

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008191.D
 Acq On : 19 Mar 2019 15:11
 Operator : JC/SP
 Sample : K1860-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-02-20190311

Quant Time: Mar 20 07:39:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

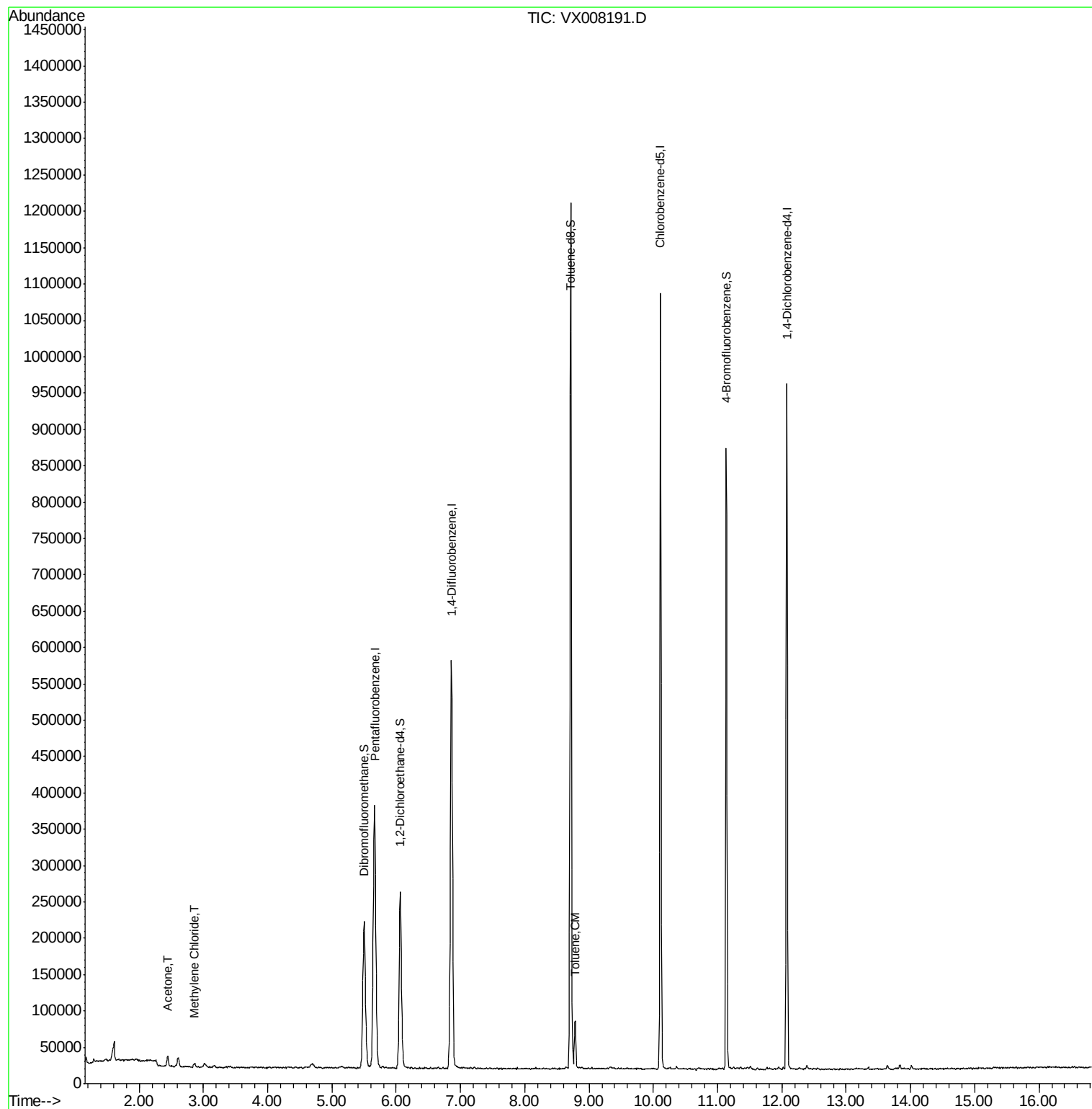
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	339024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	546996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	233304	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
35) Dibromofluoromethane	5.50	113	171307	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	8.71	98	673043	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.13	95	217689	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
16) Acetone	2.45	43	16754	5.785	ug/l	98
20) Methylene Chloride	2.87	84	2897	0.600	ug/l #	77
52) Toluene	8.78	92	24467	2.188	ug/l	95

