

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007788.D
 Acq On : 01 Mar 2019 14:33
 Operator : JC/SP
 Sample : K1594-38
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(7.5-8.5)

Quant Time: Mar 03 23:52:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

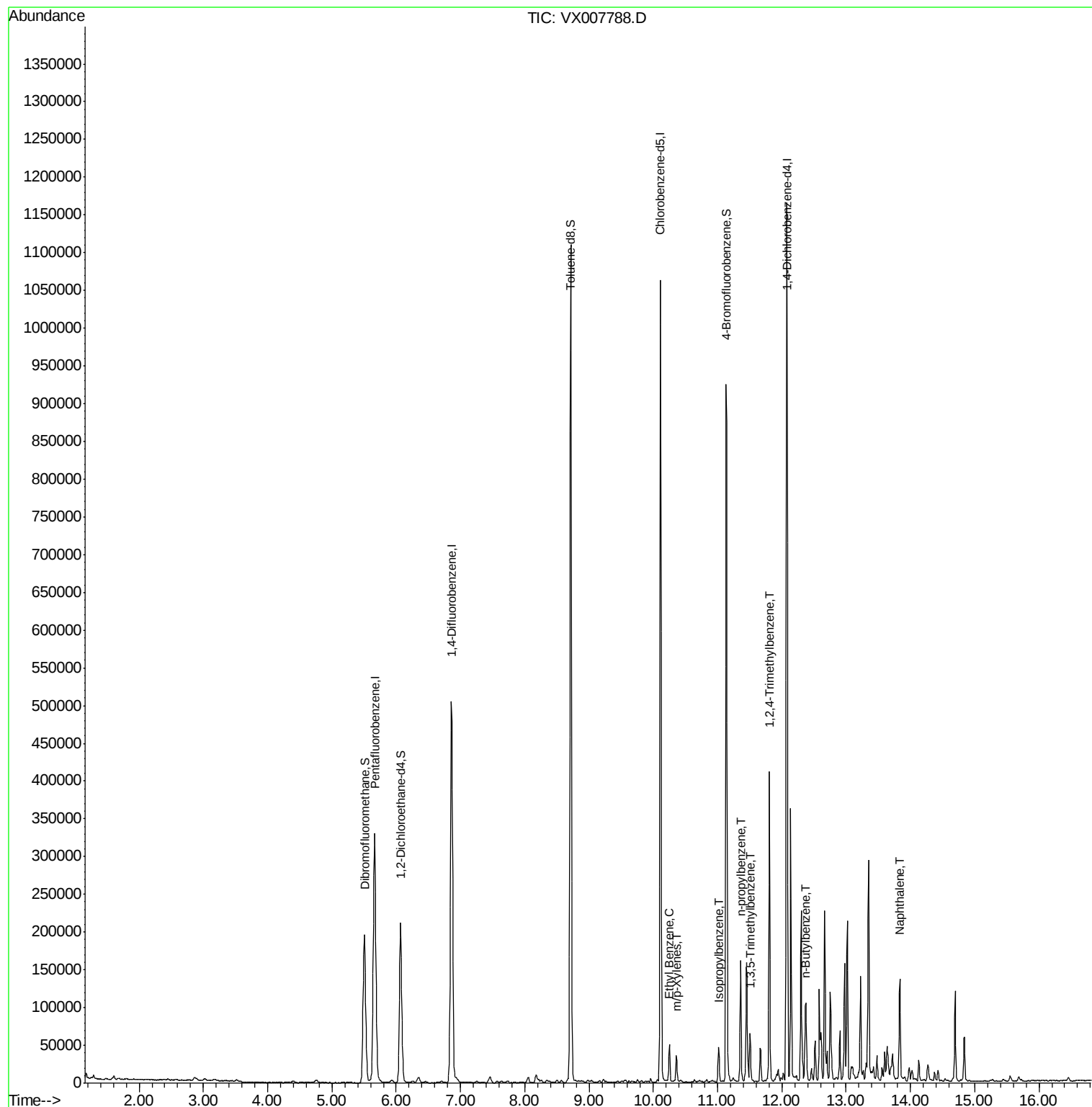
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	341430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	526185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195078	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	5.51	113	166522	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	8.71	98	651916	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.13	95	240546	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
67) Ethyl Benzene	10.25	91	27213	1.514	ug/l	99
68) m/p-Xylenes	10.36	106	7575	1.083	ug/l	95
73) Isopropylbenzene	11.02	105	22796	1.257	ug/l	100
78) n-propylbenzene	11.36	91	96477	4.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	26820	1.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	176158	11.548	ug/l	100
89) n-Butylbenzene	12.38	91	17950	1.281	ug/l #	35
95) Naphthalene	13.83	128	84058	5.036	ug/l	99

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

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ClientSampleId :
B-8(7.5-8.5)

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 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: VX007788.D

Acq: 01 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

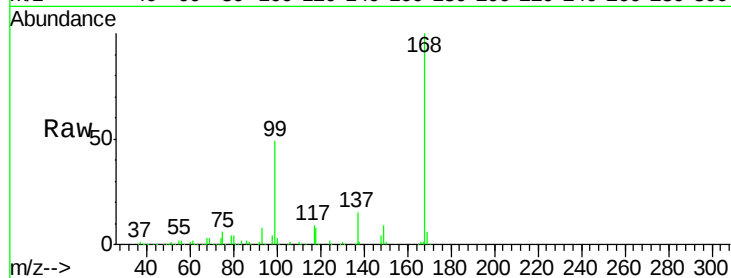
B-8(7.5-8.5)

