

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
 Data File : VX010768.D
 Acq On : 10 Jul 2019 11:42
 Operator : JC/SP
 Sample : K3733-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-190709

Quant Time: Jul 11 01:29:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

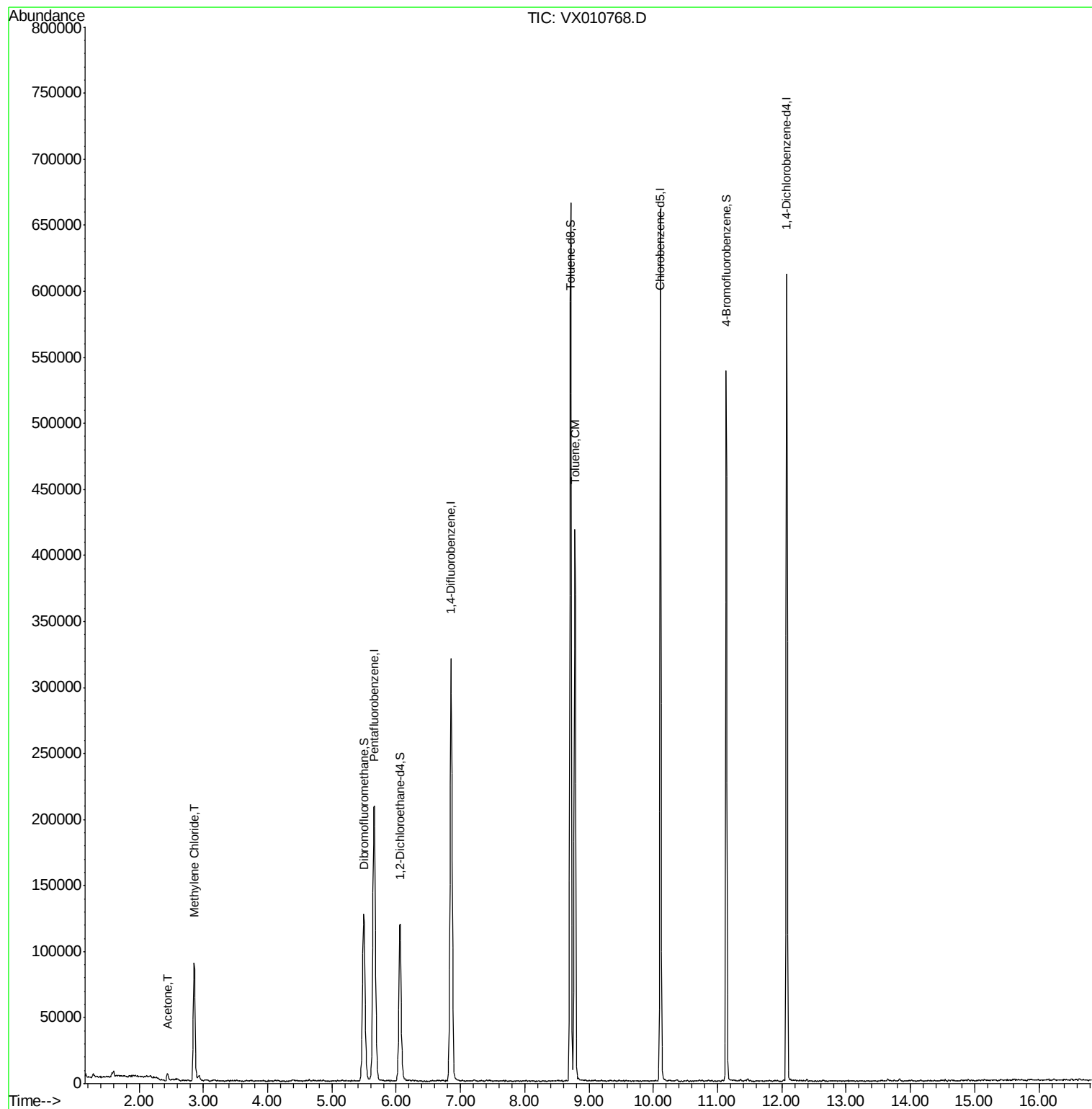
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	339643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108554	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	5.49	113	104517	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	8.71	98	402230	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	131340	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
16) Acetone	2.44	43	6049	5.880	ug/l	96
20) Methylene Chloride	2.85	84	45210	21.355	ug/l	98
52) Toluene	8.78	92	156550	28.271	ug/l	99

