

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014202.D
 Acq On : 23 Dec 2019 15:13
 Operator : JC/SP
 Sample : K6393-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-BNM-1

Quant Time: Dec 24 07:40:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

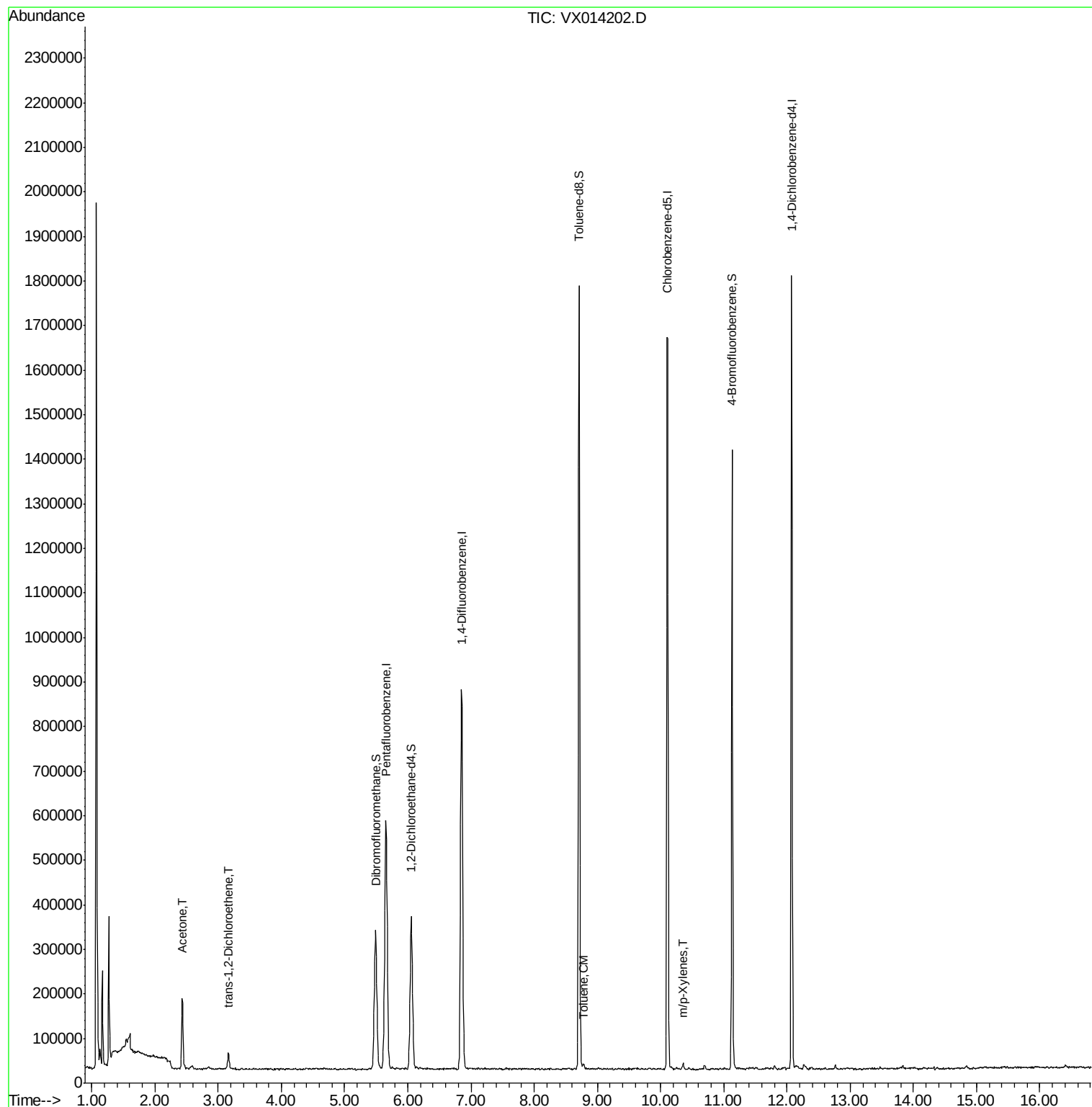
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	576416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	888260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	806384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	316285	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	267336	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	8.71	98	1051906	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	361434	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
16) Acetone	2.43	43	171180	40.361	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	16082	2.633	ug/l	89
52) Toluene	8.78	92	4879	0.308	ug/l	88
68) m/p-Xylenes	10.36	106	3792	0.334	ug/l	97