Tot Ion:168 Resp: 341430

Ion Ratio Lower Upper

168 100

99 49.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

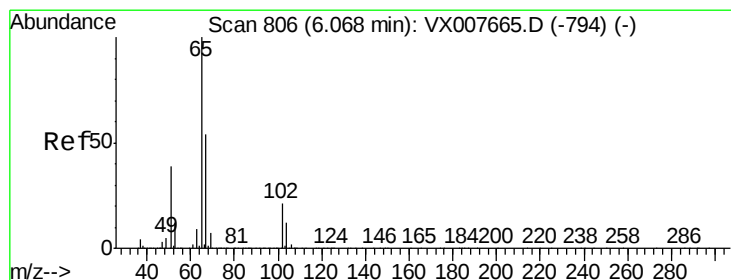
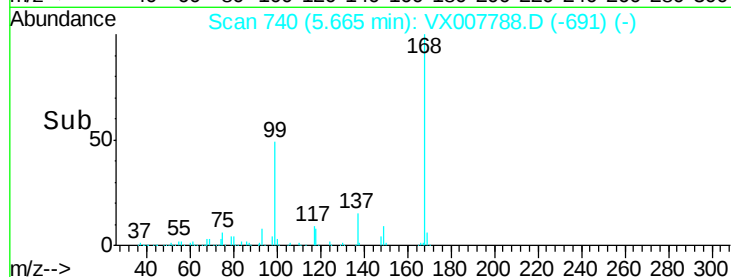
5.67

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.126 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007788.D

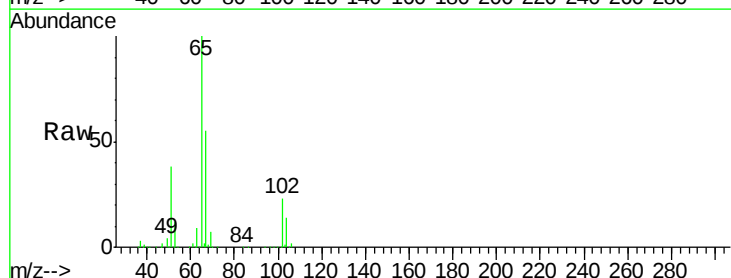
Acq: 01 Mar 2019 14:33

Tgt Ion: 65 Resp: 195078

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

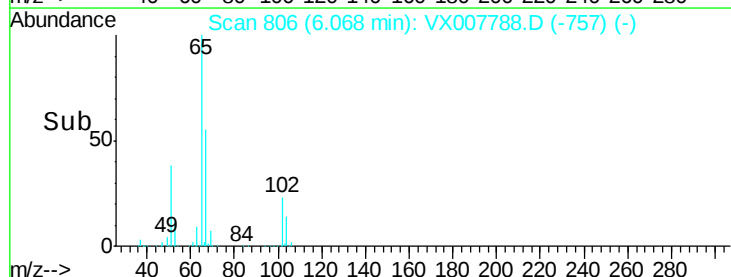
60000

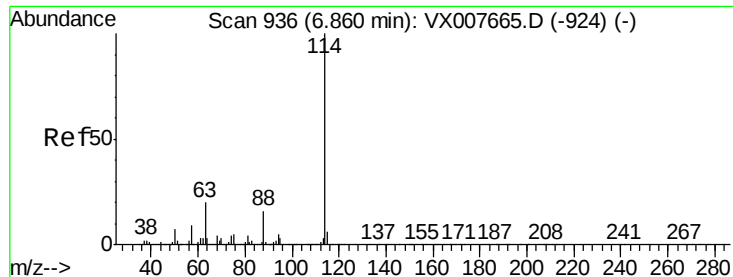
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

B-8(7.5-8.5)

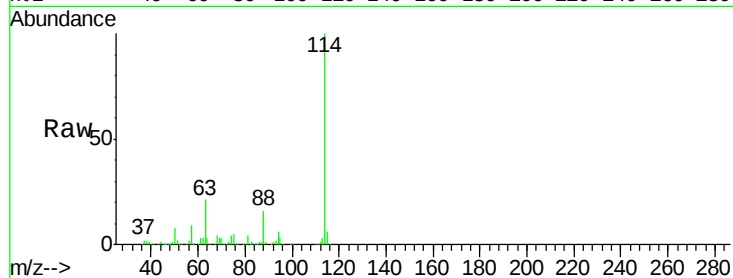
Tot Ion:114 Resp: 526185

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.6

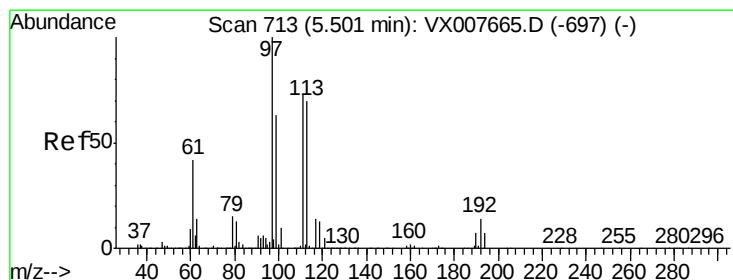
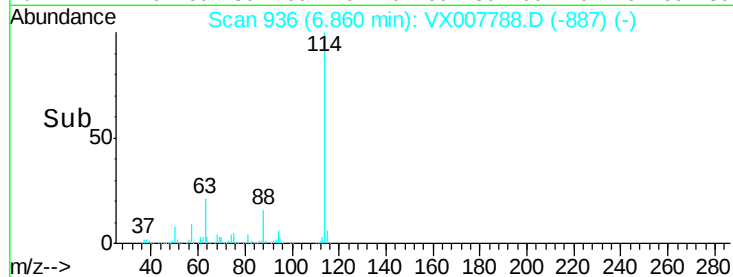
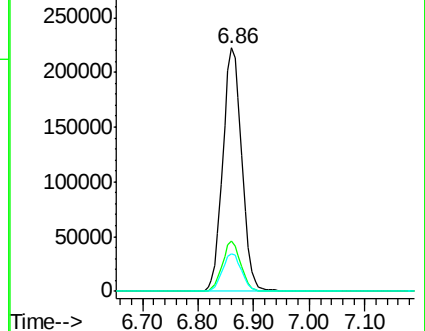
88 15.6 0.0 29.6



