

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007701.D
 Acq On : 26 Feb 2019 07:47
 Operator : JC/SP
 Sample : K1603-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T0-UV(PRE)

Quant Time: Feb 26 11:47:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

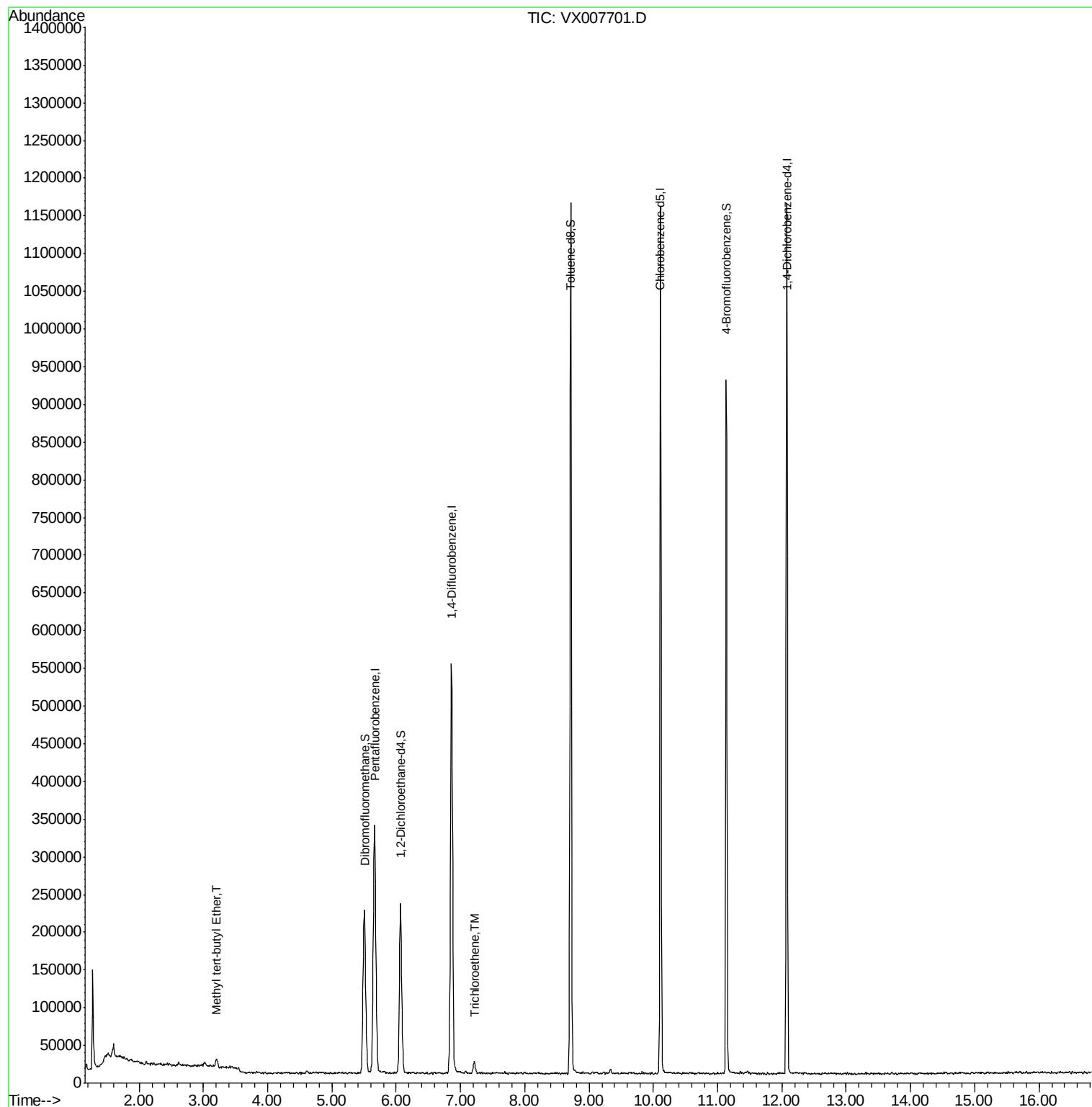
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	567854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	538054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204679	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	5.50	113	187012	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	8.71	98	692729	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.13	95	242304	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	12158	1.208	ug/l	97
44) Trichloroethene	7.21	130	7048	1.626	ug/l	87

