

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011631.D
 Acq On : 19 Aug 2019 14:55
 Operator : JC/SP
 Sample : K4351-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0144

Quant Time: Aug 20 10:51:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

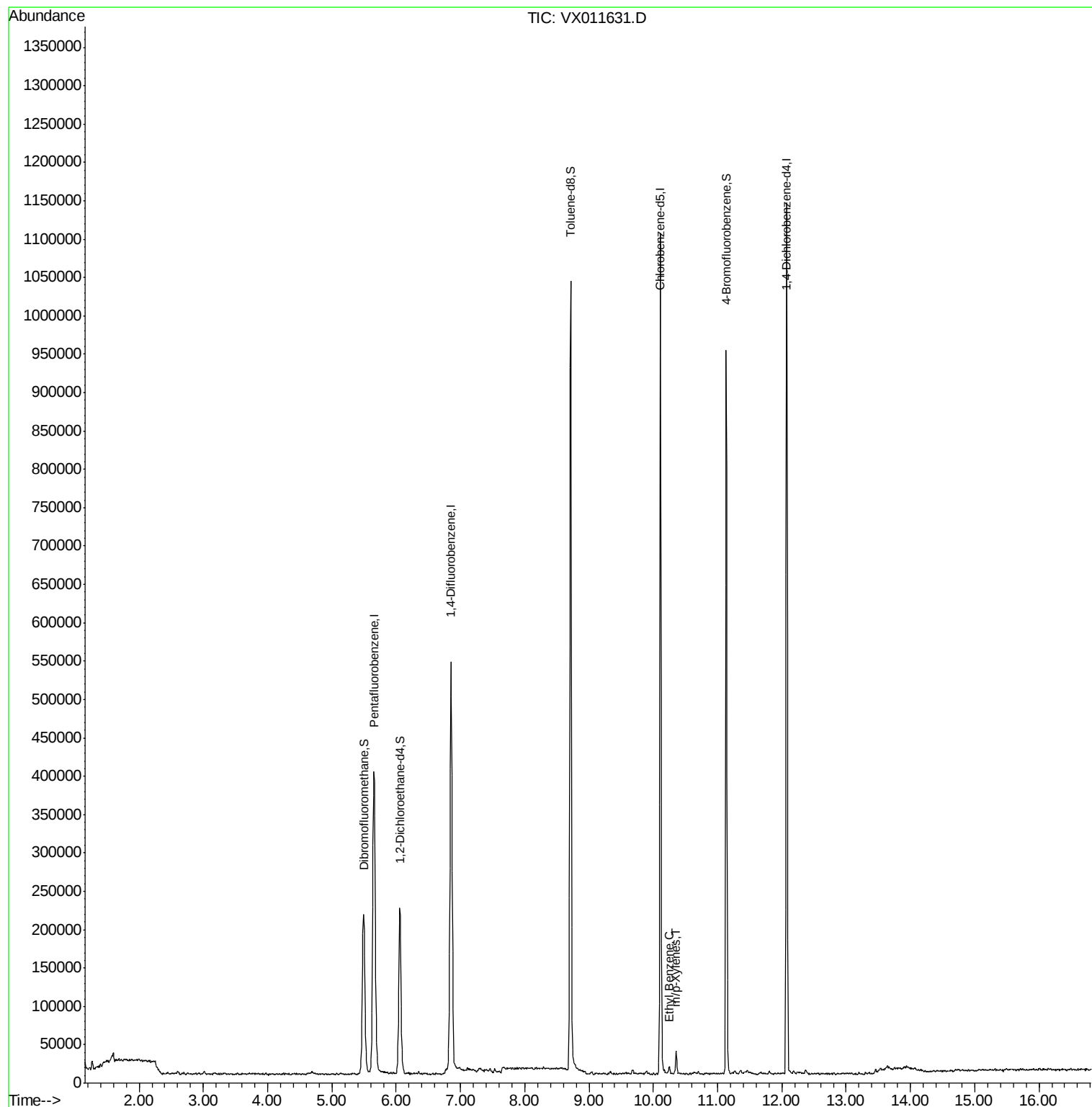
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	433896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	566177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	532874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	206862	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
35) Dibromofluoromethane	5.49	113	178401	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	630213	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
62) 4-Bromofluorobenzene	11.13	95	238214	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
Target Compounds						
67) Ethyl Benzene	10.25	91	5512	0.291	ug/l	98
68) m/p-Xylenes	10.36	106	7363	1.011	ug/l	94