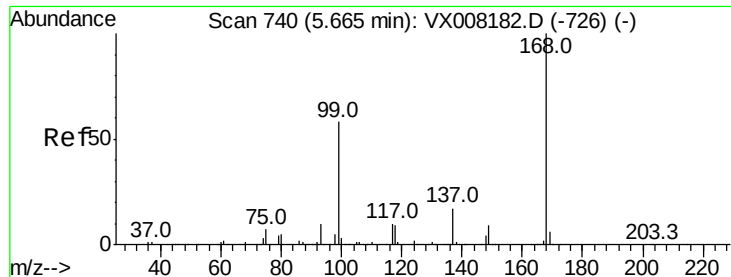
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
EB-02-20190311

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008191.D

Acq: 19 Mar 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

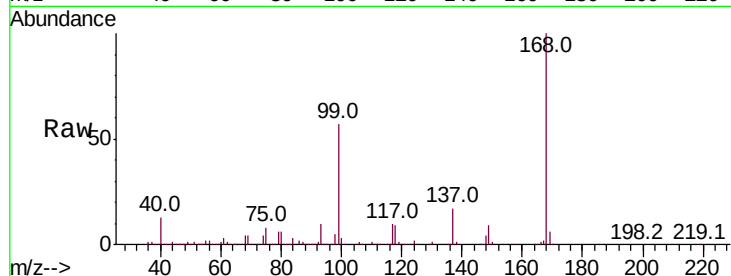
EB-02-20190311

Tot Ion:168 Resp: 339024

Ion Ratio Lower Upper

168 100

99 56.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

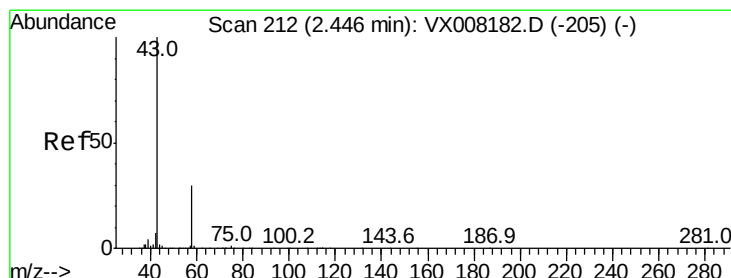
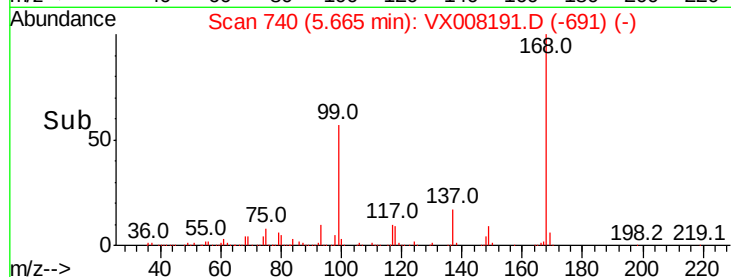
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.785 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008191.D