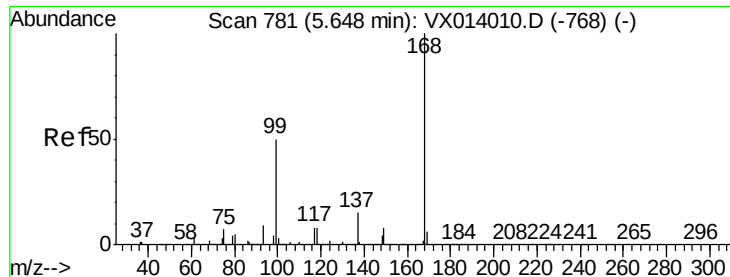
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

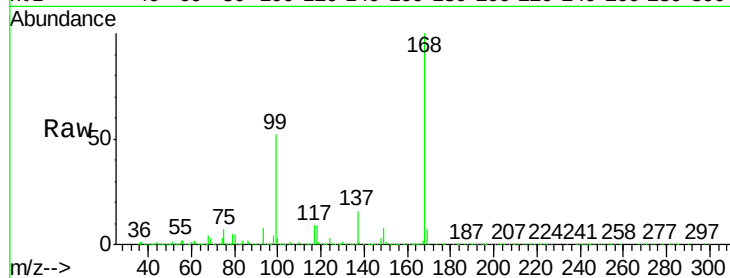
MH-BNM-1

Tot Ion:168 Resp: 576416

Ion Ratio Lower Upper

168 100

99 51.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

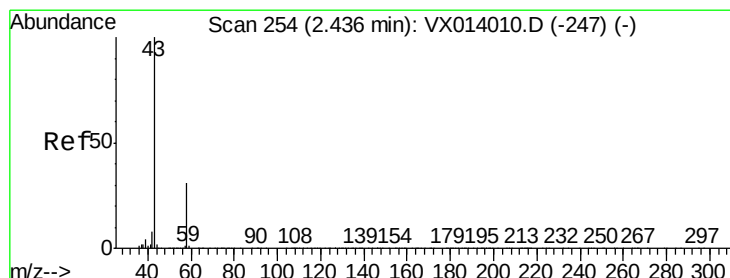
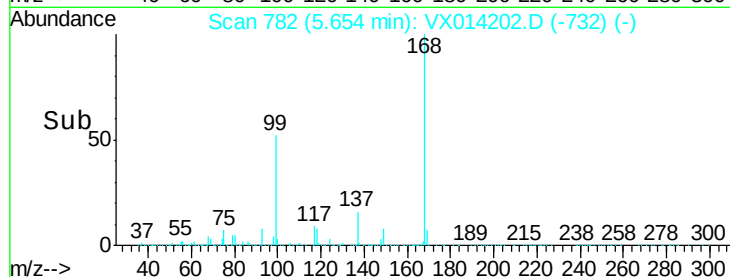
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 40.361 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014202.D