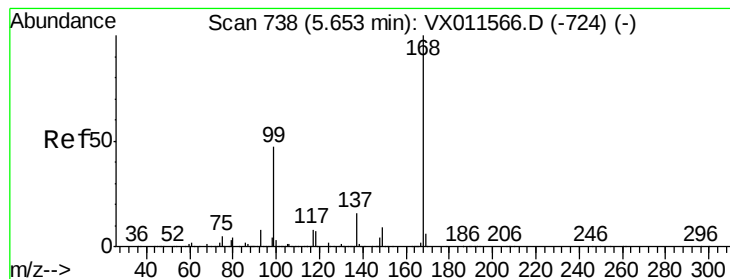
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011631.D

Acq: 19 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

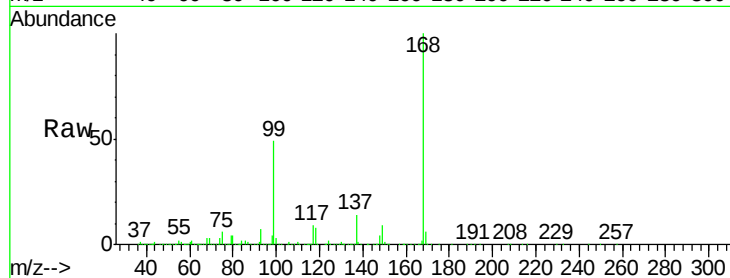
PH2-0144

Tot Ion:168 Resp: 433896

Ion Ratio Lower Upper

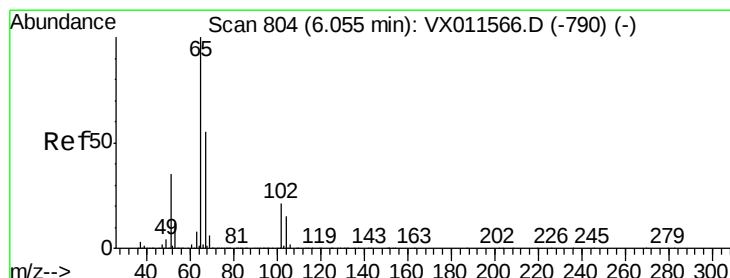
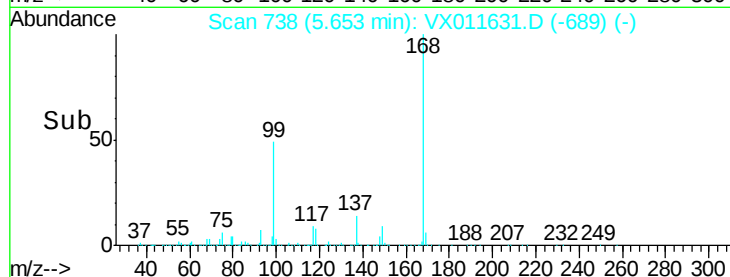
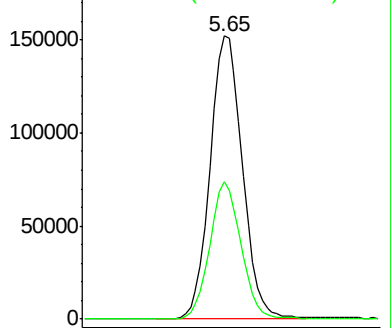
168 100

99 48.7 37.3 55.9



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: 51.410 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011631.D

