

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007086.D
 Acq On : 17 Jan 2019 14:03
 Operator : JC/SP
 Sample : K1168-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115

Quant Time: Jan 18 09:38:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

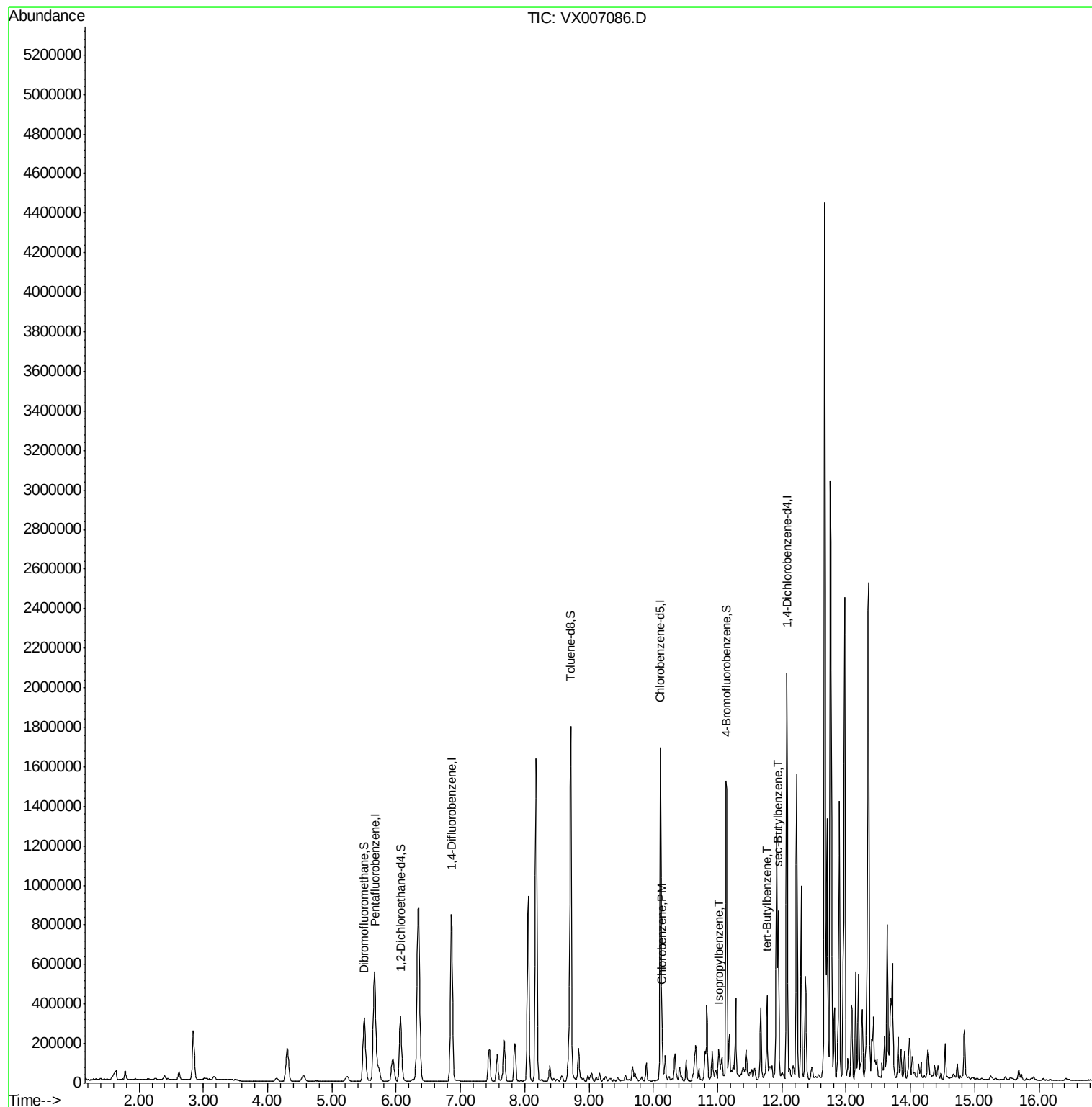
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	581821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	844005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	304626	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	5.50	113	271156	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	1081908	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.13	95	397949	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
Target Compounds						
65) Chlorobenzene	10.14	112	75452	4.099	ug/l	97
73) Isopropylbenzene	11.02	105	78325	2.586	ug/l	99
83) tert-Butylbenzene	11.77	119	154116	6.104	ug/l	89
85) sec-Butylbenzene	11.94	105	428333	14.205	ug/l #	55

