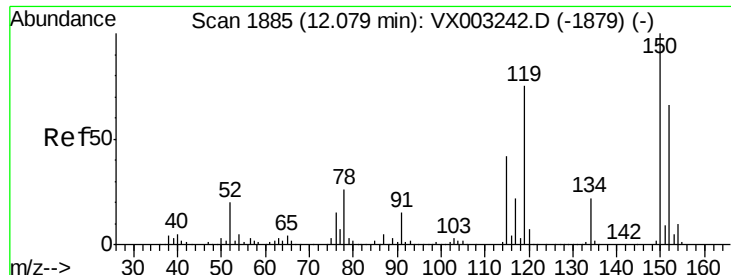
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003291.D
Acq: 10 Jul 2018 18:22

Tgt Ion: 117 Resp: 343541
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 32.6 25.8 38.6



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. 0.01 min

Lab File: VX003291.D

Acq: 10 Jul 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

PB110944ZHE#05

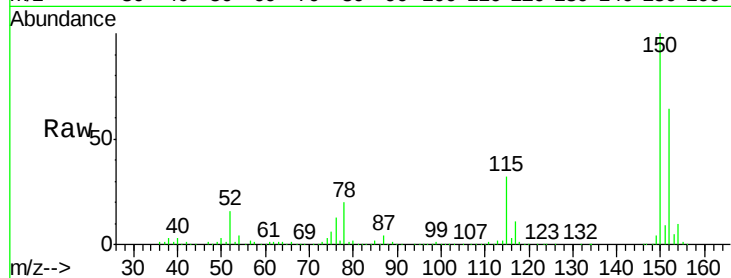
Tot Ion:152 Resp: 194757

Ion Ratio Lower Upper

152 100

115 52.8 40.1 120.2

150 157.5 0.0 347.2



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

