

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
 Data File : VX007613.D
 Acq On : 19 Feb 2019 15:10
 Operator : JC/SP
 Sample : K1528-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Feb 20 04:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

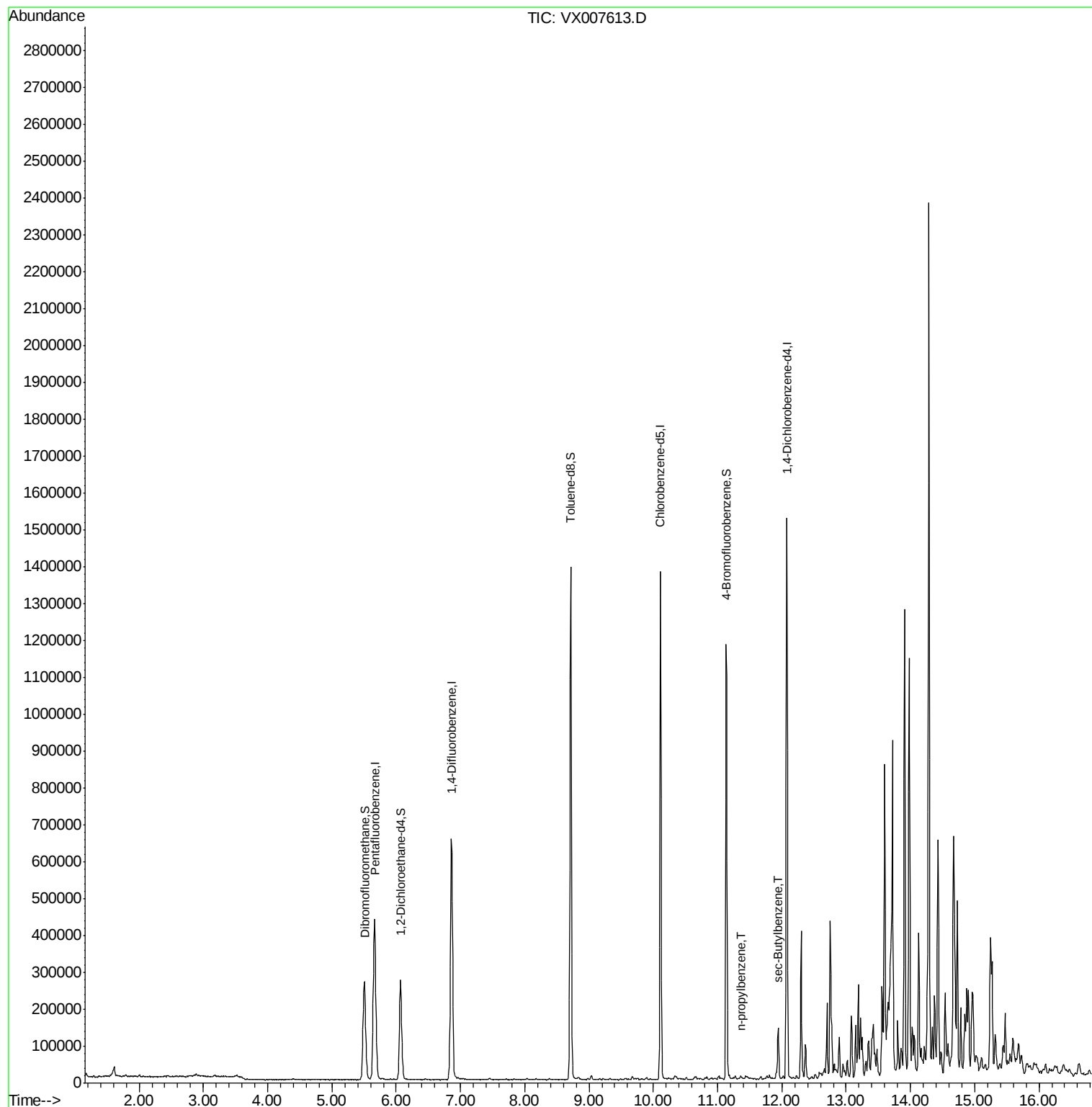
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	450045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	692586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	667756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	333375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	248232	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	5.51	113	226634	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	835532	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	305037	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
78) n-propylbenzene	11.36	91	5116	0.206	ug/l	94
85) sec-Butylbenzene	11.94	105	73510	3.310	ug/l	95