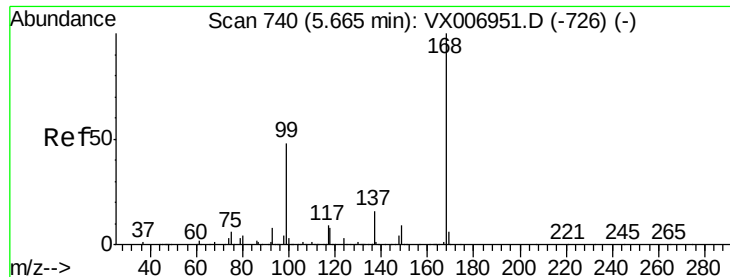
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 08 14:06:59 2019
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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: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

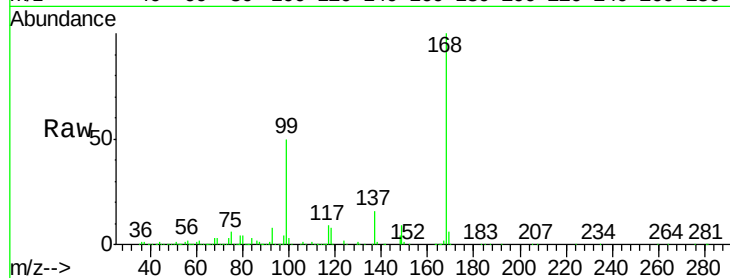
SS038RW150-190115

Tot Ion:168 Resp: 581821

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

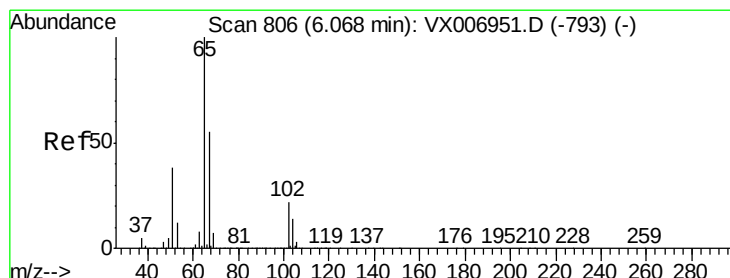
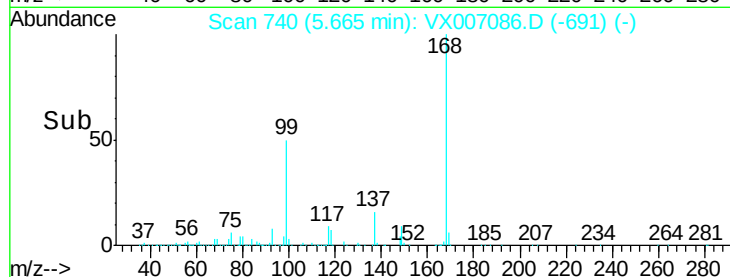
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.099 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007086.D

