

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002116.D
 Acq On : 30 May 2018 02:26
 Operator : JC/MD
 Sample : PB109720ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109720ZHE#01

Quant Time: May 30 08:47:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

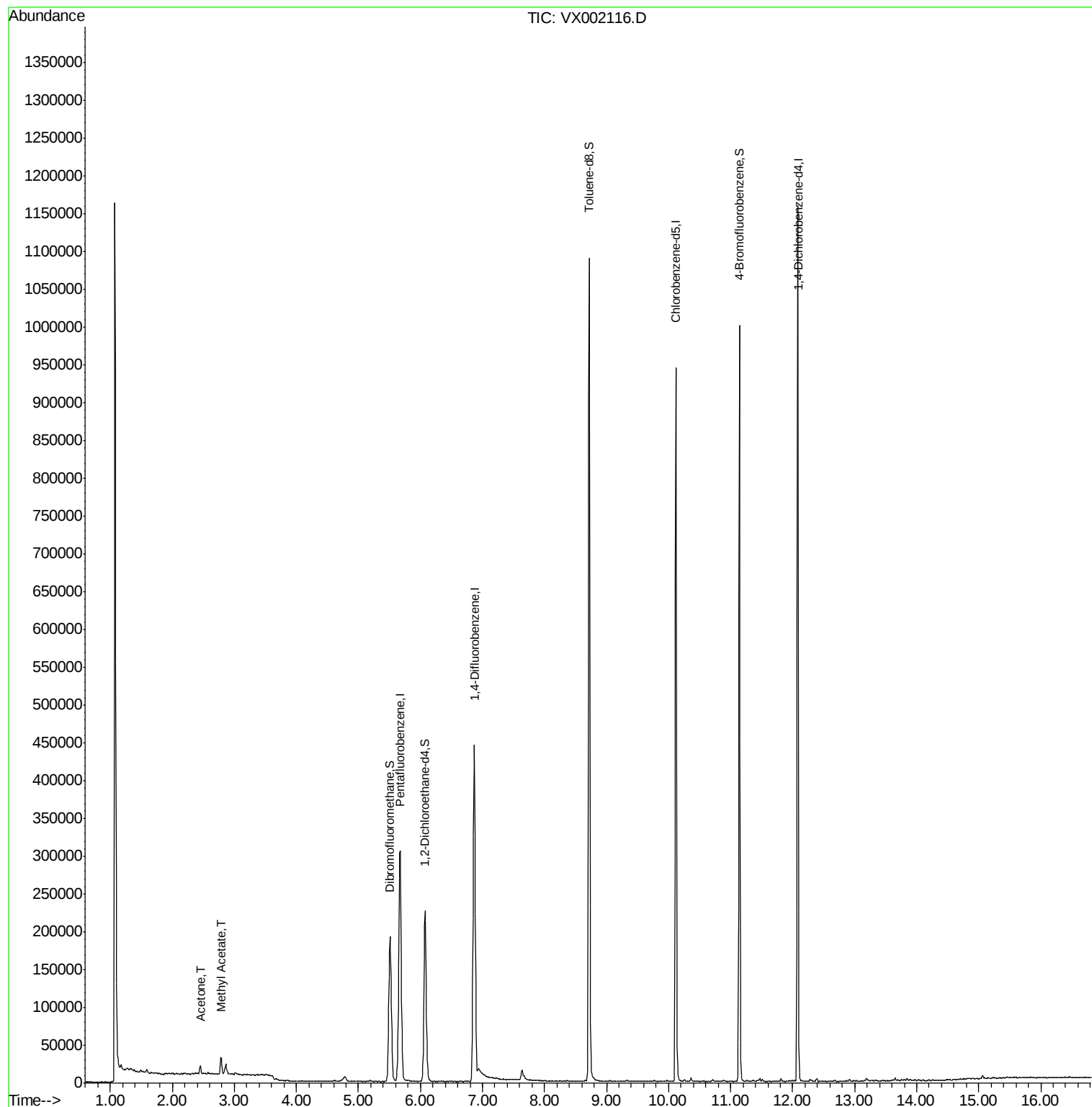
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	212009	38.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.56%	
35) Dibromofluoromethane	5.51	113	157701	35.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.36%	
50) Toluene-d8	8.72	98	630033	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
62) 4-Bromofluorobenzene	11.14	95	236733	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
Target Compounds						
16) Acetone	2.45	43	12338	5.85	ug/l	93
18) Methyl Acetate	2.78	43	27401	4.35	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: VX002116.D