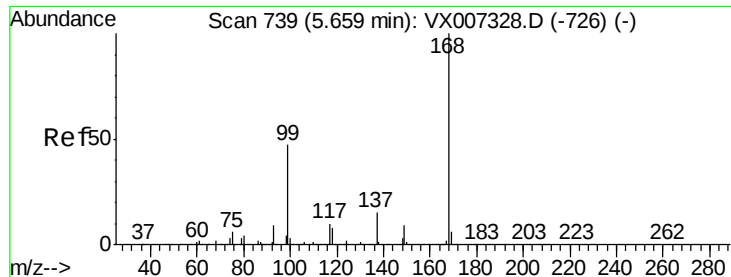
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007613.D

Acq: 19 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampled :

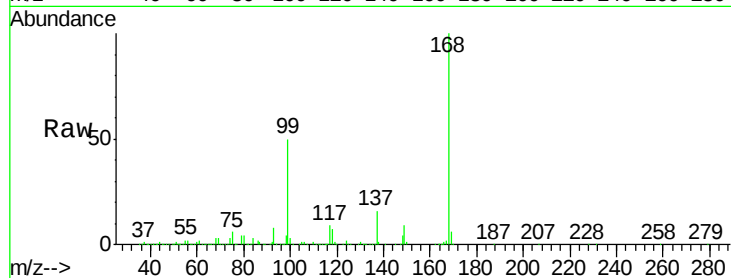
MW-4

Tot Ion:168 Resp: 450045

Ion Ratio Lower Upper

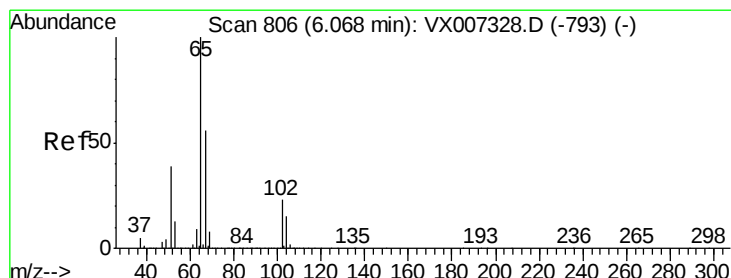
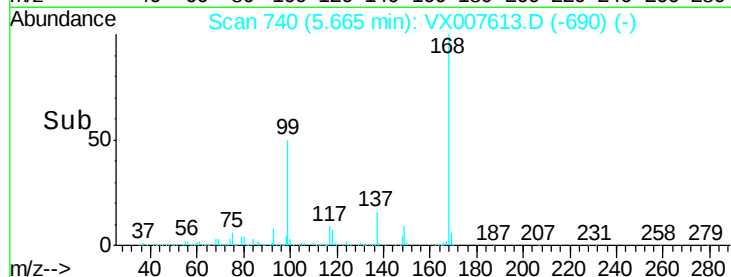
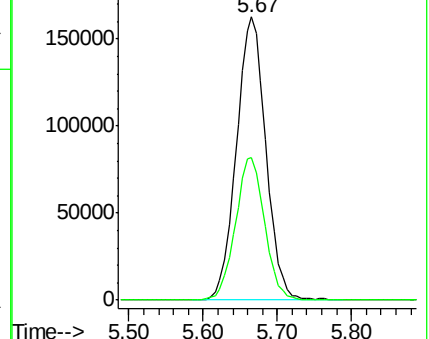
168 100