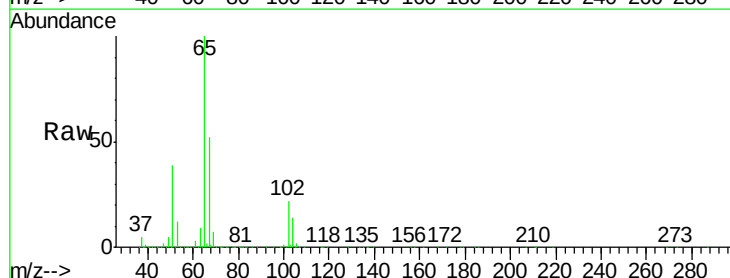
Acq: 17 Jan 2019 14:03

Tgt Ion: 65 Resp: 304626

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

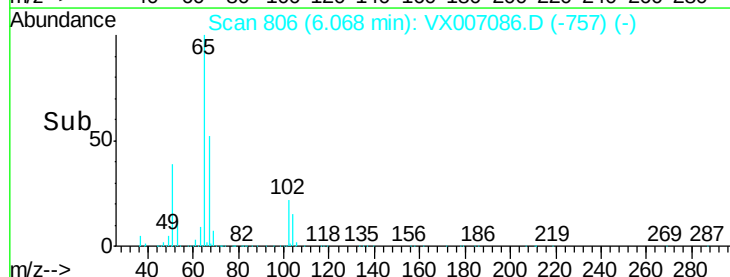
6.07

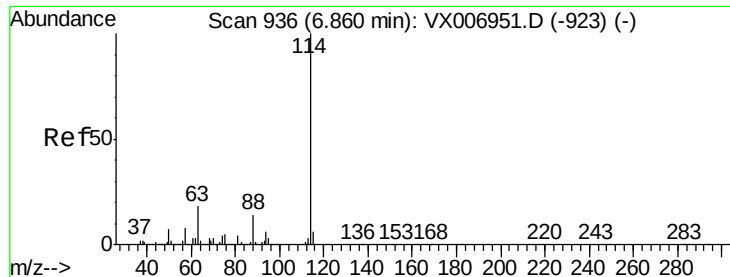
100000

50000

0

Time--> 6.00 6.10 6.20

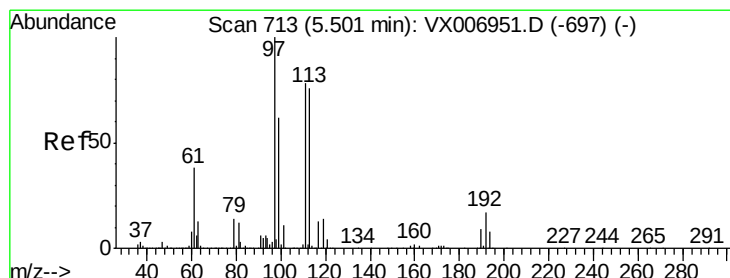
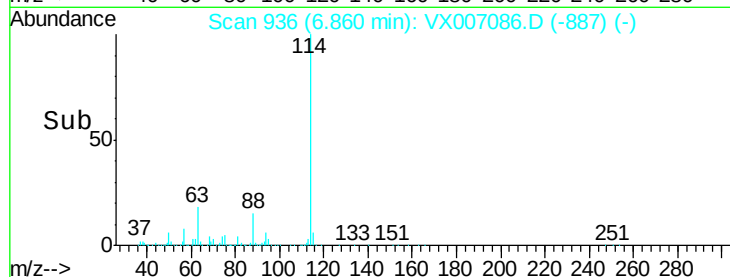
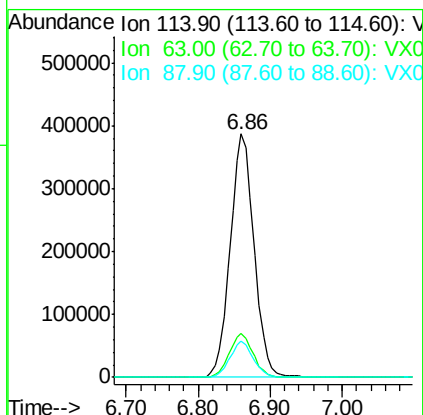
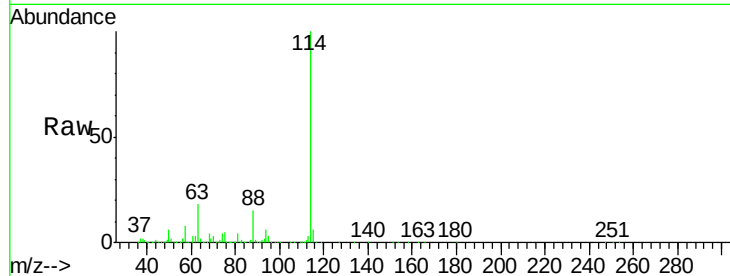