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: 47.343 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

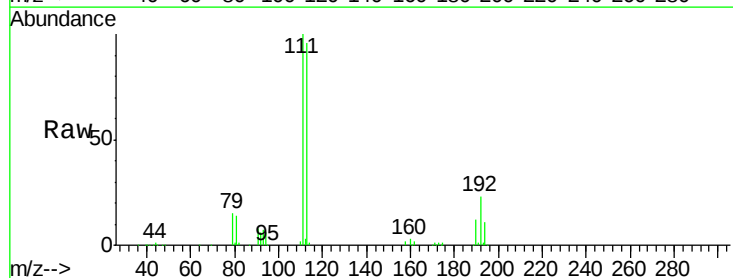
Tgt Ion:113 Resp: 166522

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

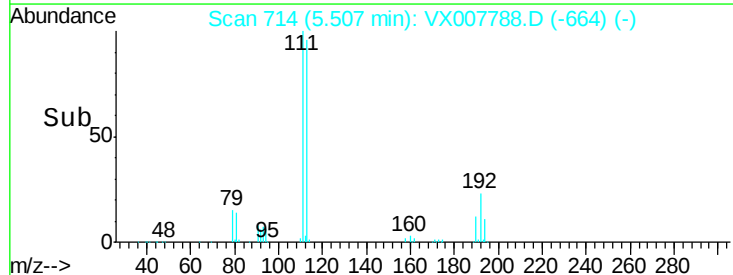
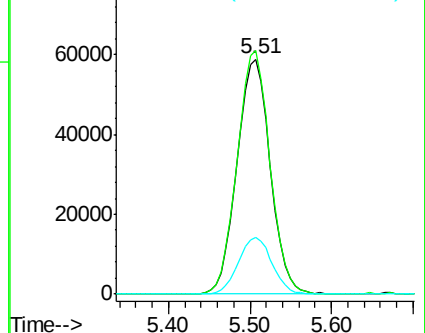
192 24.4 18.5 27.7



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: 48.412 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

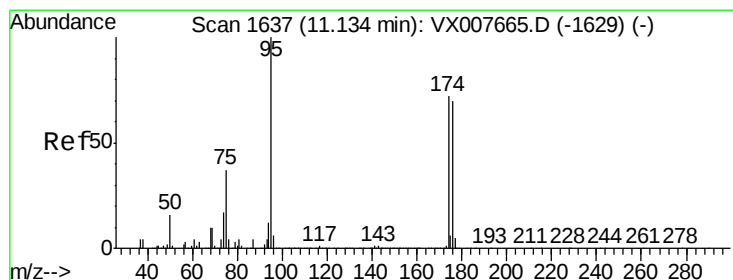
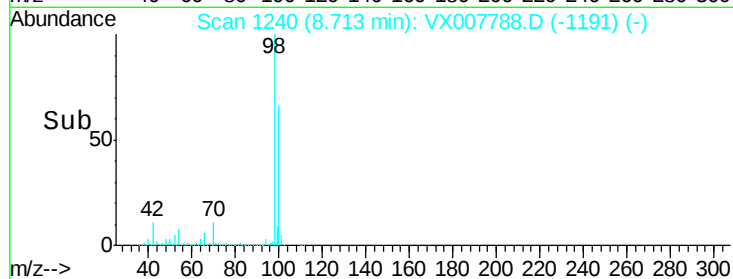
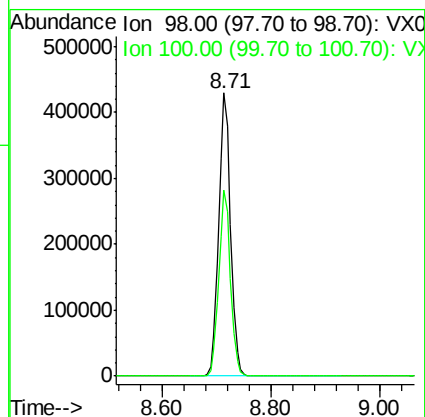
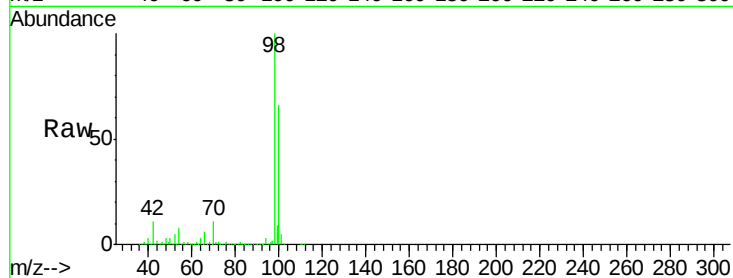
B-8(7.5-8.5)