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Instrument :

MSVOA_X

ClientSampleId :

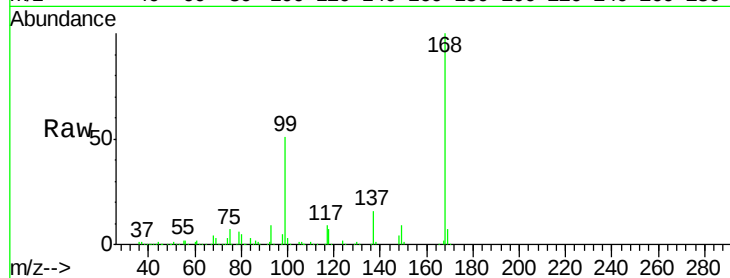
PB109720ZHE#01

Tot Ion:168 Resp: 305826

Ion Ratio Lower Upper

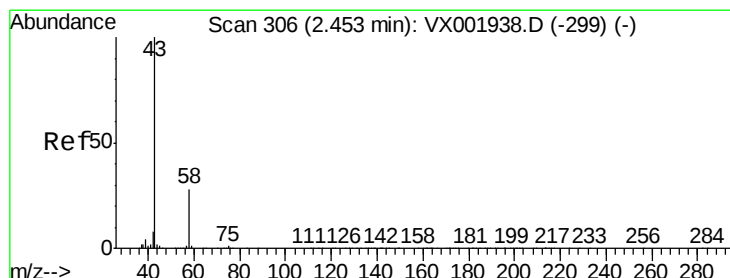
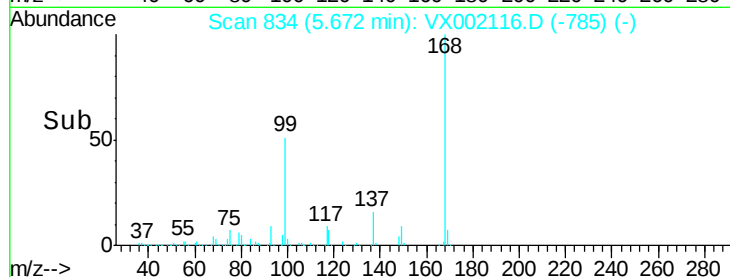
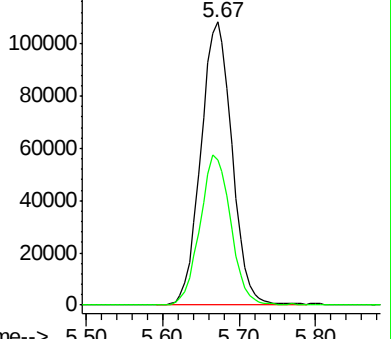
168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.85 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002116.D