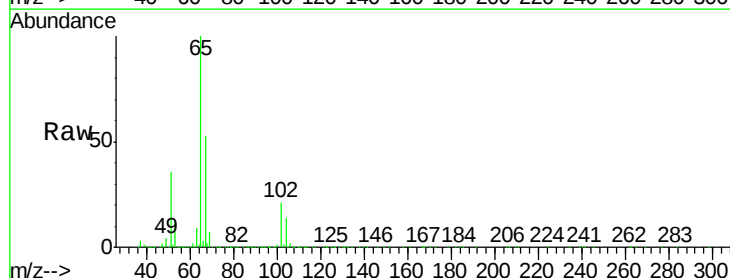
Acq: 19 Aug 2019 14:55

Tgt Ion: 65 Resp: 206862

Ion Ratio Lower Upper

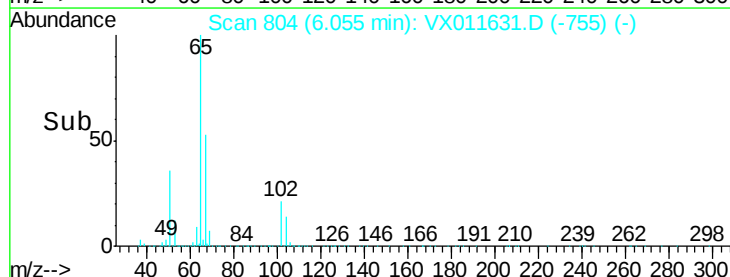
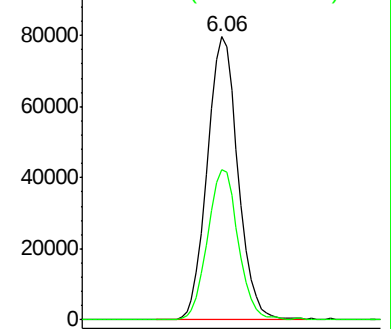
65 100

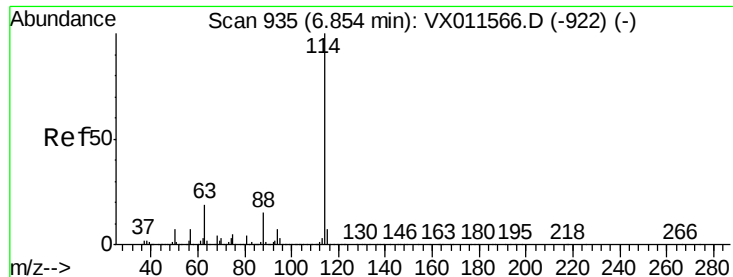
67 52.9 0.0 107.6



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: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011631.D

Acq: 19 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

PH2-0144

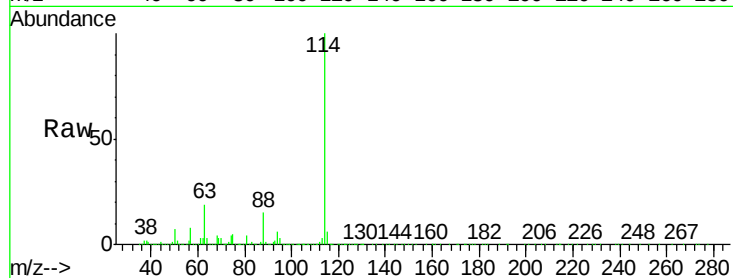
Tot Ion:114 Resp: 566177

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

88 15.1 0.0 30.2



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

300000

250000

200000

150000

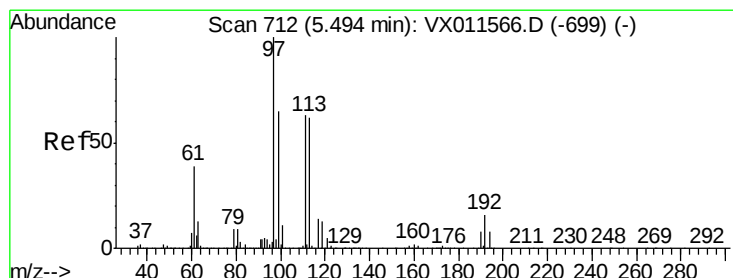
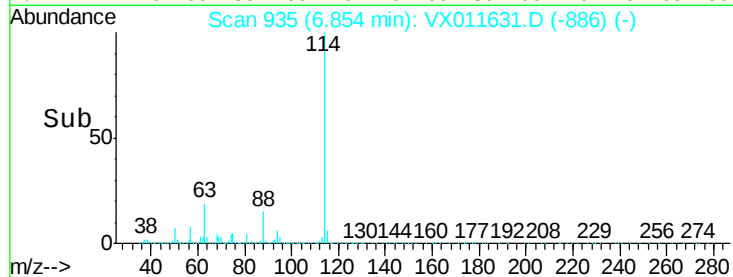
100000

50000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 48.175 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011631.D