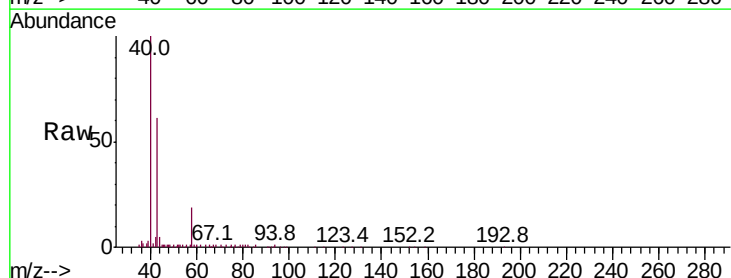
Acq: 19 Mar 2019 15:11

Tgt Ion: 43 Resp: 16754

Ion Ratio Lower Upper

43 100

58 30.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

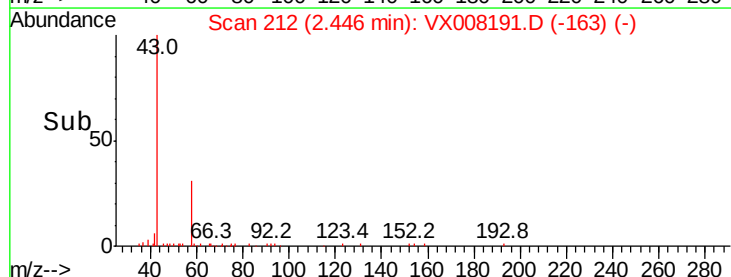
6000

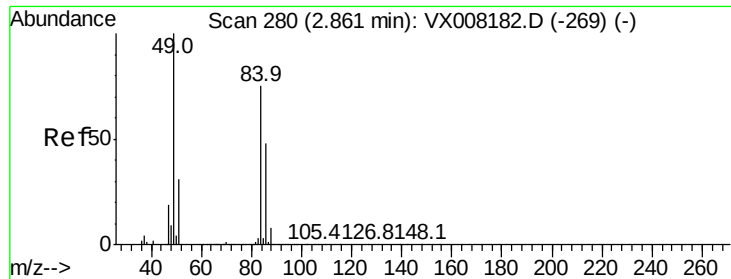
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

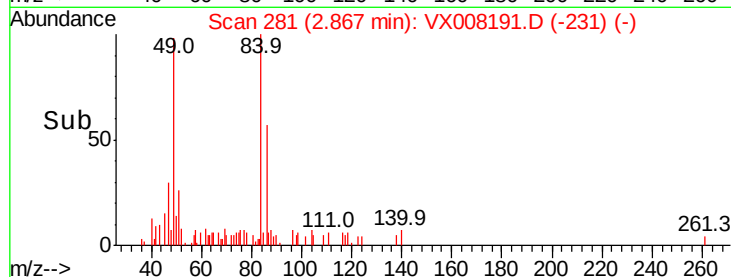
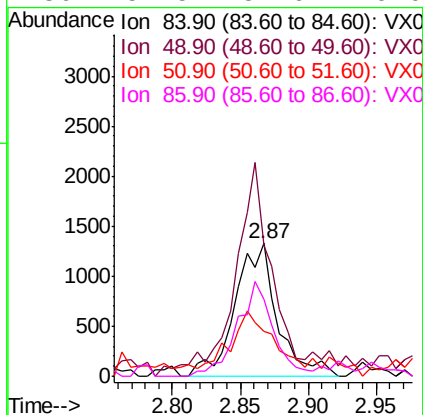
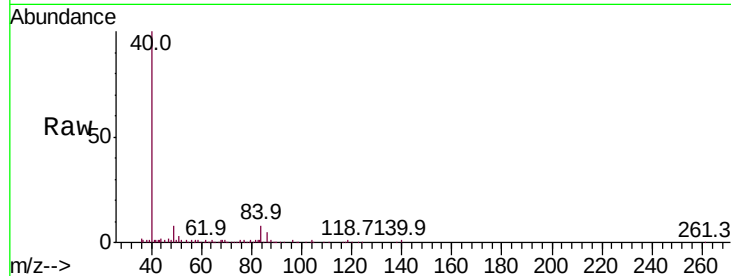




#20
Methylene Chloride
Concen: 0.600 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008191.D
Acq: 19 Mar 2019 15:11