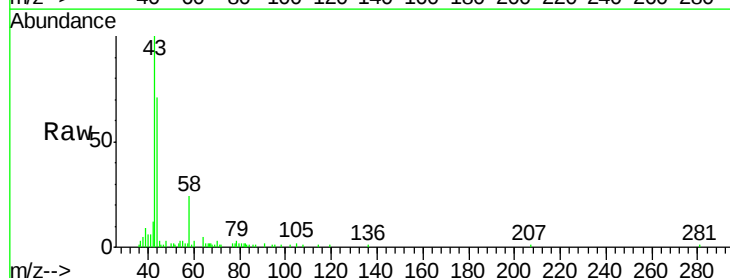
Acq: 30 May 2018 02:26

Tgt Ion: 43 Resp: 12338

Ion Ratio Lower Upper

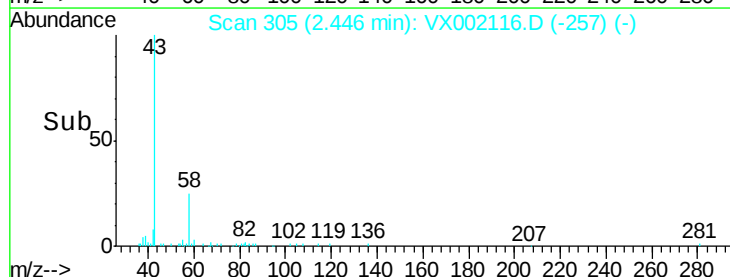
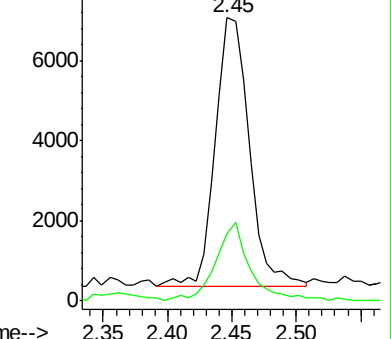
43 100

58 24.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

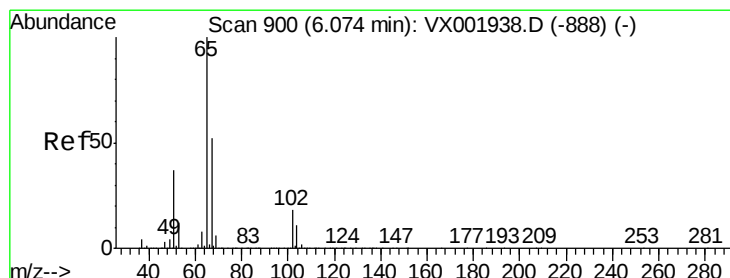
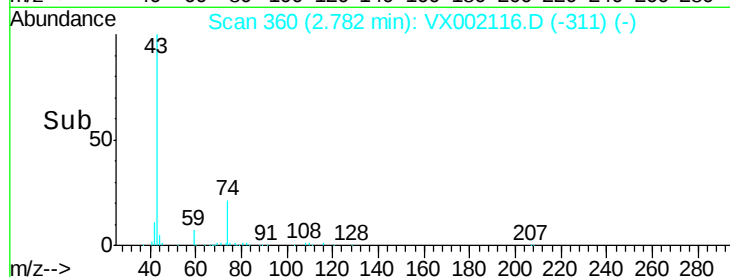
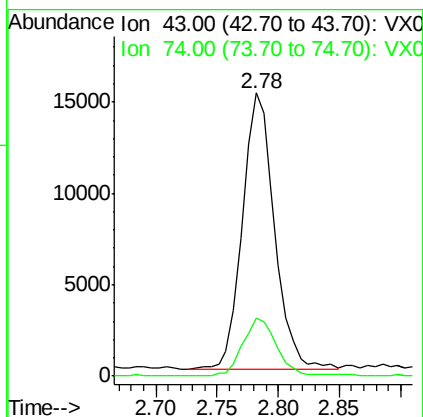
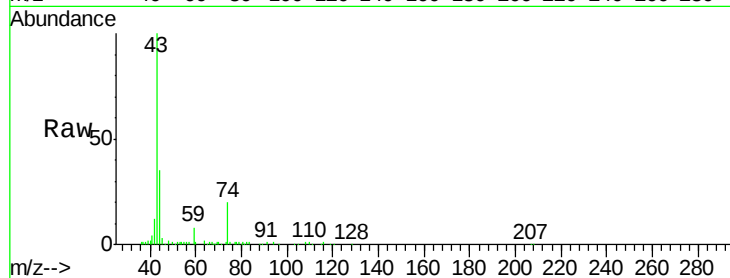




#18
Methvl Acetate
Concen: 4.35 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002116.D
Acq: 30 May 2018 02:26