99 50.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.965 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007613.D

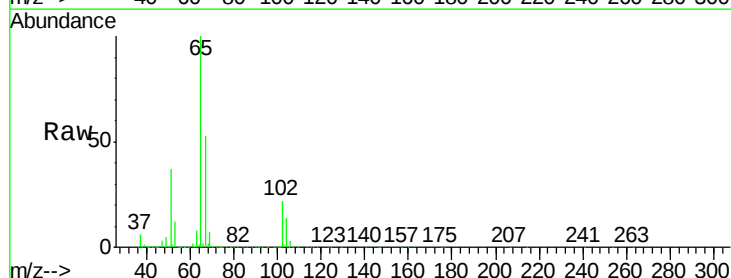
Acq: 19 Feb 2019 15:10

Tgt Ion: 65 Resp: 248232

Ion Ratio Lower Upper

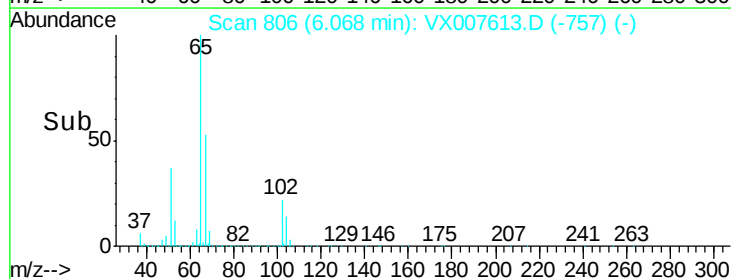
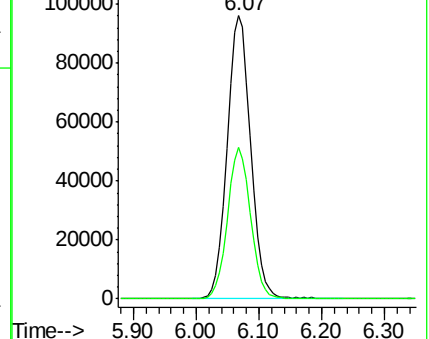
65 100

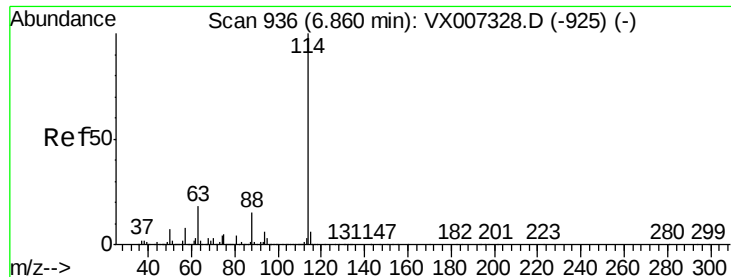
67 52.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007613.D

