

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
 Data File : VX010780.D
 Acq On : 10 Jul 2019 16:23
 Operator : JC/SP
 Sample : K3733-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-190709

Quant Time: Jul 11 02:16:33 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

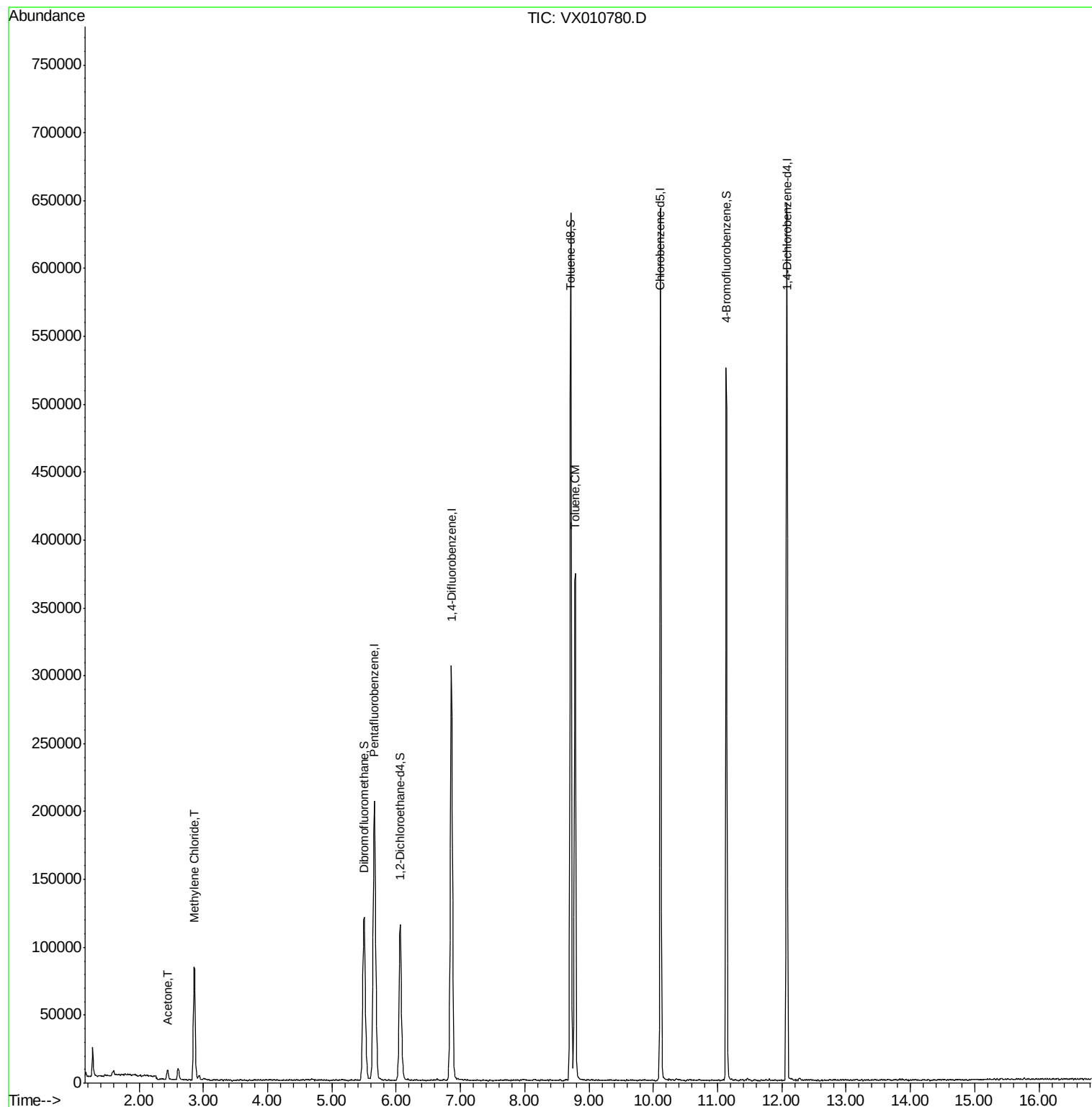
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106272	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
35) Dibromofluoromethane	5.50	113	101853	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	8.71	98	387383	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	131741	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
16) Acetone	2.44	43	8222	8.359	ug/l	93
20) Methylene Chloride	2.85	84	41860	20.679	ug/l	97
52) Toluene	8.79	92	145023	27.016	ug/l	98