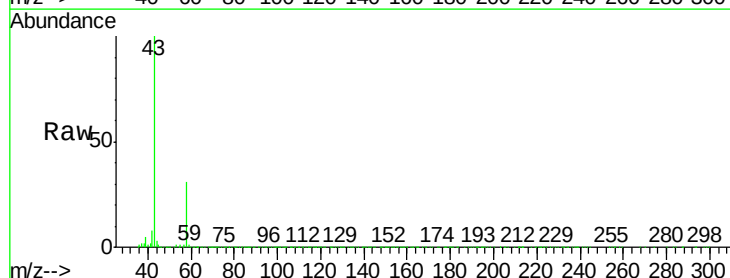
Acq: 23 Dec 2019 15:13

Tgt Ion: 43 Resp: 171180

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

120000

100000

80000

60000

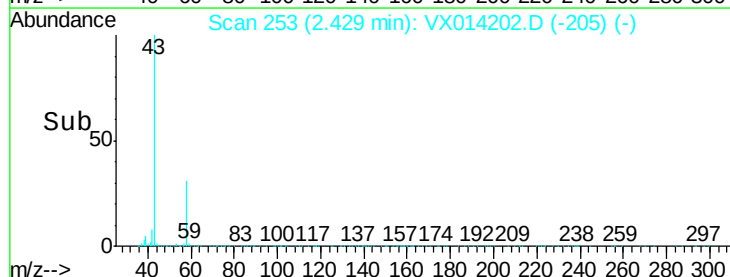
40000

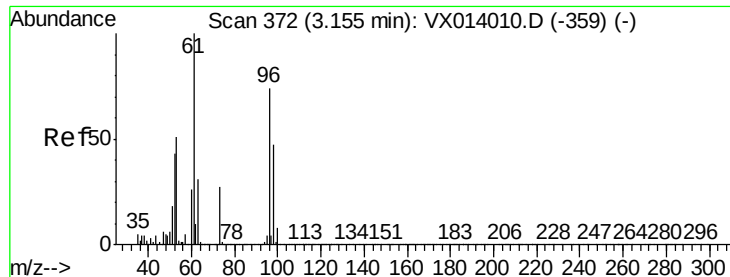
20000

0

Time-->

2.35 2.40 2.45 2.50





#21

trans-1,2-Dichloroethene

Concen: 2.633 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

MH-BNM-1

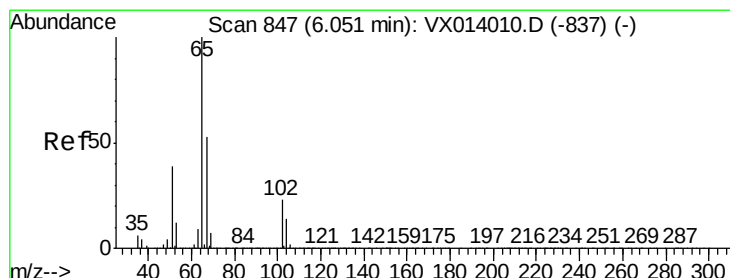
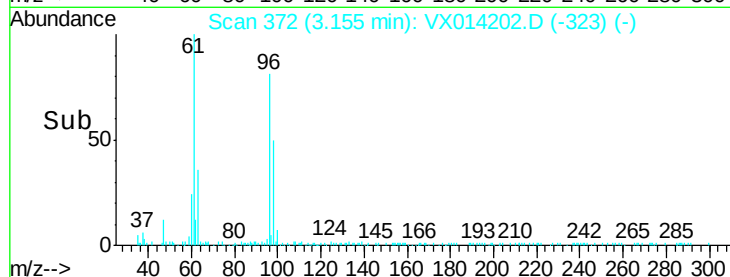
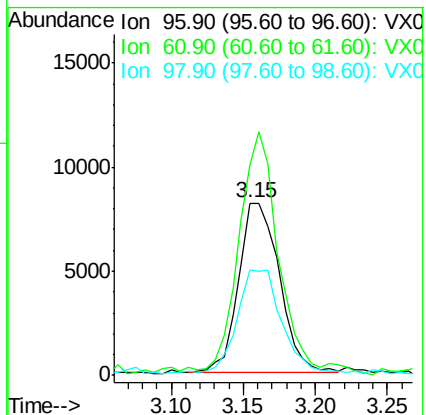
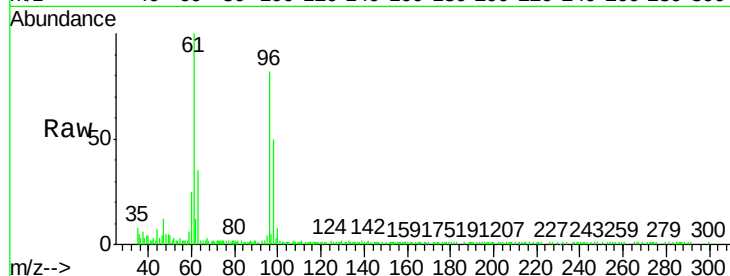
Tot Ion: 96 Resp: 16082

Ion Ratio Lower Upper

96 100

61 119.2 108.3 162.5

98 59.9 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 48.414 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014202.D

