

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003292.D
 Acq On : 10 Jul 2018 18:49
 Operator : JC/MD
 Sample : PB110944ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110944ZHE#06

Quant Time: Jul 11 01:15:15 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	254793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196035	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	164927	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
35) Dibromofluoromethane	5.51	113	138562	36.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.40%	
50) Toluene-d8	8.72	98	511879	37.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.30%	
62) 4-Bromofluorobenzene	11.14	95	173977	34.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.26%	

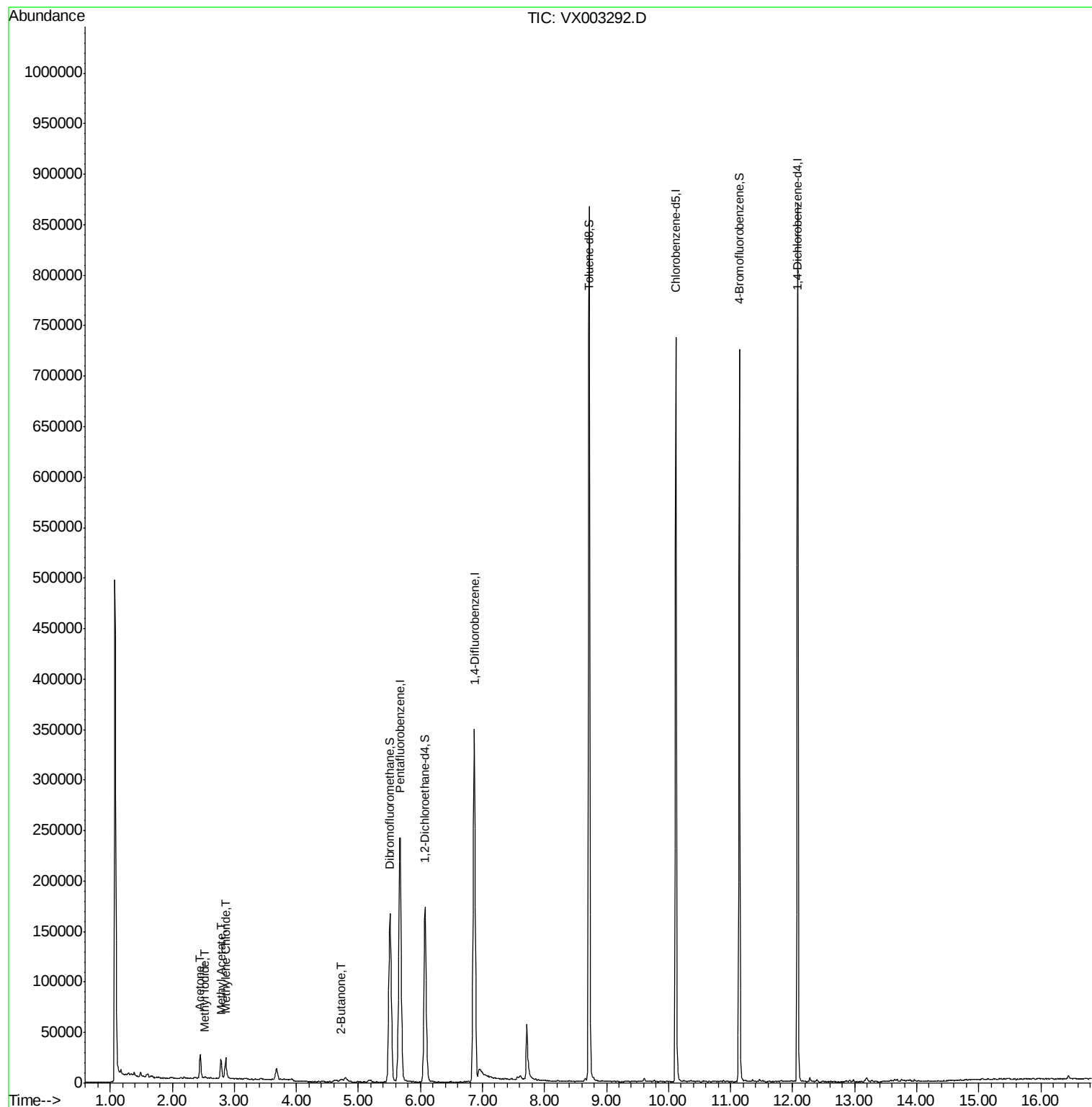
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	1667	6.08	ug/l	# 96
16) Acetone	2.45	43	27139	19.06	ug/l	95
18) Methyl Acetate	2.78	43	23113	5.76	ug/l	95
20) Methylene Chloride	2.86	84	9194	2.48	ug/l	97
25) 2-Butanone	4.72	43	4961	1.97	ug/l	92