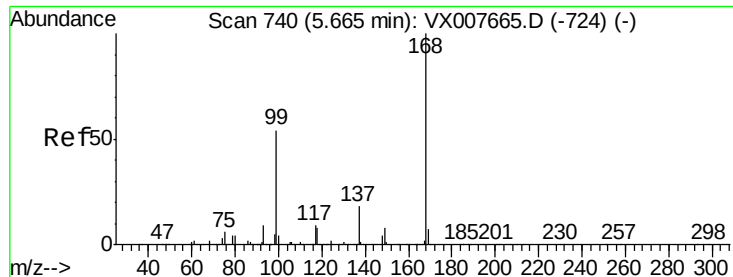
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007701.D

Acq: 26 Feb 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

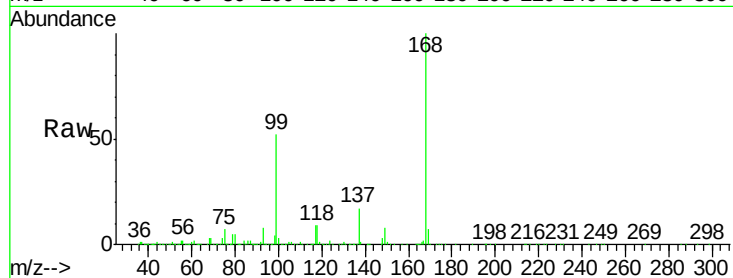
M2-T0-UV(PRE)

Tot Ion:168 Resp: 330372

Ion Ratio Lower Upper

168 100

99 51.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

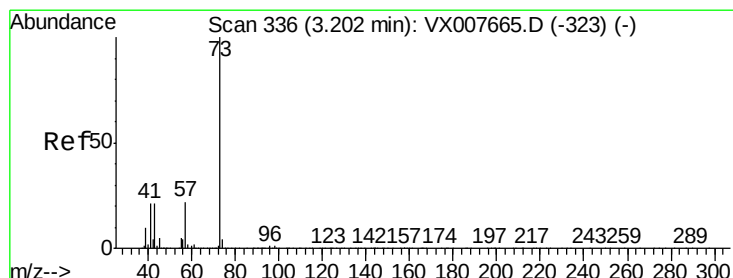
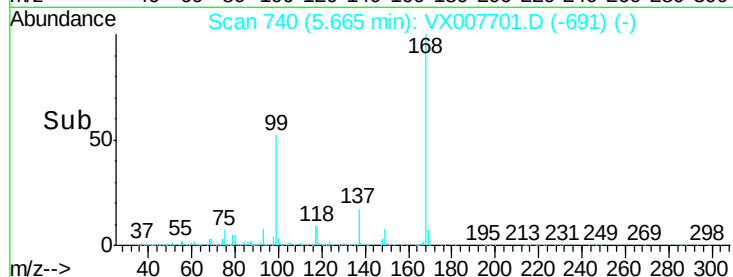
5.67

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.208 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007701.D