Acq: 19 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

MW-4

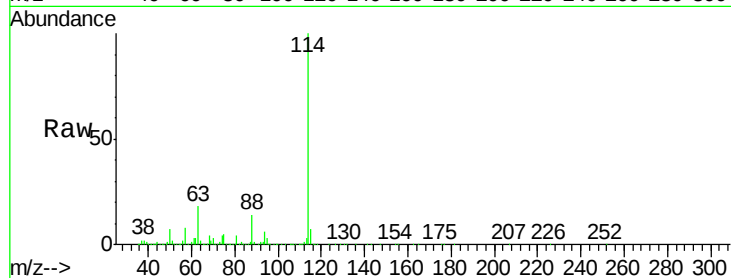
Tot Ion:114 Resp: 692586

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

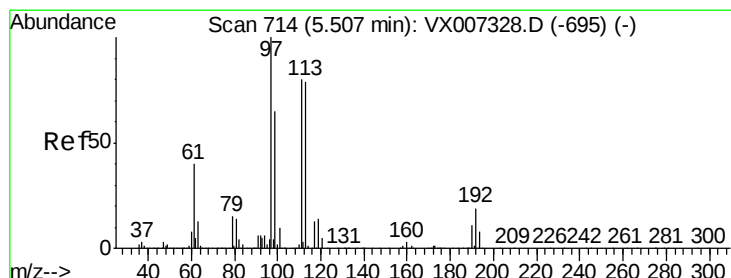
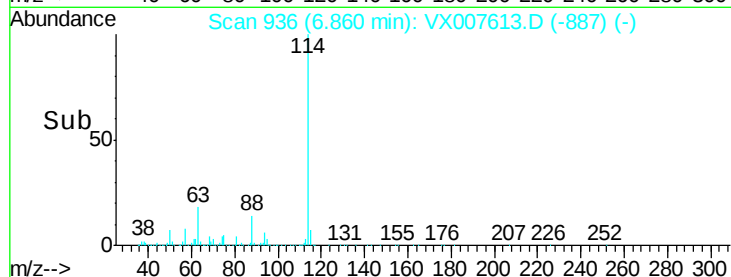
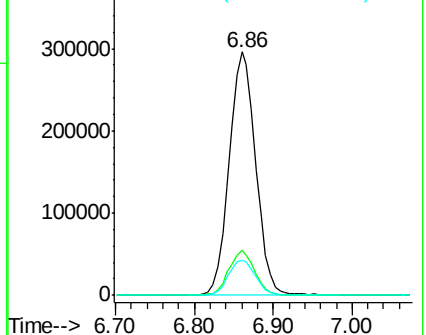
88 14.4 0.0 29.6



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: 50.291 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007613.D

Acq: 19 Feb 2019 15:10

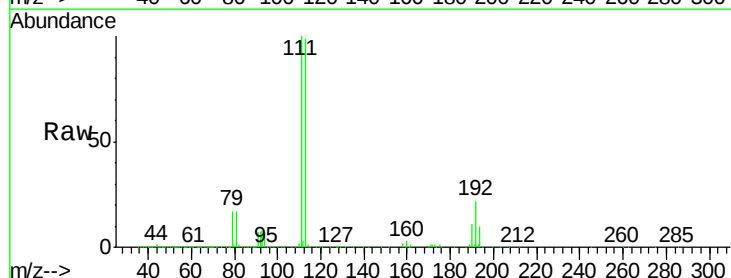
Tgt Ion:113 Resp: 226634

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

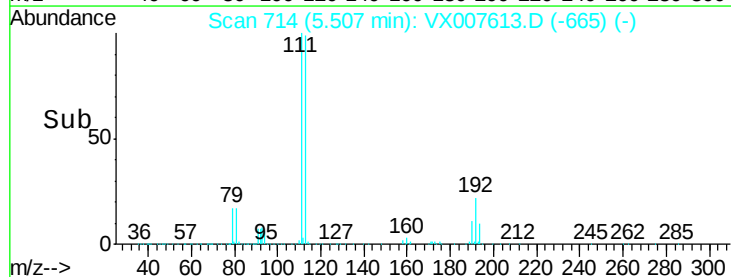
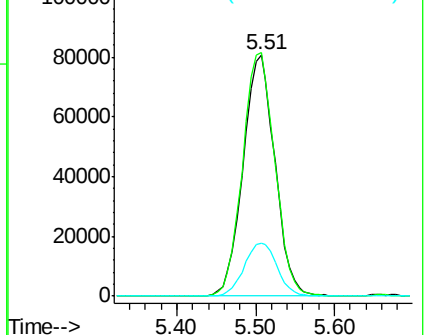
192 22.9 18.5 27.7