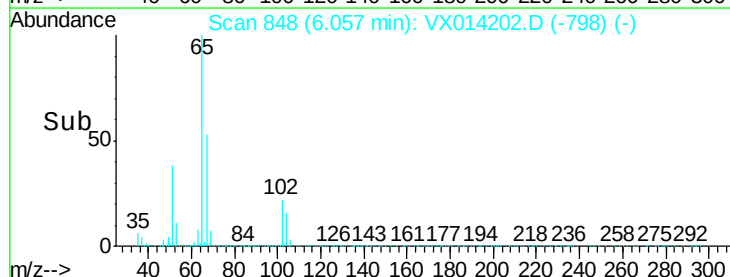
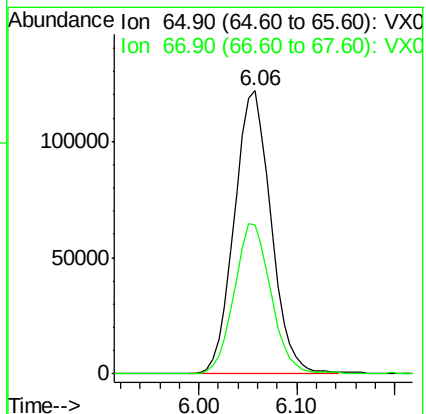
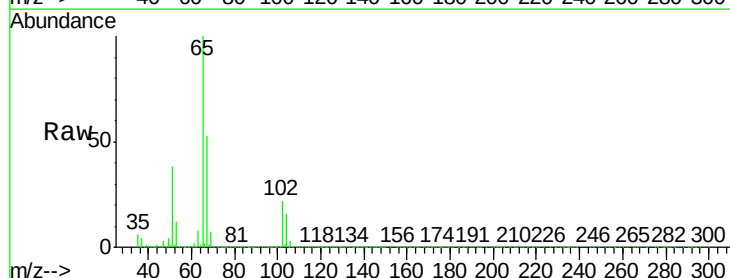
Acq: 23 Dec 2019 15:13

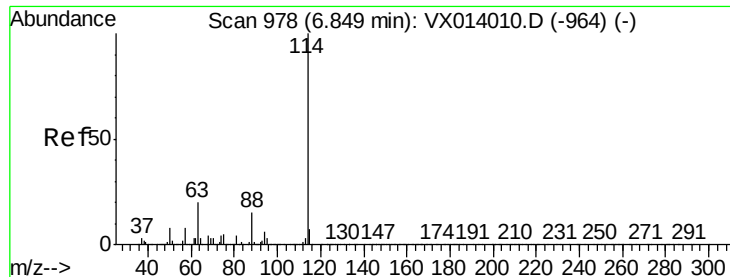
Tgt Ion: 65 Resp: 316285

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

MH-BNM-1

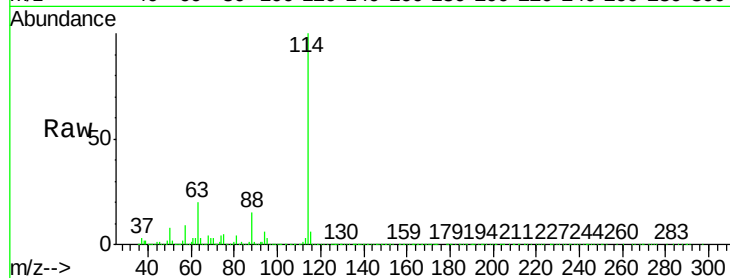
Tot Ion:114 Resp: 888260

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

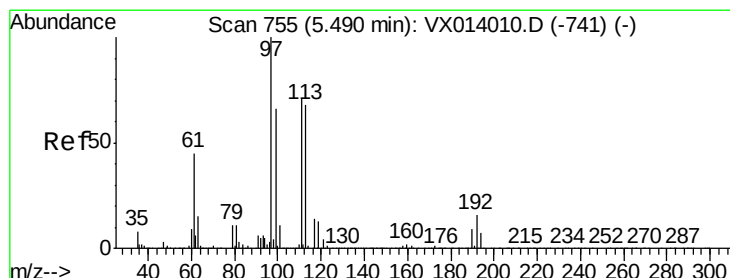
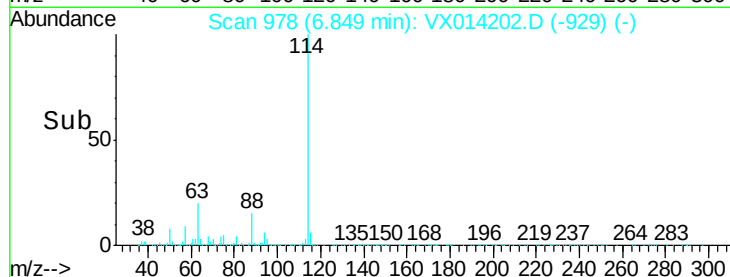
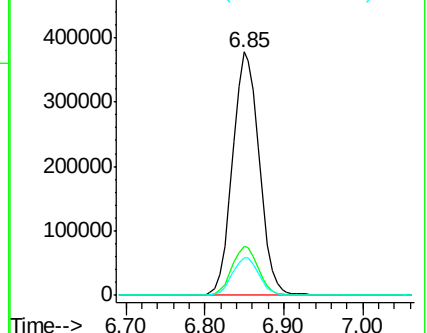
88 15.4 0.0 30.4