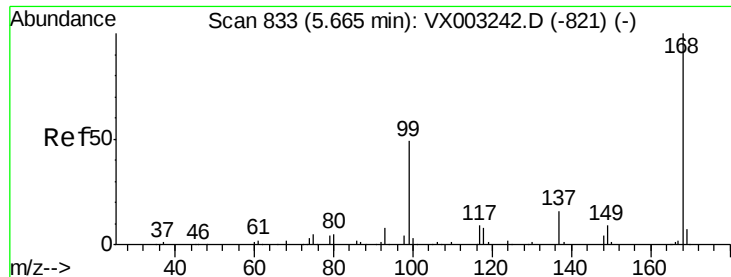
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003292.D

Acq: 10 Jul 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

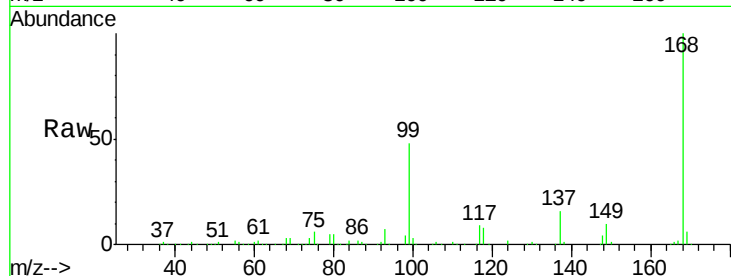
PB110944ZHE#06

Tot Ion:168 Resp: 254793

Ion Ratio Lower Upper

168 100

99 47.7 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

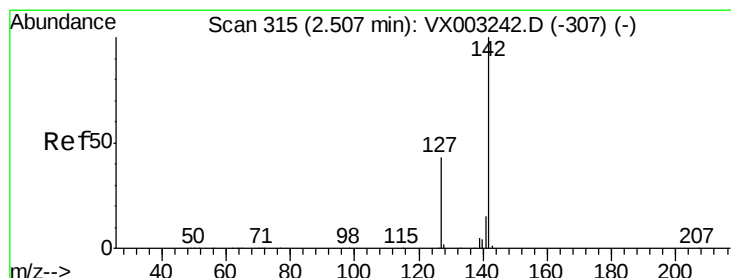
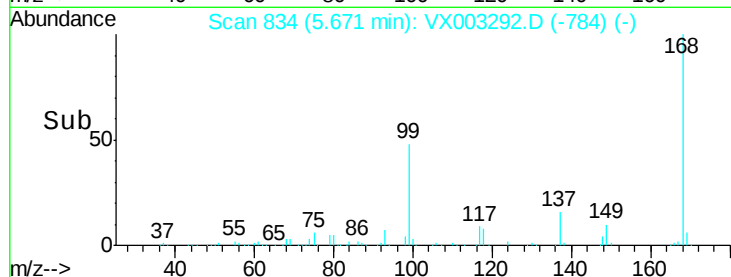
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.08 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.02 min

Lab File: VX003292.D

Acq: 10 Jul 2018 18:49

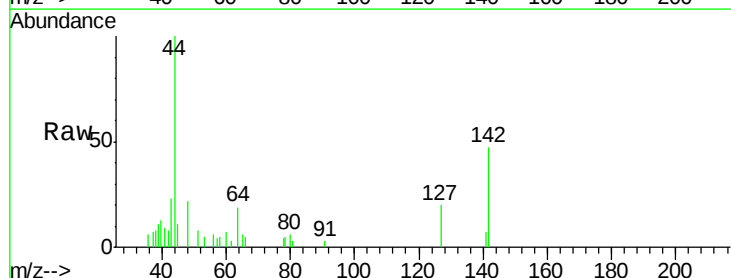
Tgt Ion:142 Resp: 1667

Ion Ratio Lower Upper

142 100

127 47.3 36.6 55.0

141 17.1 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

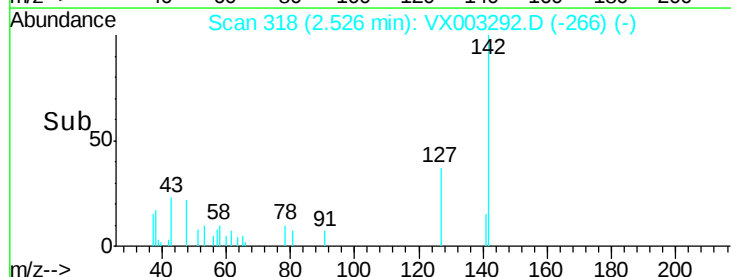
600

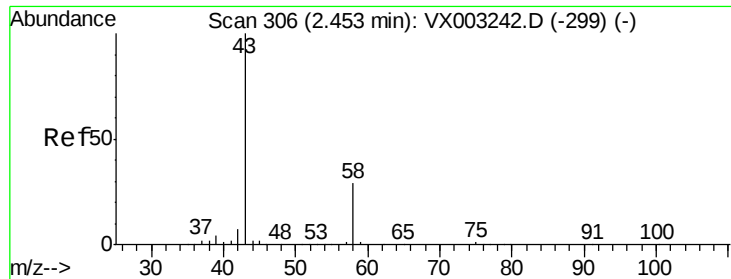
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 19.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003292.D