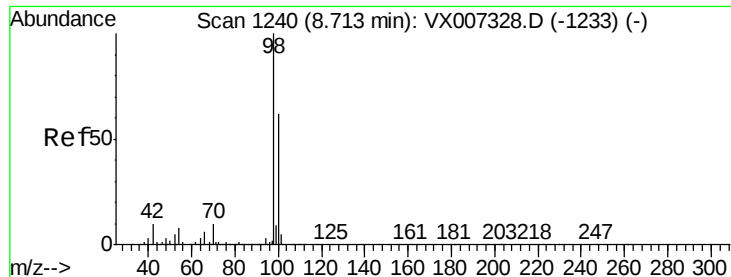


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.973 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007613.D

Acq: 19 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampled :

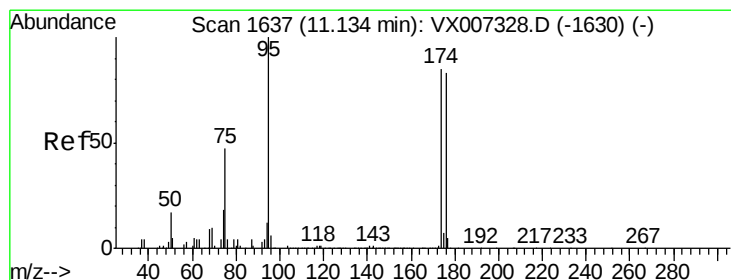
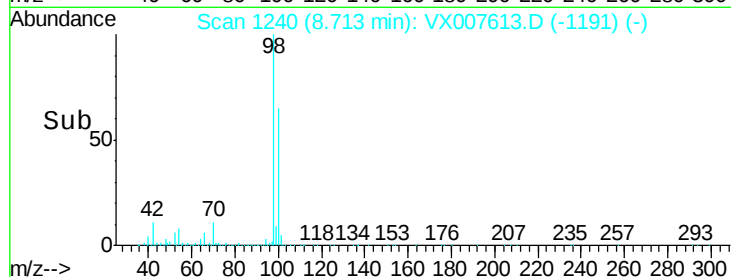
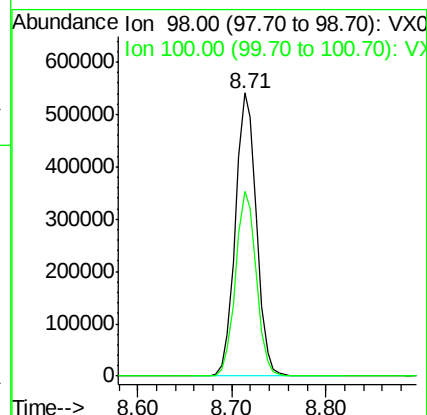
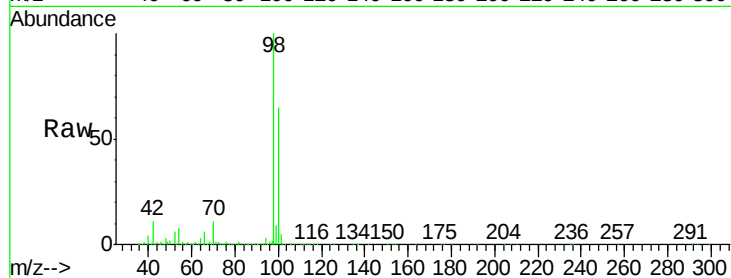
MW-4

Tot Ion: 98 Resp: 835532

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 49.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007613.D

