

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010295.D
 Acq On : 14 Jun 2019 13:09
 Operator : JC/SP
 Sample : K3273-17ME
 Misc : 4.42g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9 0.5-1.0 060719ME

Quant Time: Jun 14 16:33:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

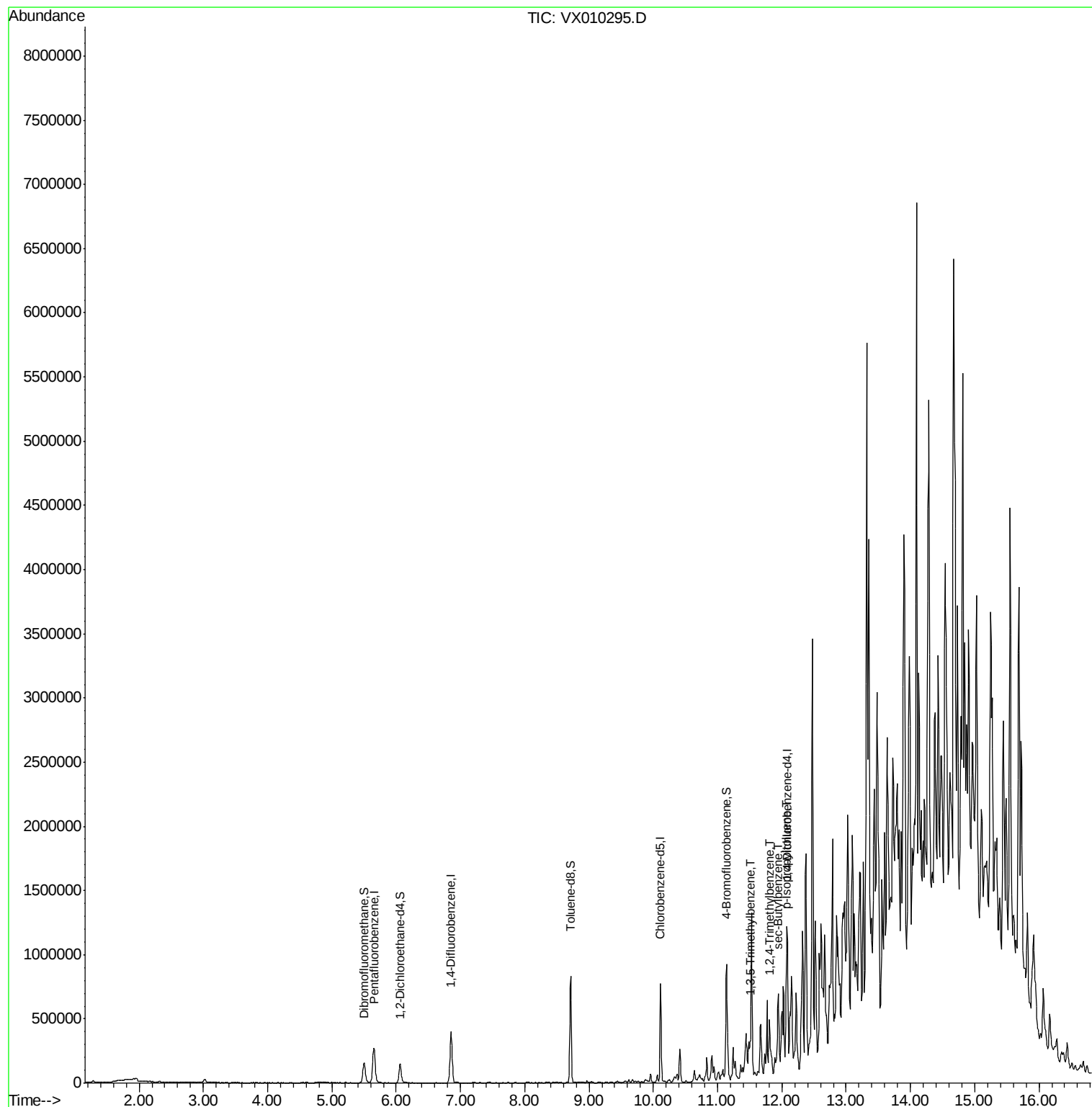
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	289877	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	438147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129700	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
35) Dibromofluoromethane	5.50	113	130631	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	8.71	98	511630	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	182221	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	11.51	105	83385	6.721	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	142342	11.359	ug/l	96
85) sec-Butylbenzene	11.94	105	190601	13.029	ug/l	92
86) p-Isopropyltoluene	12.07	119	111586	8.344	ug/l	96