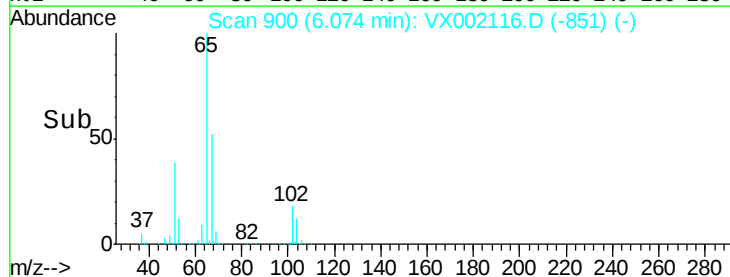
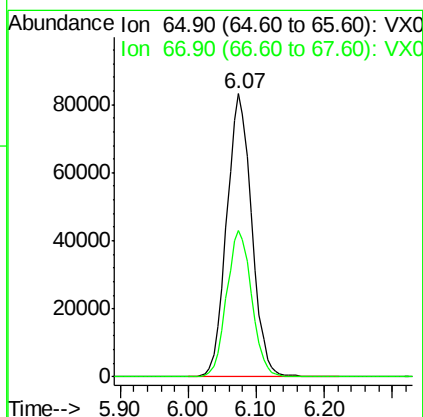
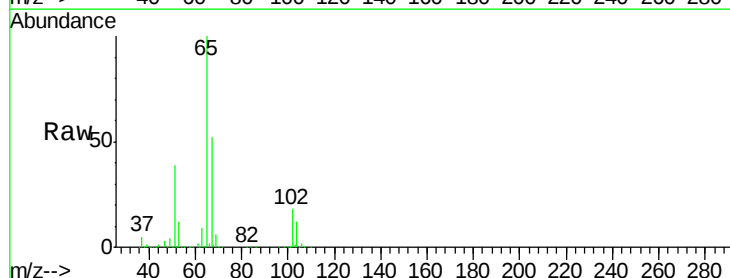
Instrument :
MSVOA_X
ClientSampleId :
PB109720ZHE#01

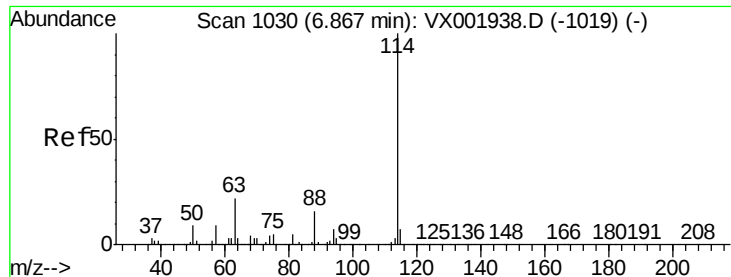
Tot Ion: 43 Resp: 27401
Ion Ratio Lower Upper
43 100
74 22.3 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 38.78 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002116.D
Acq: 30 May 2018 02:26

Tgt Ion: 65 Resp: 212009
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

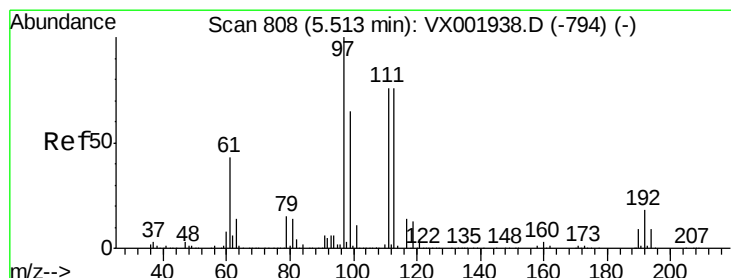
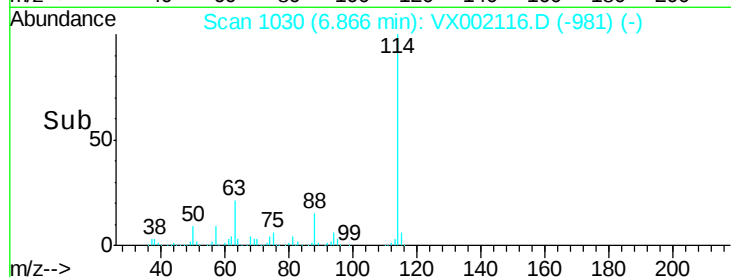
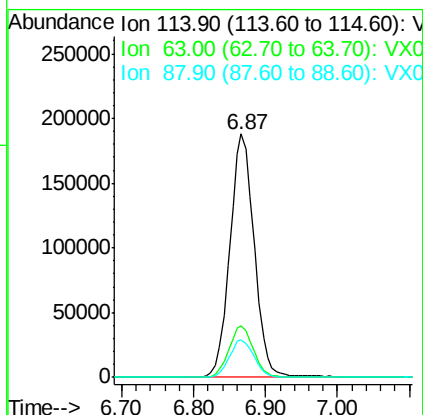
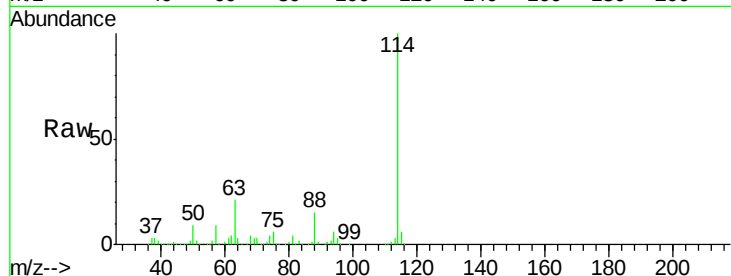