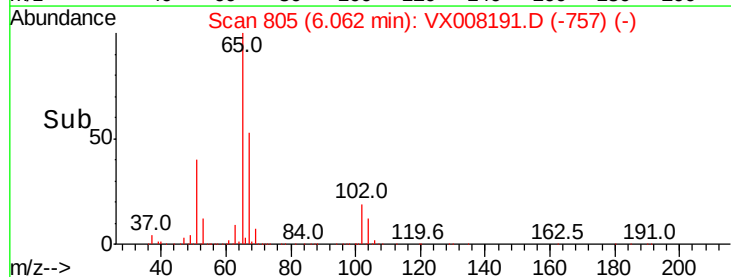
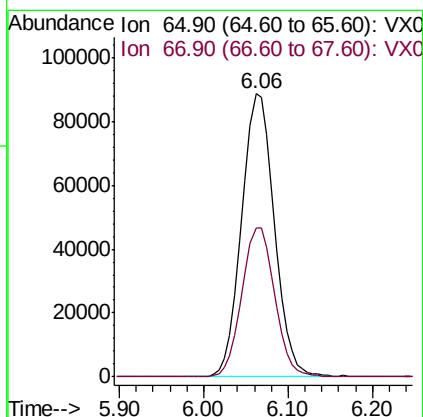
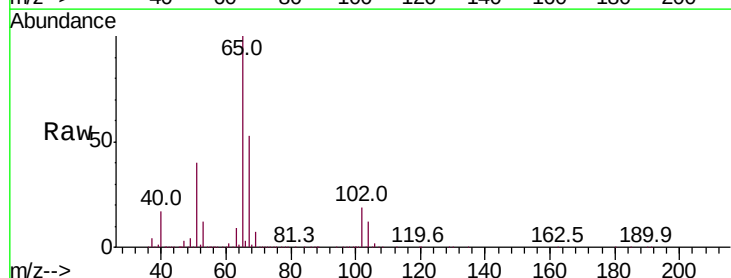
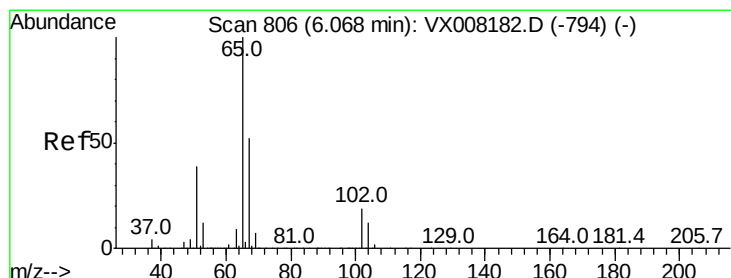
Instrument :
MSVOA_X
ClientSampleId :
EB-02-20190311

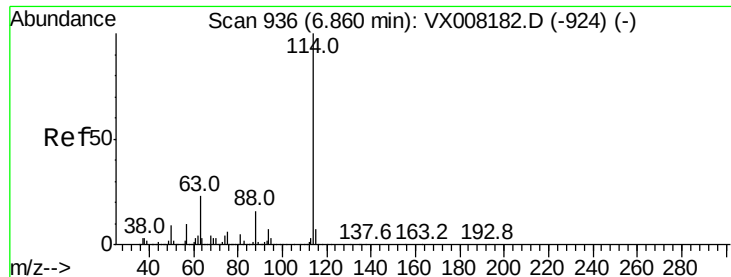
Tot Ion: 84 Resp: 2897
Ion Ratio Lower Upper
84 100
49 90.4 99.3 148.9#
51 25.5 31.3 46.9#
86 57.5 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 45.692 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX008191.D
Acq: 19 Mar 2019 15:11

Tgt Ion: 65 Resp: 233304
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008191.D