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

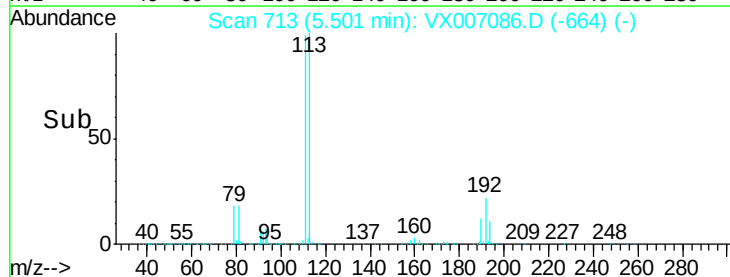
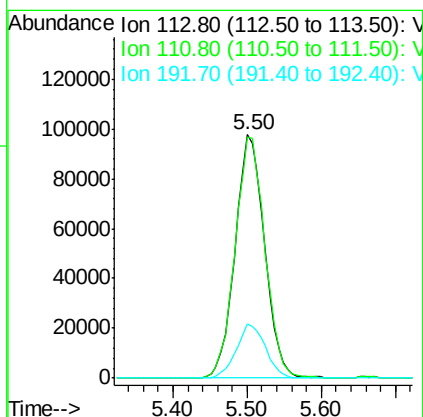
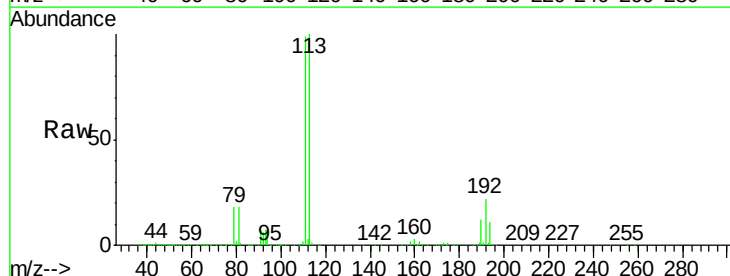
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115

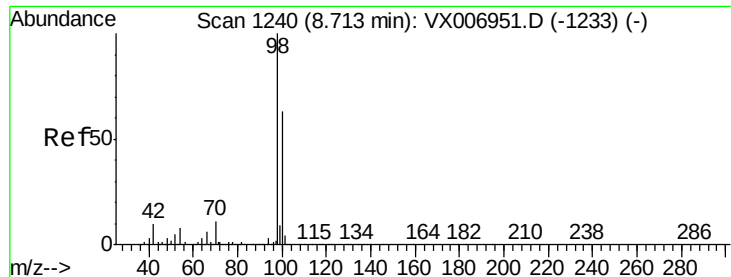
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.8
88	14.8	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 47.438 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.6	122.4
192	22.2	16.7	25.1





#50

Toluene-d8

Concen: 51.710 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

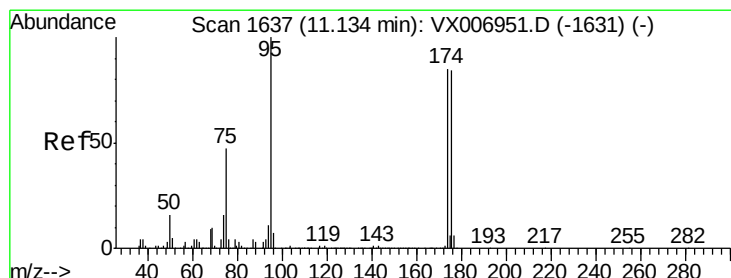
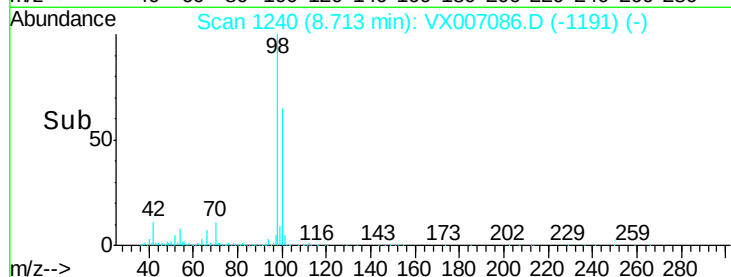
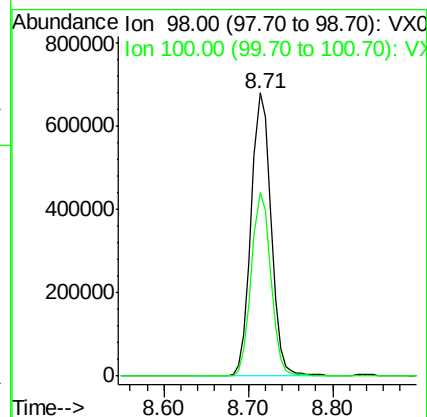
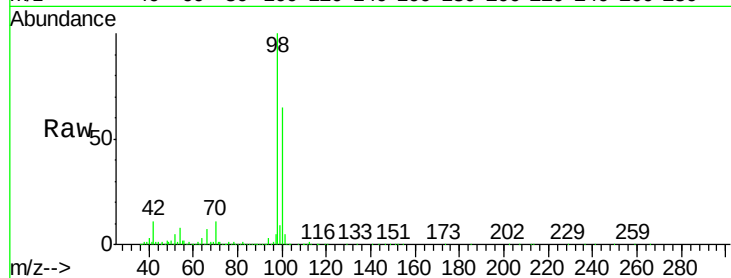
SS038RW150-190115