Acq: 10 Jul 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

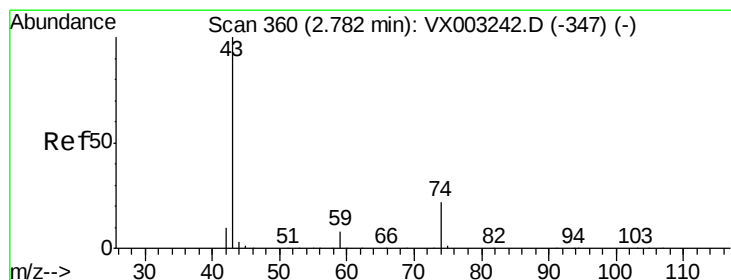
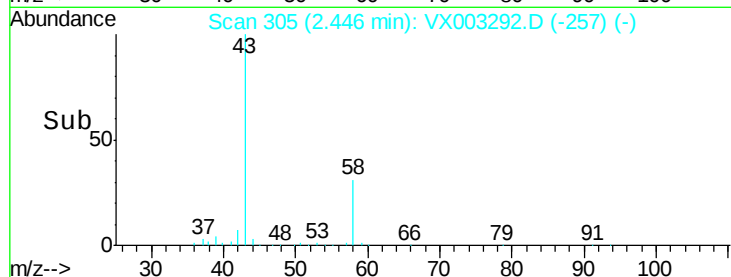
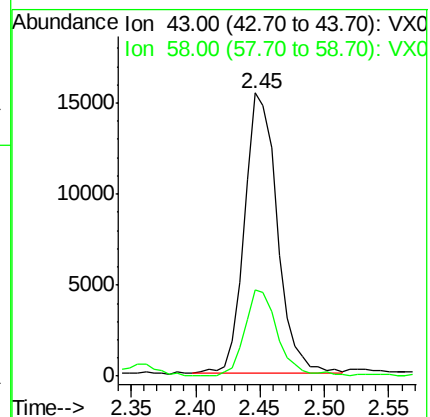
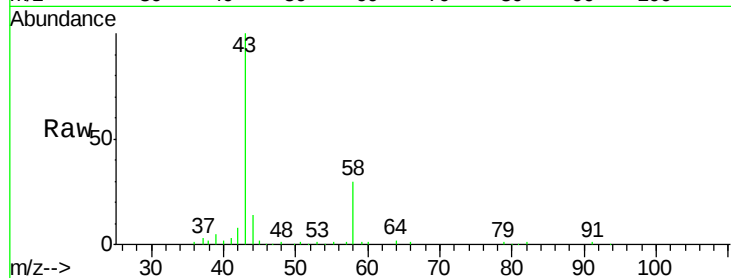
PB110944ZHE#06

Tot Ion: 43 Resp: 27139

Ion Ratio Lower Upper

43 100

58 30.3 22.1 33.1



#18

Methyl Acetate

Concen: 5.76 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003292.D

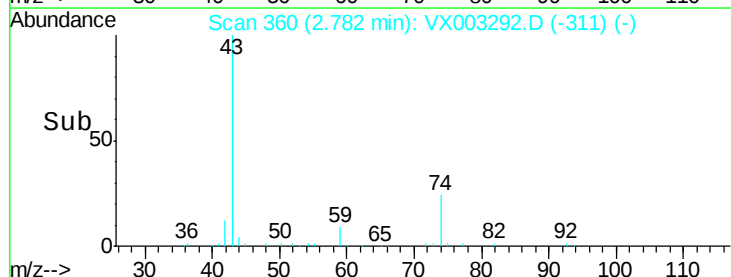
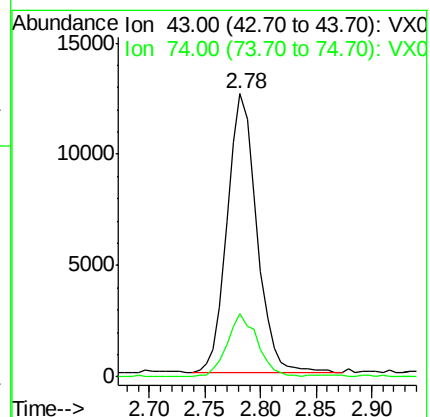
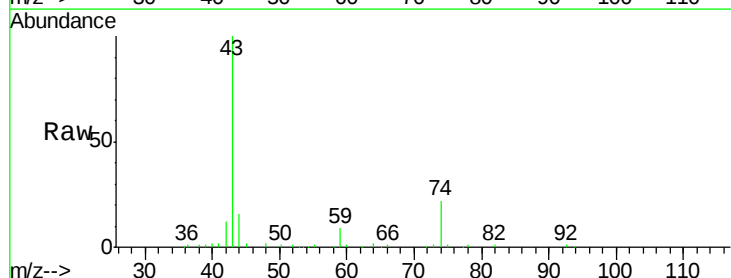
Acq: 10 Jul 2018 18:49