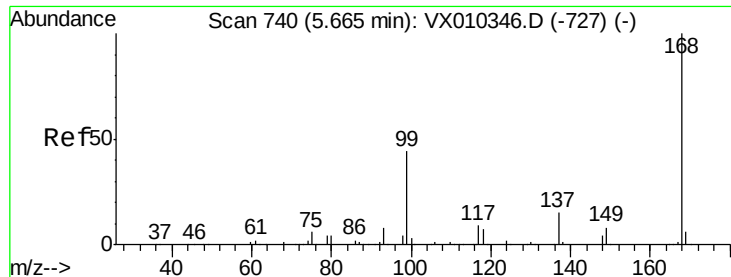
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010780.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

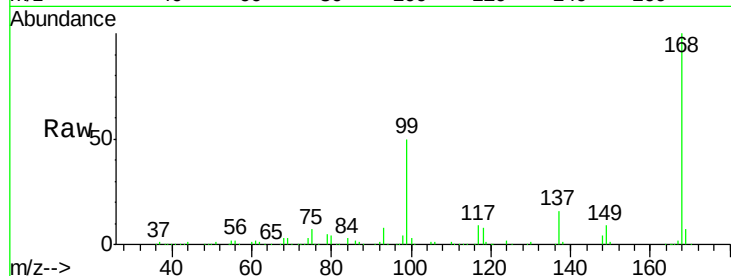
EB-01-190709

Tgt Ion:168 Resp: 209331

Ion Ratio Lower Upper

168 100

99 49.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

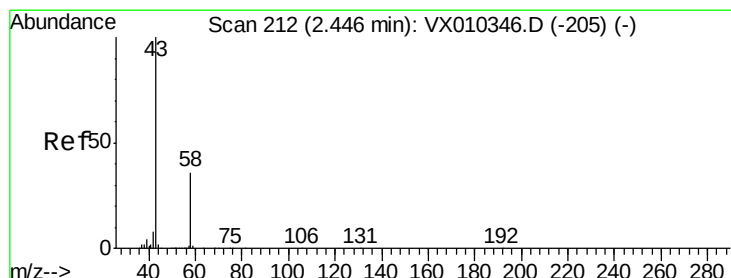
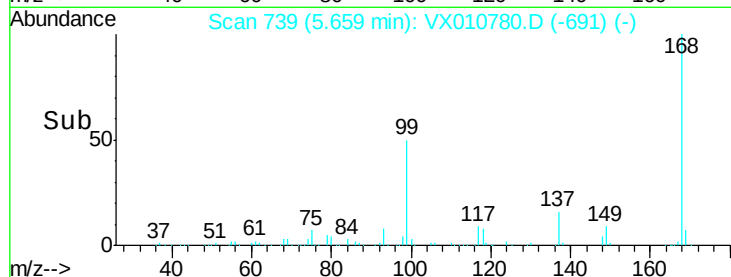
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.359 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010780.D