Tot Ion: 98 Resp: 1081908

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.558 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

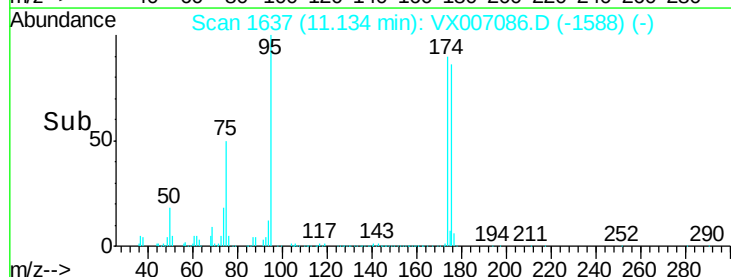
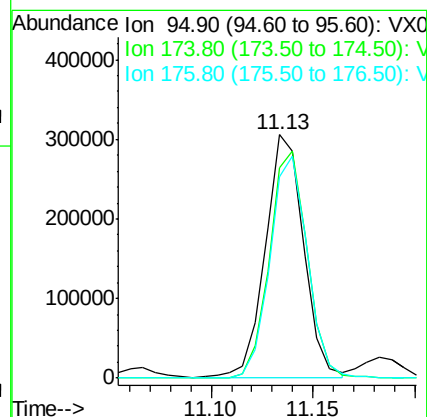
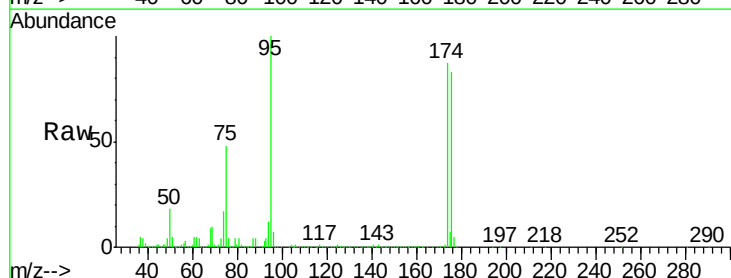
Tgt Ion: 95 Resp: 397949

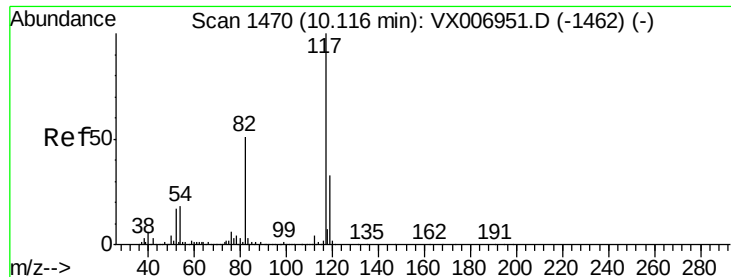
Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 90.0 0.0 178.8