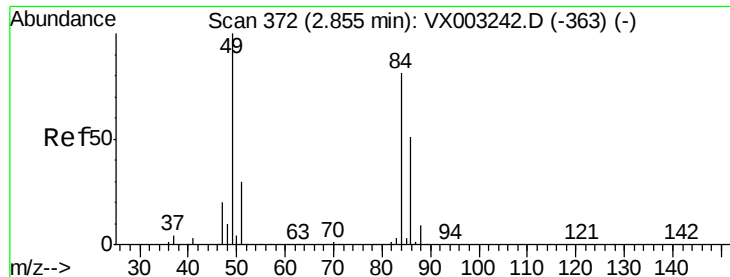
Tgt Ion: 43 Resp: 23113

Ion Ratio Lower Upper

43 100

74 23.3 16.7 25.1

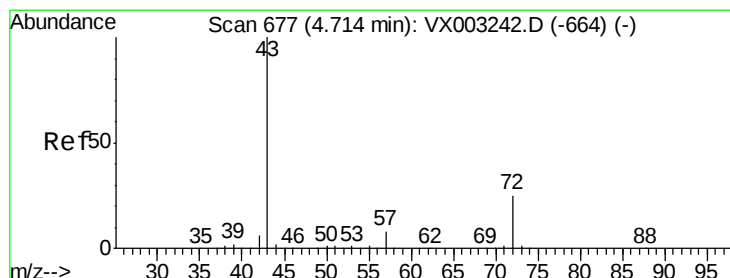
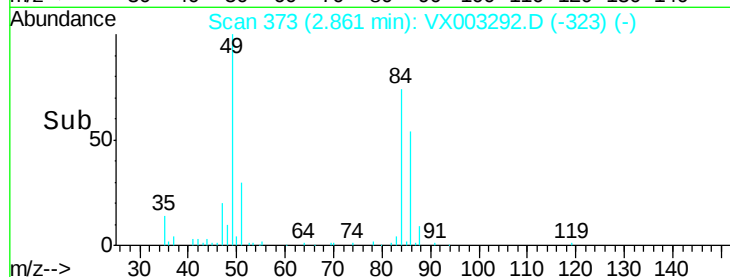
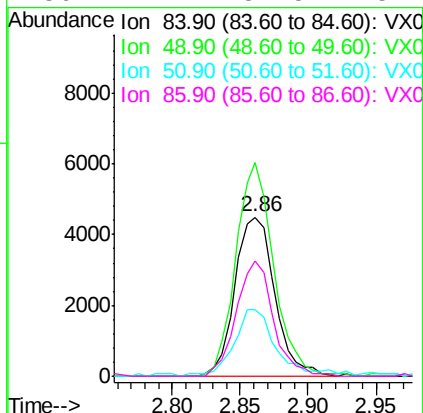
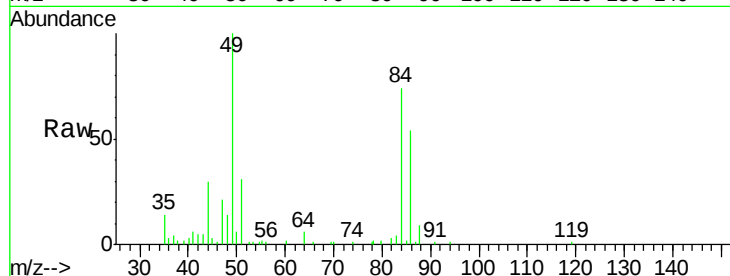




#20
Methvlene Chloride
Concen: 2.48 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003292.D
Acq: 10 Jul 2018 18:49

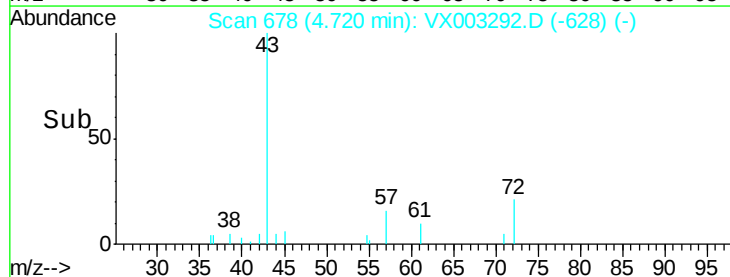
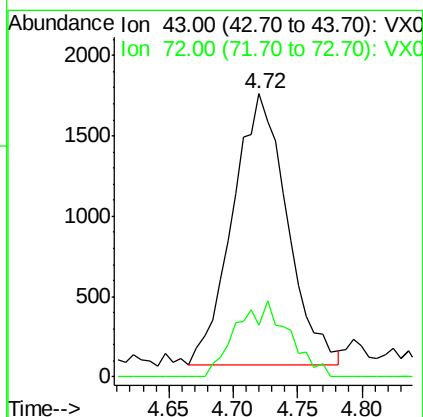
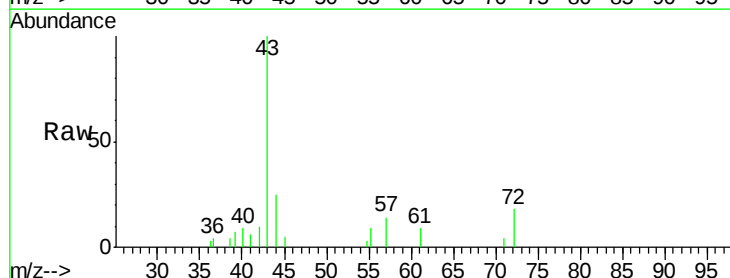
Instrument :
MSVOA_X
ClientSampleId :
PB110944ZHE#06