Acq: 19 Mar 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

EB-02-20190311

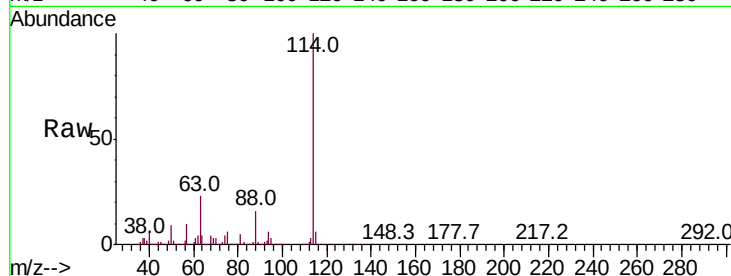
Tot Ion:114 Resp: 546996

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

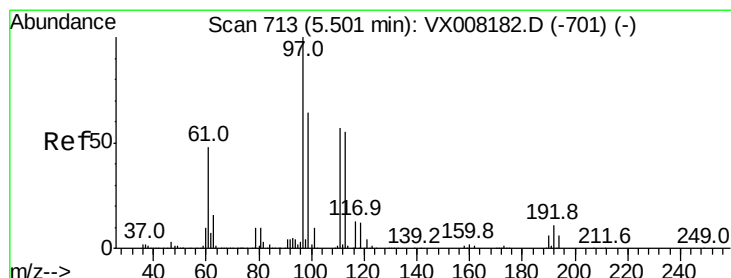
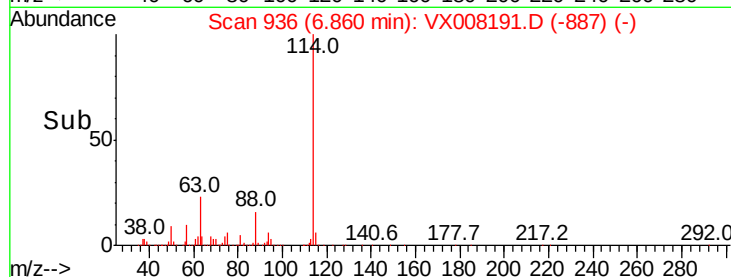
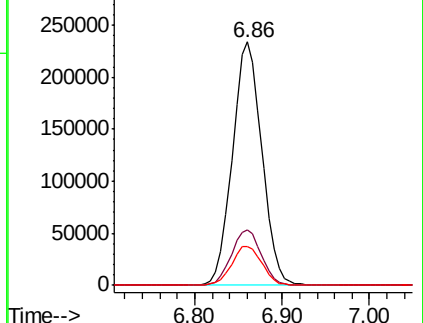
88 15.9 0.0 31.4



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: 46.782 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008191.D

Acq: 19 Mar 2019 15:11

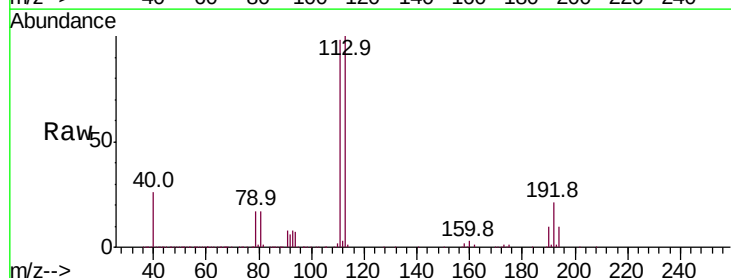
Tgt Ion:113 Resp: 171307

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

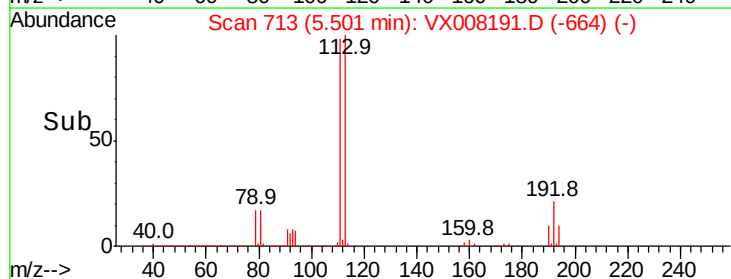
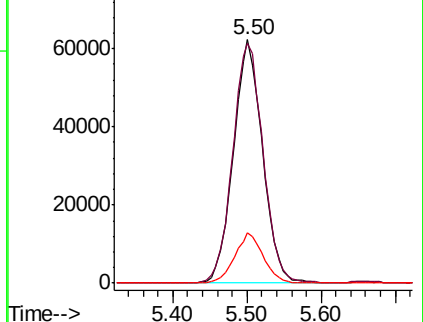
192 20.1 19.4 29.0