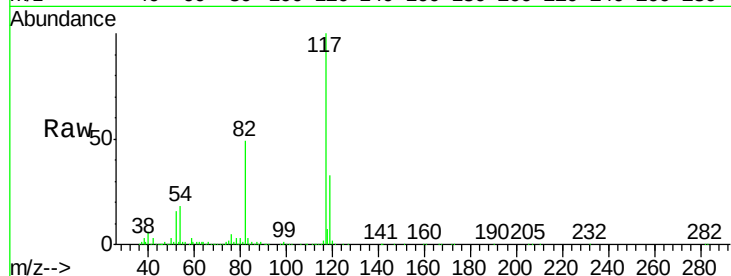




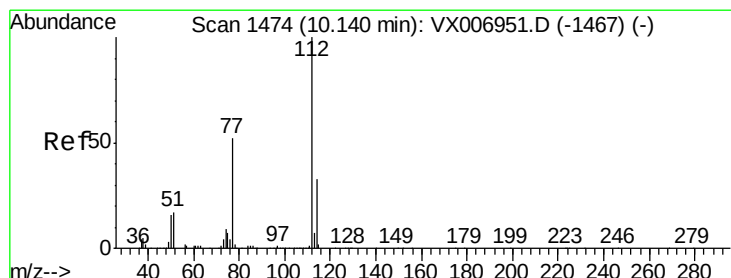
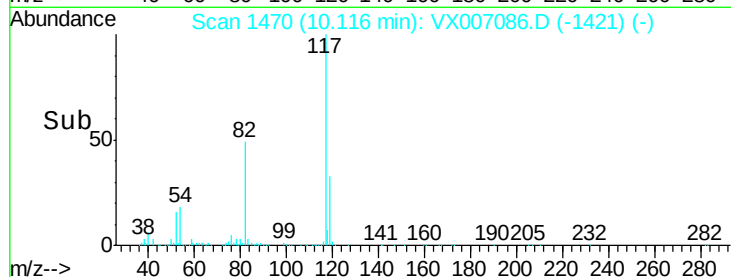
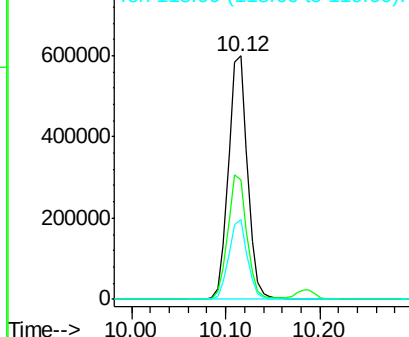
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115

Tot Ion:117 Resp: 844005
Ion Ratio Lower Upper
117 100
82 49.2 41.0 61.6
119 32.6 25.4 38.0

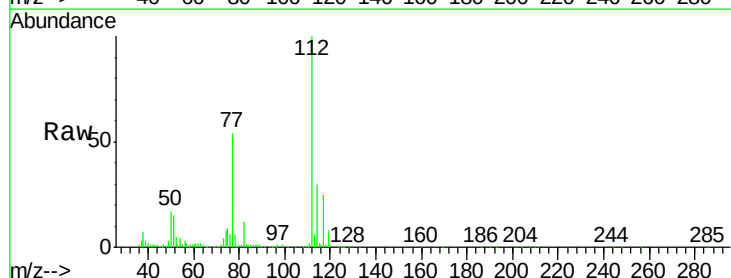


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

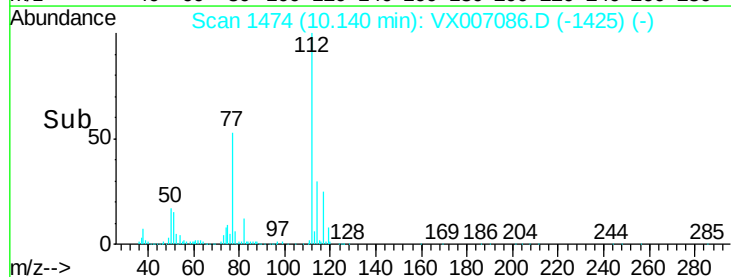
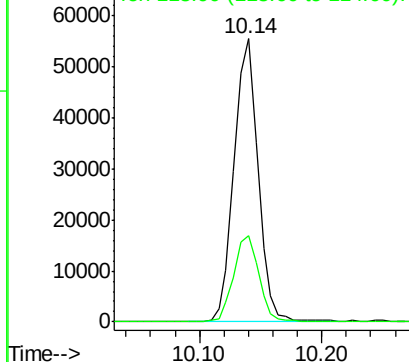


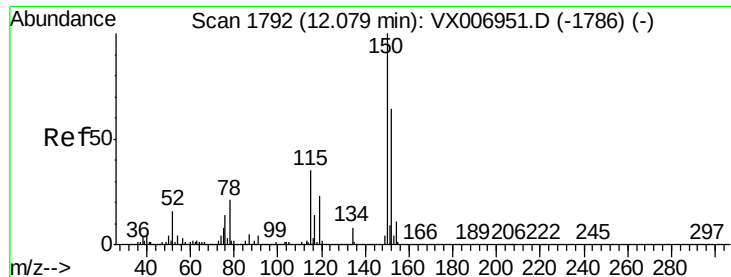
#65
Chlorobenzene
Concen: 4.099 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Tgt Ion:112 Resp: 75452
Ion Ratio Lower Upper
112 100
114 30.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



