

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX002004.D
 Acq On : 26 May 2018 04:08
 Operator : JC/MD
 Sample : PB109661ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109661ZHE#12

Quant Time: May 26 04:58:38 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

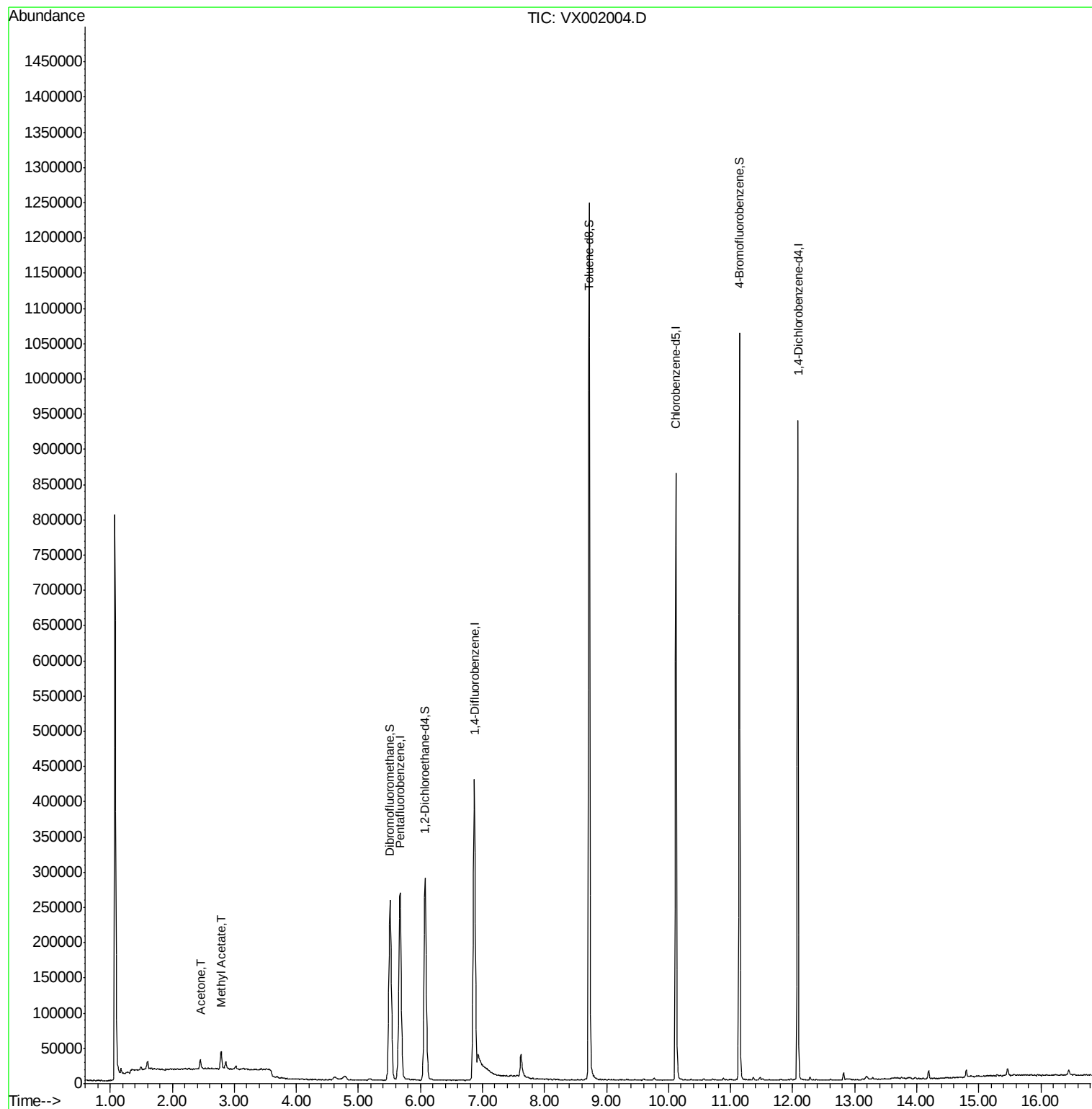
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	423025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	272901	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
35) Dibromofluoromethane	5.51	113	209098	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	8.72	98	705666	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	255322	42.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.22%	
Target Compounds						
16) Acetone	2.45	43	16284	8.789	ug/l	96
18) Methyl Acetate	2.78	43	30672	5.869	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002004.D