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: 49.510 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

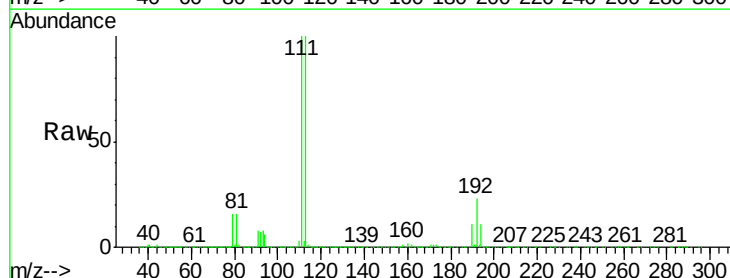
Tgt Ion:113 Resp: 267336

Ion Ratio Lower Upper

113 100

111 100.8 82.0 123.0

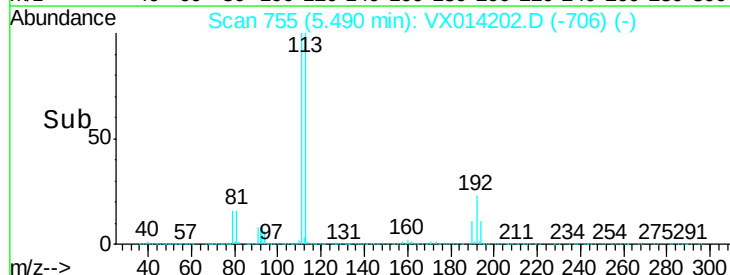
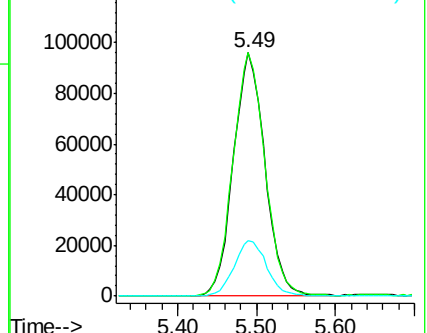
192 23.5 19.3 28.9

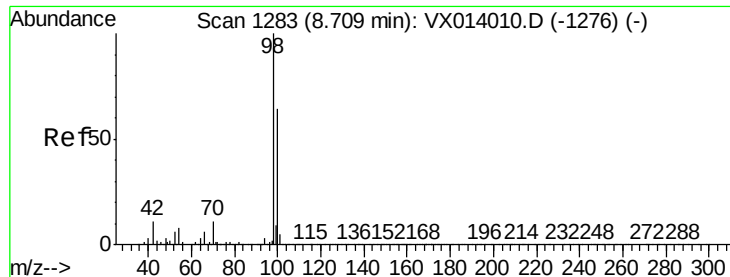


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.038 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

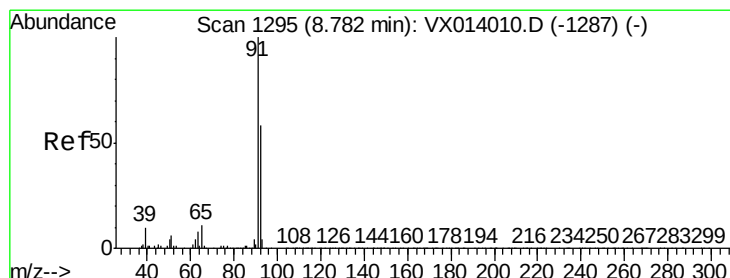
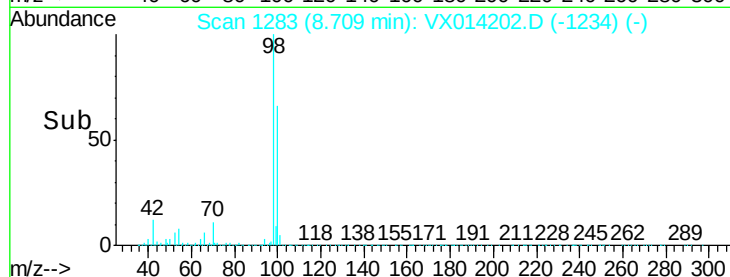
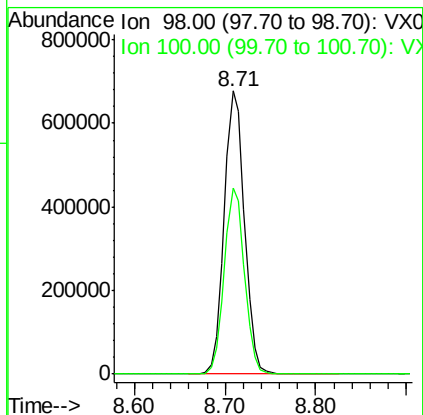
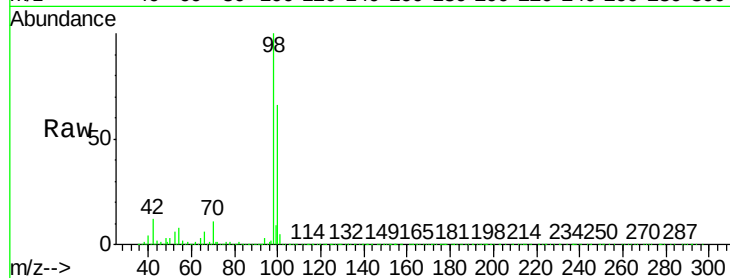
MH-BNM-1