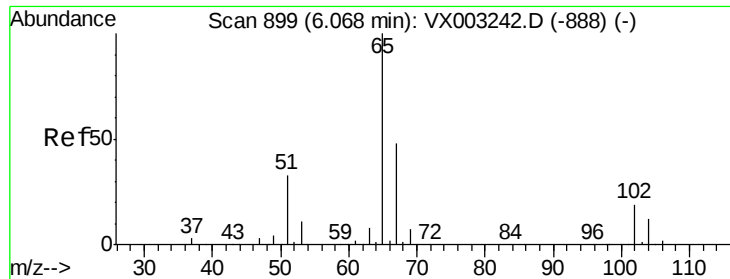
Tot Ion: 84 Resp: 9194
Ion Ratio Lower Upper
84 100
49 134.4 107.8 161.6
51 40.3 32.8 49.2
86 72.2 52.5 78.7



#25
2-Butanone
Concen: 1.97 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003292.D
Acq: 10 Jul 2018 18:49

Tgt Ion: 43 Resp: 4961
Ion Ratio Lower Upper
43 100
72 19.3 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 41.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003292.D

Acq: 10 Jul 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

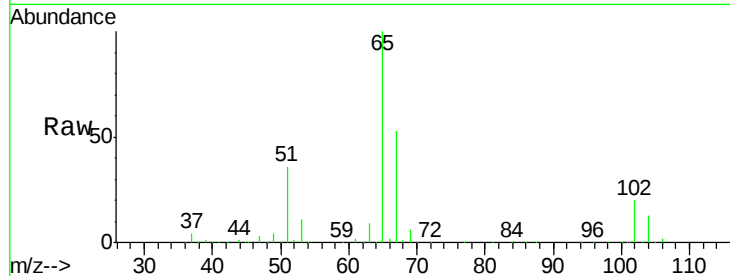
PB110944ZHE#06

Tot Ion: 65 Resp: 164927

Ion Ratio Lower Upper

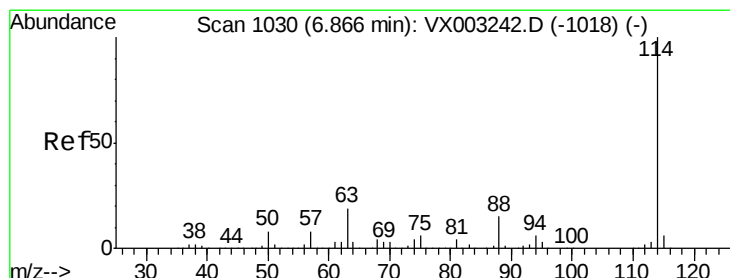
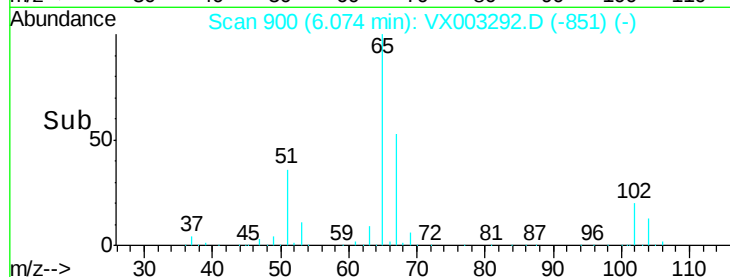
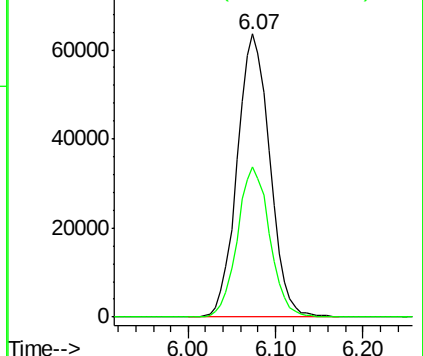
65 100