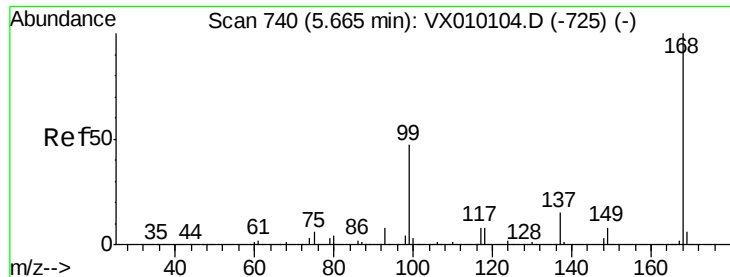
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

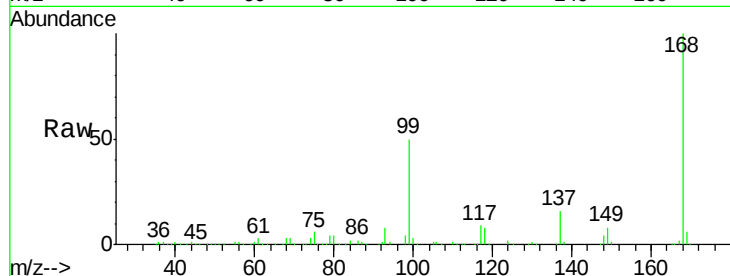
SB-9 0.5-1.0 060719ME

Tot Ion:168 Resp: 289877

Ion Ratio Lower Upper

168 100

99 50.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

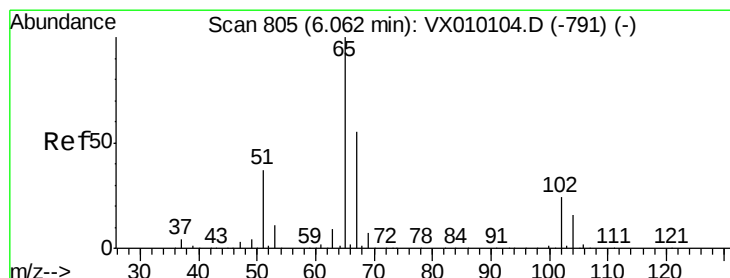
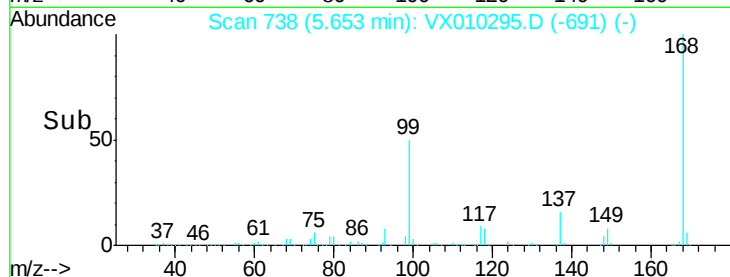
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.838 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010295.D

