

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001296.D
 Acq On : 02 May 2018 00:20
 Operator : JC/MD
 Sample : PB108752TBZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#04

Quant Time: May 02 06:38:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	230896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	118030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	104787	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
35) Dibromofluoromethane	5.51	113	86691	43.58	ug/l	0.00
Spiked Amount			Recovery	=	87.16%	
50) Toluene-d8	8.72	98	324613	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	
62) 4-Bromofluorobenzene	11.14	95	106136	37.34	ug/l	0.00
Spiked Amount			Recovery	=	74.68%	

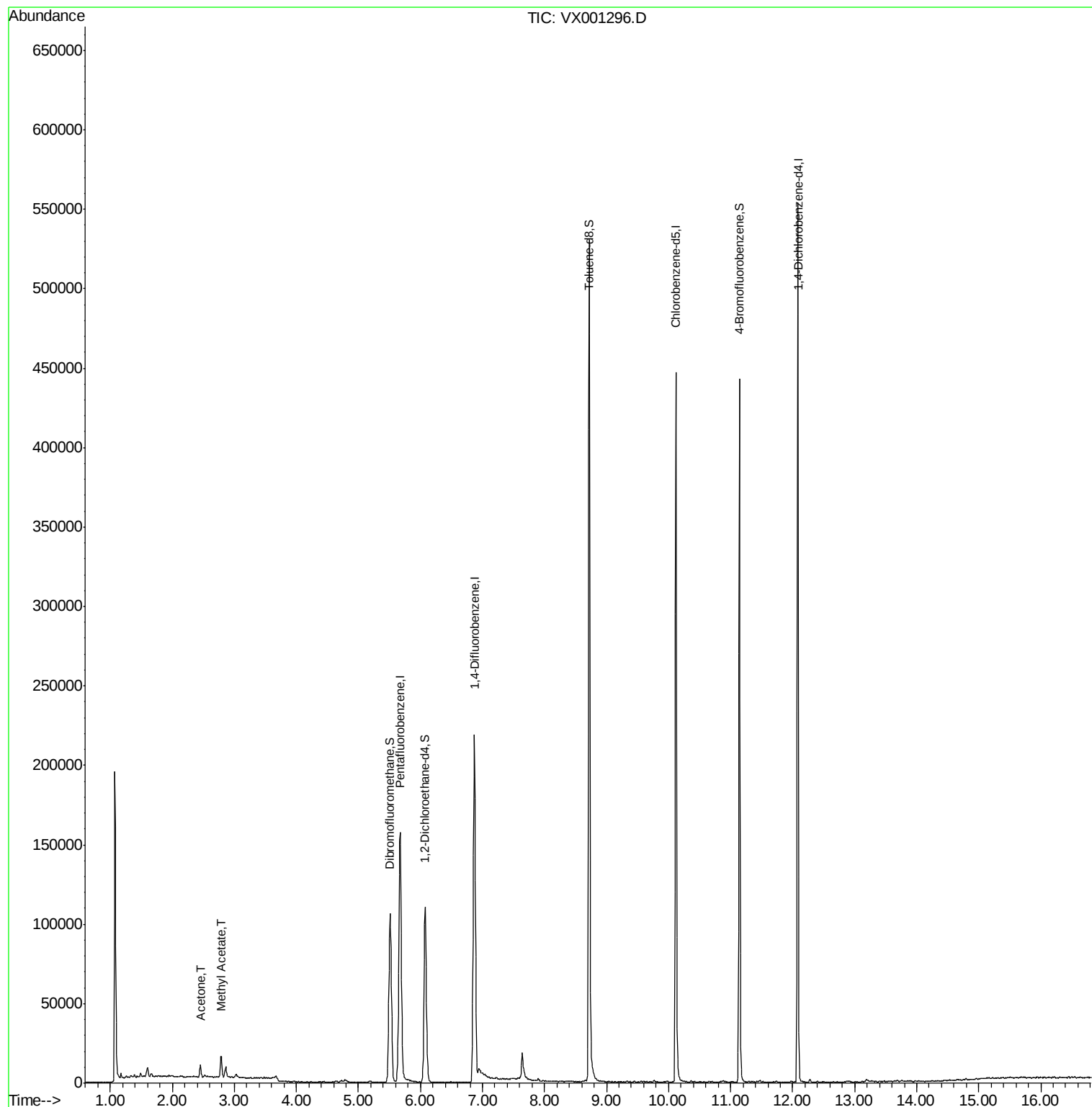
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	8344	8.28	ug/l	100
18) Methyl Acetate	2.79	43	15801	6.64	ug/l	97