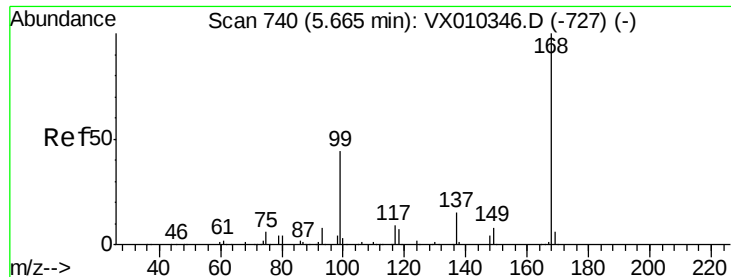
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010768.D

Acq: 10 Jul 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

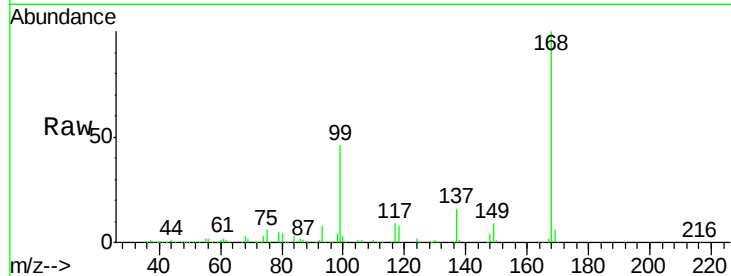
EB-01-190709

Tgt Ion:168 Resp: 218930

Ion Ratio Lower Upper

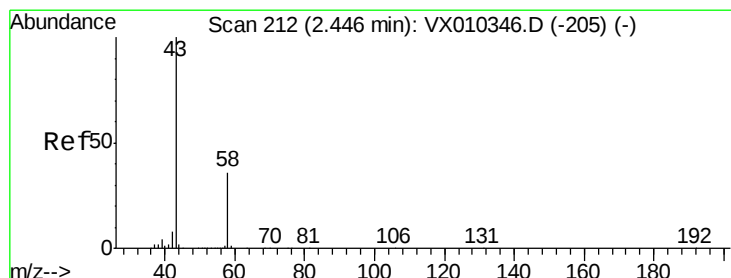
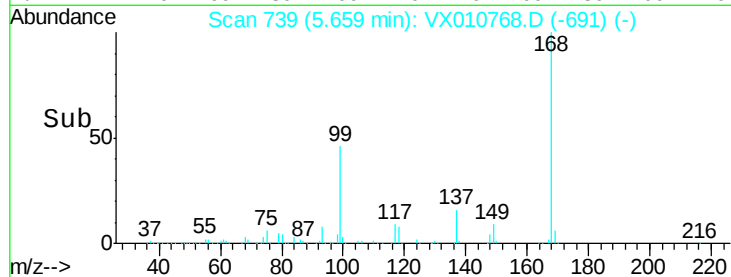
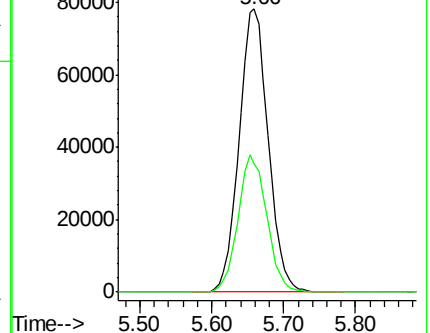
168 100