Tot Ion: 98 Resp: 1051906

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#52

Toluene

Concen: 0.308 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014202.D

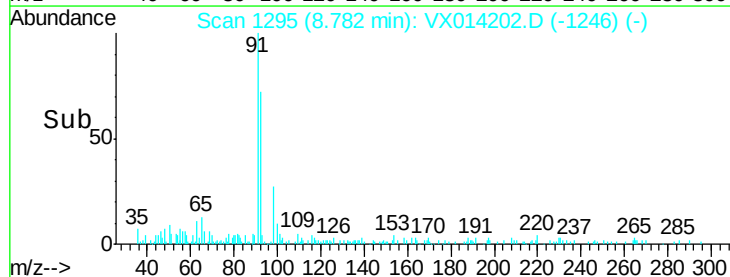
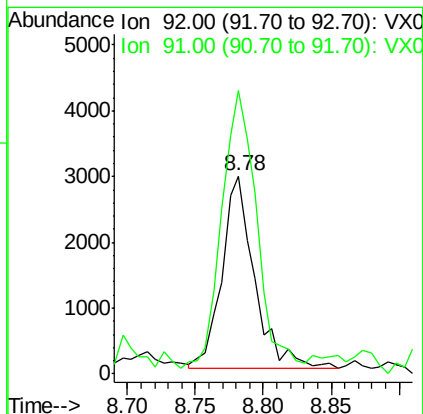
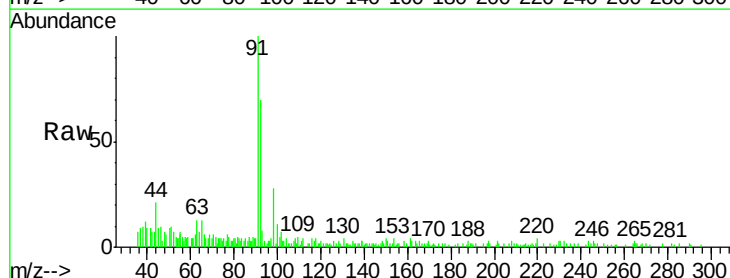
Acq: 23 Dec 2019 15:13