Acq: 26 May 2018 04:08

Instrument :

MSVOA_X

ClientSampleId :

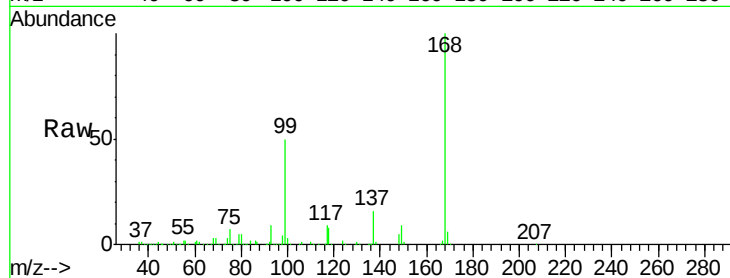
PB109661ZHE#12

Tot Ion:168 Resp: 268570

Ion Ratio Lower Upper

168 100

99 50.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

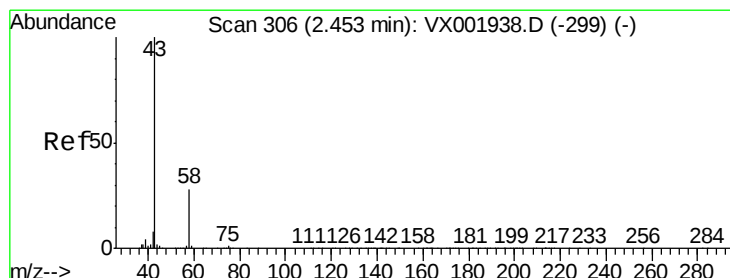
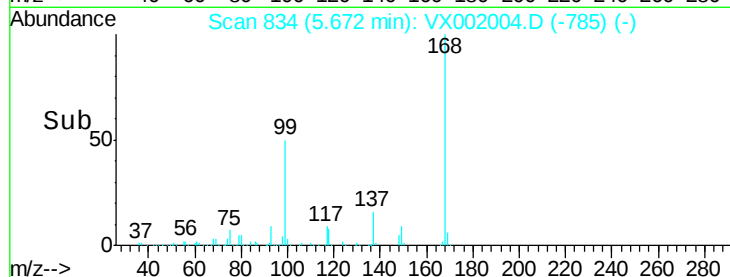
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.789 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002004.D