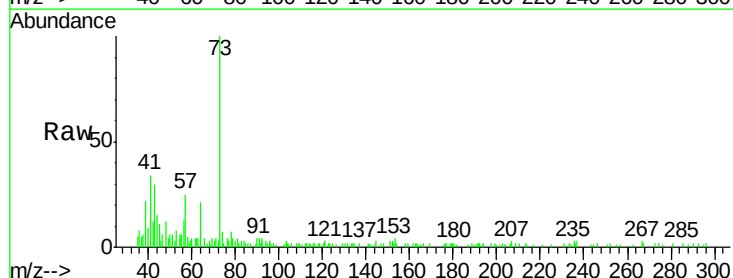
Acq: 26 Feb 2019 07:47

Tgt Ion: 73 Resp: 12158

Ion Ratio Lower Upper

73 100

57 20.8 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

5000

4000

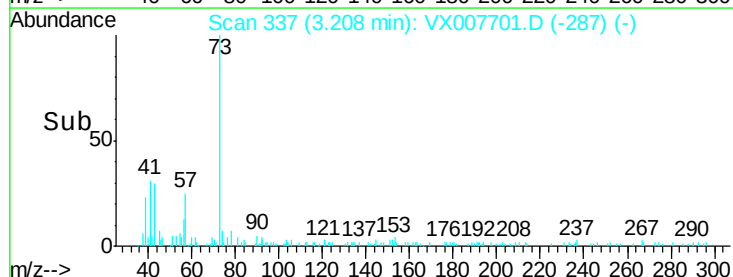
3000

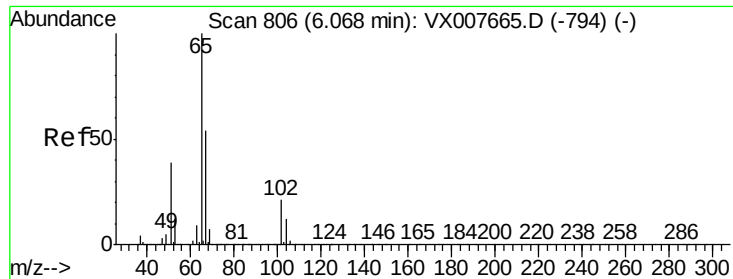
2000

1000

0

Time-->

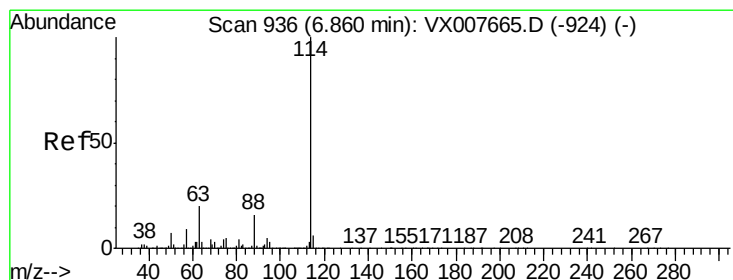
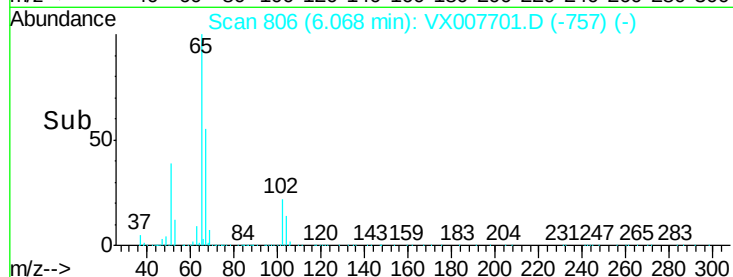
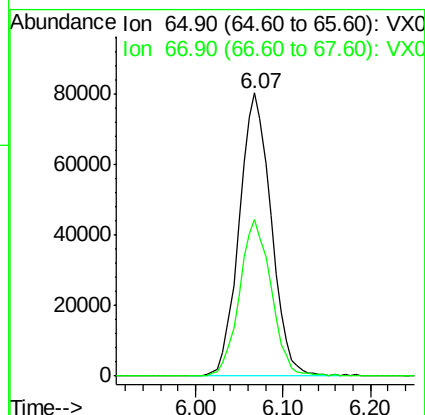
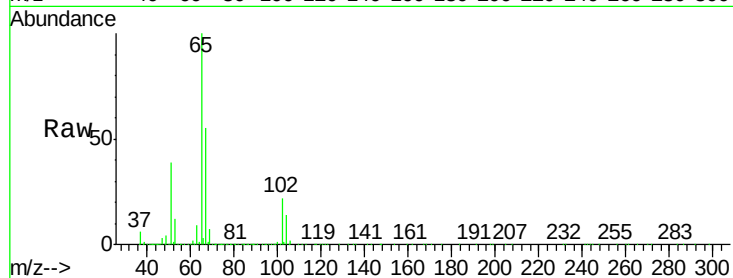




#33
 1,2-Dichloroethane-d4
 Concen: 50.016 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007701.D
 Acq: 26 Feb 2019 07:47