99 45.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.880 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010768.D

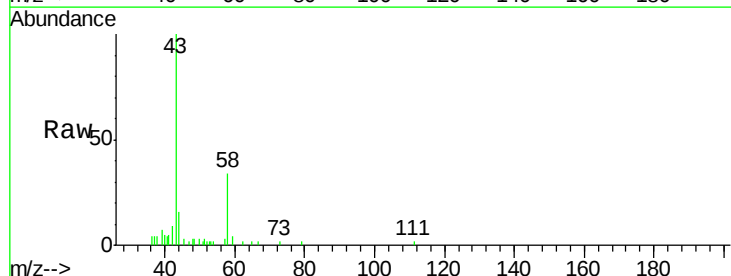
Acq: 10 Jul 2019 11:42

Tgt Ion: 43 Resp: 6049

Ion Ratio Lower Upper

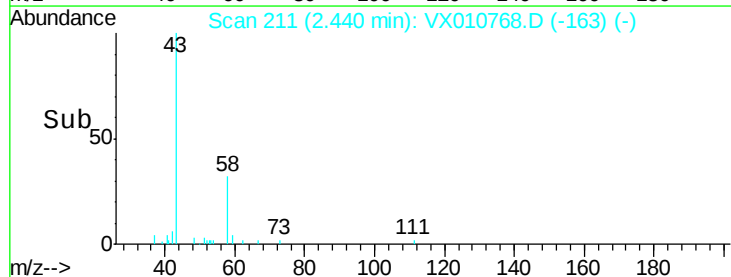
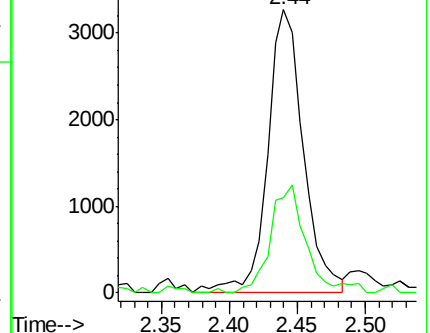
43 100

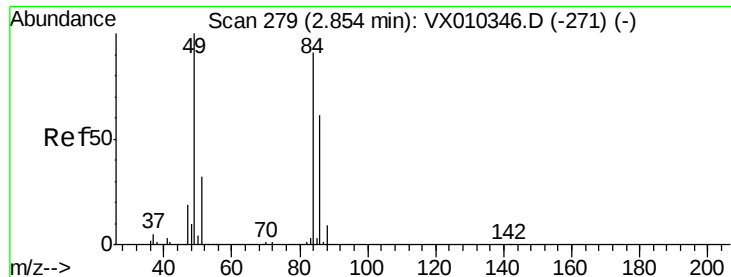
58 33.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