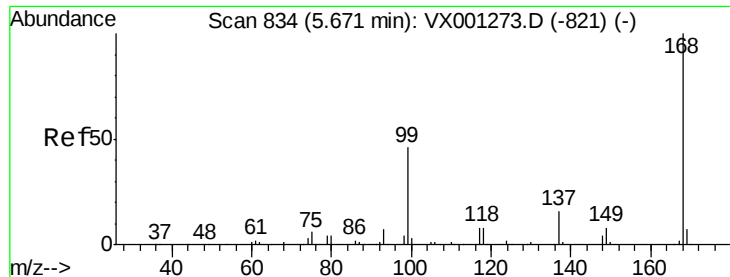
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001296.D

Acq: 02 May 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

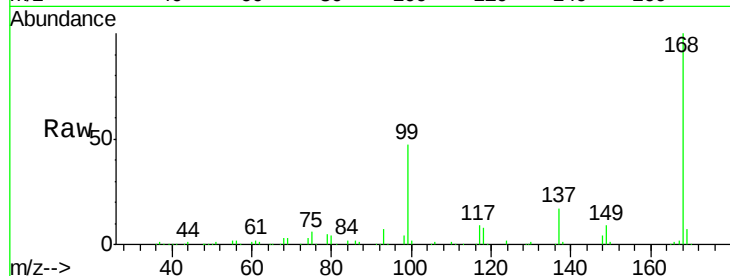
PB108752TBZHE#04

Tot Ion:168 Resp: 170510

Ion Ratio Lower Upper

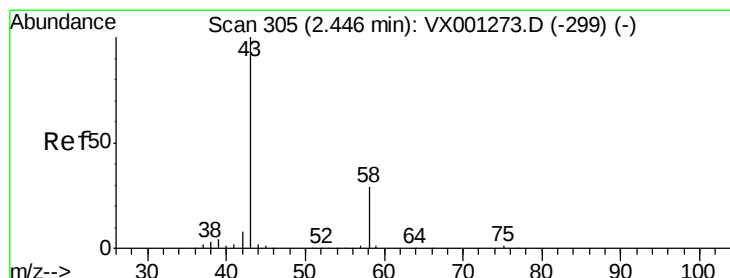
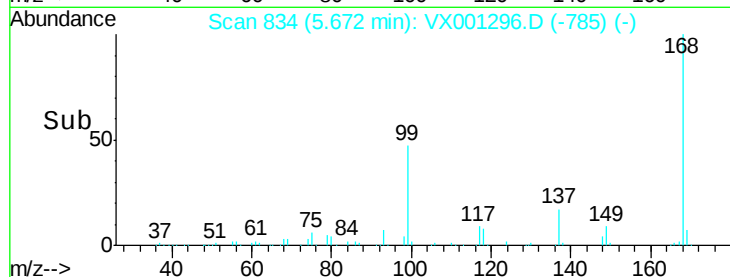
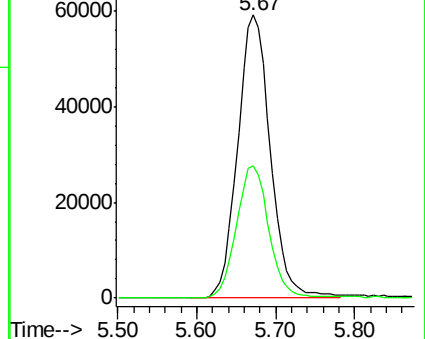
168 100