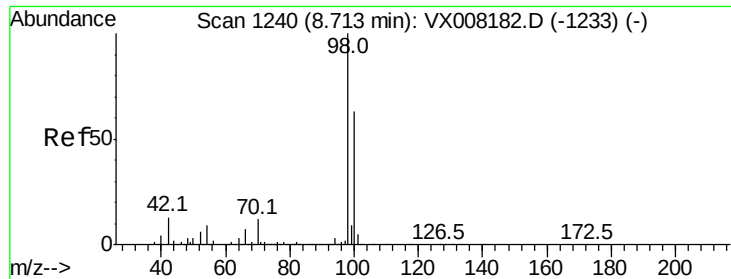


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.479 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008191.D

Acq: 19 Mar 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

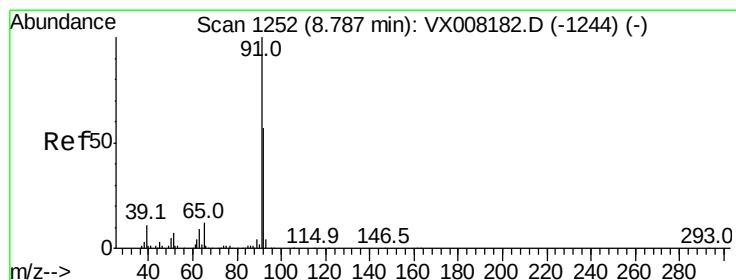
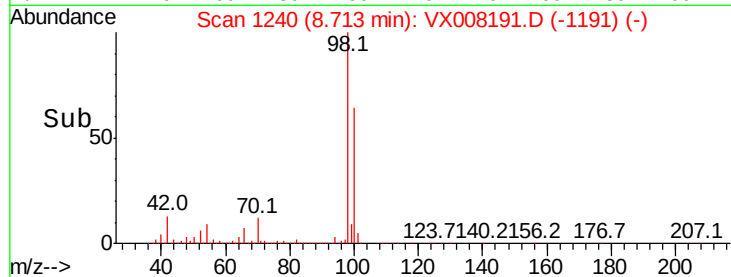
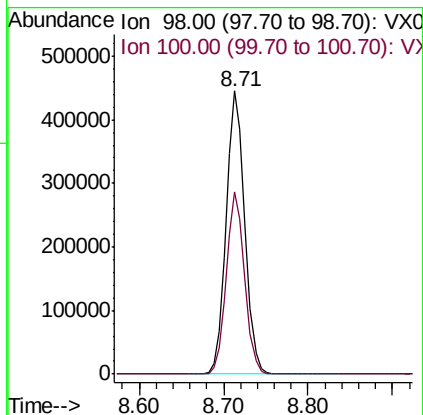
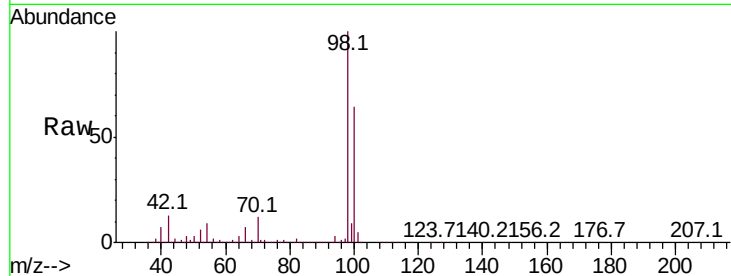
EB-02-20190311