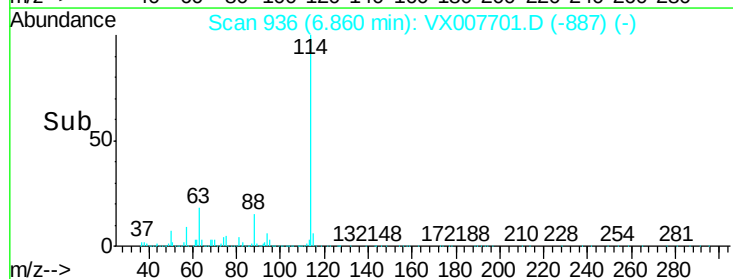
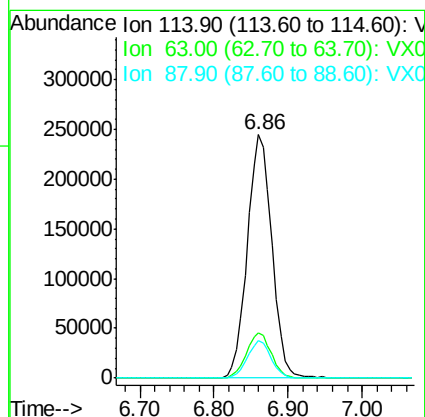
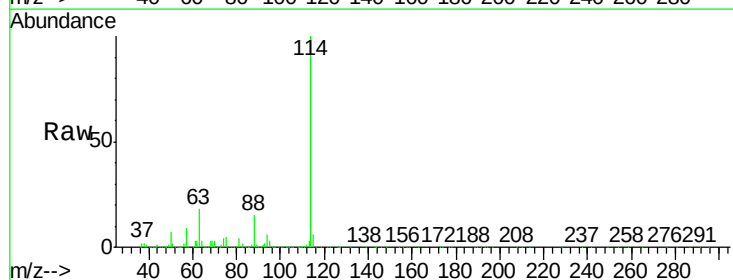
Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T0-UV(PRE)

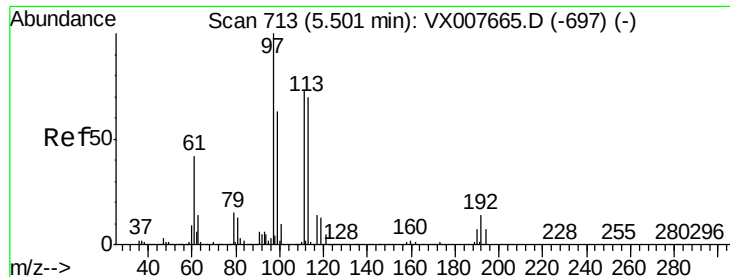
Tot Ion: 65 Resp: 204679
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007701.D
 Acq: 26 Feb 2019 07:47

Tgt Ion: 114 Resp: 567854
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.6
 88 15.3 0.0 29.6

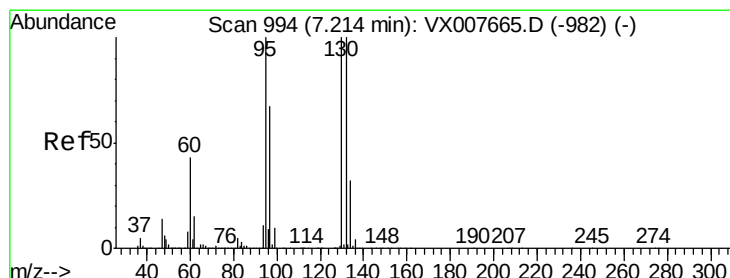
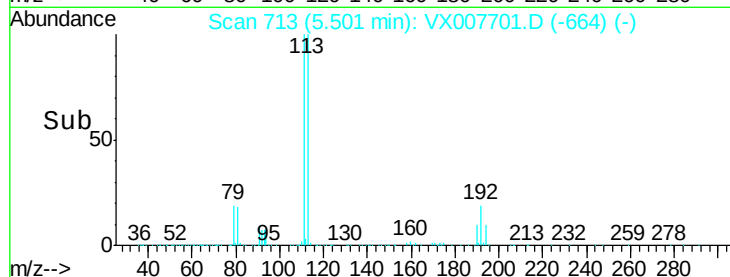
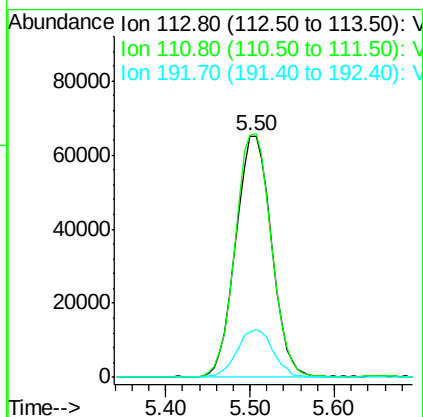
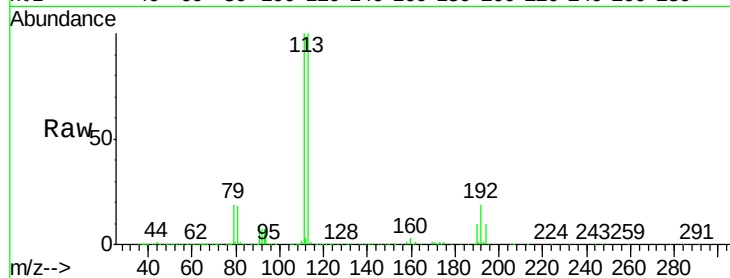