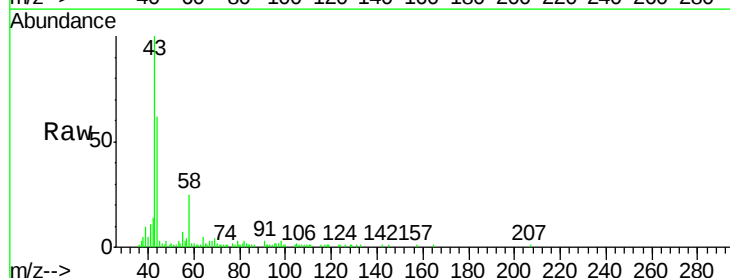
Acq: 26 May 2018 04:08

Tgt Ion: 43 Resp: 16284

Ion Ratio Lower Upper

43 100

58 25.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

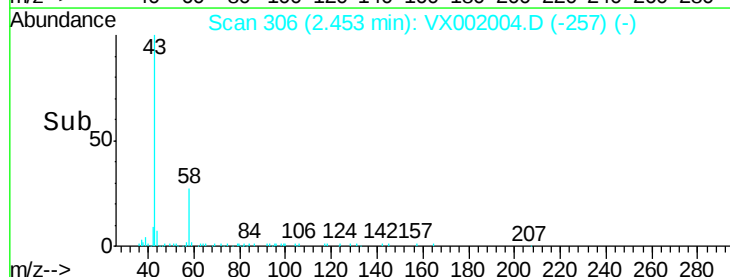
6000

4000

2000

0

Time--> 2.35 2.40 2.45 2.50

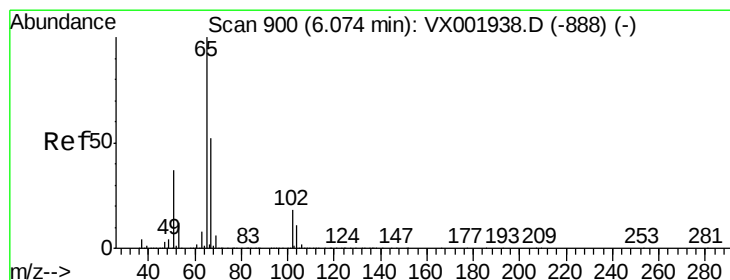
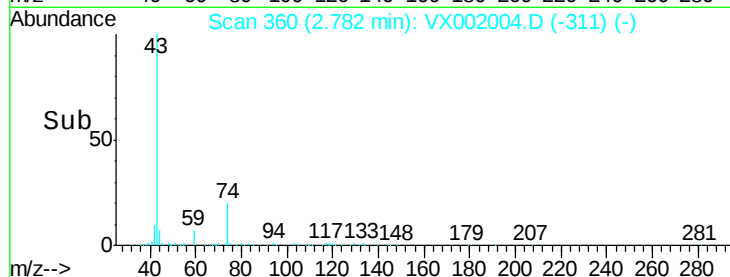
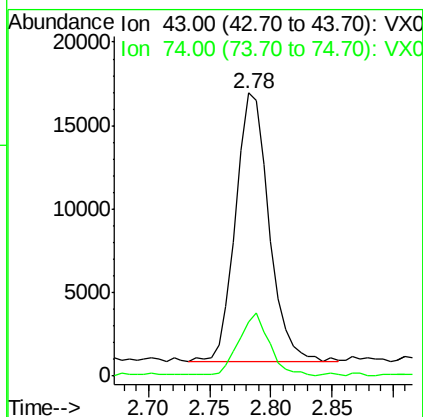
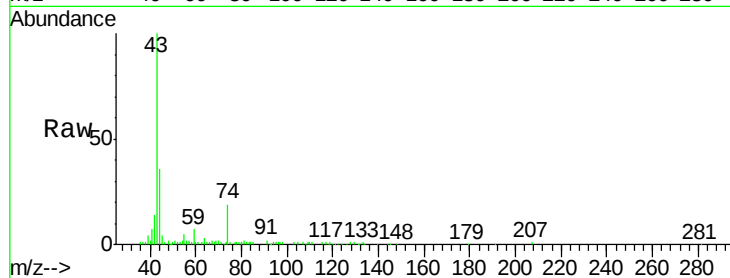




#18
Methvl Acetate
Concen: 5.869 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

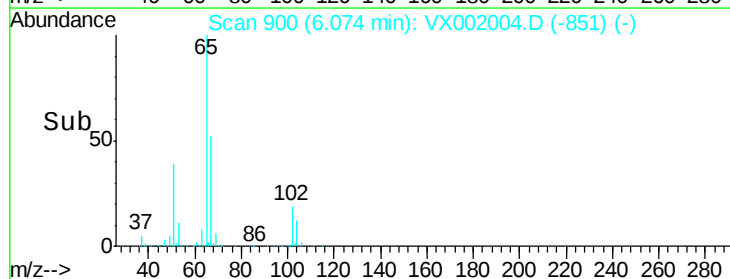
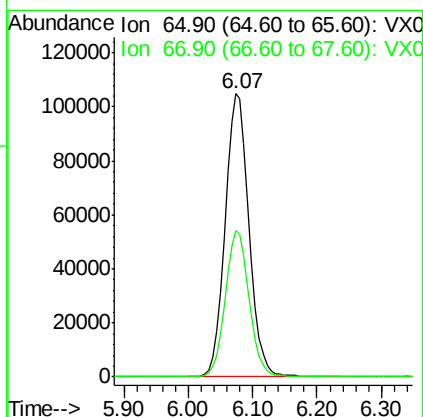
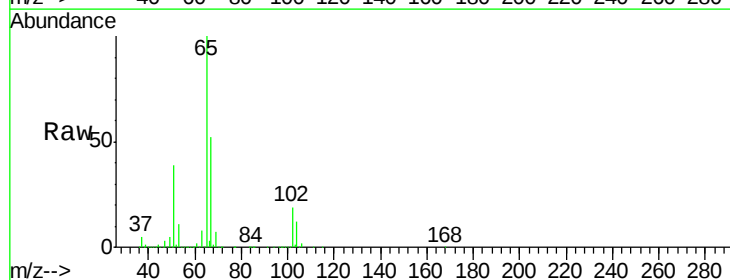
Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