Acq: 19 Aug 2019 14:55

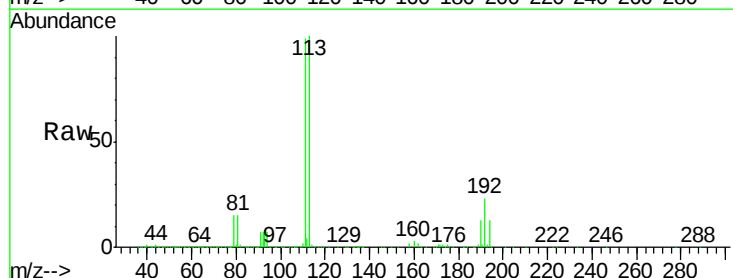
Tgt Ion:113 Resp: 178401

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

192 25.9 20.8 31.2



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

80000

60000

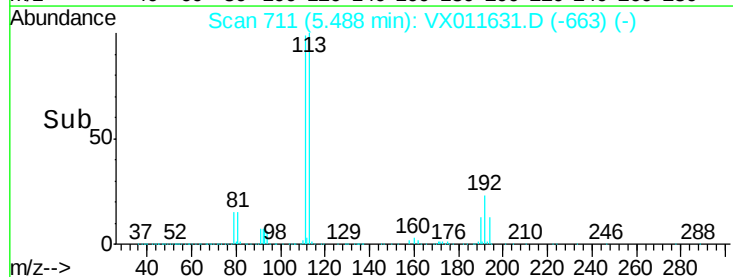
40000

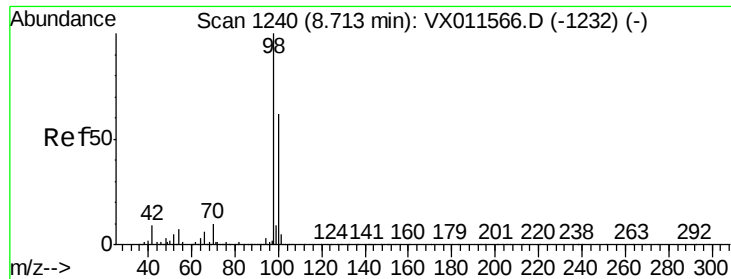
20000

0

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 54.618 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011631.D

Acq: 19 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

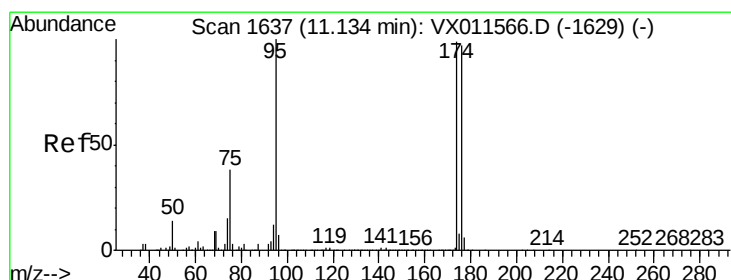
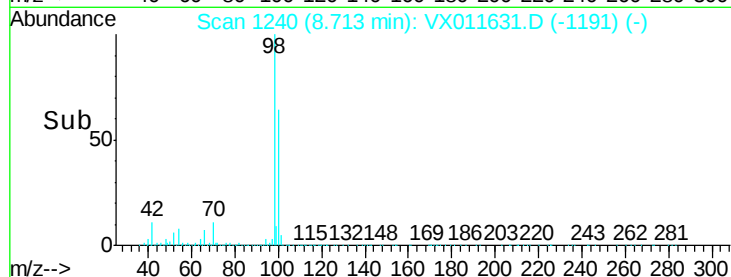
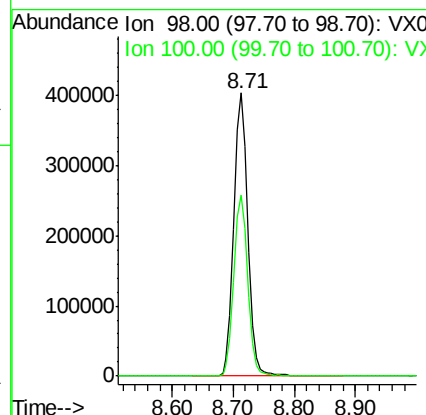
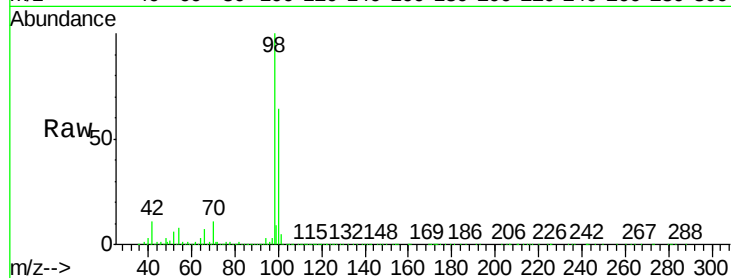
PH2-0144