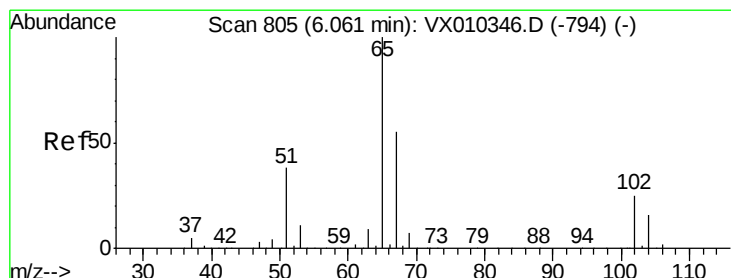
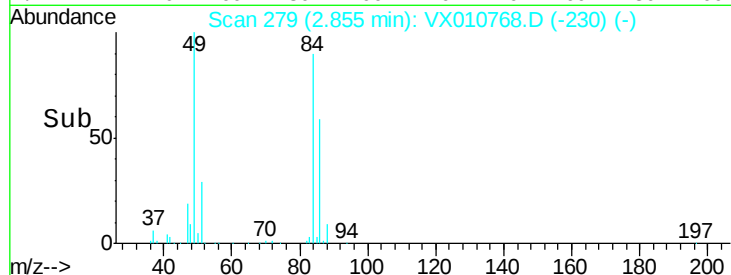
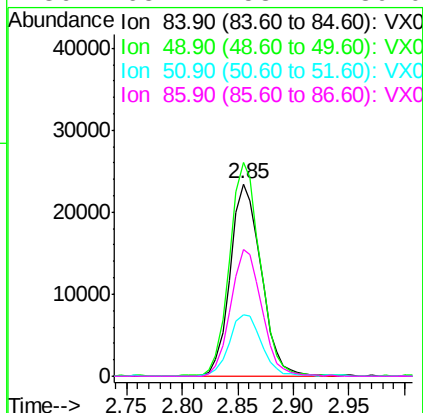
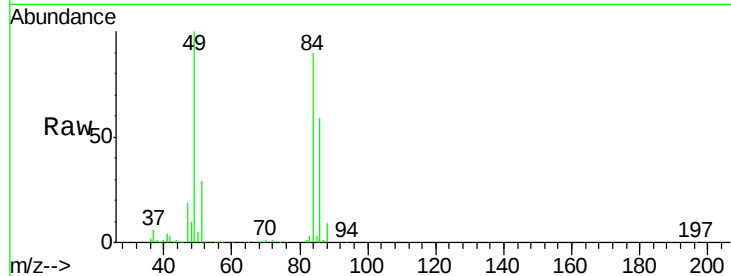




#20
Methylene Chloride
Concen: 21.355 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010768.D
Acq: 10 Jul 2019 11:42

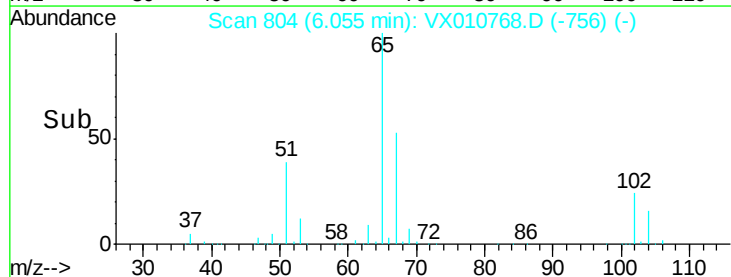
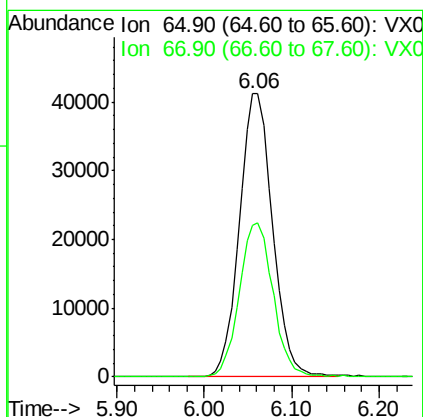
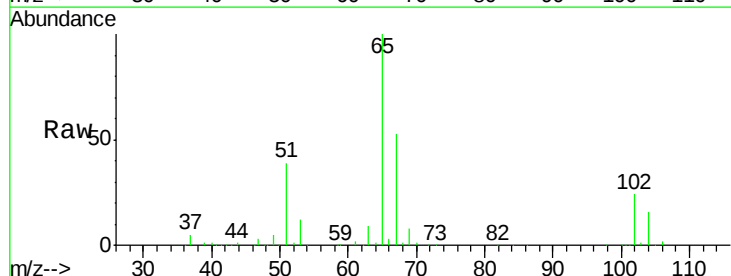
Instrument :
MSVOA_X
ClientSampleId :
EB-01-190709