Tot Ion: 98 Resp: 651916

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

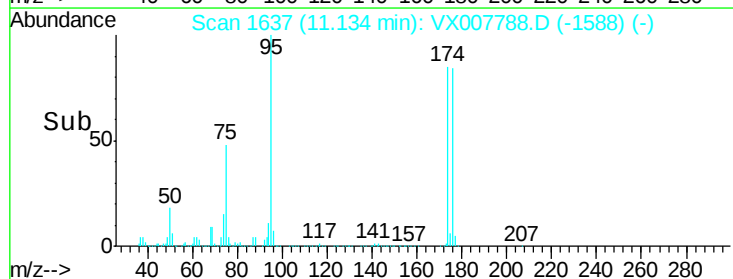
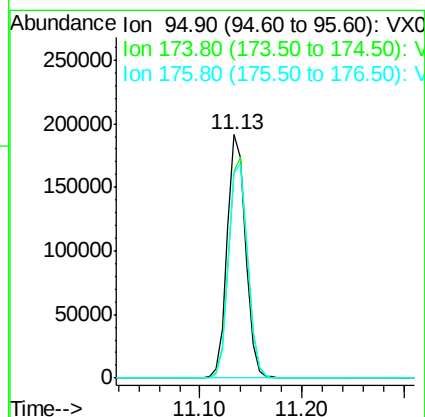
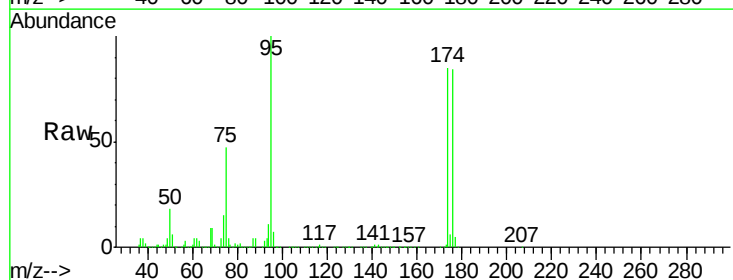
Tgt Ion: 95 Resp: 240546

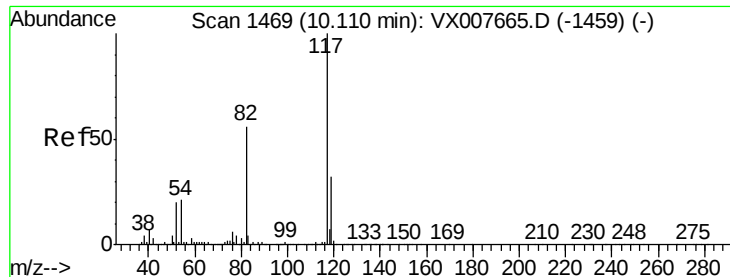
Ion Ratio Lower Upper

95 100

174 92.1 0.0 189.2

176 89.9 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

B-8(7.5-8.5)

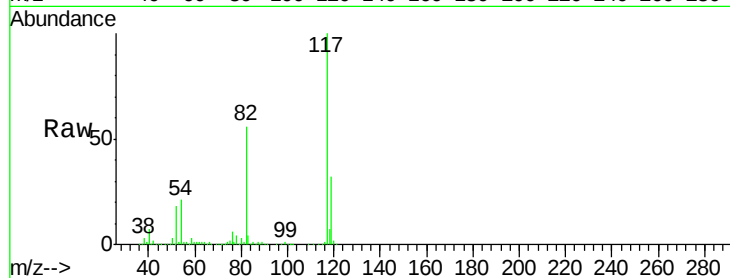
Tot Ion:117 Resp: 501781

Ion Ratio Lower Upper

117 100

82 56.0 42.1 63.1

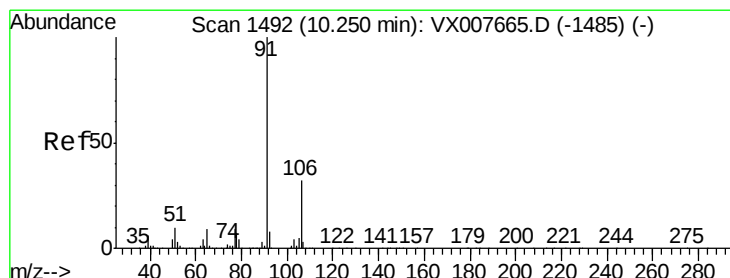
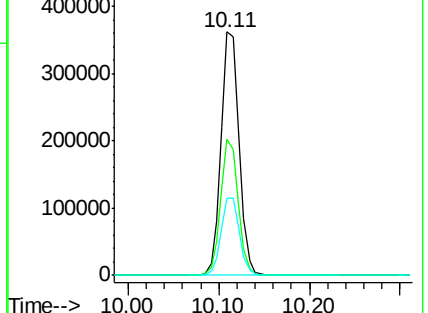
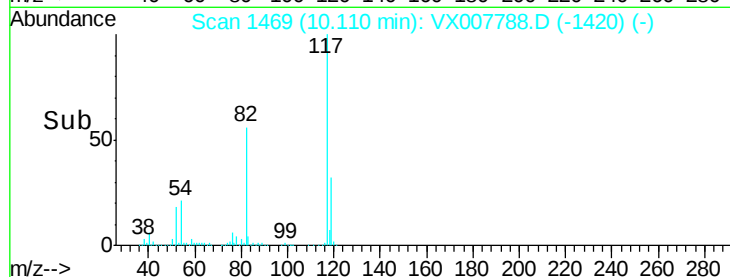
119 31.9 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.514 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007788.D