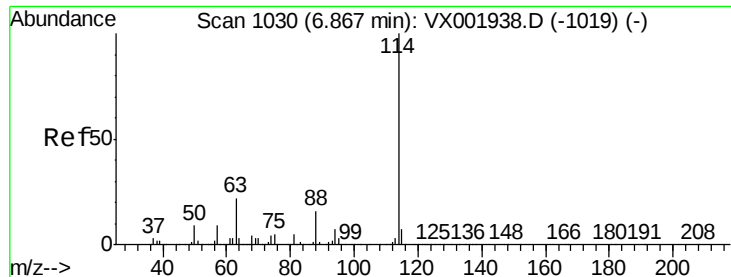
Tot Ion: 43 Resp: 30672
Ion Ratio Lower Upper
43 100
74 20.8 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 56.846 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 65 Resp: 272901
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

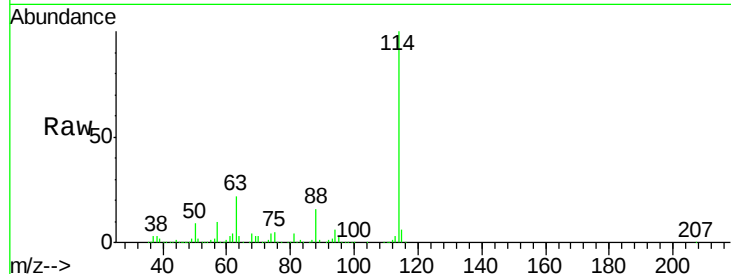




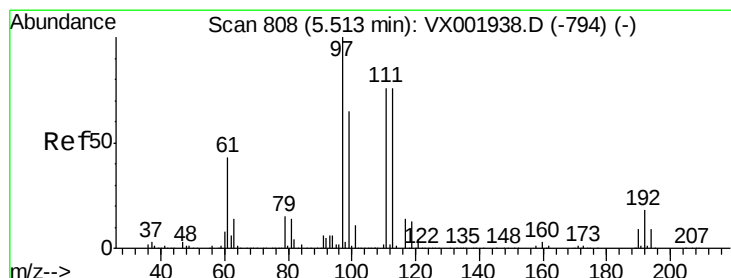
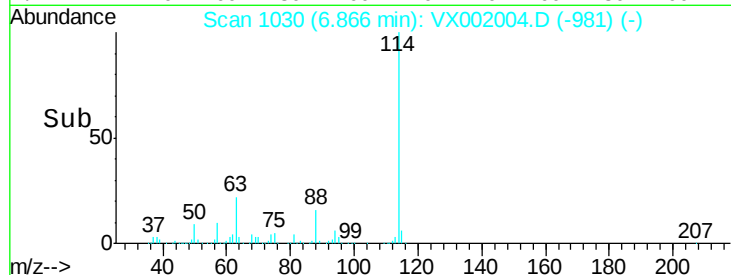
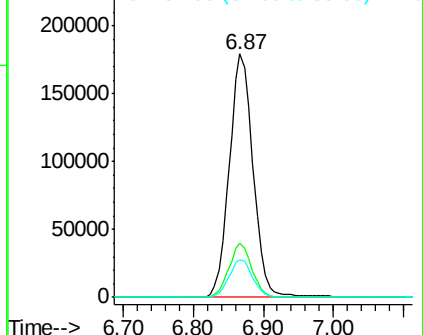
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002004.D
 Acq: 26 May 2018 04:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109661ZHE#12