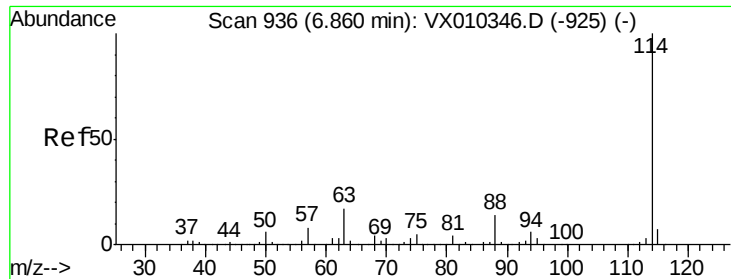
Tgt Ion: 84 Resp: 45210
Ion Ratio Lower Upper
84 100
49 110.7 87.5 131.3
51 31.7 27.7 41.5
86 65.7 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 52.884 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX010768.D
Acq: 10 Jul 2019 11:42

Tgt Ion: 65 Resp: 108554
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2

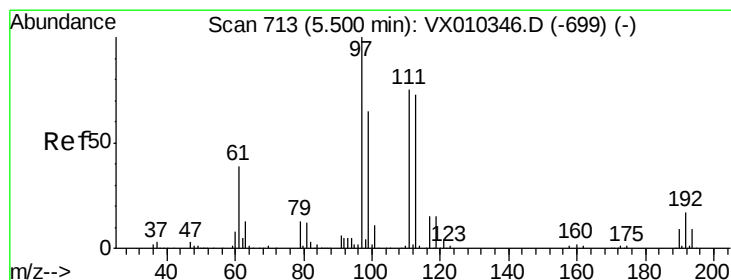
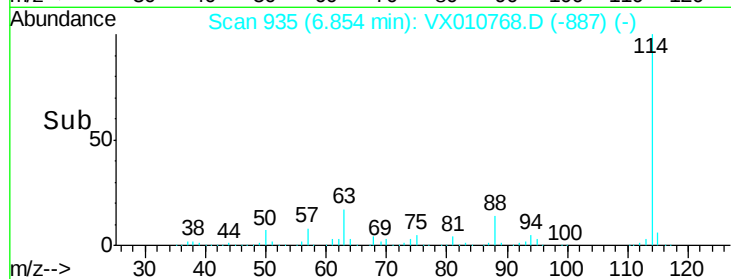
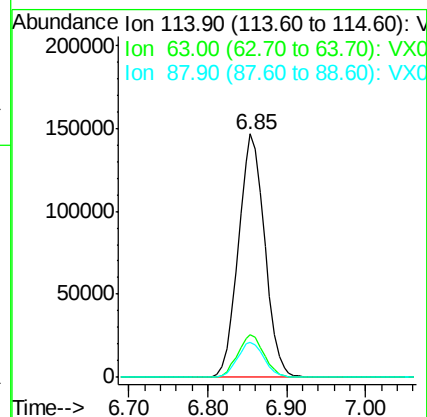
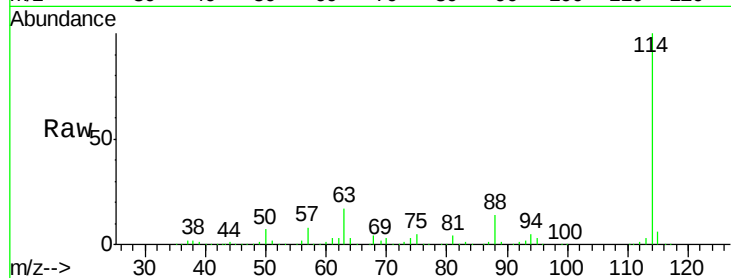




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010768.D
 Acq: 10 Jul 2019 11:42