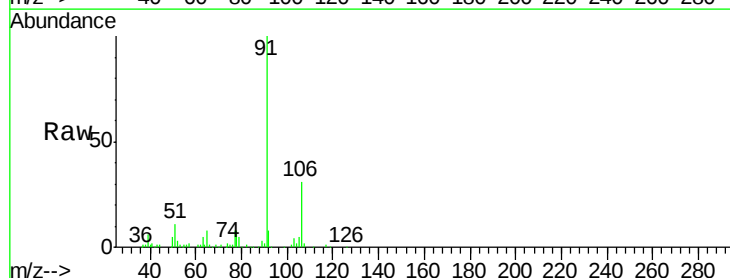
Acq: 01 Mar 2019 14:33

Tgt Ion: 91 Resp: 27213

Ion Ratio Lower Upper

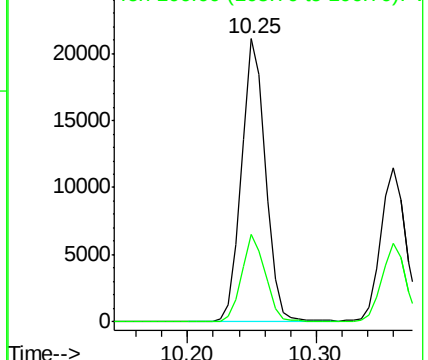
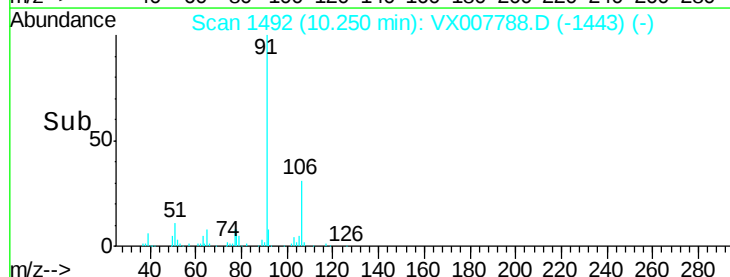
91 100

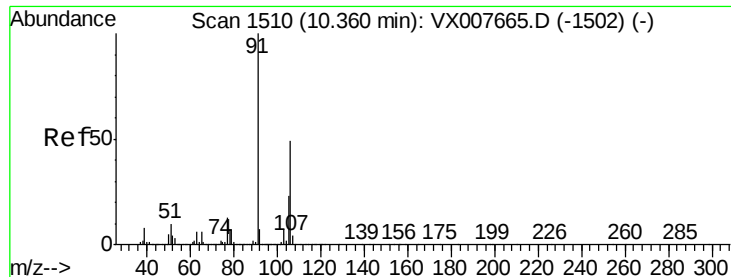
106 30.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

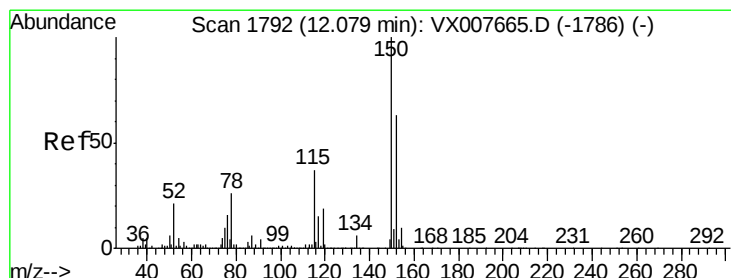
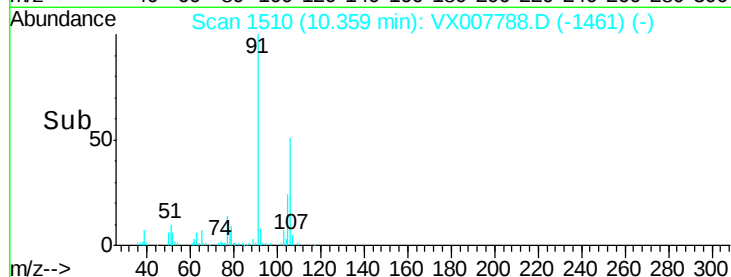
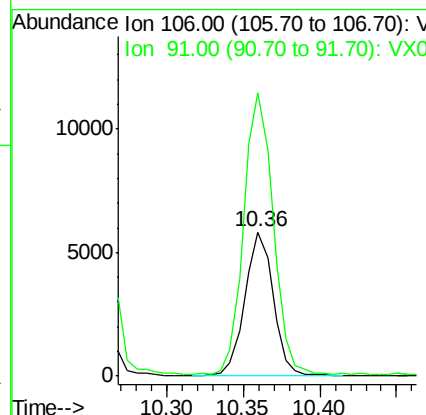
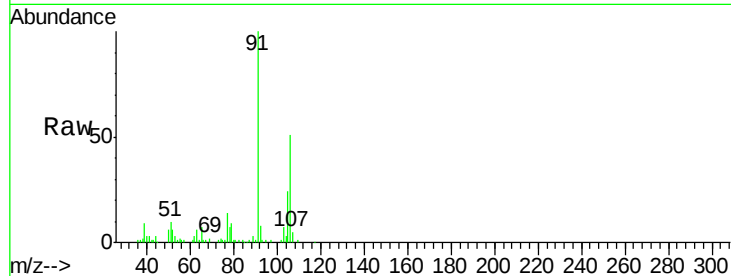




#68
m/p-Xvlenes
Concen: 1.083 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007788.D
Acq: 01 Mar 2019 14:33