#35
 Dibromofluoromethane
 Concen: 49.266 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007701.D
 Acq: 26 Feb 2019 07:47

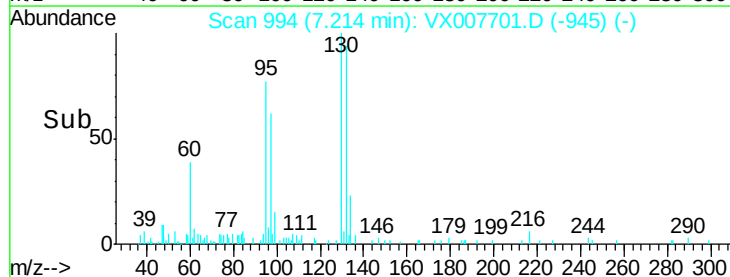
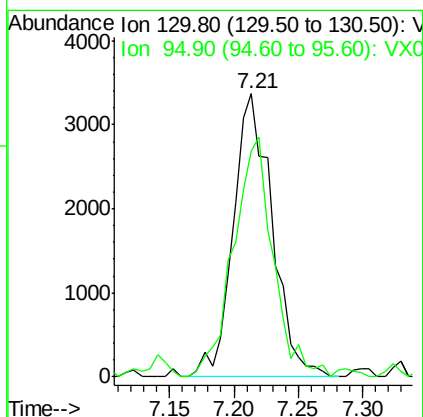
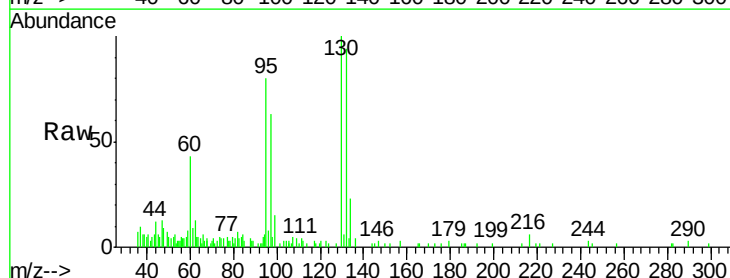
Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T0-UV(PRE)

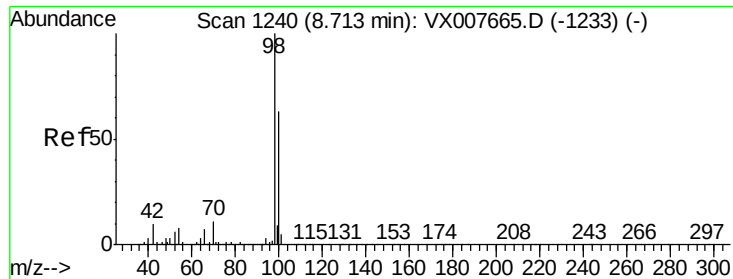
Tot Ion:113 Resp: 187012
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 20.0 18.5 27.7



#44
 Trichloroethene
 Concen: 1.626 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007701.D
 Acq: 26 Feb 2019 07:47