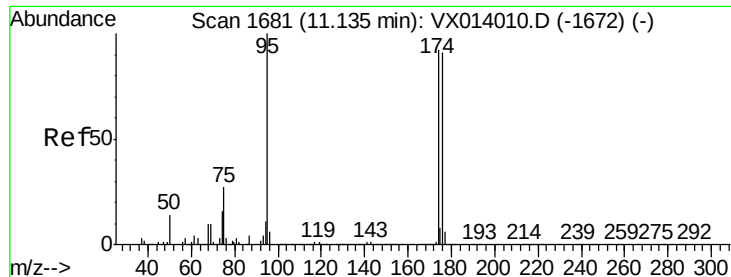
Tgt Ion: 92 Resp: 4879

Ion Ratio Lower Upper

92 100

91 153.6 136.2 204.4





#62

4-Bromofluorobenzene

Concen: 47.034 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

MH-BNM-1

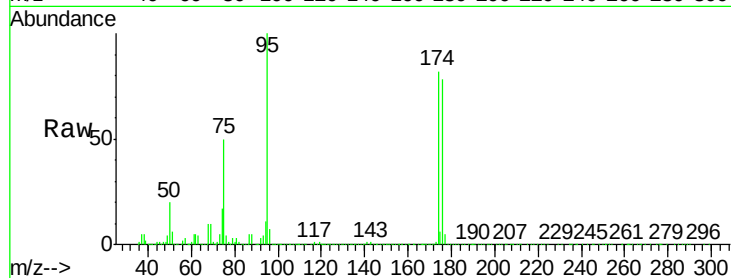
Tot Ion: 95 Resp: 361434

Ion Ratio Lower Upper

95 100

174 91.0 0.0 175.8

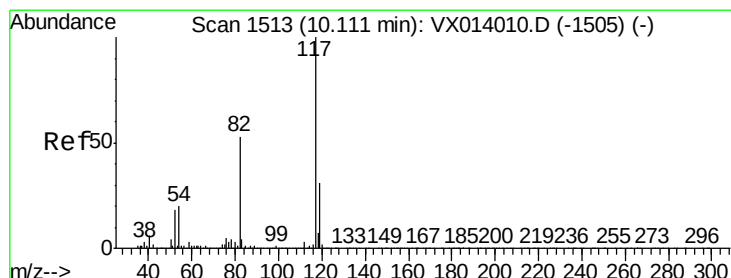
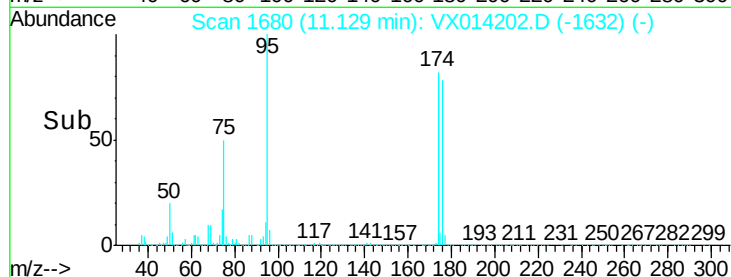
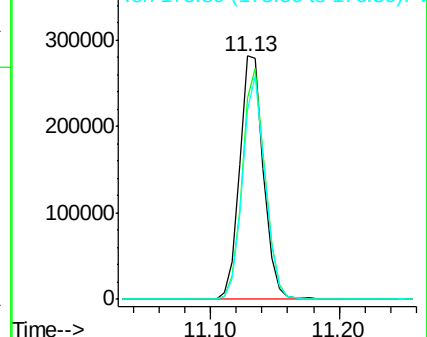
176 86.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

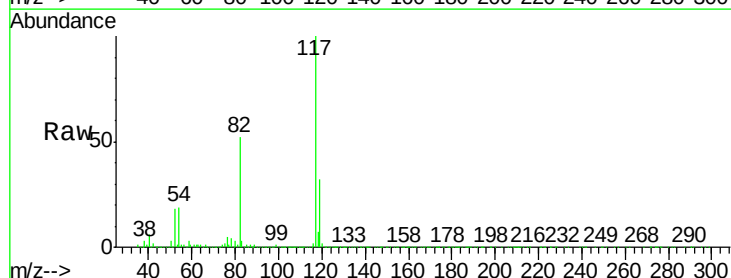
Tgt Ion: 117 Resp: 806384

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

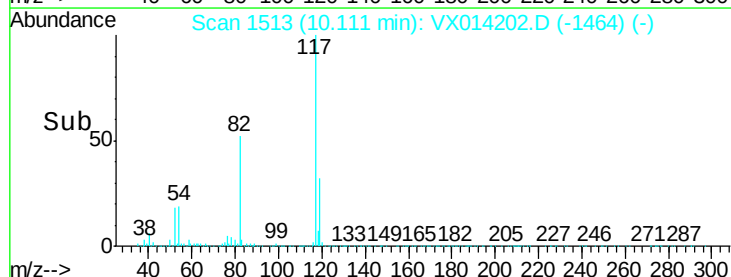
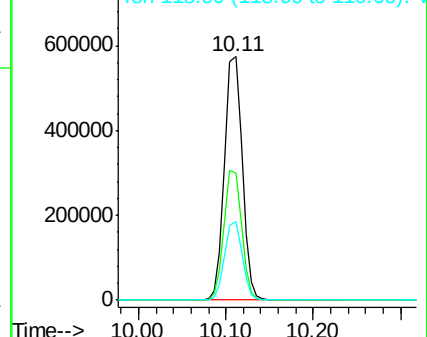
119 32.1 25.1 37.7