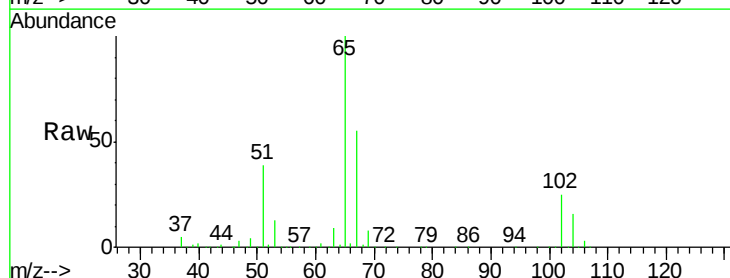
Acq: 14 Jun 2019 13:09

Tgt Ion: 65 Resp: 129700

Ion Ratio Lower Upper

65 100

67 55.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

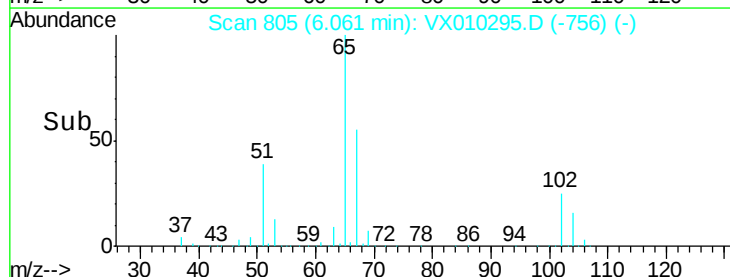
30000

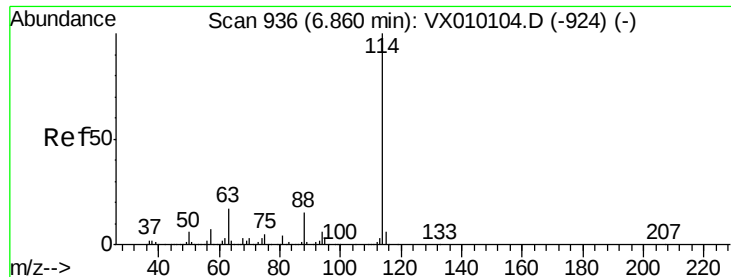
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

SB-9 0.5-1.0 060719ME

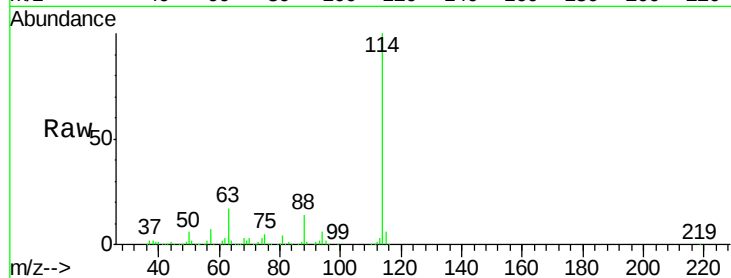
Tot Ion:114 Resp: 438147

Ion Ratio Lower Upper

114 100

63 17.3 0.0 47.4

88 14.4 0.0 33.0



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

250000

200000

150000

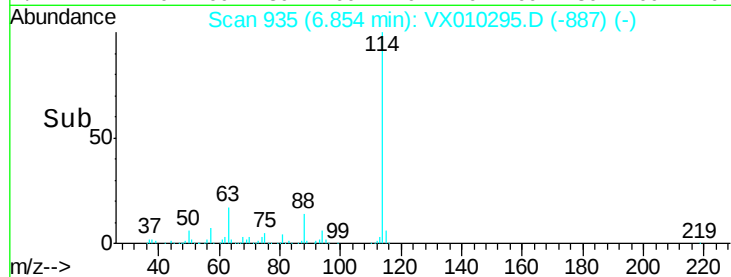
100000

50000

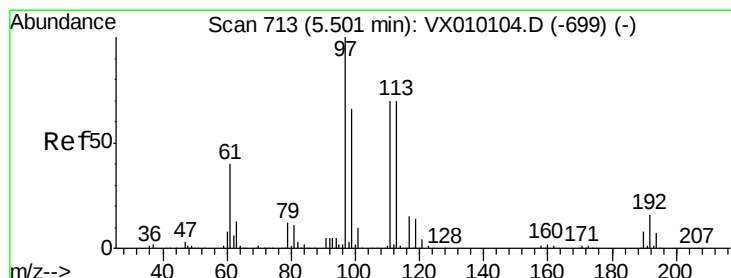
0

6.85

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 48.335 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