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	15.5	0.0	31.6

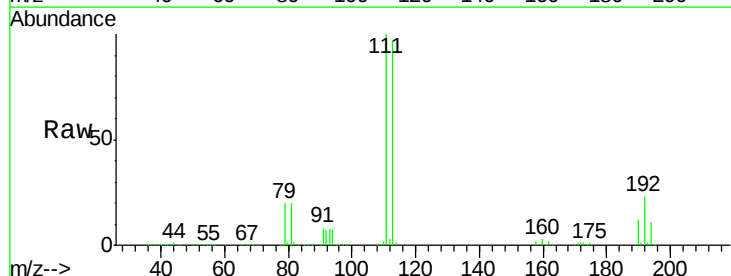


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

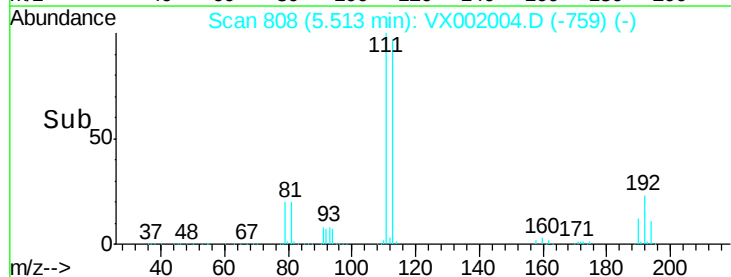
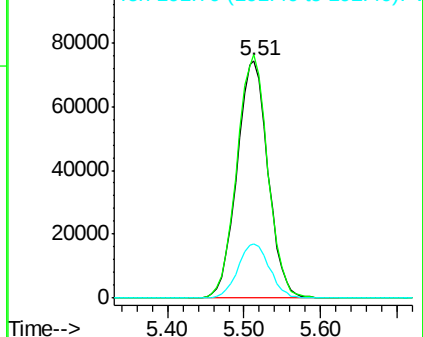


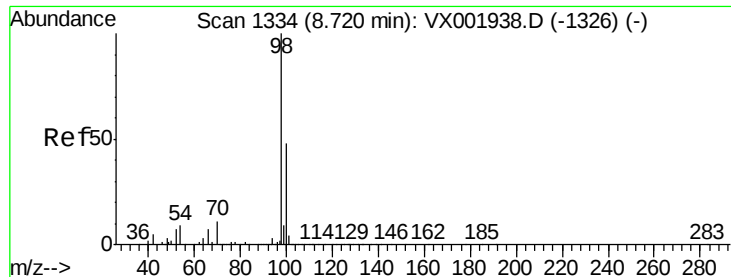
#35
 Dibromofluoromethane
 Concen: 49.429 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002004.D
 Acq: 26 May 2018 04:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.4	18.9	28.3



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: 46.077 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002004.D

Acq: 26 May 2018 04:08

Instrument :

MSVOA_X

ClientSampleId :