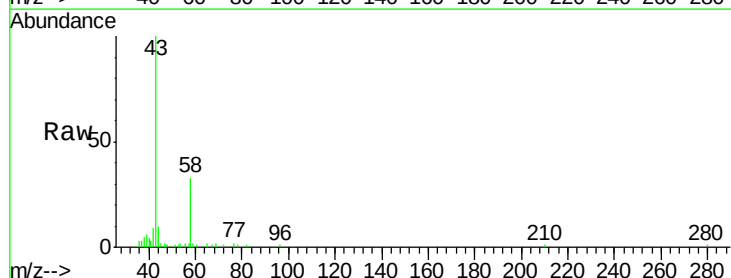
Acq: 10 Jul 2019 16:23

Tgt Ion: 43 Resp: 8222

Ion Ratio Lower Upper

43 100

58 32.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

5000

4000

3000

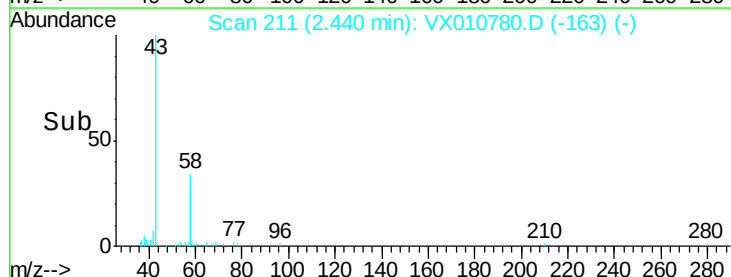
2000

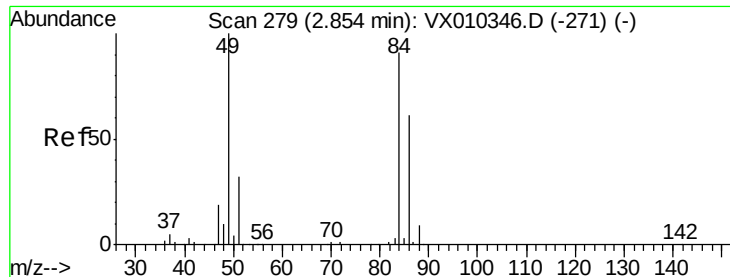
1000

0

Time-->

2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 20.679 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010780.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

EB-01-190709

Tgt Ion: 84 Resp: 41860

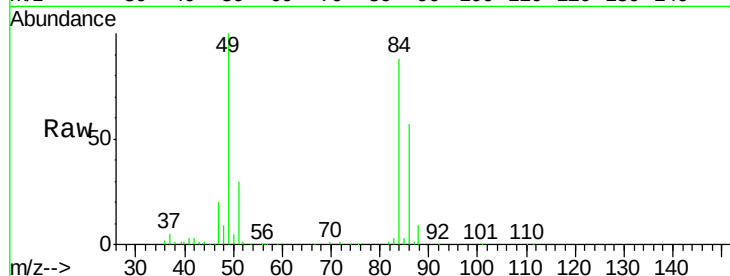
Ion Ratio Lower Upper

84 100

49 113.9 87.5 131.3

51 33.7 27.7 41.5

86 64.8 53.4 80.0

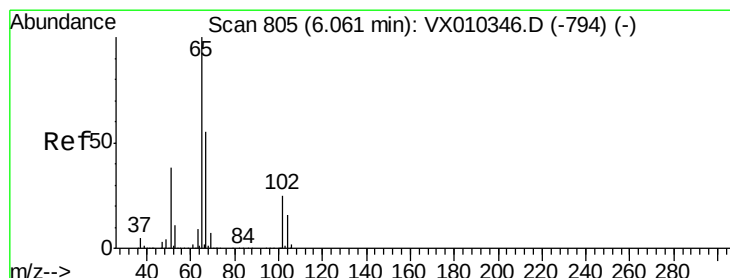
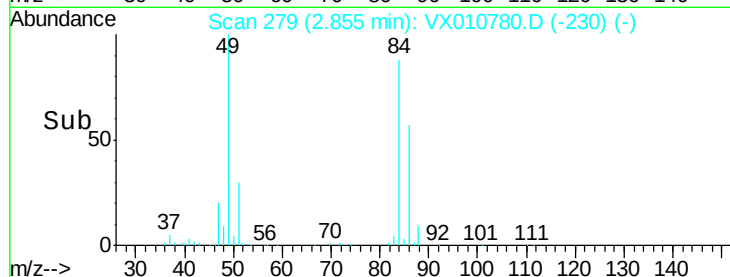
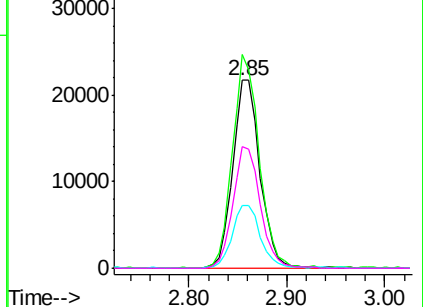


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.146 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010780.D