Tgt Ion:130 Resp: 7048
 Ion Ratio Lower Upper
 130 100
 95 77.4 0.0 180.0

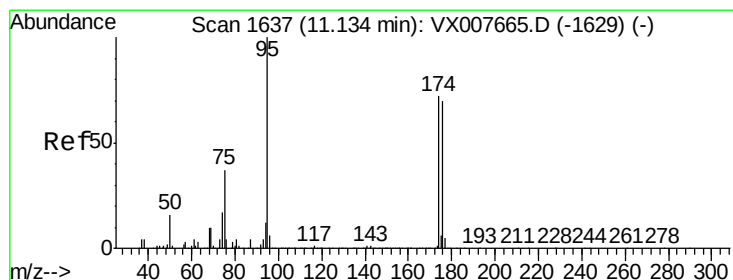
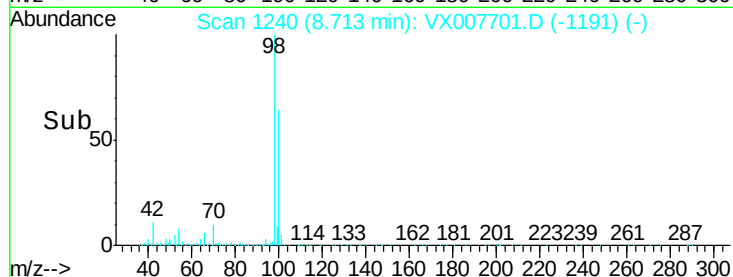
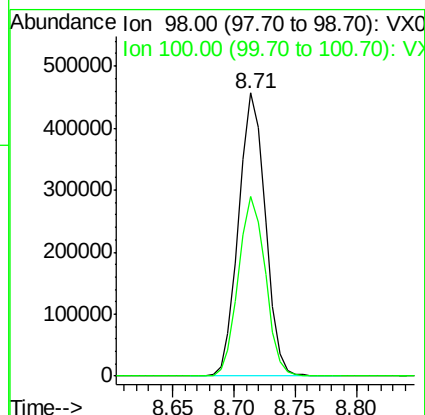
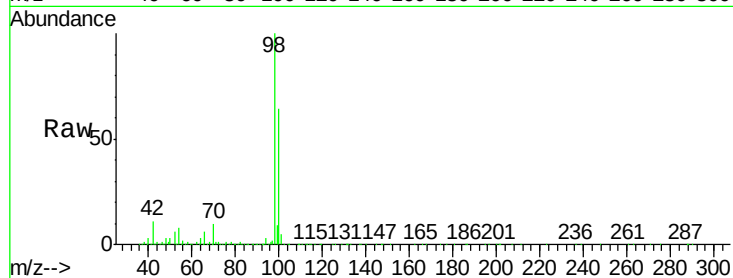




#50
Toluene-d8
Concen: 47.668 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007701.D
Acq: 26 Feb 2019 07:47

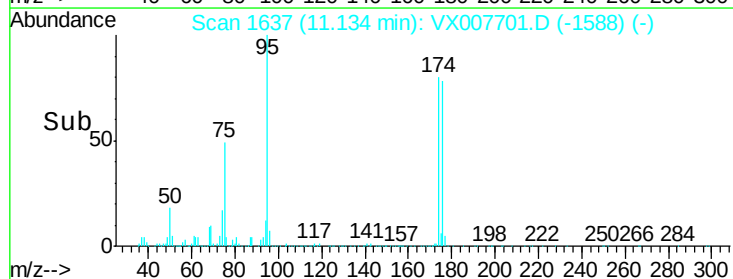
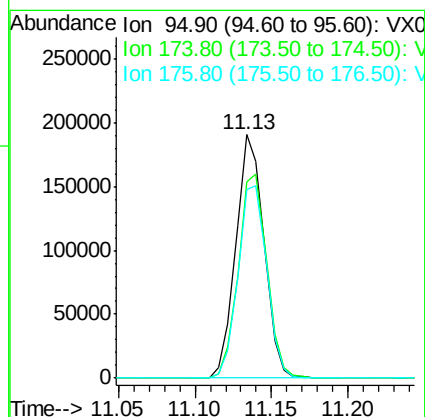
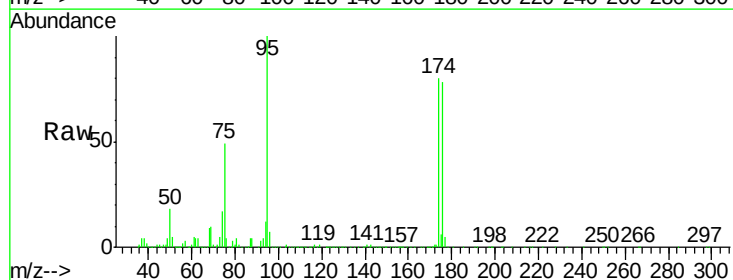
Instrument :
MSVOA_X
ClientSampleId :
M2-T0-UV(PRE)