Acq: 19 Feb 2019 15:10

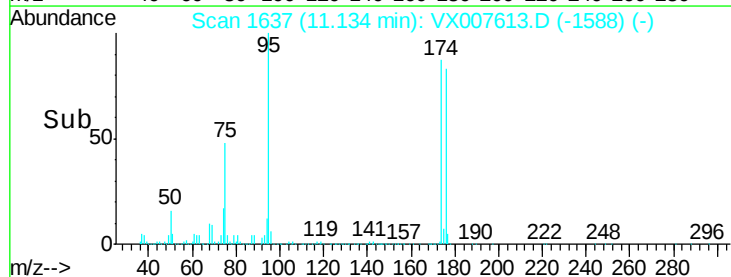
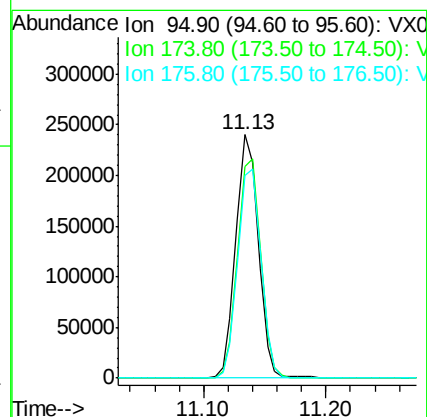
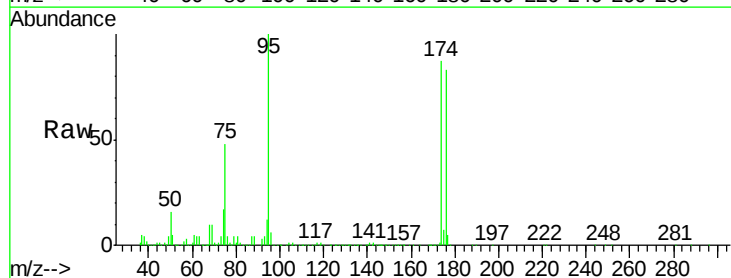
Tgt Ion: 95 Resp: 305037

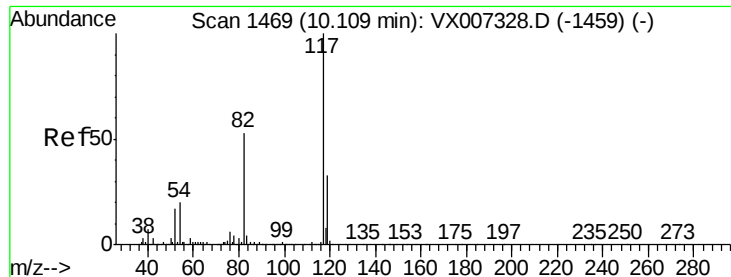
Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

176 89.0 0.0 186.2

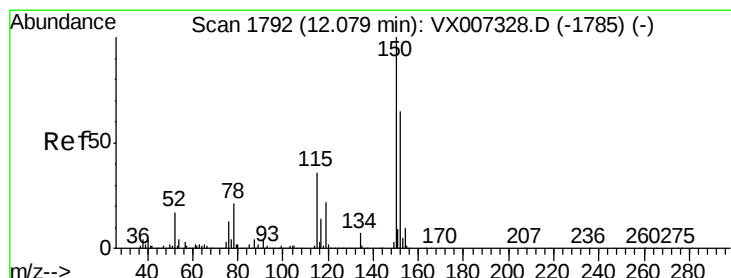
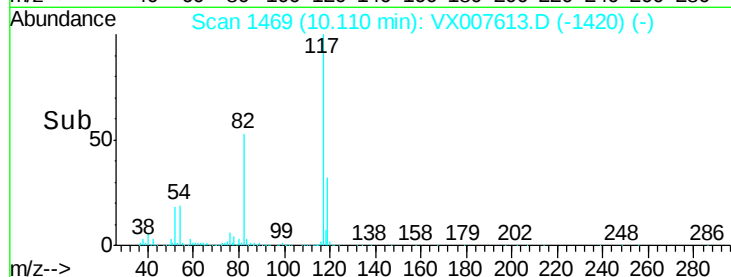
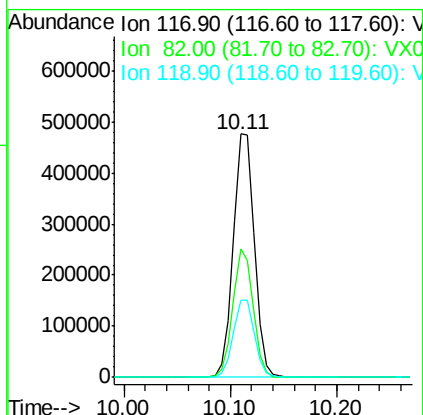
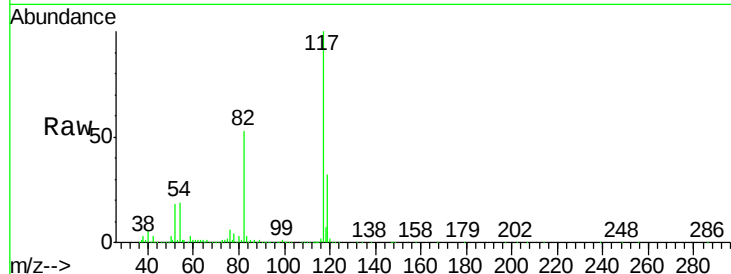