67 52.4 0.0 102.6



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: VX003292.D

Acq: 10 Jul 2018 18:49

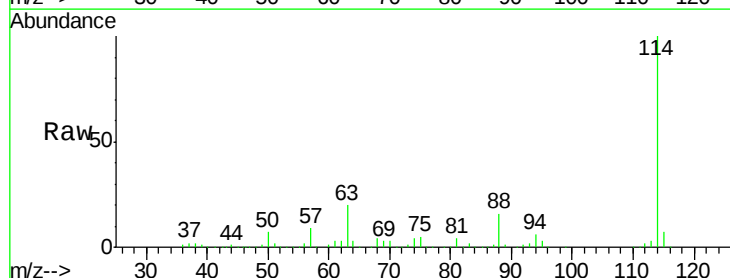
Tgt Ion: 114 Resp: 356248

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

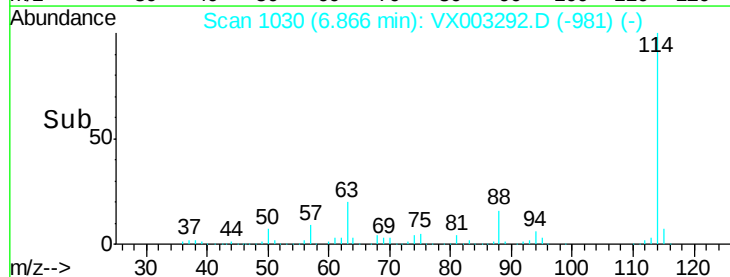
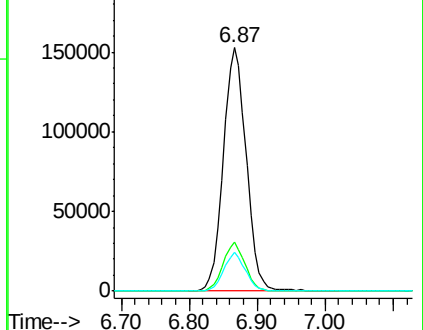
88 15.7 0.0 30.0

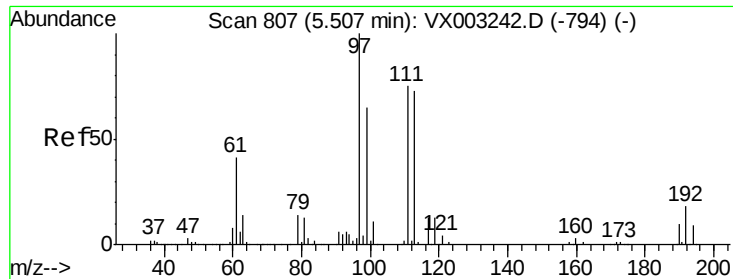


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

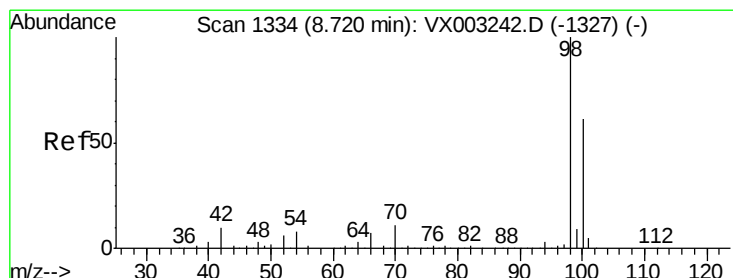
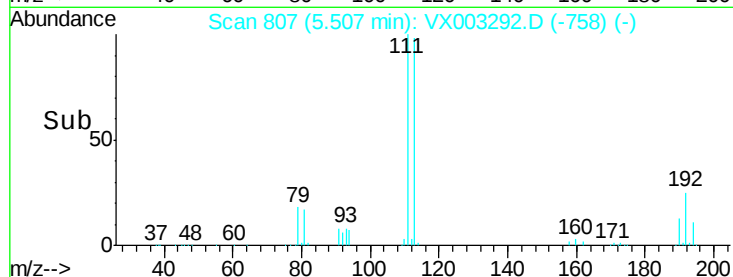
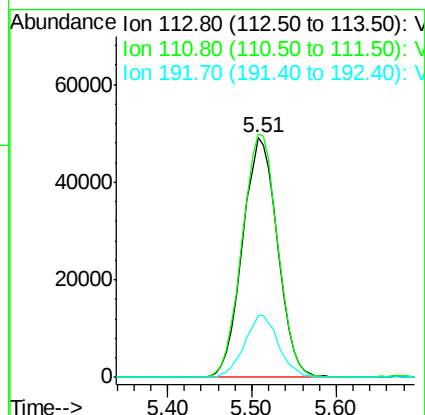
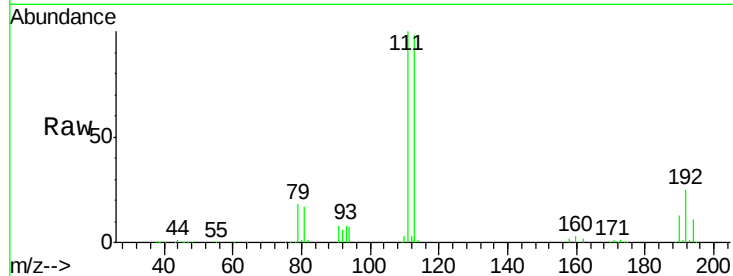