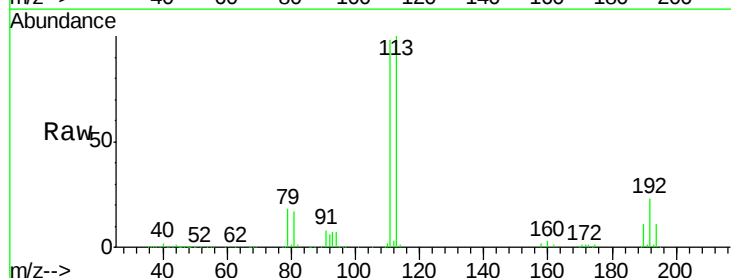
Tgt Ion:113 Resp: 130631

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 23.0 17.1 25.7



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

60000

50000

40000

30000

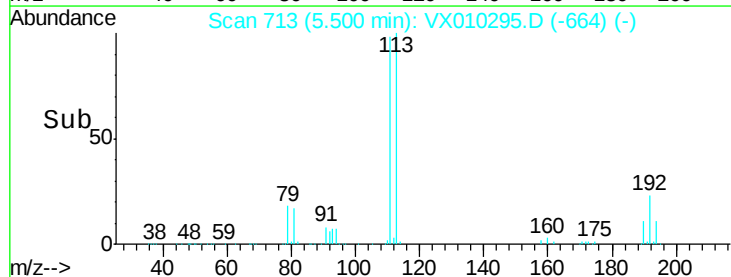
20000

10000

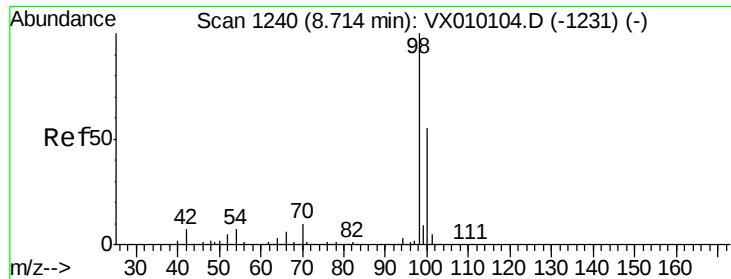
0

5.50

5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 50.512 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

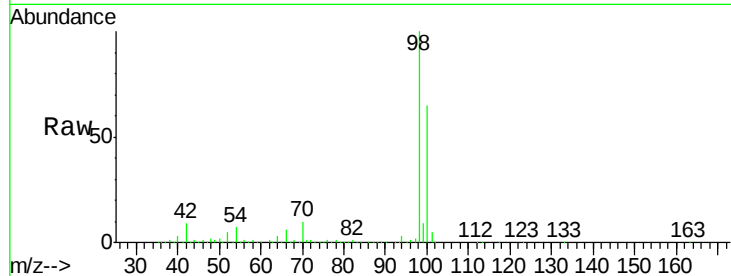
SB-9 0.5-1.0 060719ME

Tot Ion: 98 Resp: 511630

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

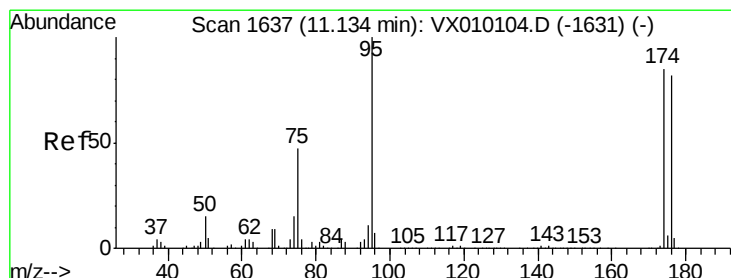
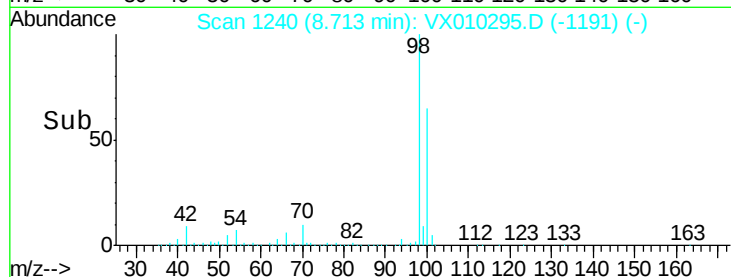
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.172 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