Tot Ion: 98 Resp: 630213

Ion Ratio Lower Upper

98 100

100 63.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.912 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011631.D

Acq: 19 Aug 2019 14:55

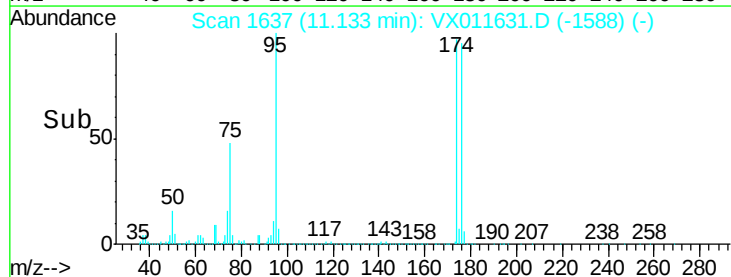
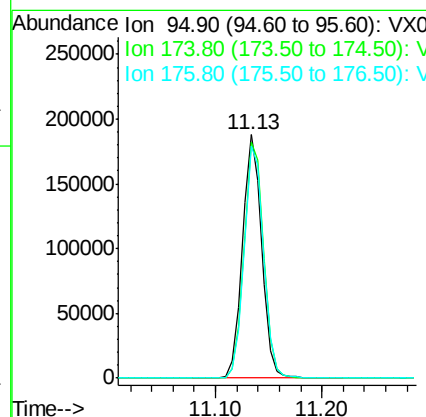
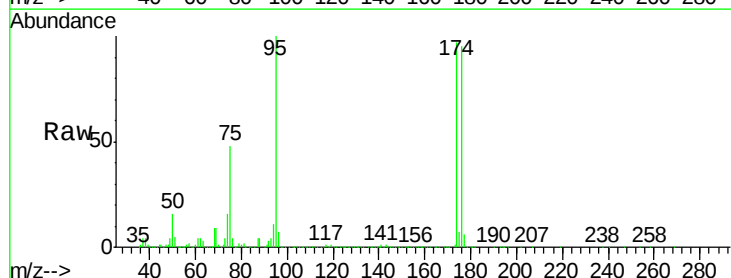
Tgt Ion: 95 Resp: 238214