99 46.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.28 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001296.D

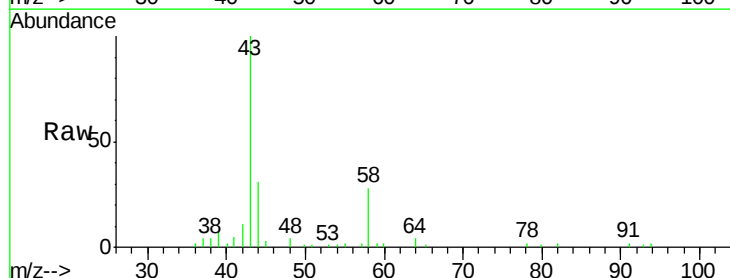
Acq: 02 May 2018 00:20

Tgt Ion: 43 Resp: 8344

Ion Ratio Lower Upper

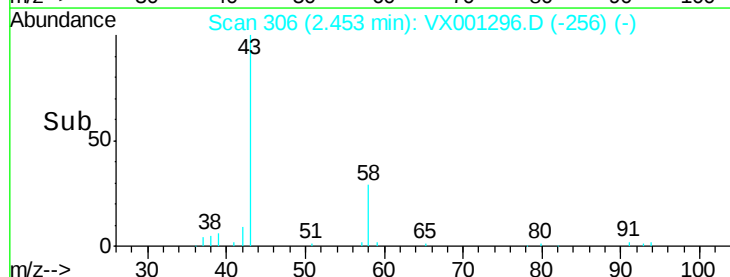
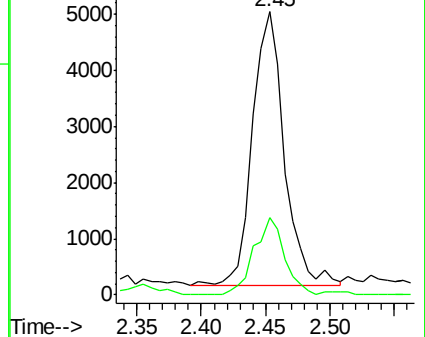
43 100

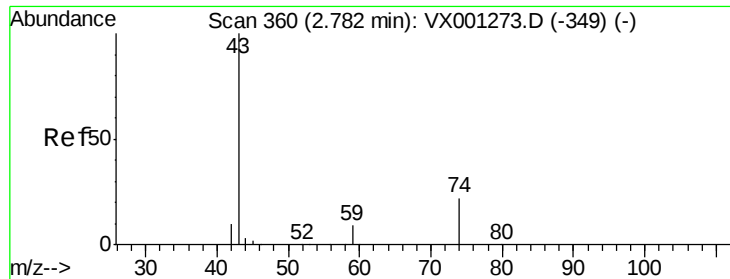
58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