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007613.D
Acq: 19 Feb 2019 15:10

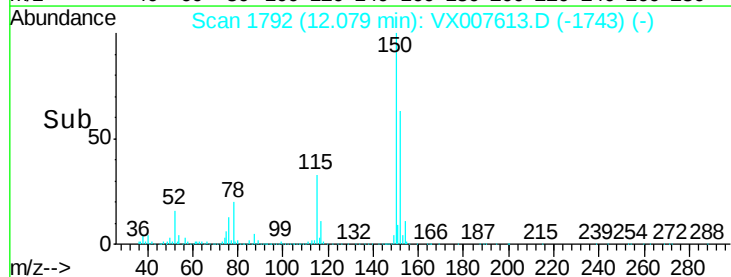
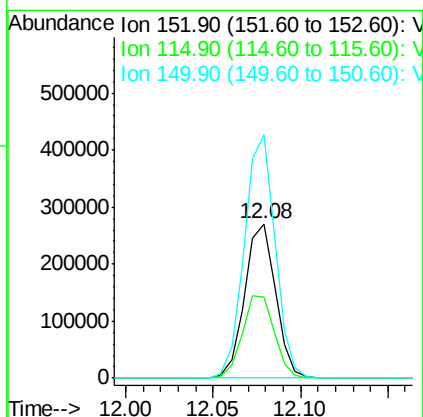
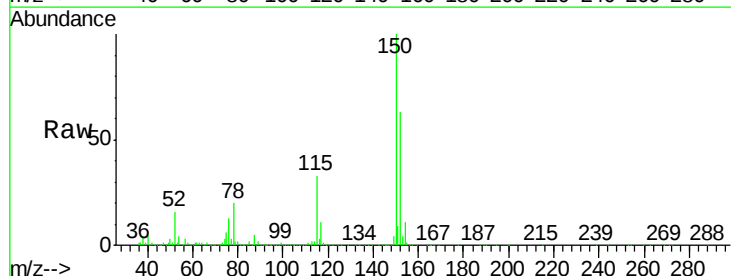
Instrument :
MSVOA_X
ClientSampleId :
MW-4

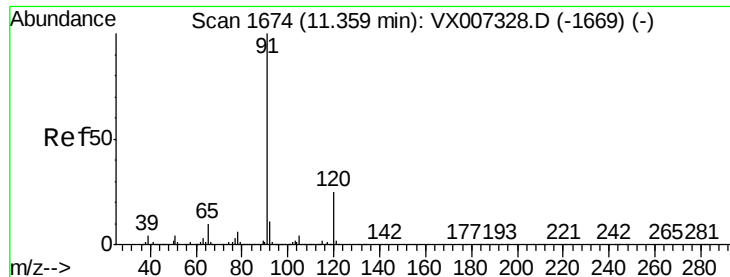
Tot Ion:117 Resp: 667756
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007613.D
Acq: 19 Feb 2019 15:10