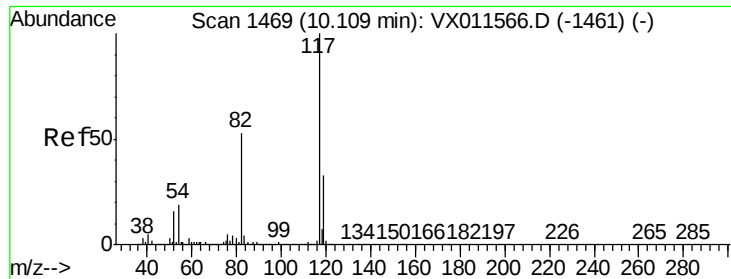
Ion Ratio Lower Upper

95 100

174 98.9 0.0 200.6

176 96.6 0.0 196.6

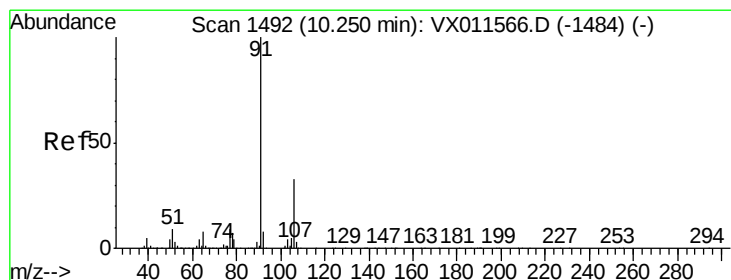
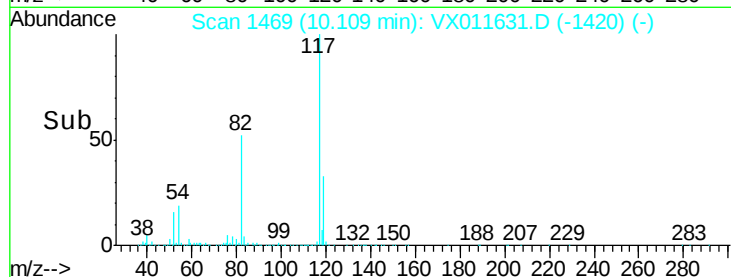
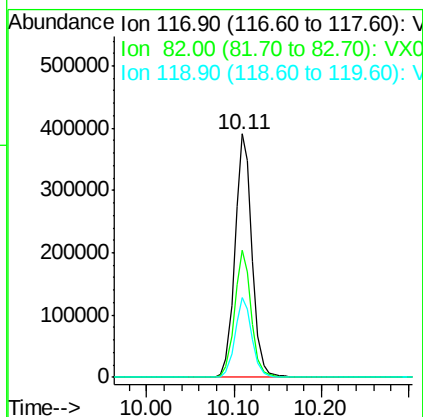
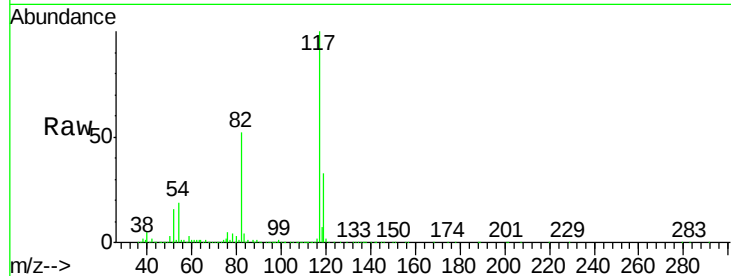




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011631.D
Acq: 19 Aug 2019 14:55

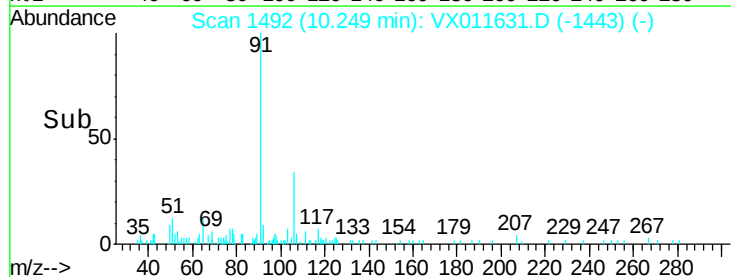
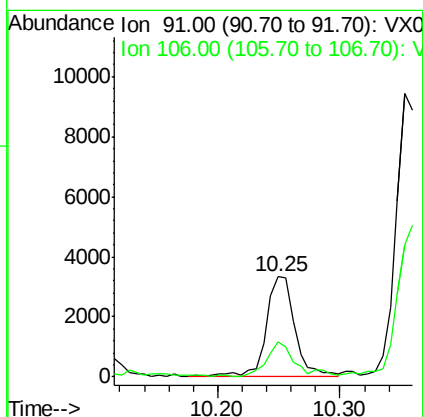
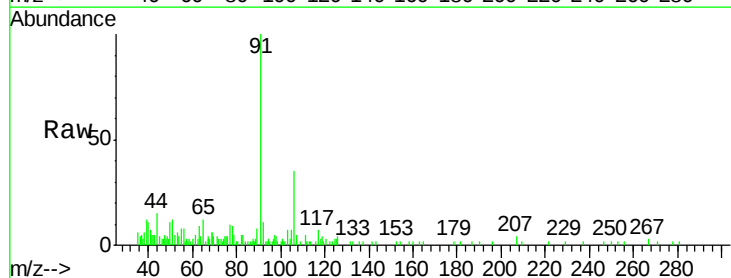
Instrument :
MSVOA_X
ClientSampled :
PH2-0144

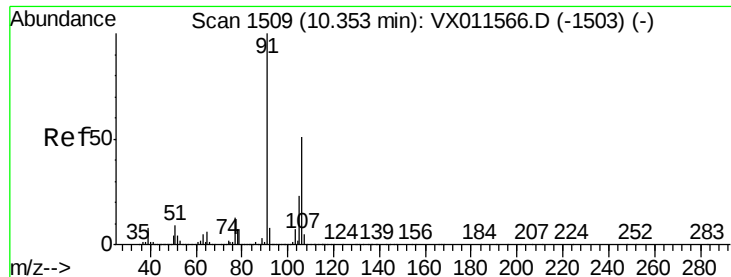
Tot Ion:117 Resp: 532874
Ion Ratio Lower Upper
117 100
82 52.1 42.0 63.0
119 32.5 26.5 39.7