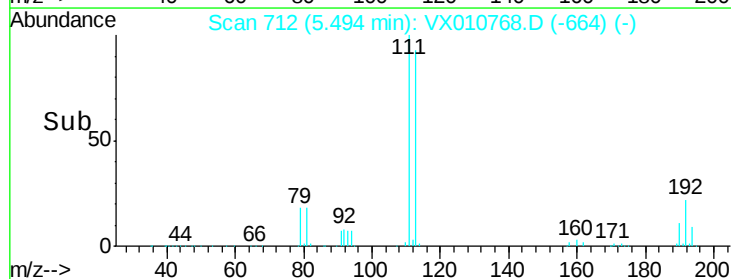
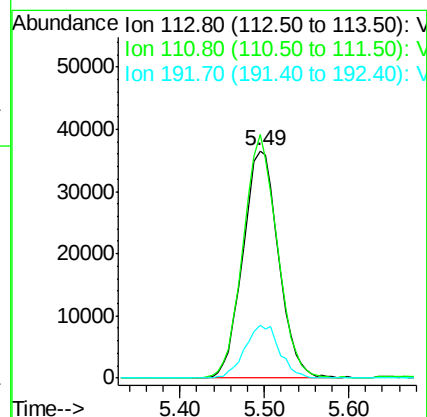
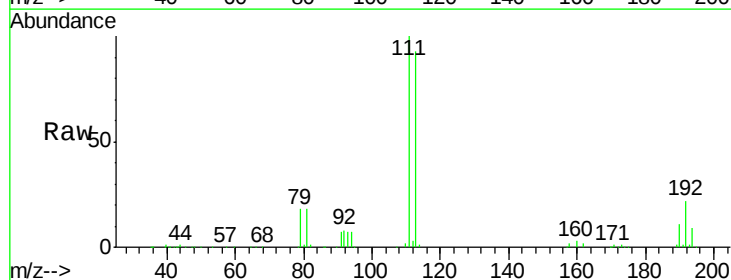
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-190709

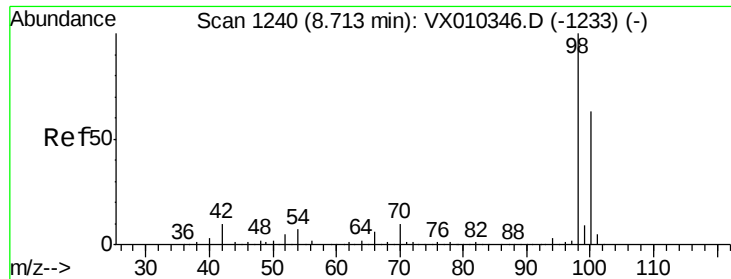
Tgt Ion:114 Resp: 339643
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 14.3 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 50.295 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010768.D
 Acq: 10 Jul 2019 11:42

Tgt Ion:113 Resp: 104517
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 22.8 18.6 27.8