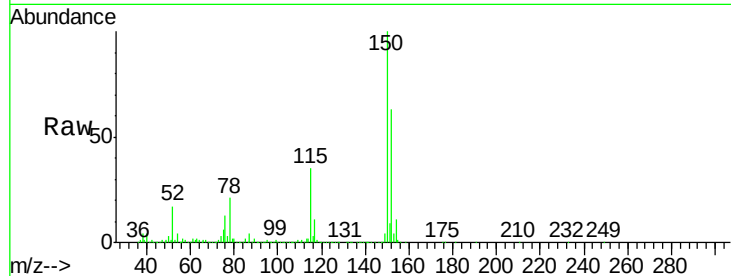


#72

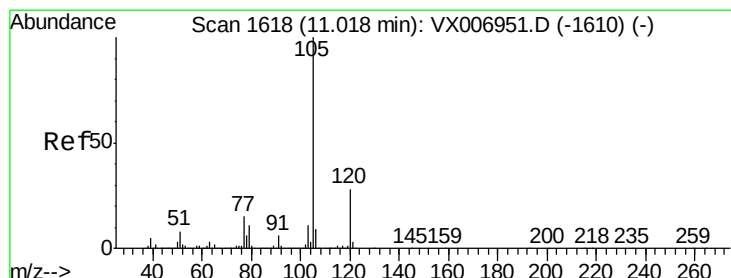
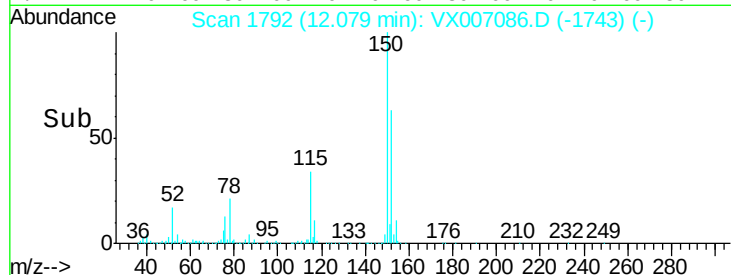
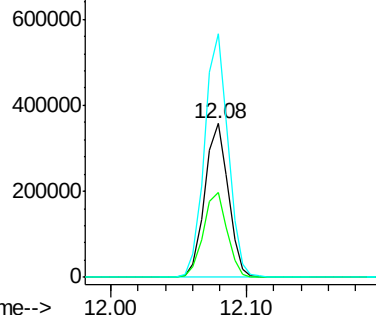
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.1	117.2
150	158.4	0.0	344.8



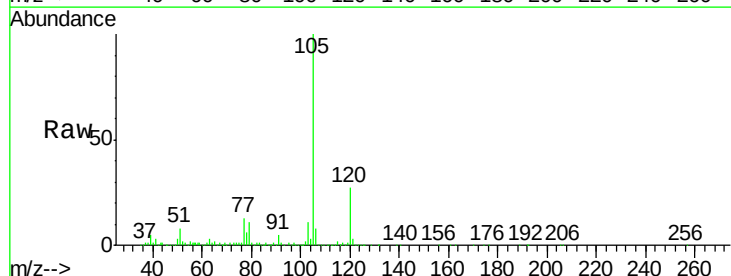
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



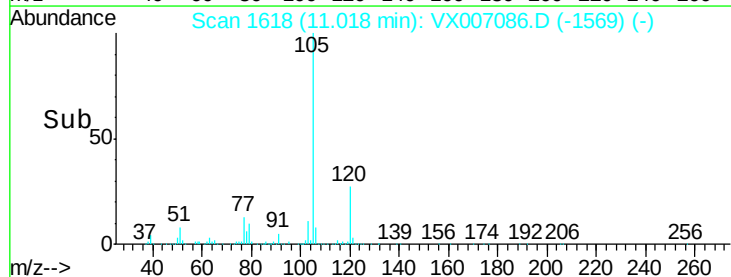
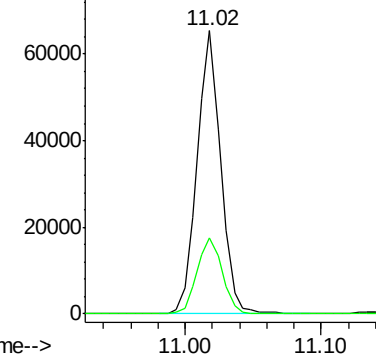
#73