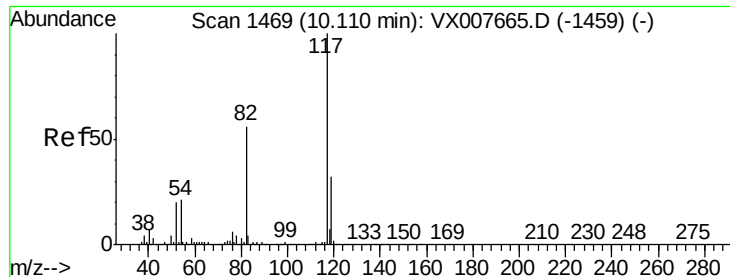
Tot Ion: 98 Resp: 692729
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.428 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007701.D
Acq: 26 Feb 2019 07:47

Tgt Ion: 95 Resp: 242304
Ion Ratio Lower Upper
95 100
174 85.4 0.0 189.2
176 81.3 0.0 186.2

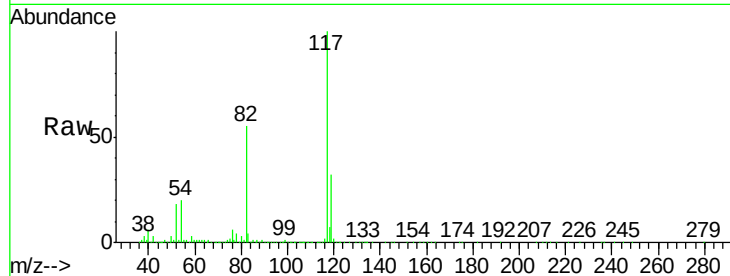




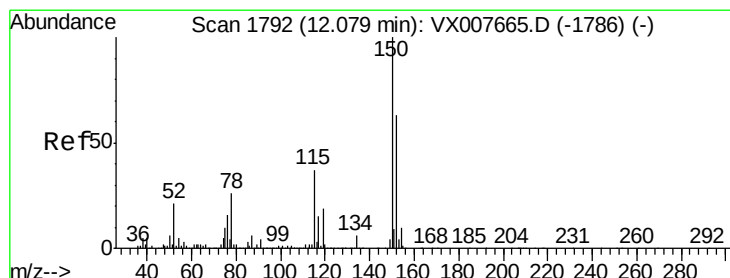
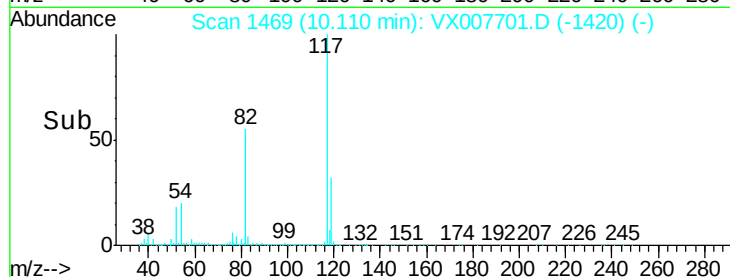
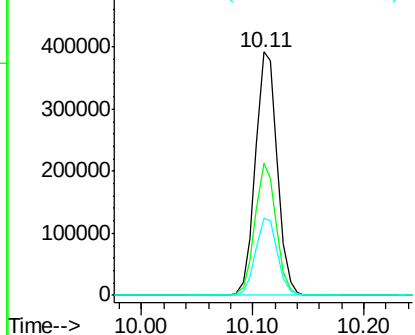
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007701.D
Acq: 26 Feb 2019 07:47

Instrument :
MSVOA_X
ClientSampled :
M2-T0-UV(PRE)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.1	63.1
119	31.8	26.5	39.7

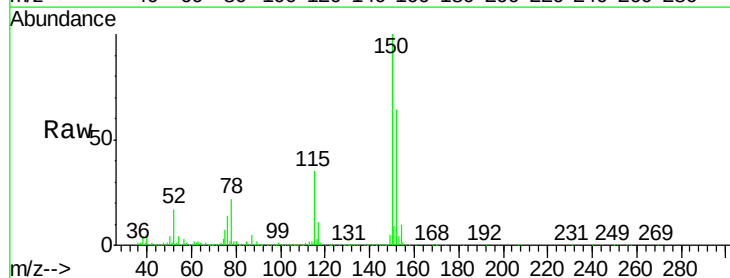


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007701.D
Acq: 26 Feb 2019 07:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	38.0	114.0
150	157.5	0.0	346.4



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