#67
Ethyl Benzene
Concen: 0.291 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011631.D
Acq: 19 Aug 2019 14:55

Tgt Ion: 91 Resp: 5512
Ion Ratio Lower Upper
91 100
106 33.7 26.0 39.0





#68

m/p-Xvlenes

Concen: 1.011 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VX011631.D

Acq: 19 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

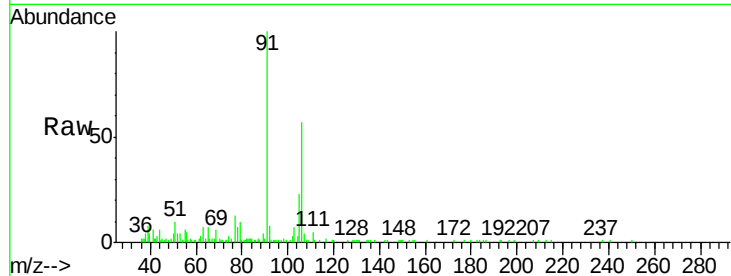
PH2-0144

Tot Ion:106 Resp: 7363

Ion Ratio Lower Upper

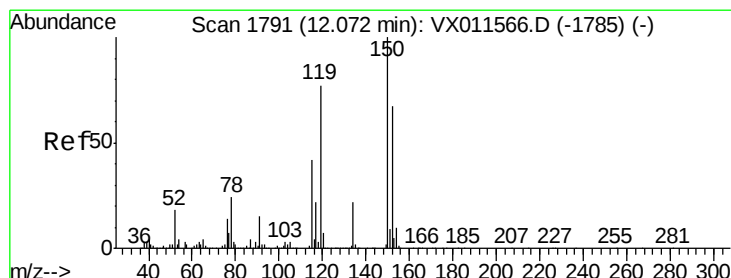
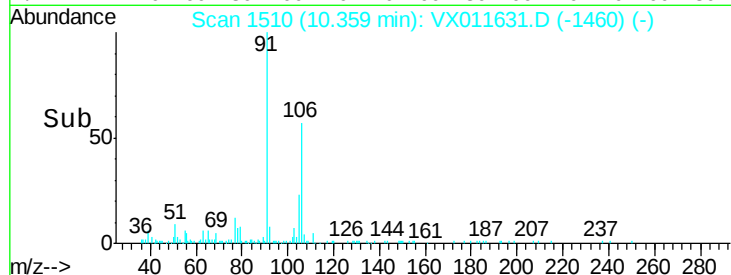
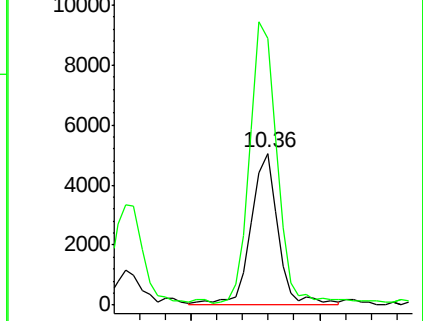
106 100

91 185.8 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011631.D

Acq: 19 Aug 2019 14:55

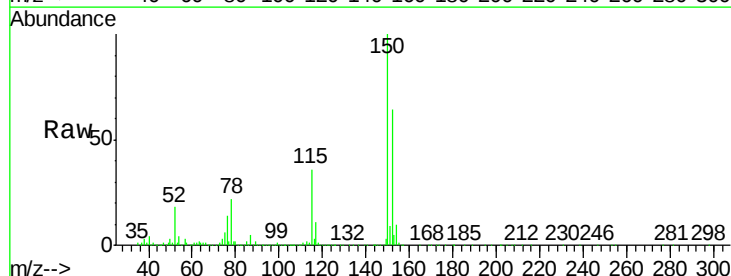
Tgt Ion:152 Resp: 259021

Ion Ratio Lower Upper

152 100

115 53.5 37.3 111.9

150 157.3 0.0 346.2



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