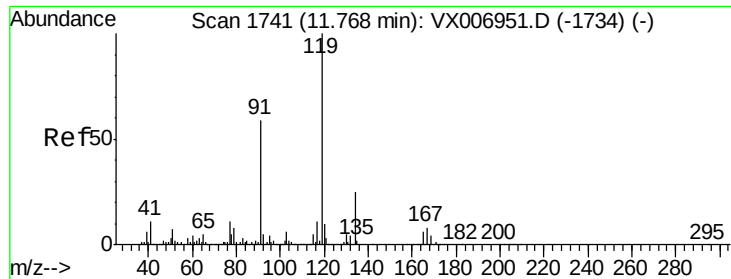
Isopropylbenzene
Concen: 2.586 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.6	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

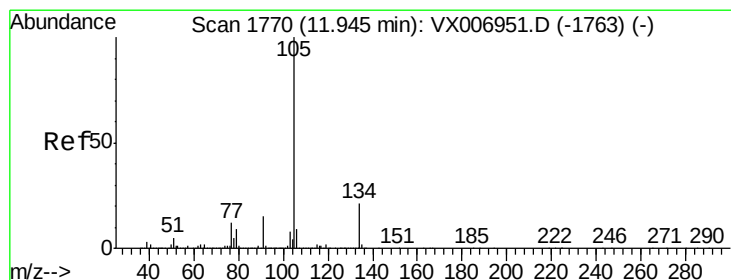
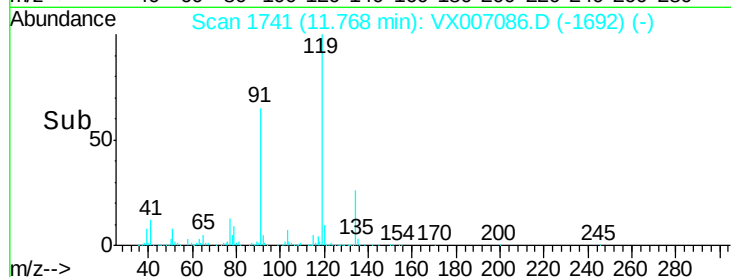
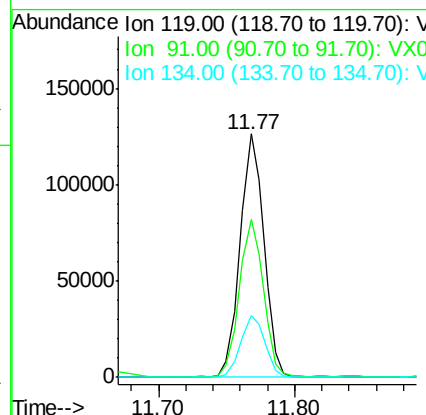
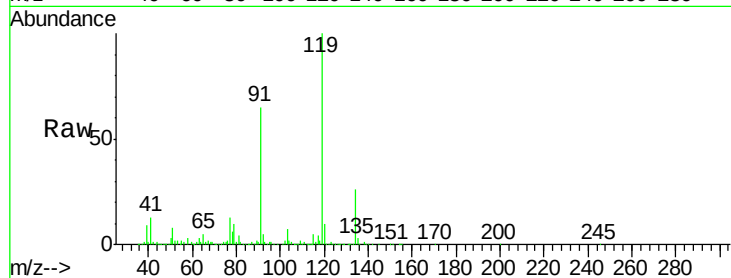




#83
tert-Butylbenzene
Concen: 6.104 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Instrument :
MSVOA_X
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SS038RW150-190115

Tot Ion:119 Resp: 154116
Ion Ratio Lower Upper
119 100
91 65.0 27.7 83.1
134 26.1 11.9 35.5



#85
sec-Butylbenzene
Concen: 14.205 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Tgt Ion:105 Resp: 428333
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