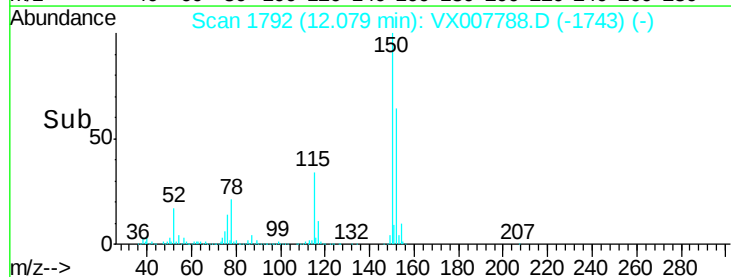
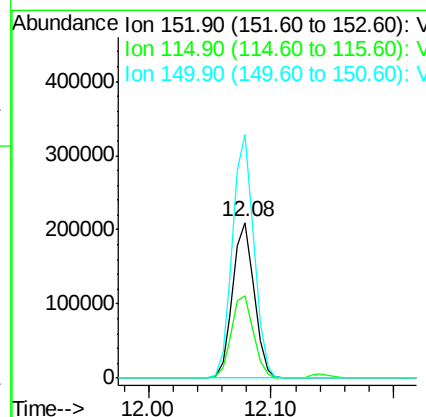
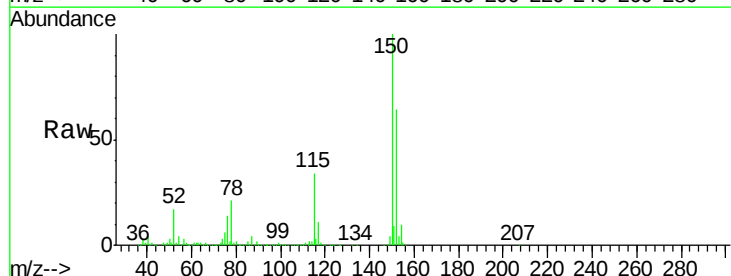
Instrument :
MSVOA_X
ClientSampled :
B-8(7.5-8.5)

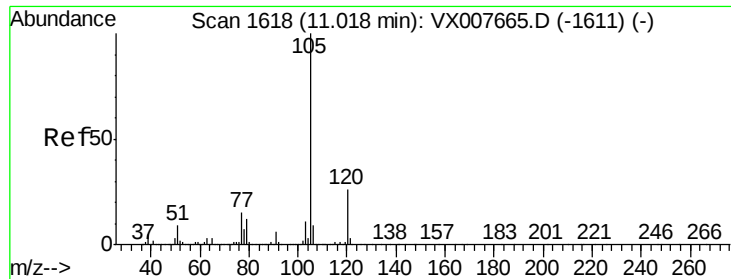
Tot Ion:106 Resp: 7575
Ion Ratio Lower Upper
106 100
91 202.9 156.6 234.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007788.D
Acq: 01 Mar 2019 14:33

Tgt Ion:152 Resp: 253663
Ion Ratio Lower Upper
152 100
115 54.6 38.0 114.0
150 156.5 0.0 346.4





#73

Isopropylbenzene

Concen: 1.257 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampled :

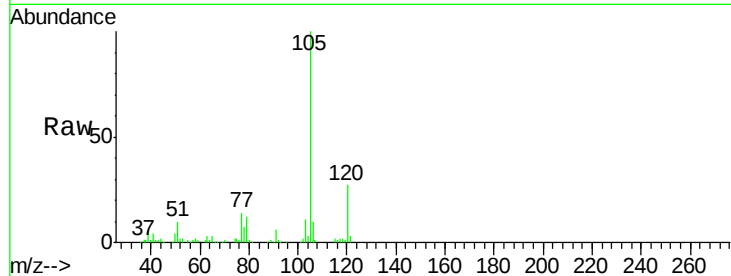
B-8(7.5-8.5)

Tot Ion:105 Resp: 22796

Ion Ratio Lower Upper

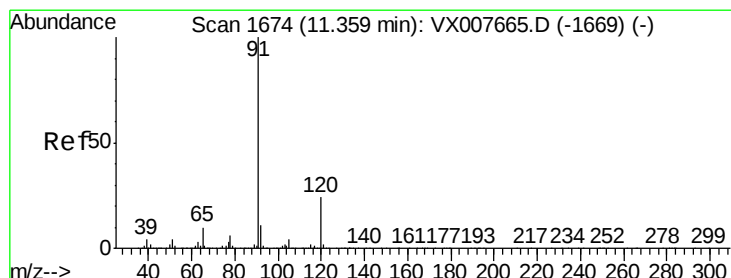
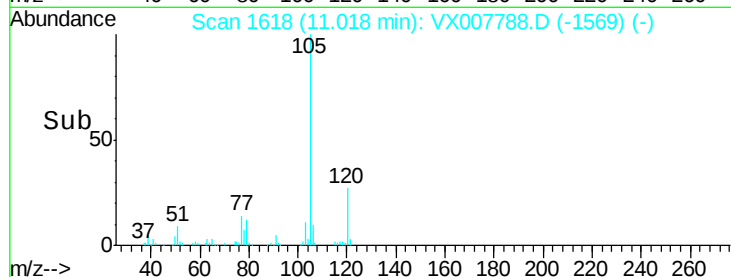
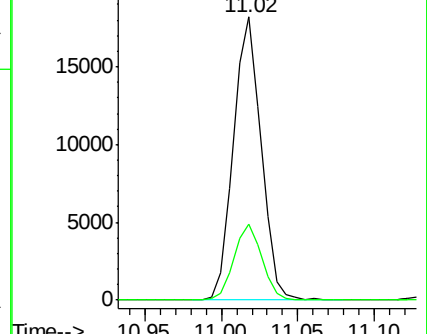
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 4.709 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007788.D