Tgt Ion:152 Resp: 333375
Ion Ratio Lower Upper
152 100
115 55.2 38.0 114.0
150 157.6 0.0 346.4





#78

n-propylbenzene

Concen: 0.206 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007613.D

Acq: 19 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

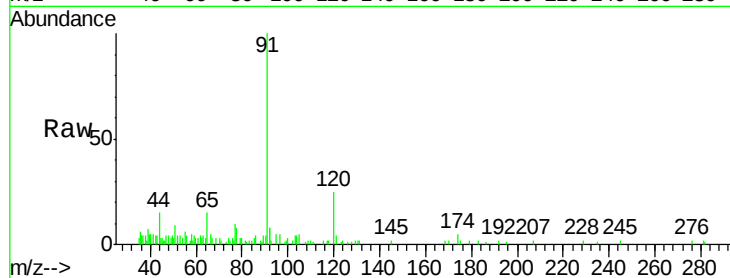
MW-4

Tot Ion: 91.00 Resp: 5116

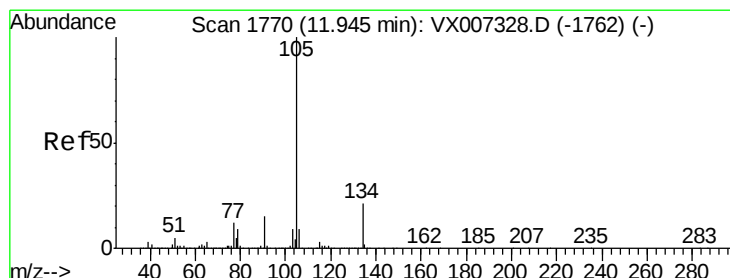
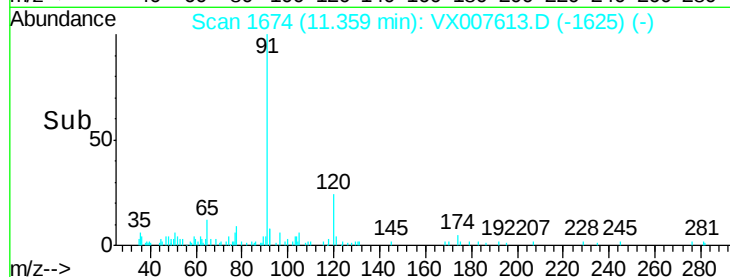
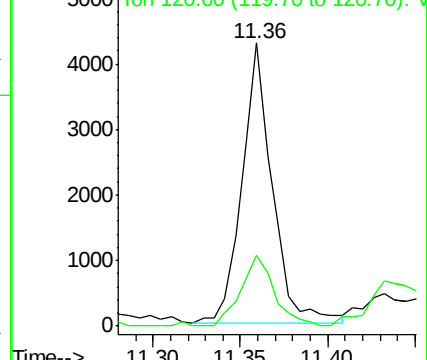
Ion Ratio Lower Upper

91 100

120 27.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX007613.D (-1625) (-)



#85

sec-Butylbenzene

Concen: 3.310 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007613.D

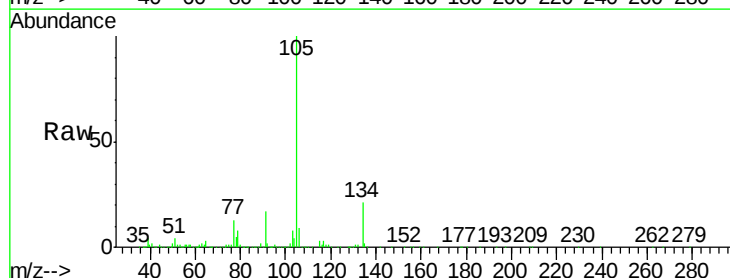
Acq: 19 Feb 2019 15:10

Tgt Ion: 105 Resp: 73510

Ion Ratio Lower Upper

105 100

134 23.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): VX007613.D (-1721) (-)