#50

Toluene-d8

Concen: 50.593 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010768.D

Acq: 10 Jul 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

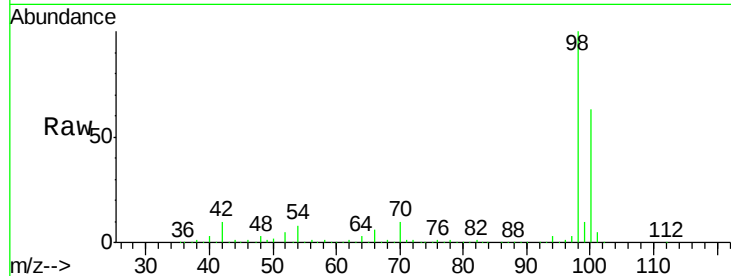
EB-01-190709

Tgt Ion: 98 Resp: 402230

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

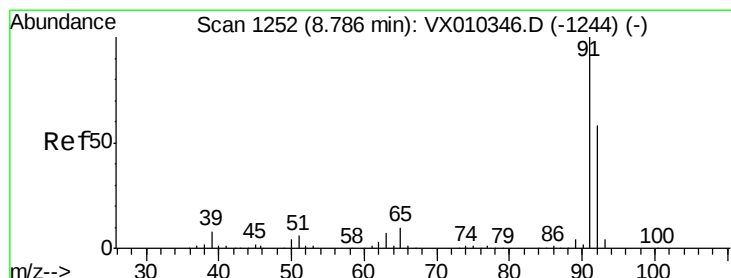
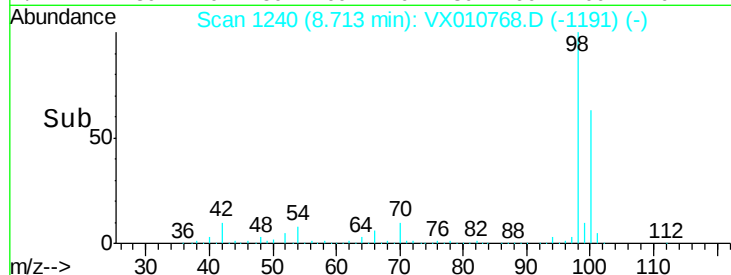
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#52

Toluene

Concen: 28.271 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010768.D

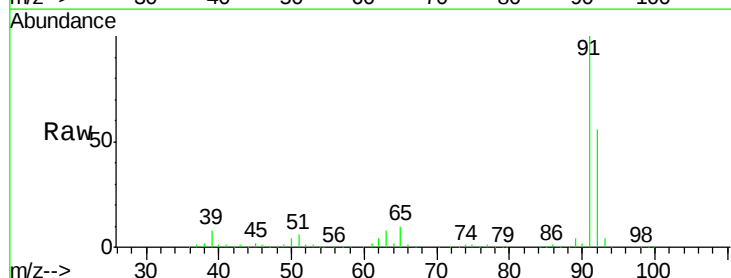
Acq: 10 Jul 2019 11:42

Tgt Ion: 92 Resp: 156550

Ion Ratio Lower Upper

92 100

91 176.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

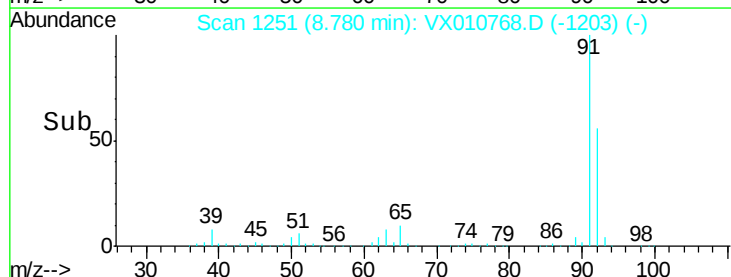
150000

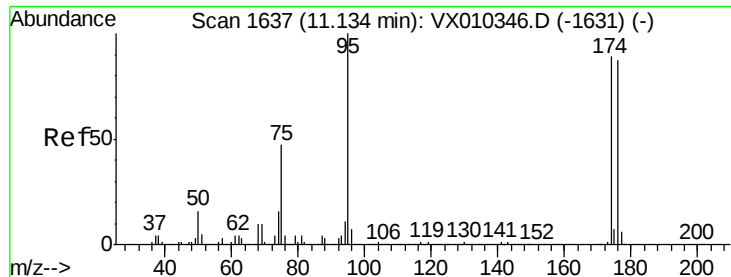
100000

50000

0

Time--> 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 45.759 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010768.D