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002116.D
 Acq: 30 May 2018 02:26

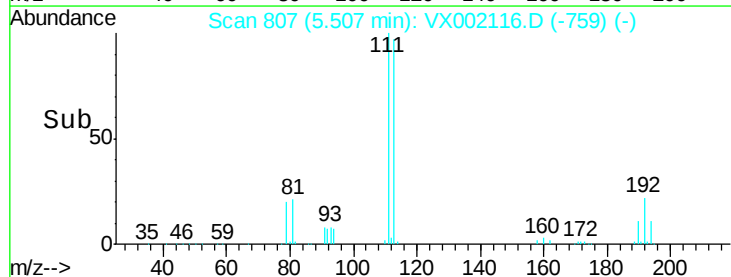
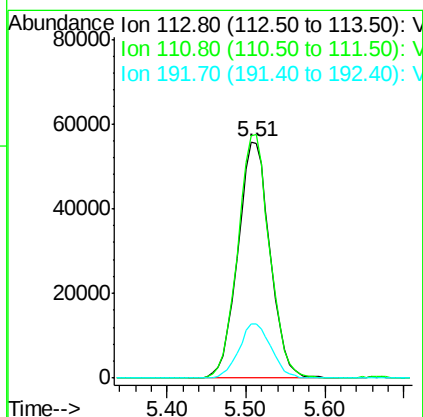
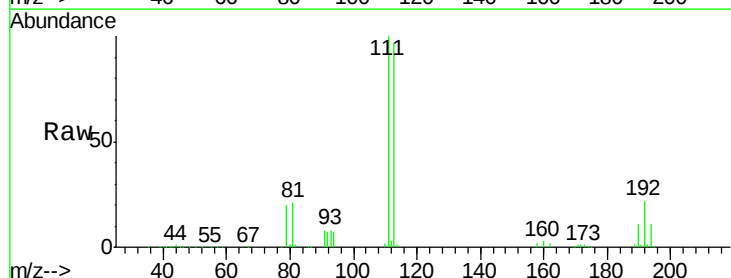
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109720ZHE#01

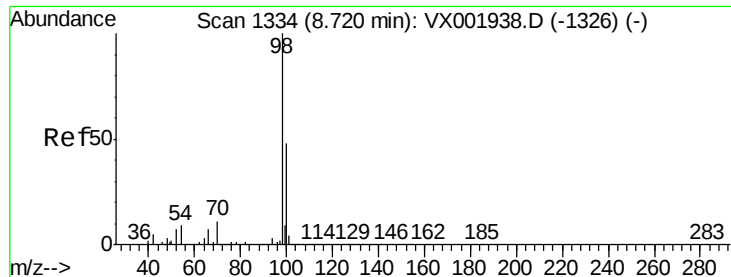
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	15.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 35.68 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002116.D
 Acq: 30 May 2018 02:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.2	18.9	28.3





#50

Toluene-d8

Concen: 39.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002116.D

Acq: 30 May 2018 02:26

Instrument :

MSVOA_X

ClientSampleId :