Tot Ion: 98 Resp: 673043

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



#52

Toluene

Concen: 2.188 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008191.D

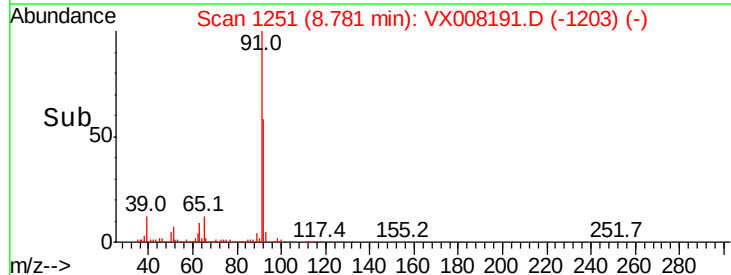
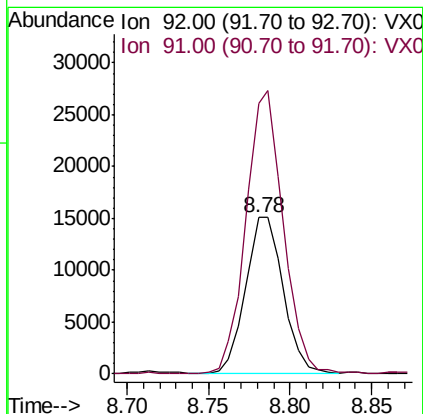
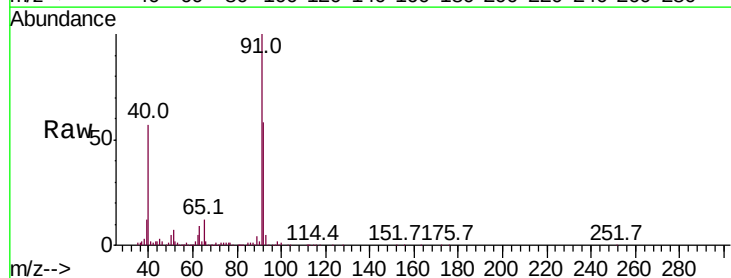
Acq: 19 Mar 2019 15:11

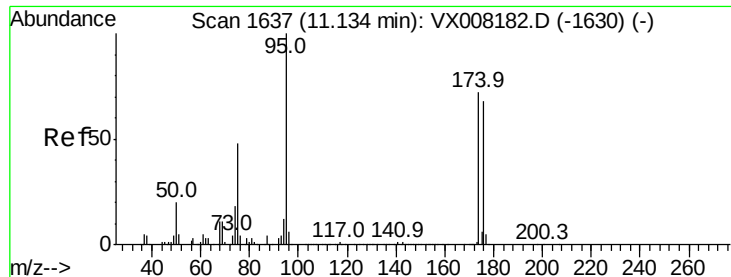
Tgt Ion: 92 Resp: 24467

Ion Ratio Lower Upper

92 100

91 178.1 137.4 206.0





#62

4-Bromofluorobenzene

Concen: 45.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008191.D

Acq: 19 Mar 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

EB-02-20190311

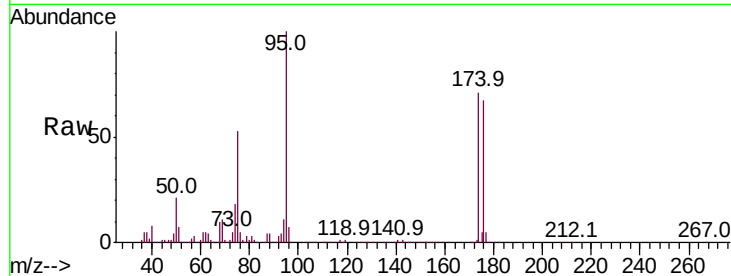
Tot Ion: 95 Resp: 217689

Ion Ratio Lower Upper

95 100

174 76.3 0.0 182.8

176 73.9 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008182.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008182.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008182.D (-1630) (-)