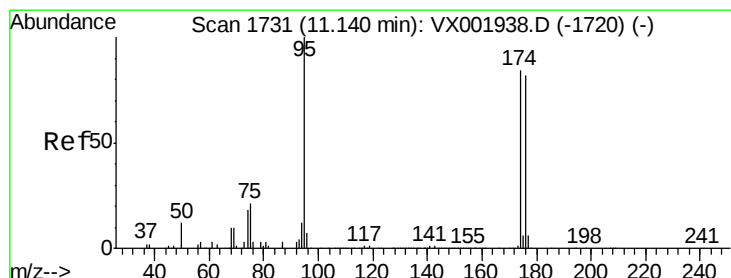
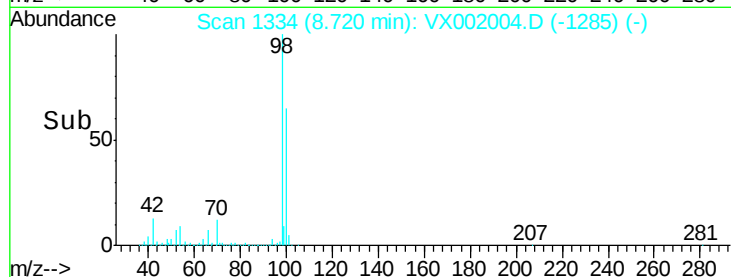
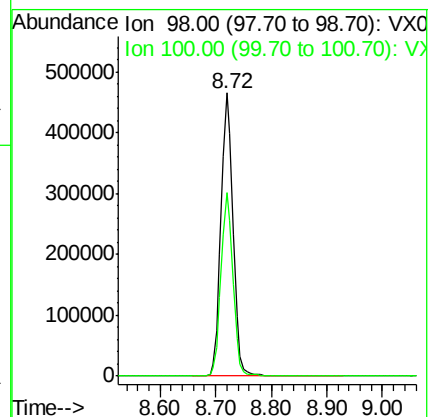
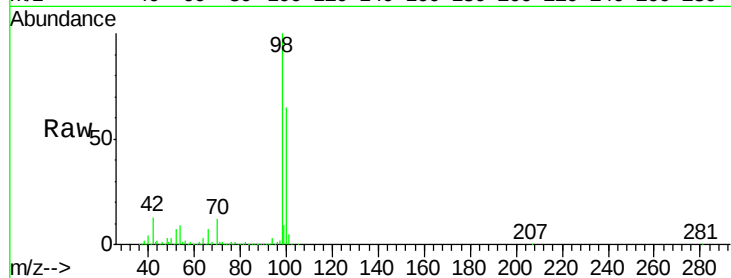
PB109661ZHE#12

Tot Ion: 98 Resp: 705666

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 42.610 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002004.D

Acq: 26 May 2018 04:08

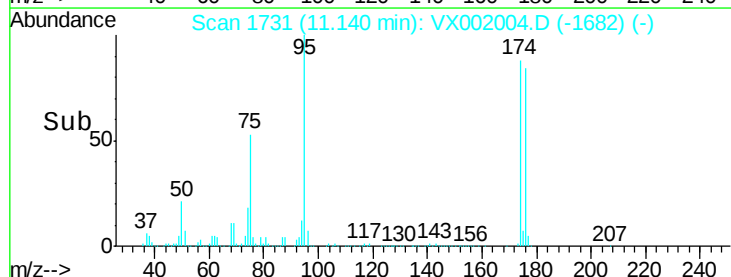
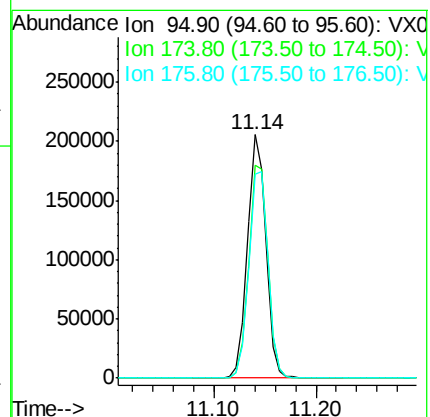
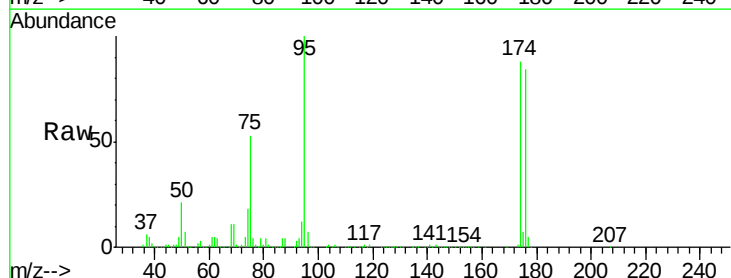
Tgt Ion: 95 Resp: 255322

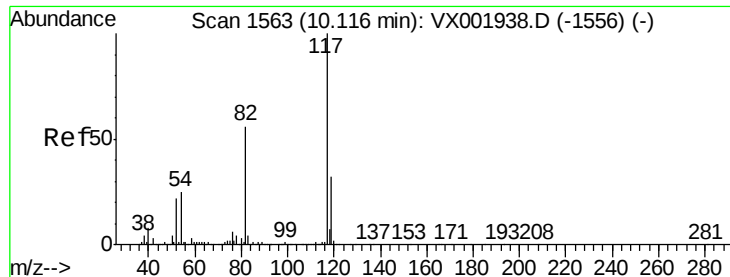
Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.8