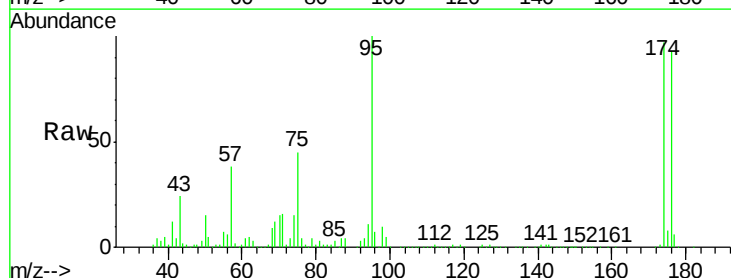
Tgt Ion: 95 Resp: 182221

Ion Ratio Lower Upper

95 100

174 93.9 0.0 160.4

176 92.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

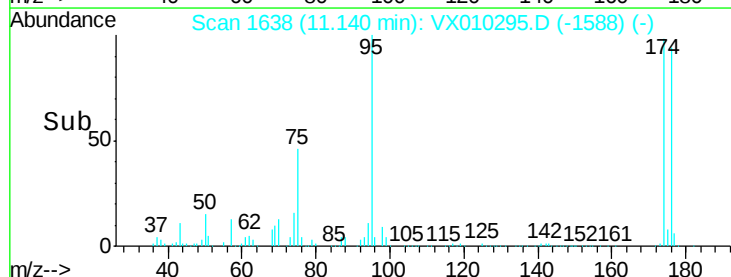
100000

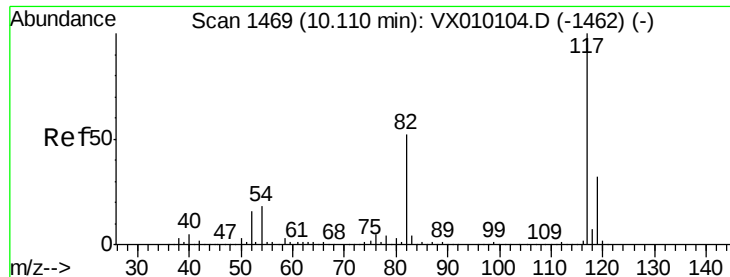
50000

0

11.10 11.15

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

SB-9 0.5-1.0 060719ME

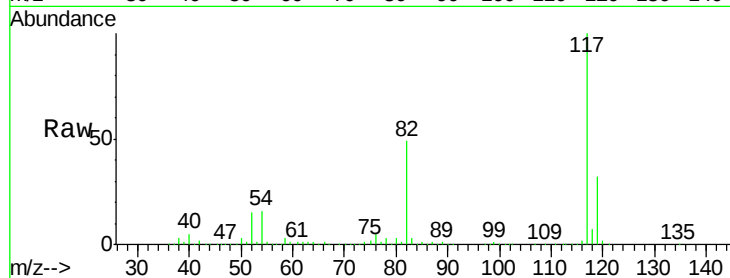
Tot Ion:117 Resp: 393038

Ion Ratio Lower Upper

117 100

82 48.8 49.2 73.8#

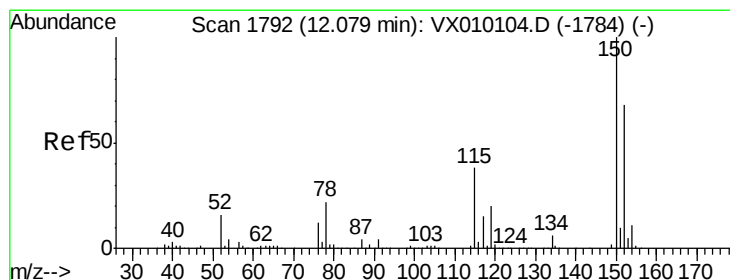
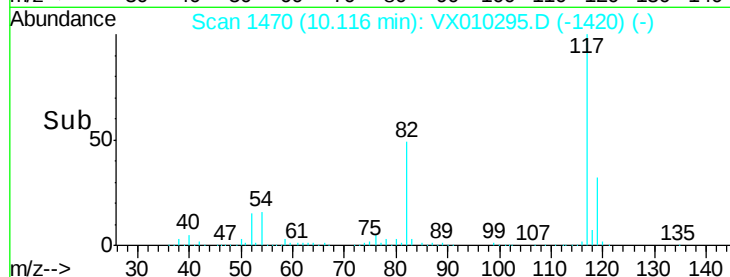
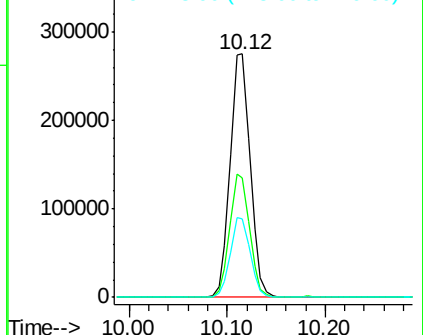
119 32.3 25.2 37.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