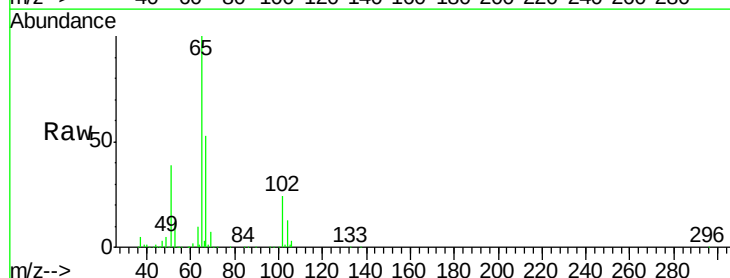
Acq: 10 Jul 2019 16:23

Tgt Ion: 65 Resp: 106272

Ion Ratio Lower Upper

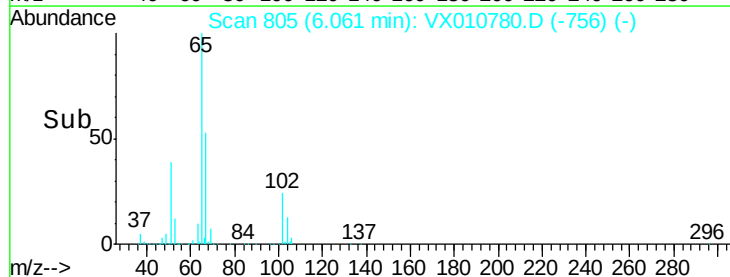
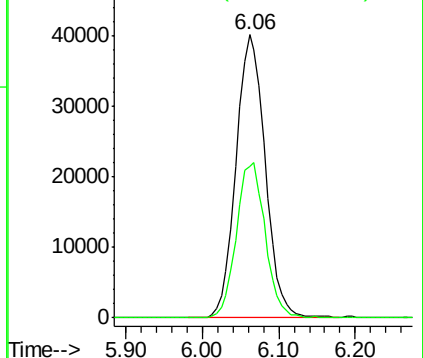
65 100

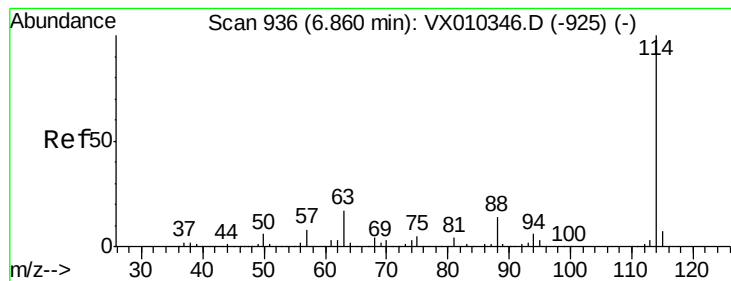
67 54.1 0.0 110.2



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: VX010780.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