176 89.3 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002004.D

Acq: 26 May 2018 04:08

Instrument :

MSVOA_X

ClientSampleId :

PB109661ZHE#12

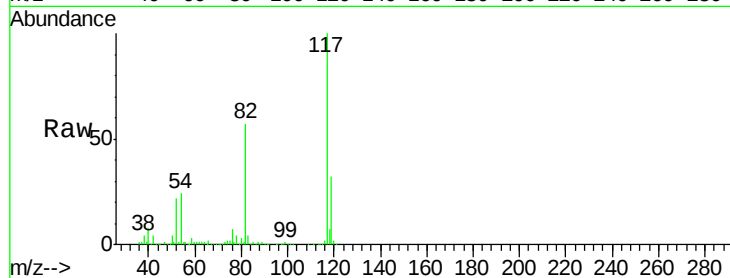
Tot Ion:117 Resp: 374482

Ion Ratio Lower Upper

117 100

82 57.1 44.8 67.2

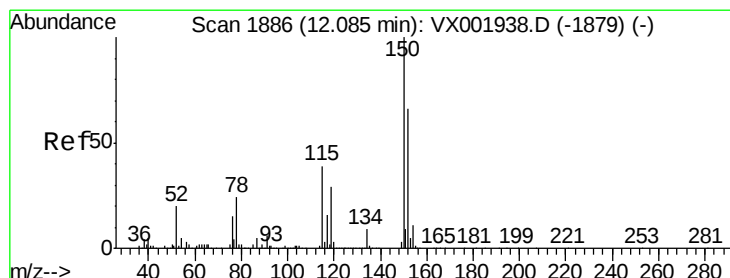
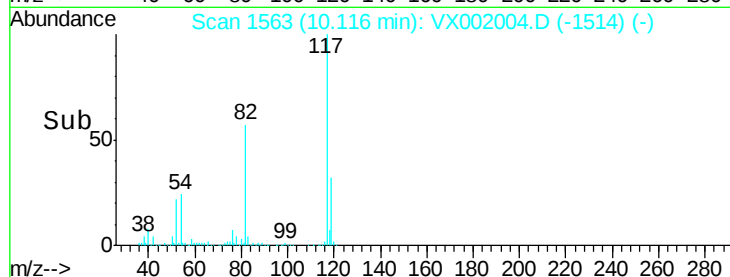
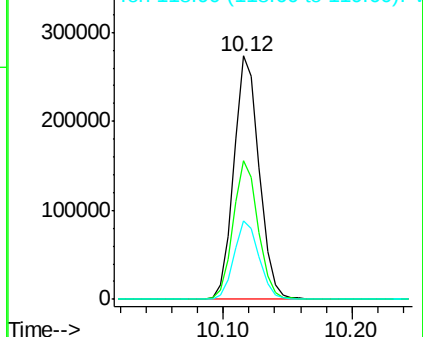
119 32.5 25.5 38.3



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002004.D

Acq: 26 May 2018 04:08

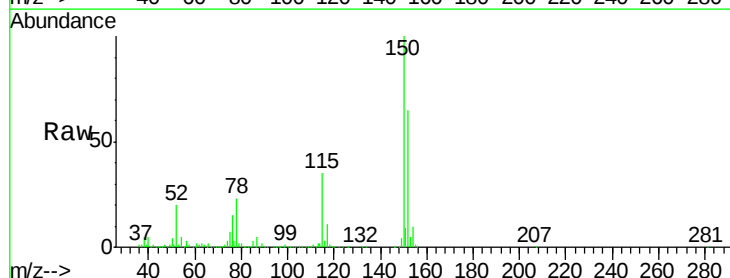
Tgt Ion:152 Resp: 194857

Ion Ratio Lower Upper

152 100

115 55.5 42.3 126.8

150 155.3 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