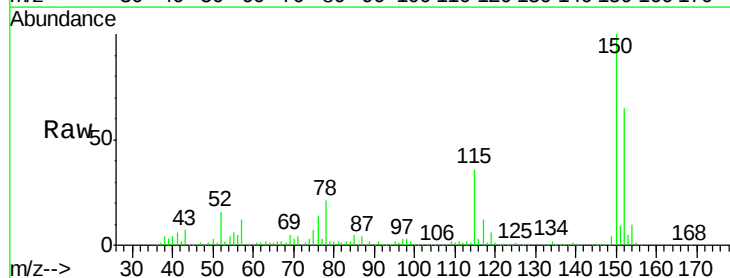
Tgt Ion:152 Resp: 211007

Ion Ratio Lower Upper

152 100

115 57.5 41.4 124.2

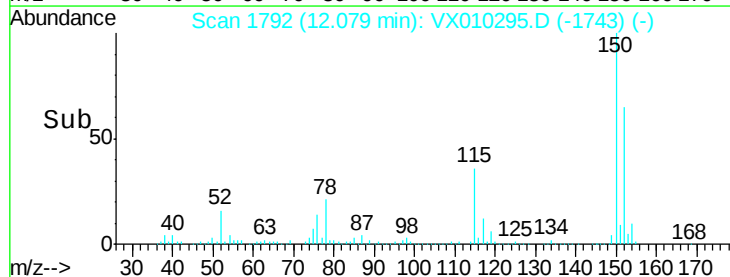
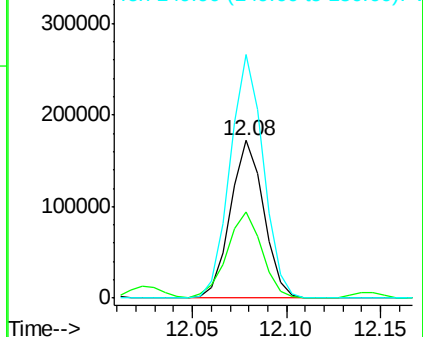
150 154.9 0.0 345.2

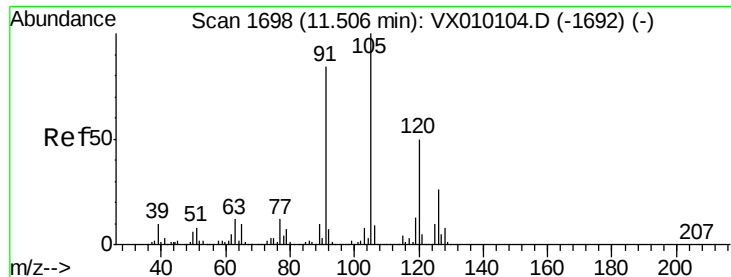


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 6.721 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