EB-01-190709

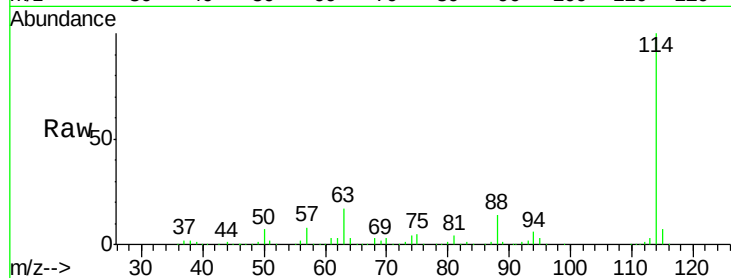
Tgt Ion:114 Resp: 329254

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

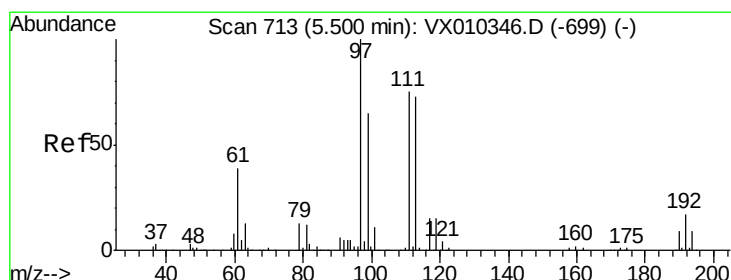
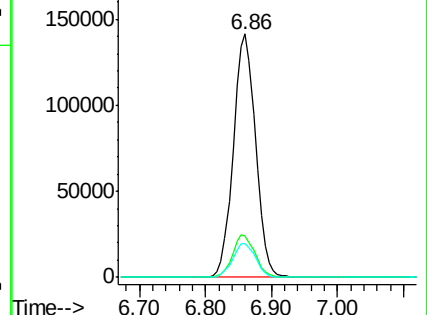
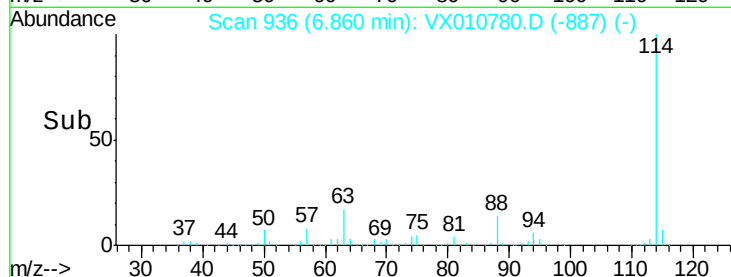
88 13.6 0.0 27.6



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: 50.560 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010780.D

Acq: 10 Jul 2019 16:23

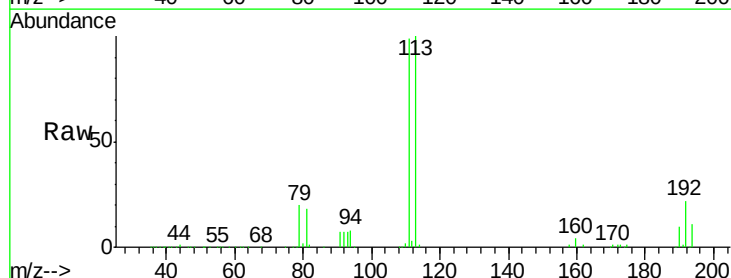
Tgt Ion:113 Resp: 101853

Ion Ratio Lower Upper

113 100

111 100.1 81.2 121.8

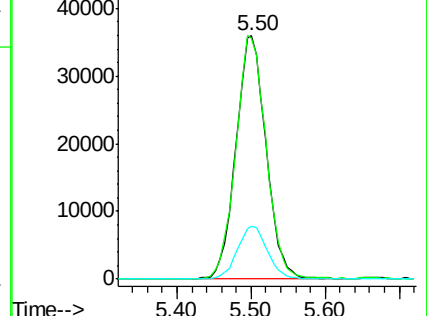
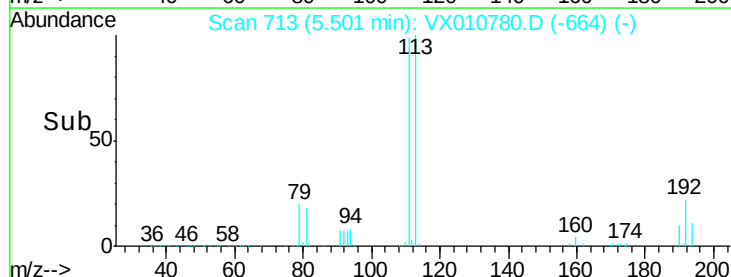
192 21.6 18.6 27.8