#35
 Dibromofluoromethane
 Concen: 36.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003292.D
 Acq: 10 Jul 2018 18:49

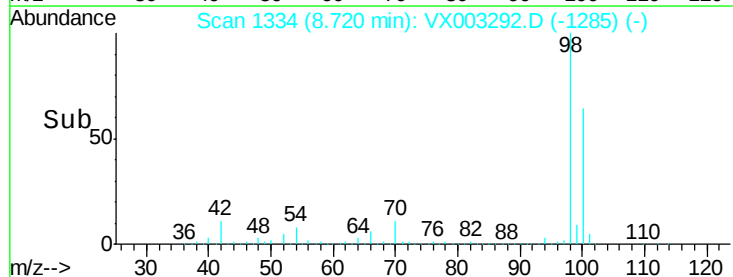
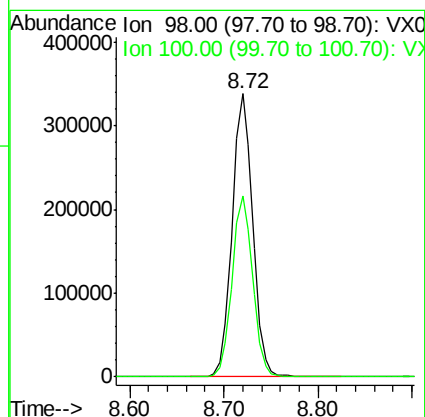
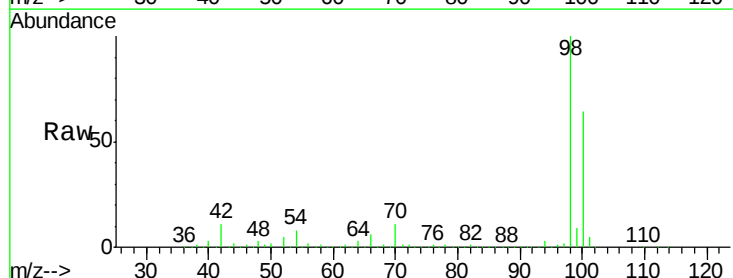
Instrument :
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 ClientSampleId :
 PB110944ZHE#06

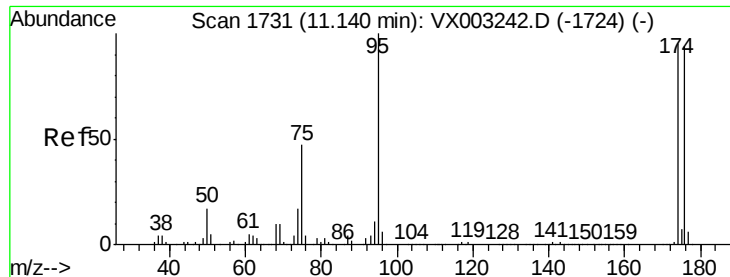
Tot Ion:113 Resp: 138562
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 25.3 19.1 28.7



#50
 Toluene-d8
 Concen: 37.65 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX003292.D
 Acq: 10 Jul 2018 18:49

Tgt Ion: 98 Resp: 511879
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 34.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003292.D