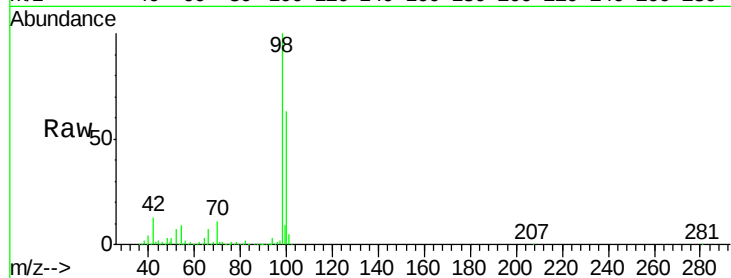
PB109720ZHE#01

Tot Ion: 98 Resp: 630033

Ion Ratio Lower Upper

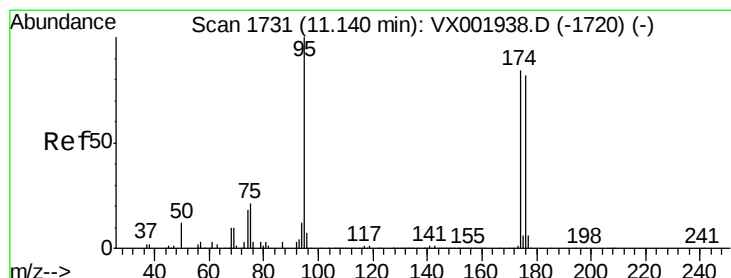
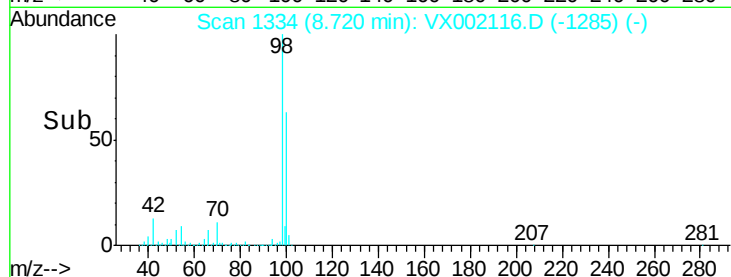
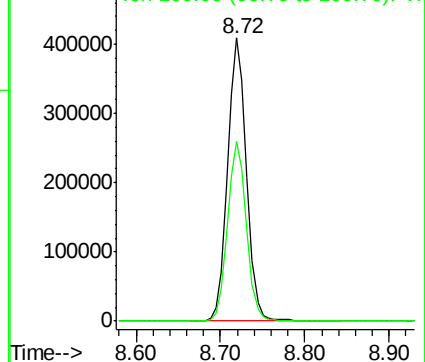
98 100

100 63.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 37.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002116.D

Acq: 30 May 2018 02:26

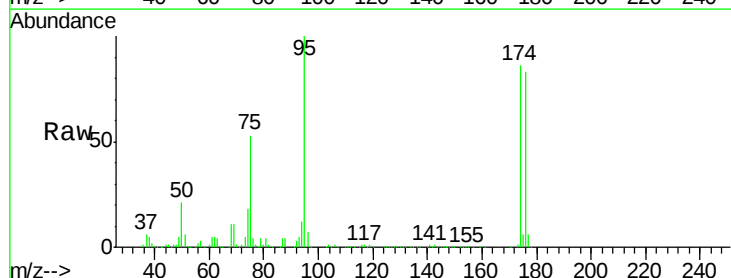
Tgt Ion: 95 Resp: 236733

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.8

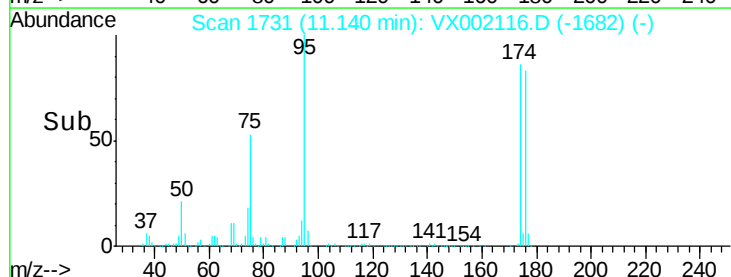
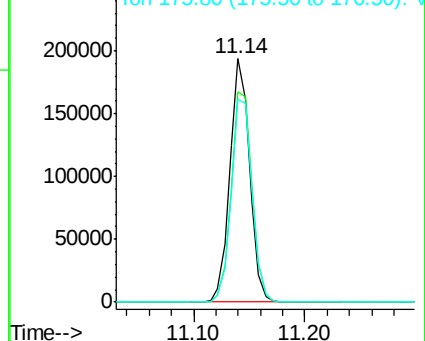
176 88.3 0.0 175.6