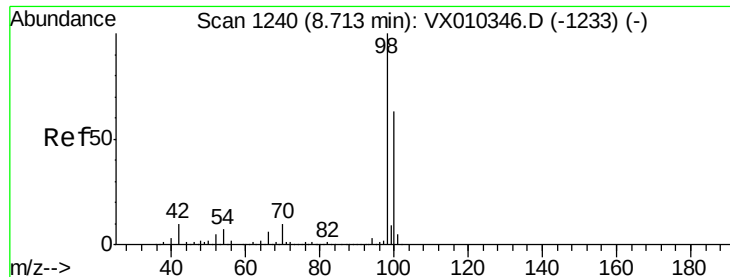


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

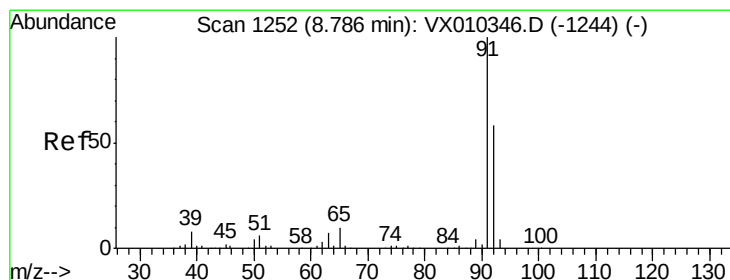
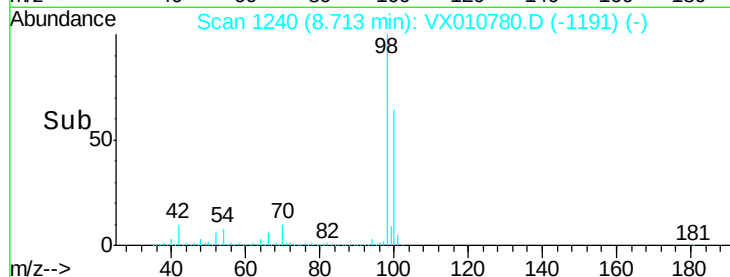
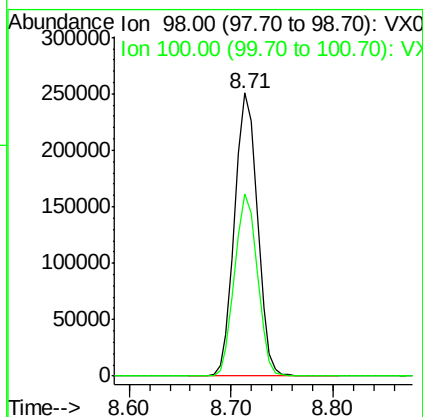
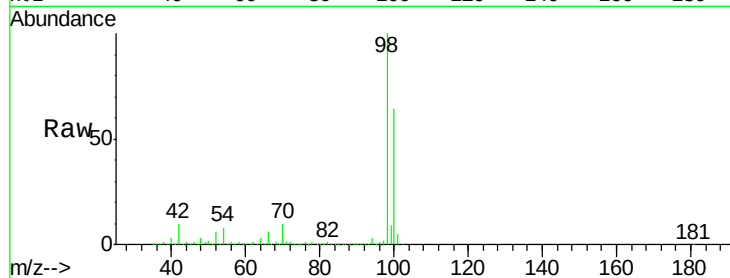




#50
Toluene-d8
Concen: 50.263 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010780.D
Acq: 10 Jul 2019 16:23

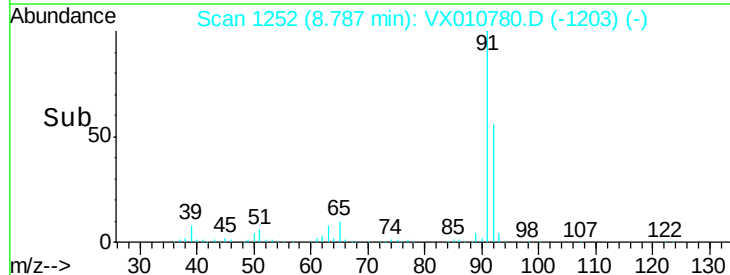
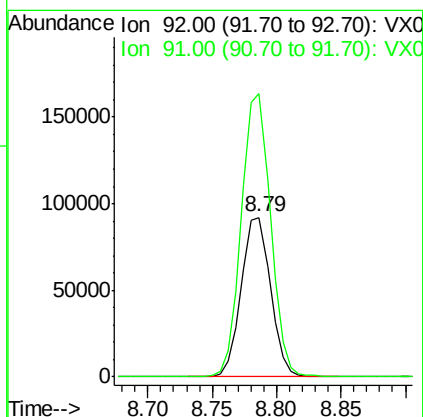
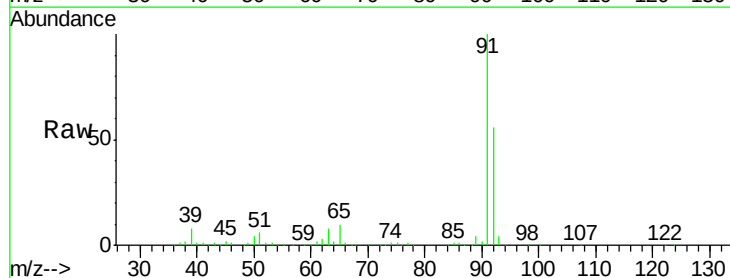
Instrument :
MSVOA_X
ClientSampleId :
EB-01-190709