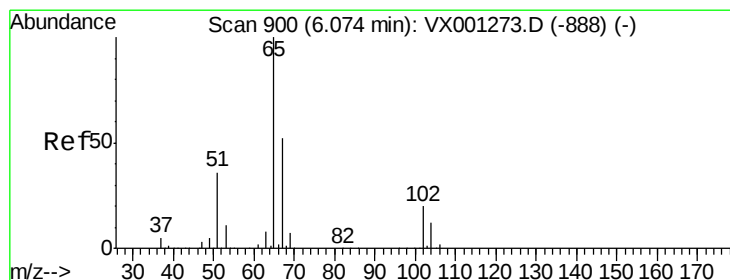
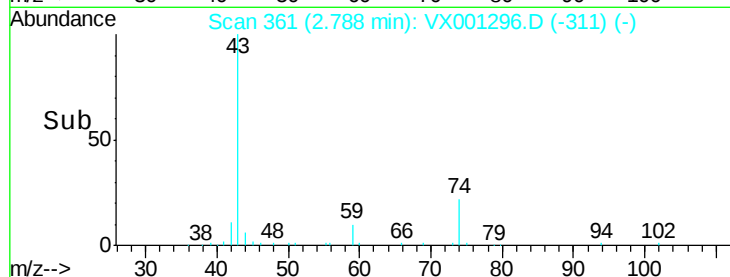
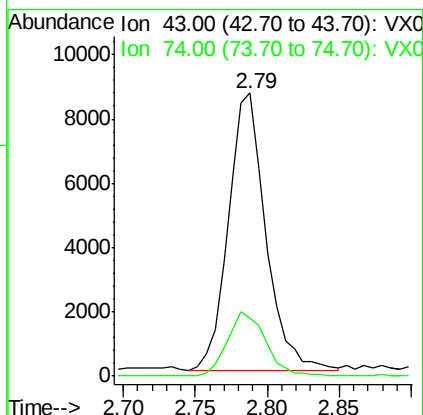
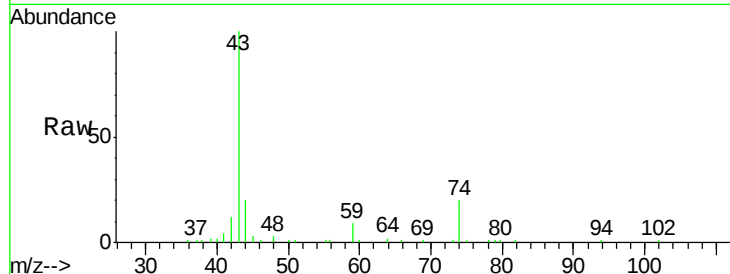




#18
Methvl Acetate
Concen: 6.64 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001296.D
Acq: 02 May 2018 00:20

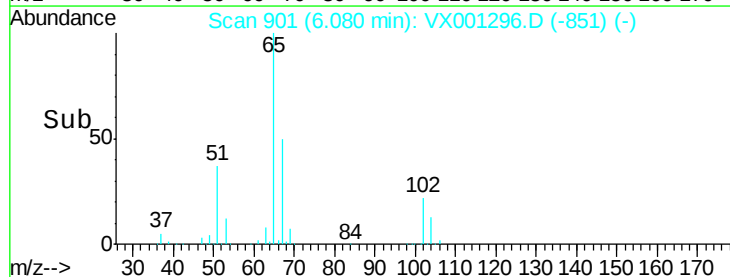
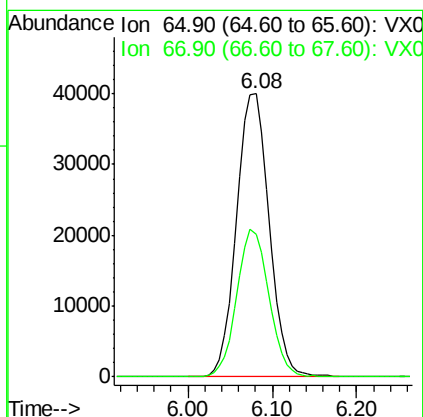
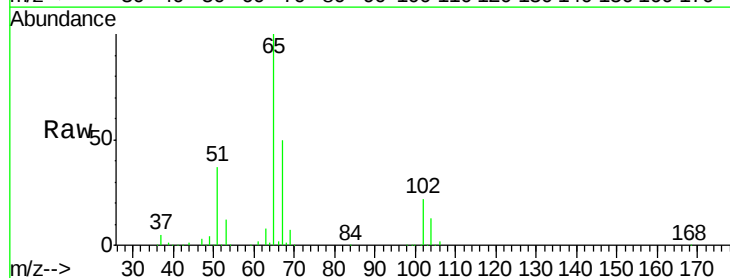
Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#04