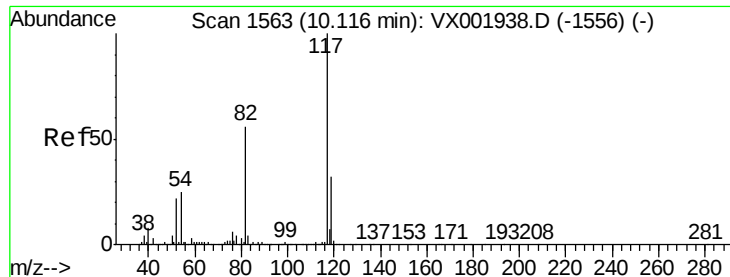


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX002116.D

Acq: 30 May 2018 02:26

Instrument :

MSVOA_X

ClientSampleId :

PB109720ZHE#01

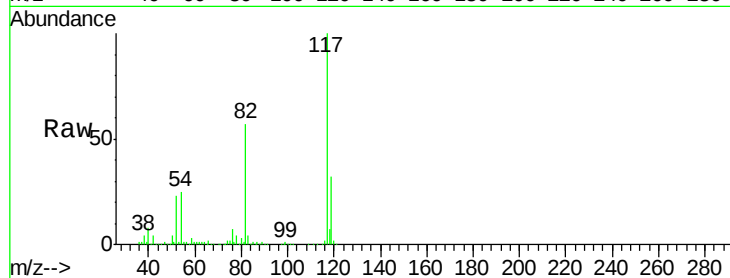
Tot Ion:117 Resp: 406287

Ion Ratio Lower Upper

117 100

82 56.8 44.8 67.2

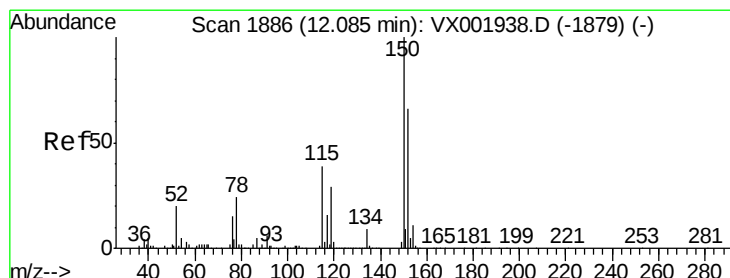
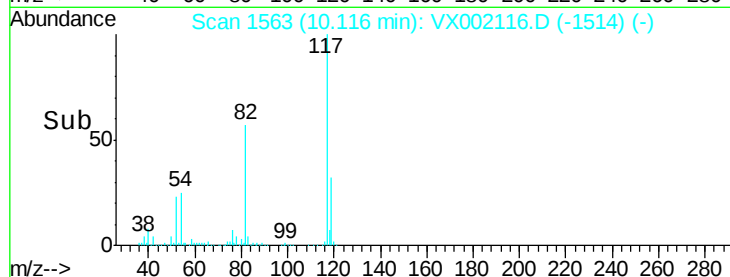
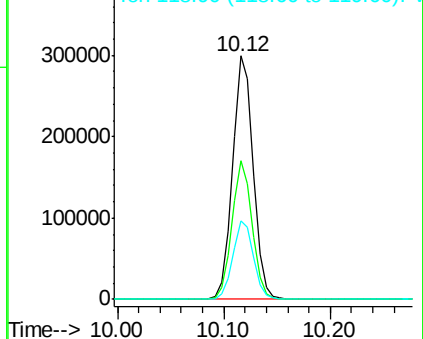
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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. -0.00 min

Lab File: VX002116.D

Acq: 30 May 2018 02:26

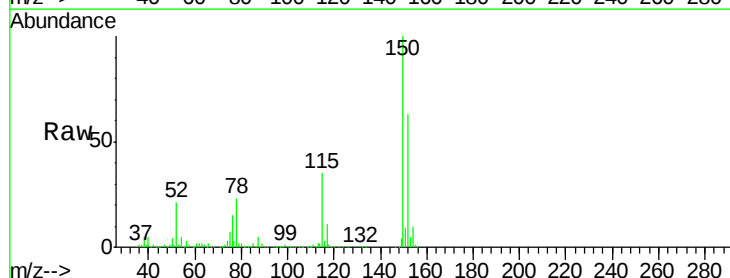
Tgt Ion:152 Resp: 240360

Ion Ratio Lower Upper

152 100

115 55.8 42.3 126.8

150 157.4 0.0 351.0



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