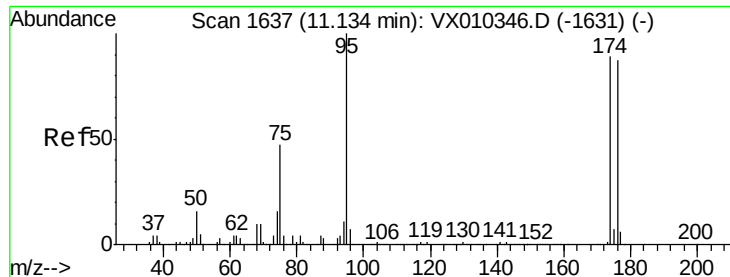
Tgt Ion: 98 Resp: 387383
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#52
Toluene
Concen: 27.016 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010780.D
Acq: 10 Jul 2019 16:23

Tgt Ion: 92 Resp: 145023
Ion Ratio Lower Upper
92 100
91 177.1 139.8 209.6

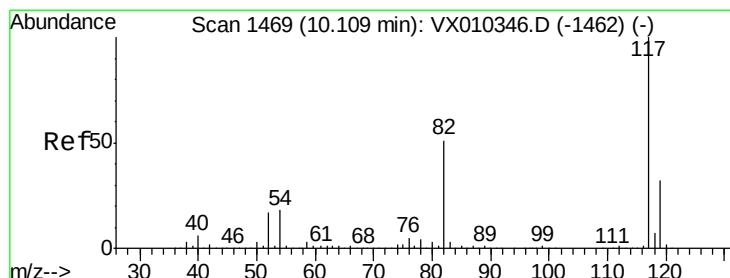
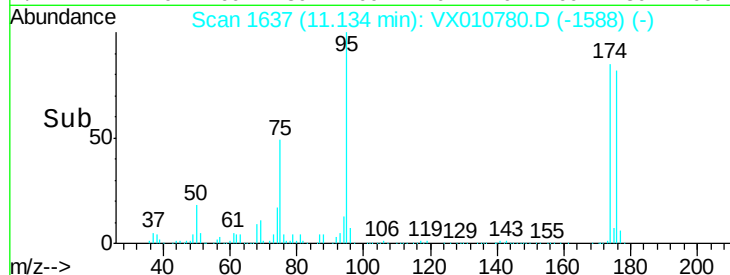
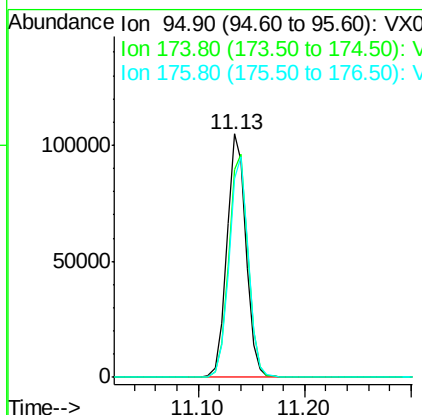
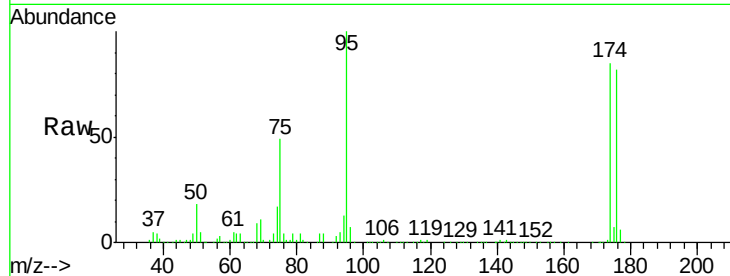