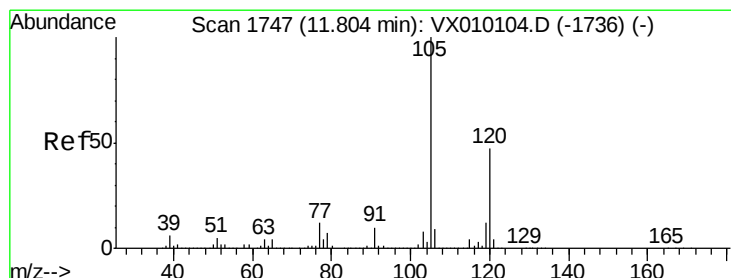
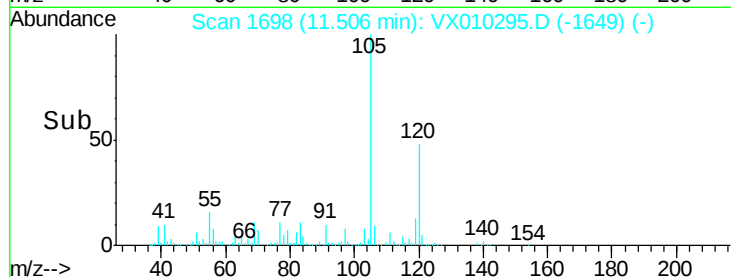
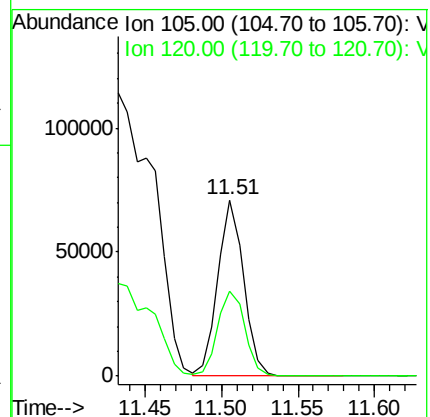
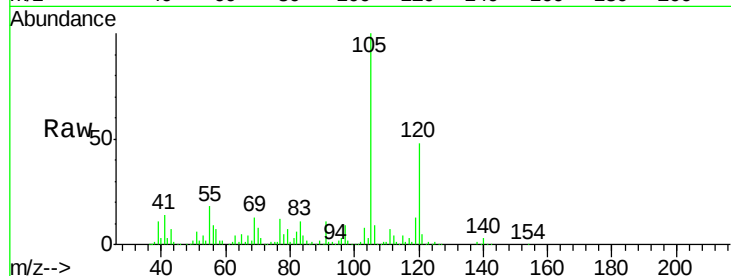
SB-9 0.5-1.0 060719ME

Tot Ion:105 Resp: 83385

Ion Ratio Lower Upper

105 100

120 51.2 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 11.359 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010295.D

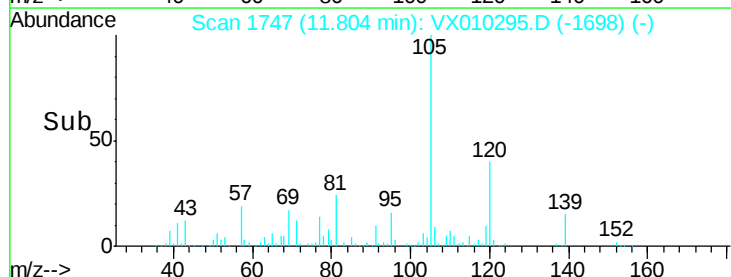
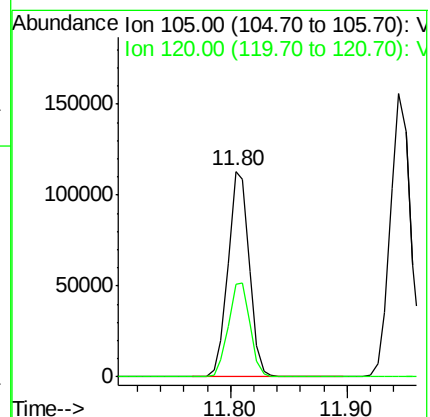
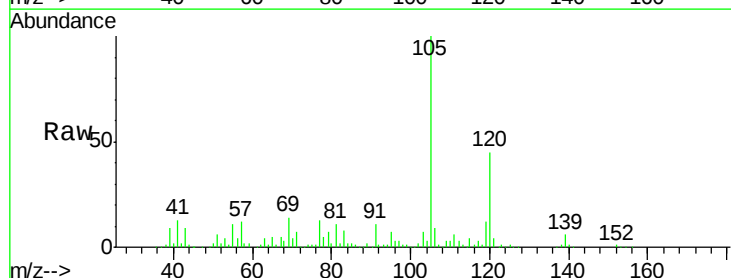
Acq: 14 Jun 2019 13:09