Acq: 10 Jul 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

EB-01-190709

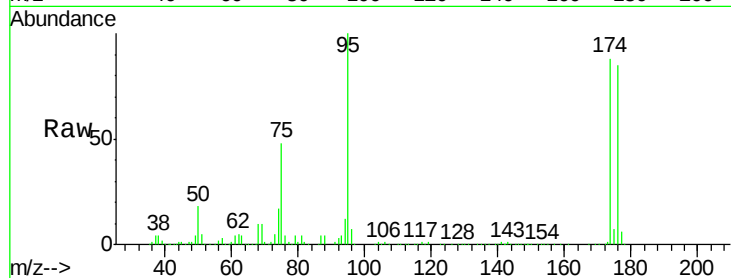
Tgt Ion: 95 Resp: 131340

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.6

176 90.5 0.0 184.0

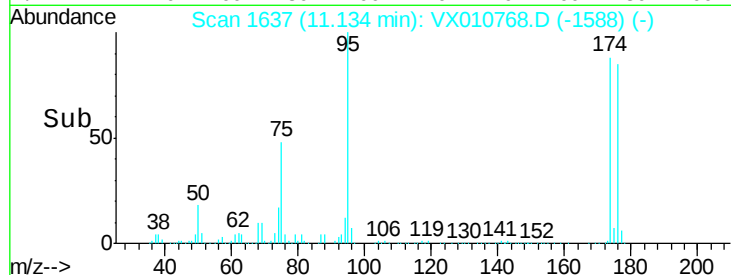


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

Time-->



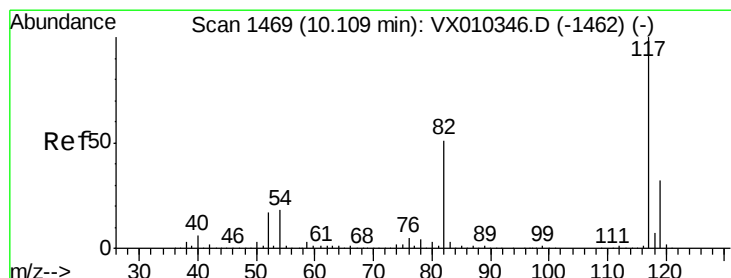
Abundance

Ion 94.90 (94.60 to 95.60): VX010768.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010768.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010768.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010768.D

Acq: 10 Jul 2019 11:42

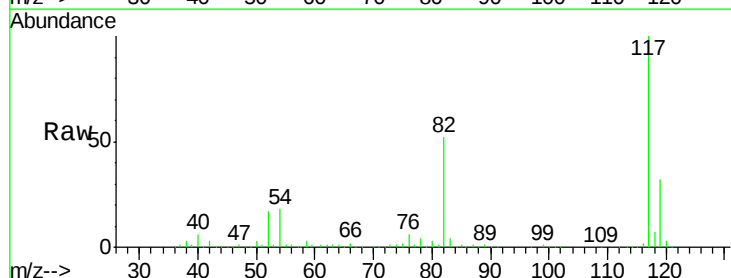
Tgt Ion: 117 Resp: 303418

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

119 32.5 25.5 38.3

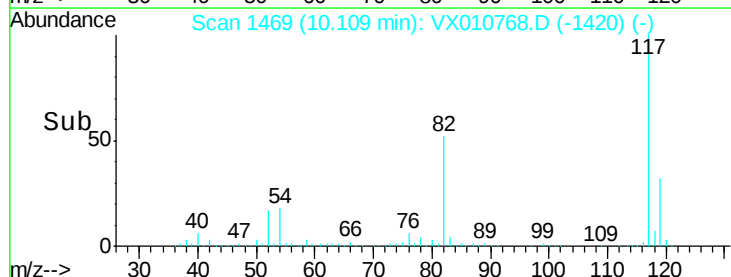


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

Time-->



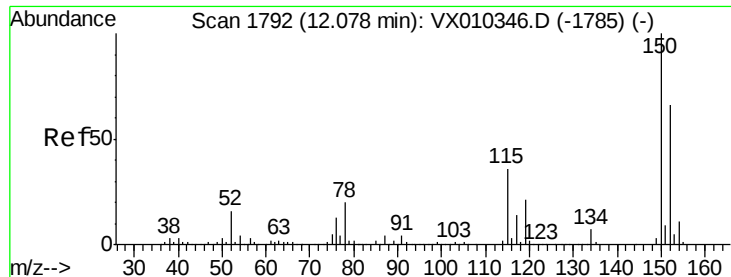
Abundance

Ion 116.90 (116.60 to 117.60): VX010768.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010768.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010768.D (-1420) (-)

Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010768.D
 Acq: 10 Jul 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-190709

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.6	115.7
150	156.3	0.0	347.4