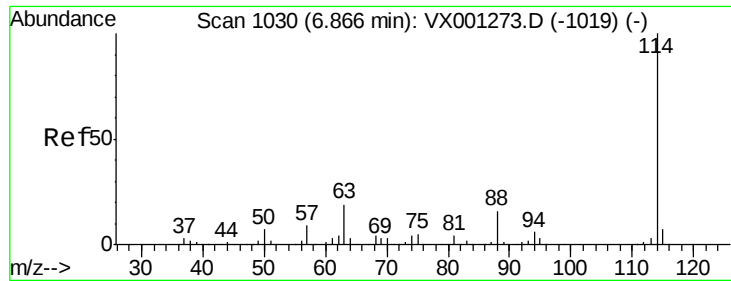
Tot Ion: 43 Resp: 15801
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.6



#33
1,2-Dichloroethane-d4
Concen: 44.40 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001296.D
Acq: 02 May 2018 00:20

Tgt Ion: 65 Resp: 104787
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8

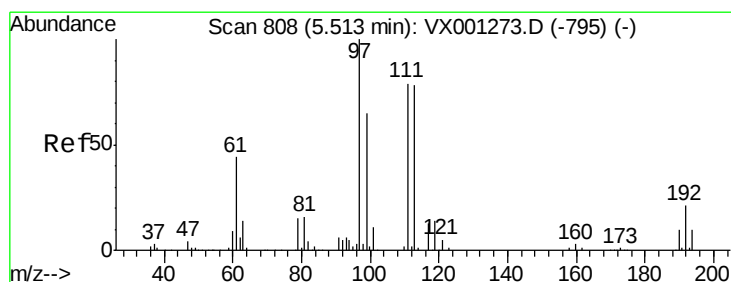
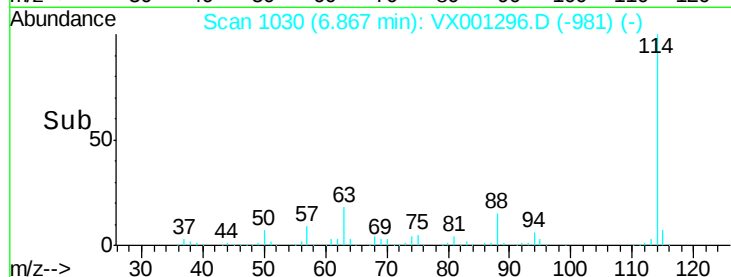
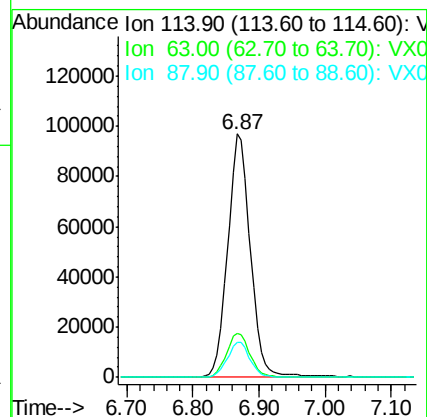
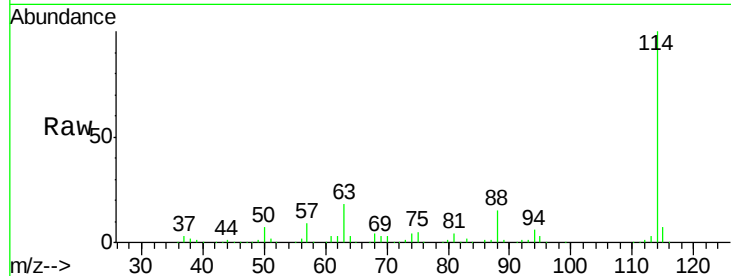




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001296.D
 Acq: 02 May 2018 00:20