#62
4-Bromofluorobenzene
Concen: 47.347 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010780.D
Acq: 10 Jul 2019 16:23

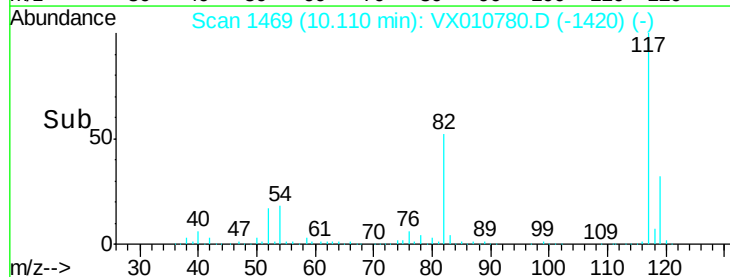
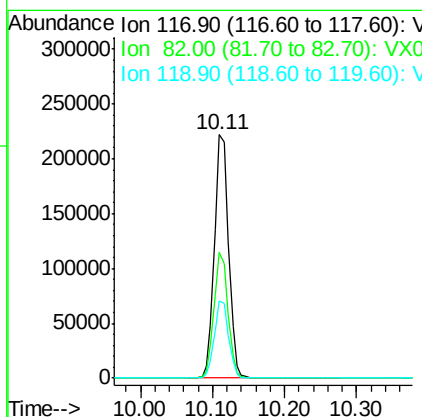
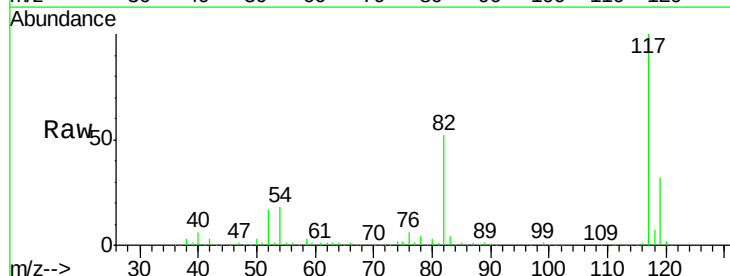
Instrument :
MSVOA_X
ClientSampled :
EB-01-190709

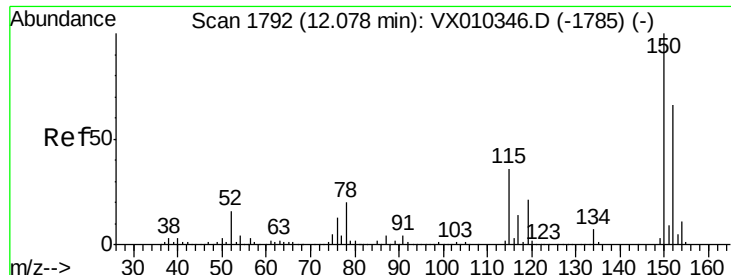
Tgt Ion: 95 Resp: 131741
Ion Ratio Lower Upper
95 100
174 92.9 0.0 187.6
176 91.2 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010780.D
Acq: 10 Jul 2019 16:23

Tgt Ion: 117 Resp: 301478
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 31.8 25.5 38.3

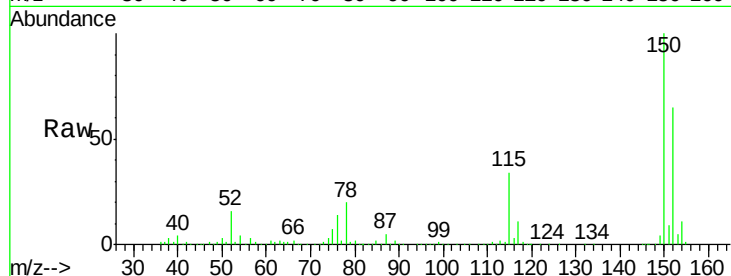




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010780.D
 Acq: 10 Jul 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-190709

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	115.7
150	158.5	0.0	347.4



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