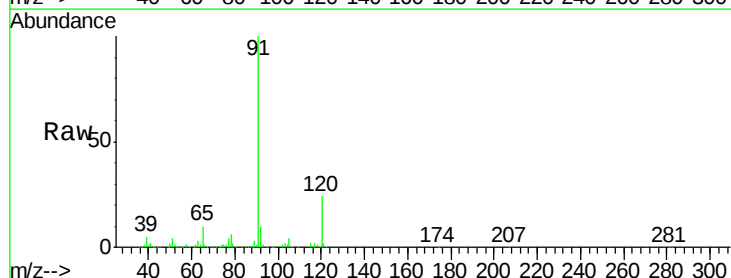
Acq: 01 Mar 2019 14:33

Tgt Ion: 91 Resp: 96477

Ion Ratio Lower Upper

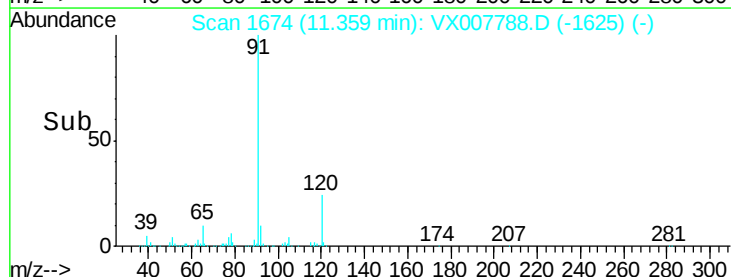
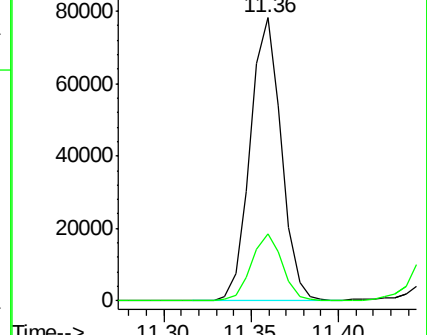
91 100

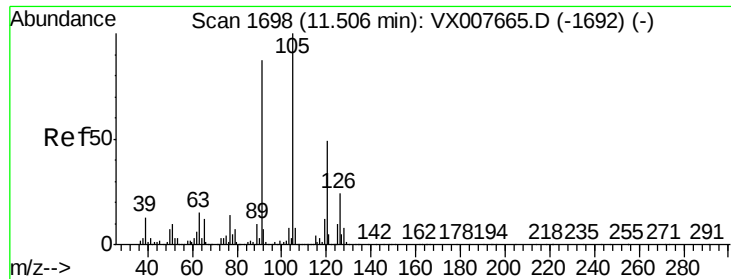
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.798 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampled :

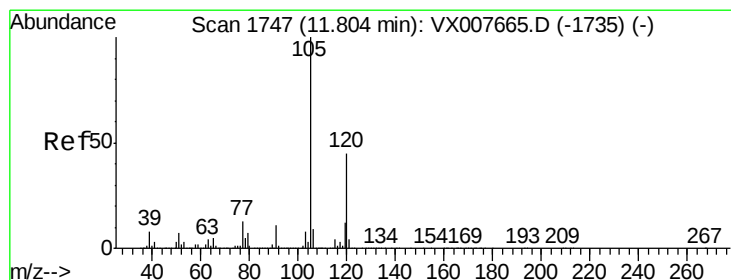
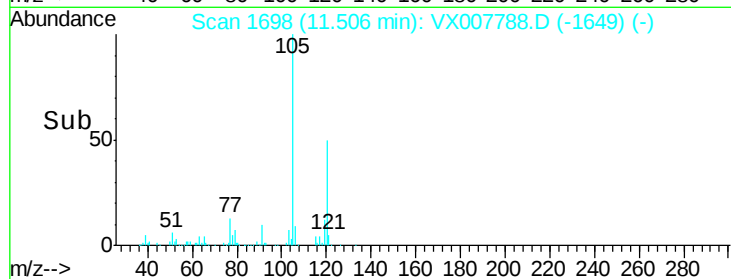
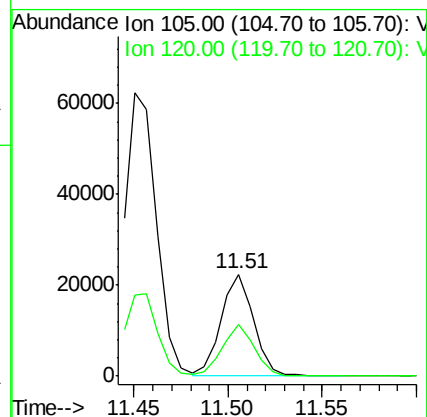
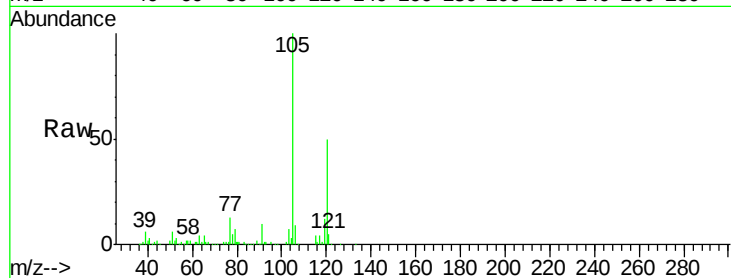
B-8(7.5-8.5)