11.13

250000

200000

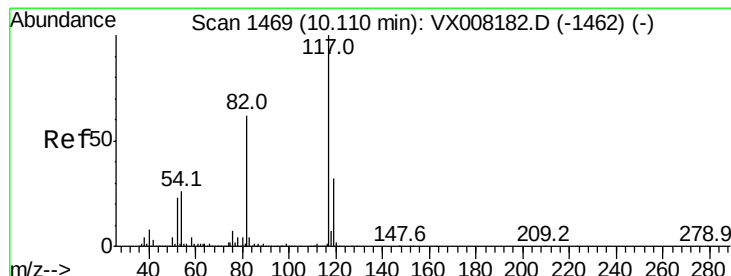
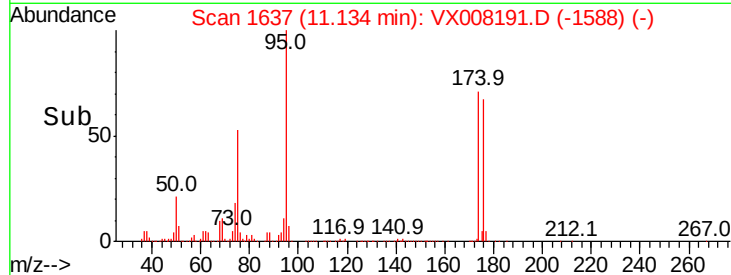
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008191.D

Acq: 19 Mar 2019 15:11

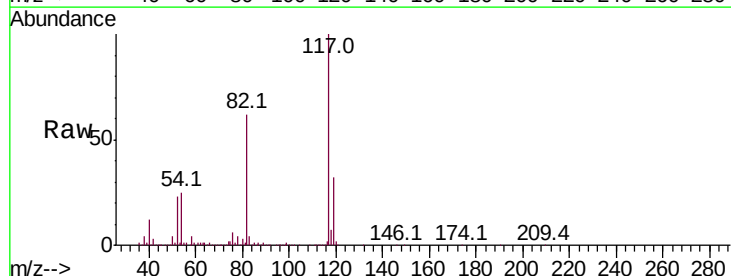
Tgt Ion: 117 Resp: 459481

Ion Ratio Lower Upper

117 100

82 61.7 44.3 66.5

119 31.7 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX008182.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008182.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008182.D (-1462) (-)

10.11

400000

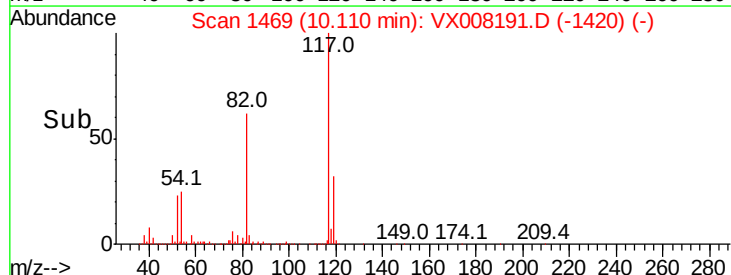
300000

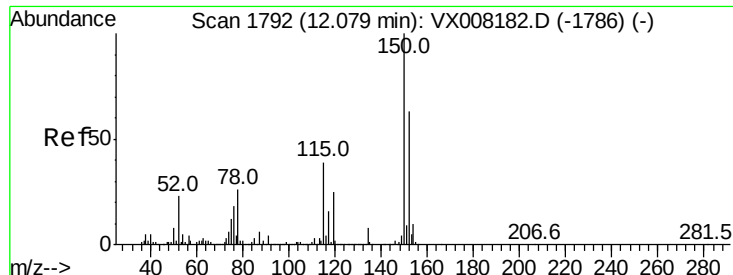
200000

100000

0

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: VX008191.D

Acq: 19 Mar 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

EB-02-20190311

Tot Ion:152 Resp: 187298

Ion Ratio Lower Upper

152 100

115 60.9 38.6 115.7

150 157.6 0.0 348.4