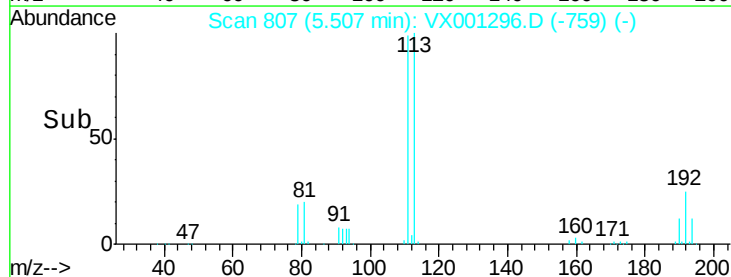
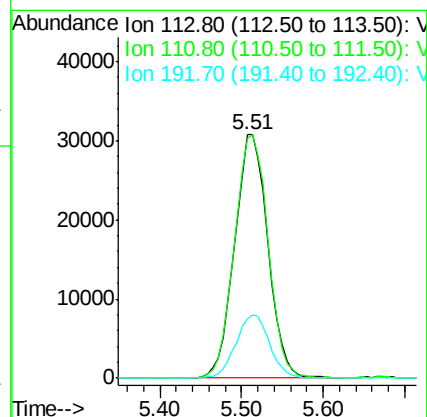
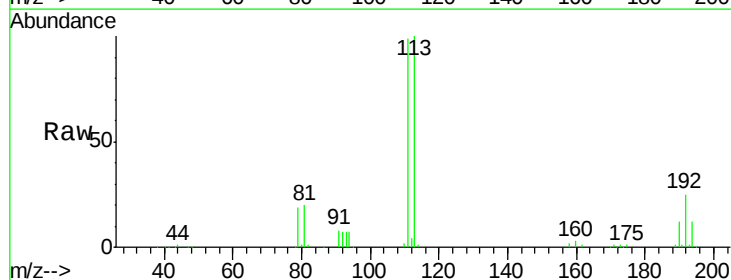
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#04

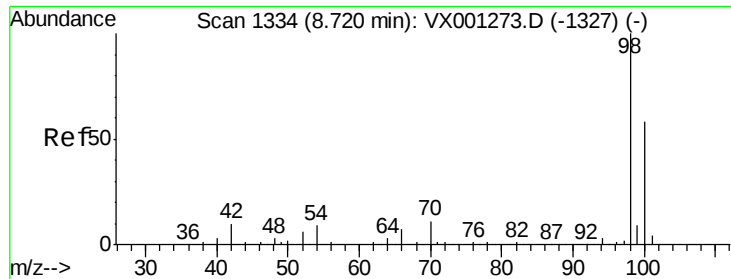
Tot Ion:114 Resp: 230896
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.8
 88 14.6 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 43.58 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001296.D
 Acq: 02 May 2018 00:20

Tgt Ion:113 Resp: 86691
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.2 121.8
 192 26.0 20.7 31.1