Tot Ion:105 Resp: 26820

Ion Ratio Lower Upper

105 100

120 48.8 25.3 75.8



#84

1,2,4-Trimethylbenzene

Concen: 11.548 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007788.D

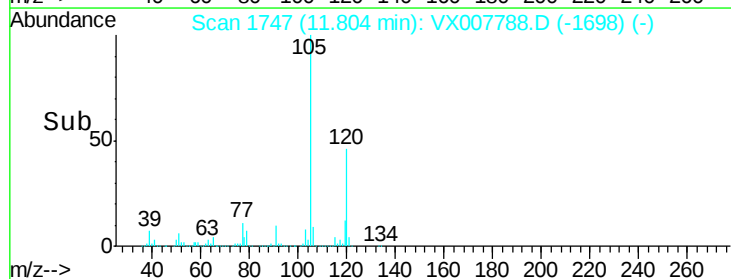
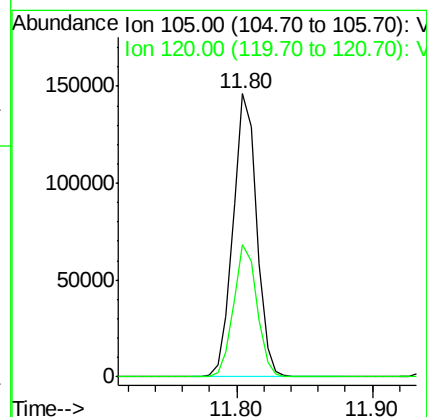
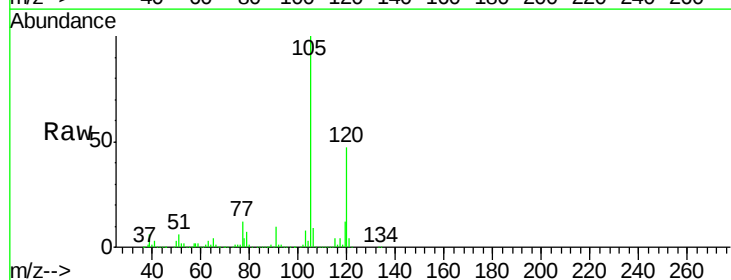
Acq: 01 Mar 2019 14:33

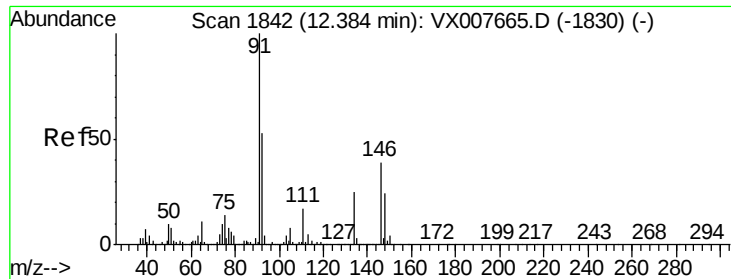
Tgt Ion:105 Resp: 176158

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.3





#89

n-Butylbenzene

Concen: 1.281 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

B-8(7.5-8.5)

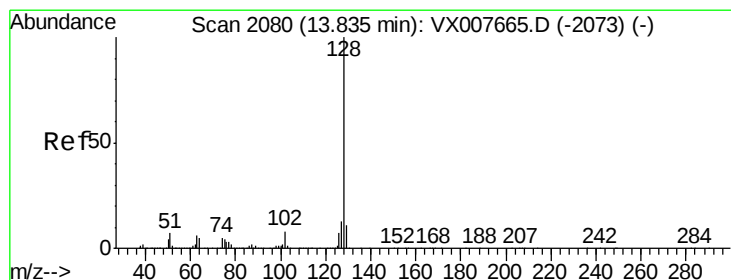
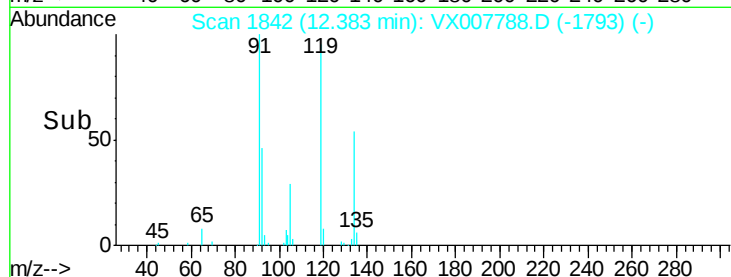
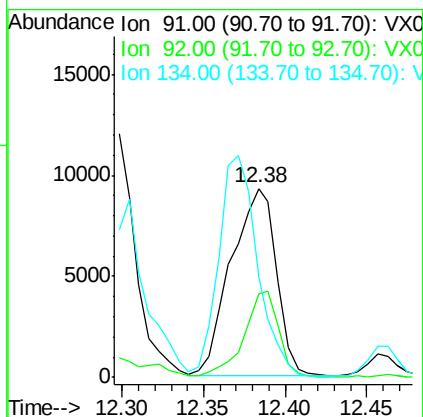
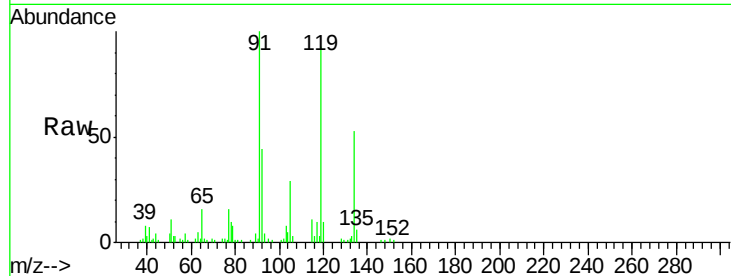
Tot Ion: 91 Resp: 17950

Ion Ratio Lower Upper

91 100

92 35.6 26.3 78.9

134 102.0 13.9 41.6#



#95

Naphthalene

Concen: 5.036 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007788.D

Acq: 01 Mar 2019 14:33

Tgt Ion: 128 Resp: 84058

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.6 8.7 13.1