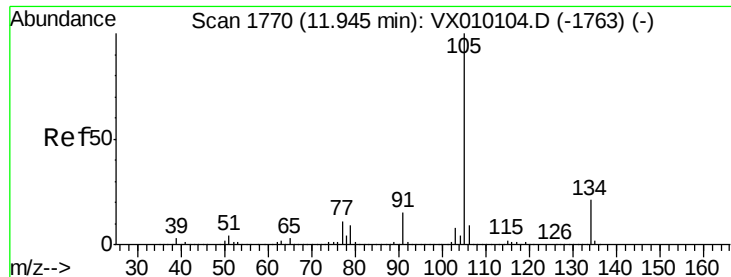
Tgt Ion:105 Resp: 142342

Ion Ratio Lower Upper

105 100

120 46.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 13.029 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

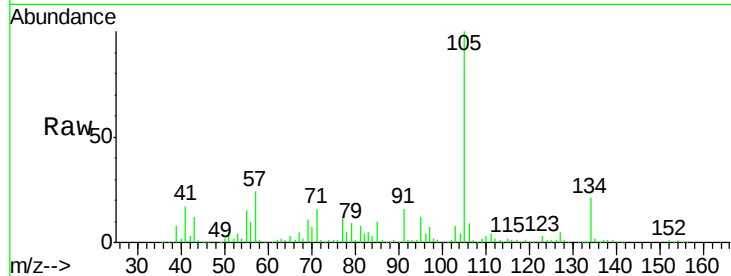
SB-9 0.5-1.0 060719ME

Tot Ion:105 Resp: 190601

Ion Ratio Lower Upper

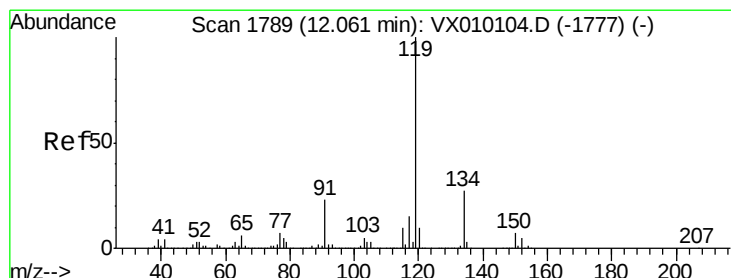
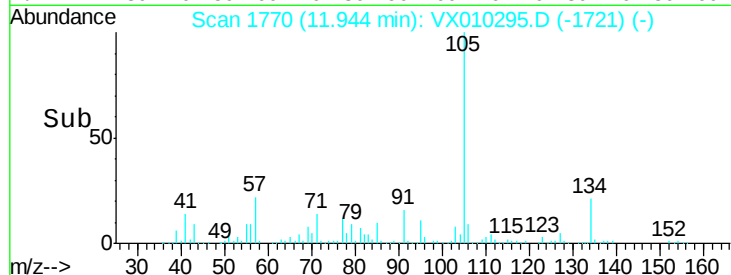
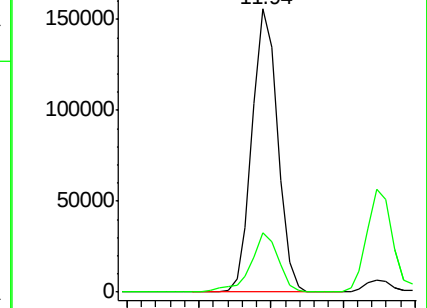
105 100

134 22.8 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 8.344 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX010295.D

Acq: 14 Jun 2019 13:09

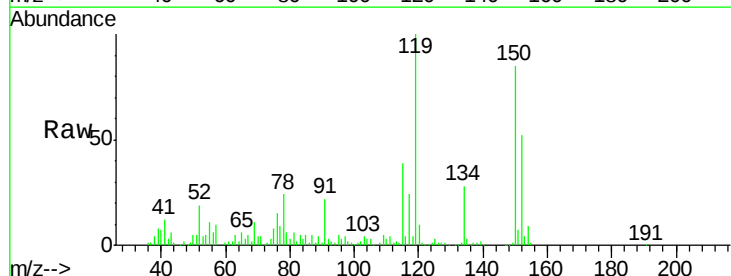
Tgt Ion:119 Resp: 111586

Ion Ratio Lower Upper

119 100

134 28.4 12.9 38.6

91 22.2 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