#50

Toluene-d8

Concen: 45.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001296.D

Acq: 02 May 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

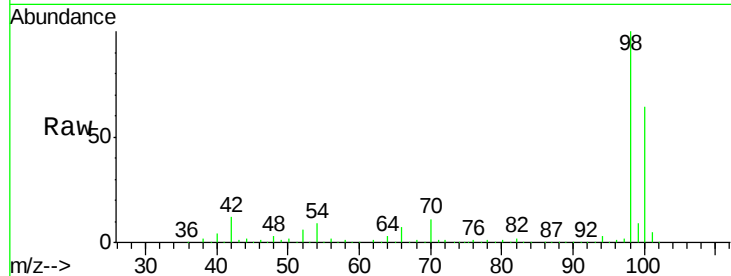
PB108752TBZHE#04

Tot Ion: 98 Resp: 324613

Ion Ratio Lower Upper

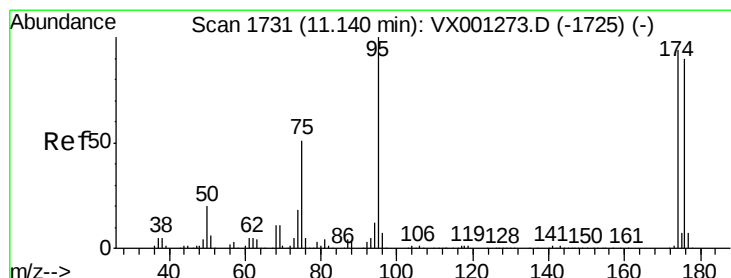
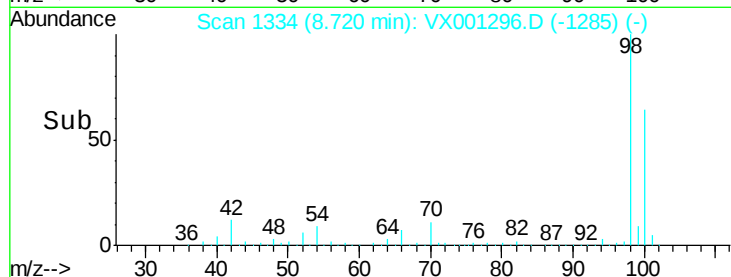
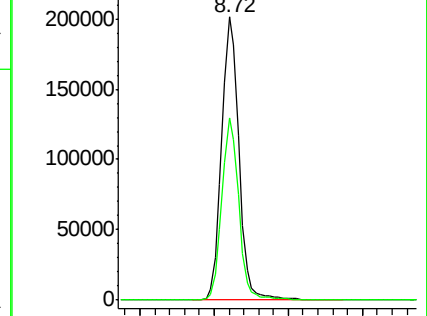
98 100

100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 37.34 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001296.D

Acq: 02 May 2018 00:20

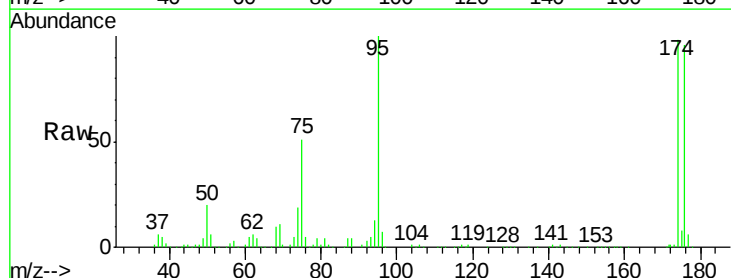
Tgt Ion: 95 Resp: 106136

Ion Ratio Lower Upper

95 100

174 105.6 0.0 201.8

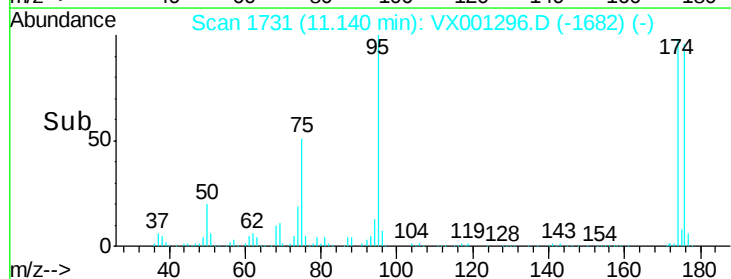
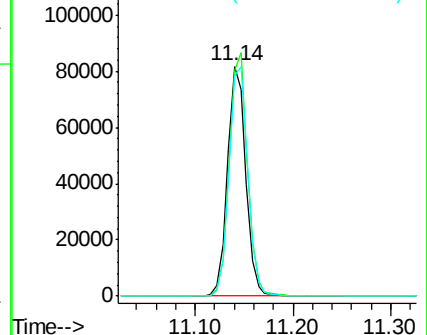
176 102.8 0.0 197.2