Acq: 10 Jul 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

PB110944ZHE#06

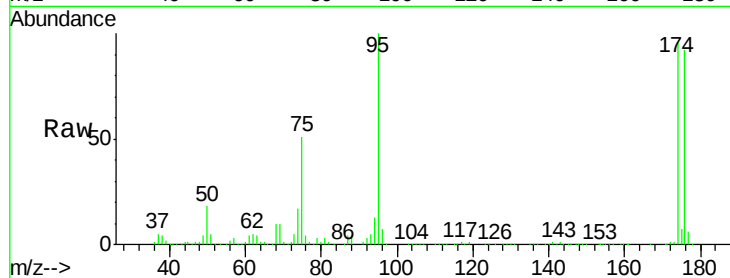
Tot Ion: 95 Resp: 173977

Ion Ratio Lower Upper

95 100

174 100.3 0.0 187.4

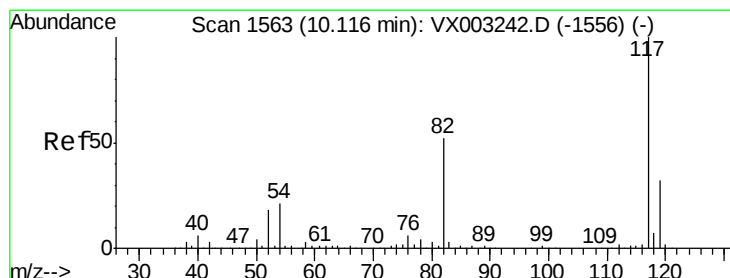
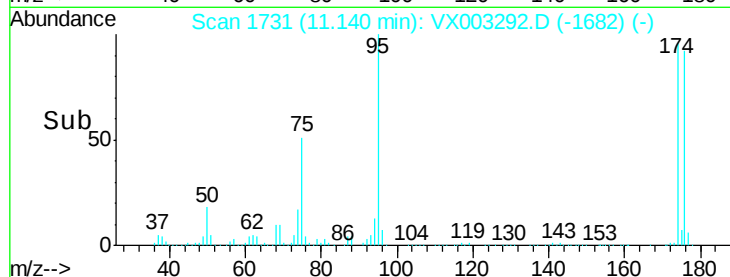
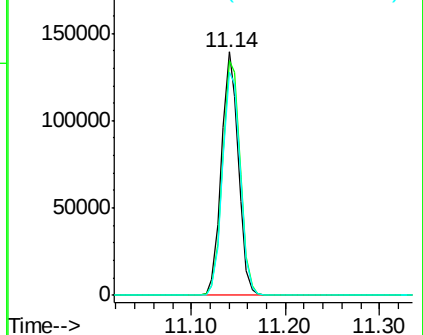
176 96.0 0.0 181.0



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: VX003292.D

Acq: 10 Jul 2018 18:49

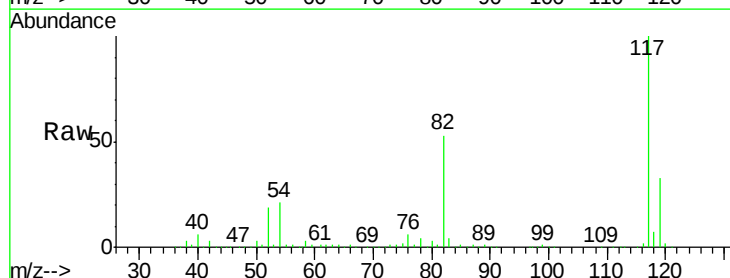
Tgt Ion: 117 Resp: 331141

Ion Ratio Lower Upper

117 100

82 53.2 45.0 67.4

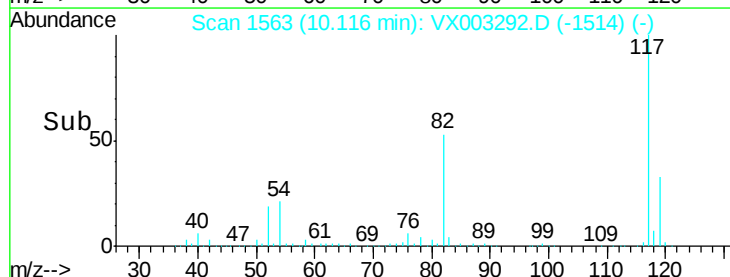
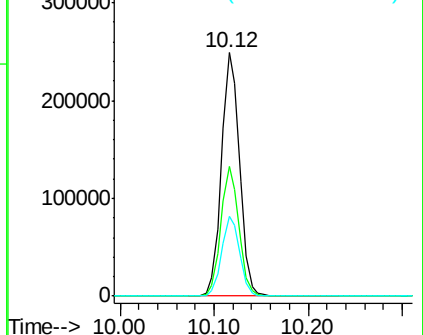
119 32.9 25.8 38.6

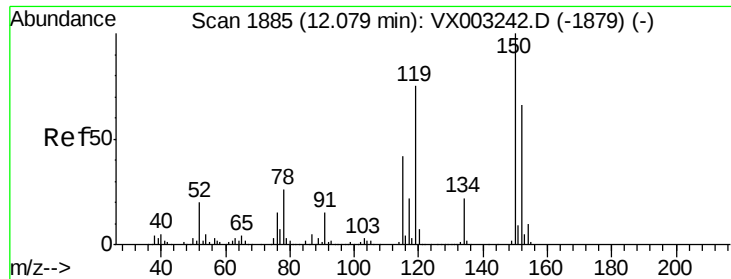


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003292.D

Acq: 10 Jul 2018 18:49

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PB110944ZHE#06

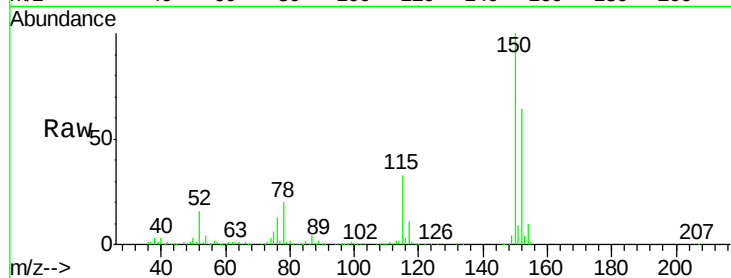
Tot Ion:152 Resp: 196035

Ion Ratio Lower Upper

152 100

115 52.9 40.1 120.2

150 156.2 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