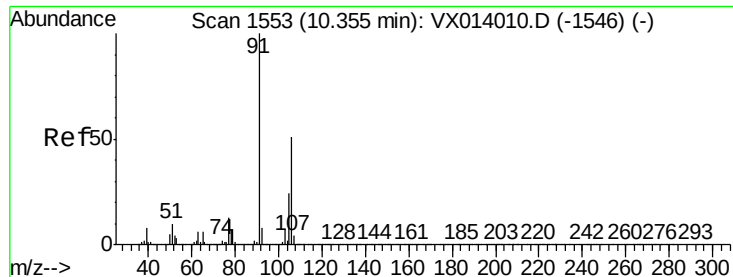


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)





#68

m/p-Xvlenes

Concen: 0.334 ug/l

RT: 10.36 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

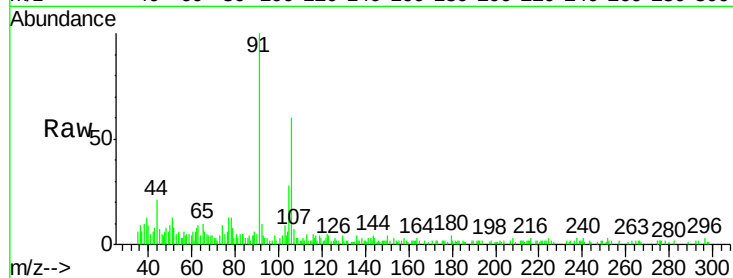
MH-BNM-1

Tot Ion:106 Resp: 3792

Ion Ratio Lower Upper

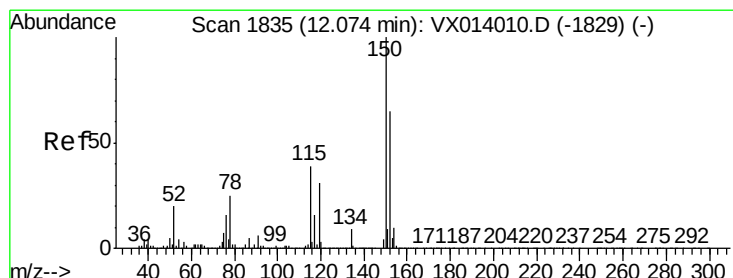
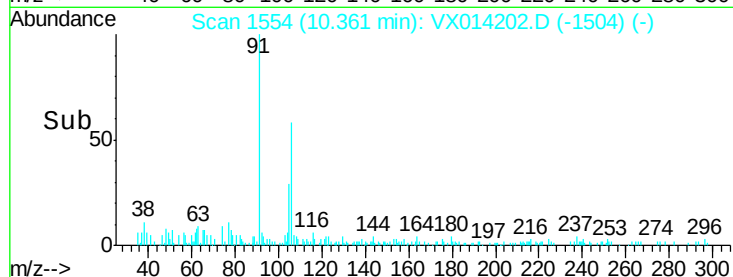
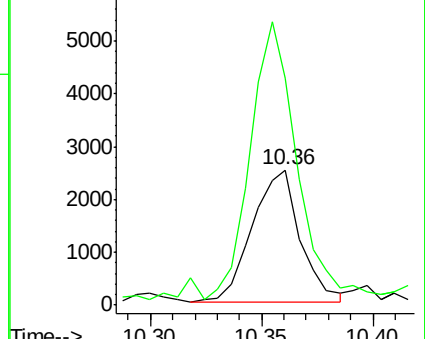
106 100

91 203.6 158.6 238.0



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# 1835

Delta R.T. -0.00 min

Lab File: VX014202.D

Acq: 23 Dec 2019 15:13

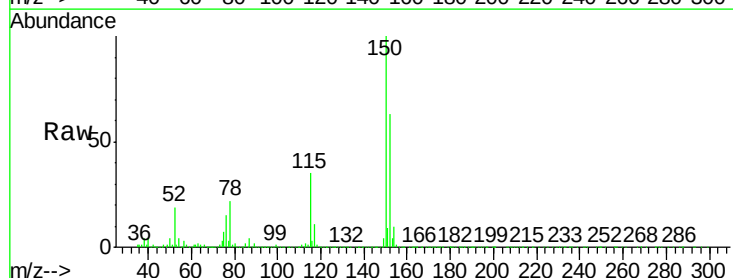
Tgt Ion:152 Resp: 373438

Ion Ratio Lower Upper

152 100

115 55.3 38.3 114.9

150 157.9 0.0 345.4



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