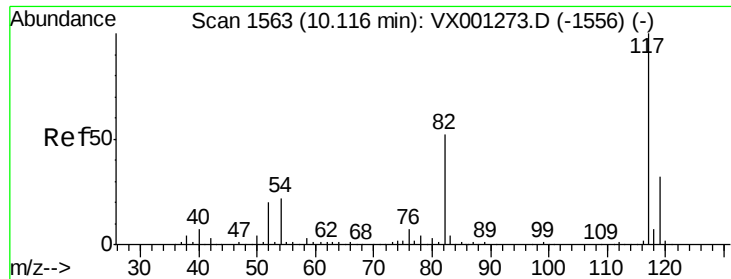


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX001296.D

Acq: 02 May 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

PB108752TBZHE#04

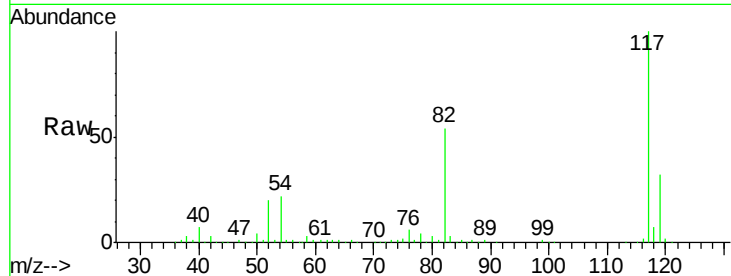
Tot Ion:117 Resp: 208561

Ion Ratio Lower Upper

117 100

82 53.6 41.4 62.0

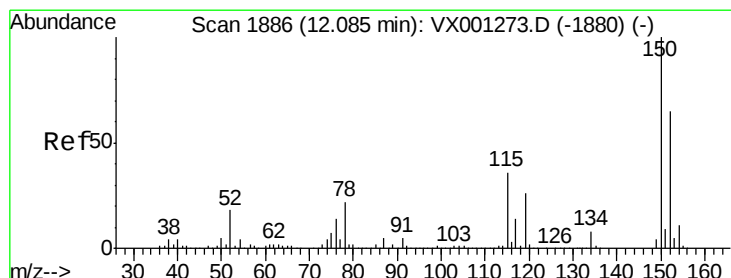
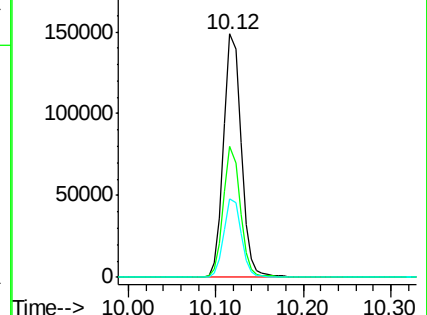
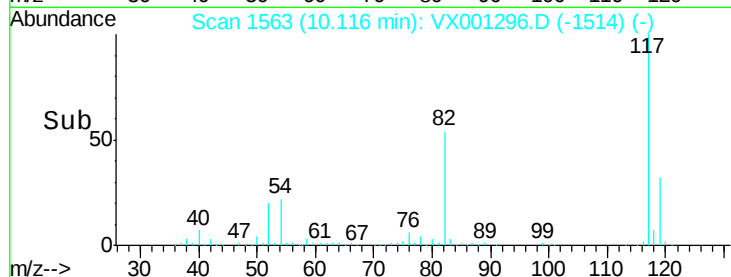
119 32.0 25.5 38.3



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: VX001296.D

Acq: 02 May 2018 00:20

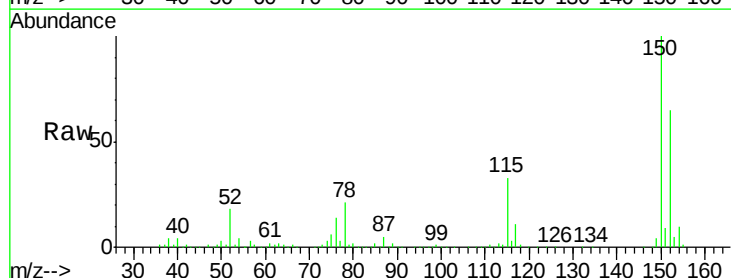
Tgt Ion:152 Resp: 118030

Ion Ratio Lower Upper

152 100

115 52.6 38.6 115.7

150 155.6 0.0 349.2



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

