

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007752.D
 Acq On : 27 Feb 2019 23:24
 Operator : JC/SP
 Sample : K1594-38ME
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Feb 28 13:11:13 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

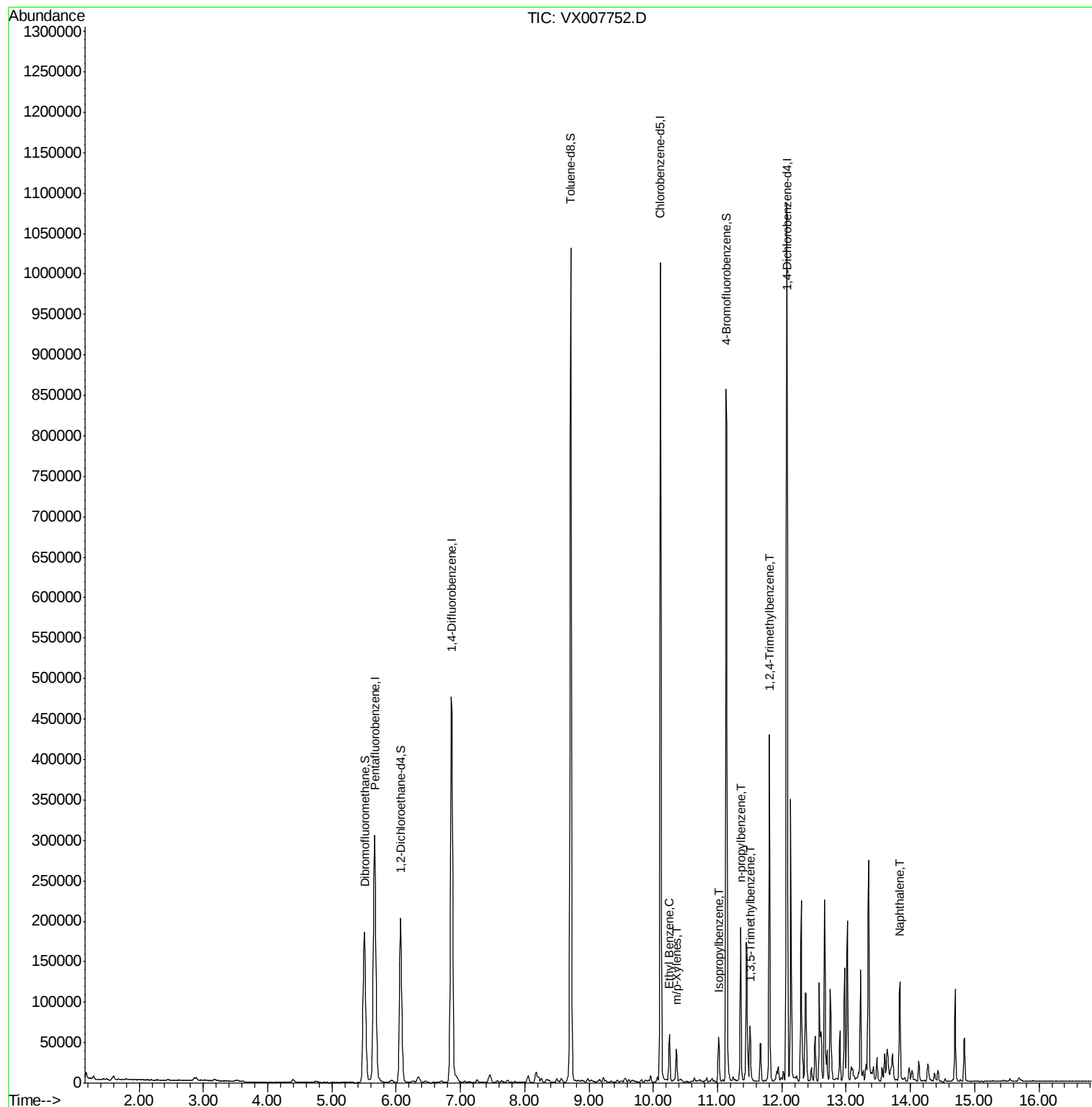
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	492175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	467652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190220	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	159805	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	8.71	98	606734	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.13	95	221622	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
Target Compounds						
67) Ethyl Benzene	10.25	91	32335	1.930	ug/l	97
68) m/p-Xylenes	10.36	106	8519	1.307	ug/l	92
73) Isopropylbenzene	11.02	105	27311	1.643	ug/l	98
78) n-propylbenzene	11.36	91	112486	5.987	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	28642	2.094	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	180768	12.922	ug/l	100
95) Naphthalene	13.83	128	76856	5.021	ug/l	98

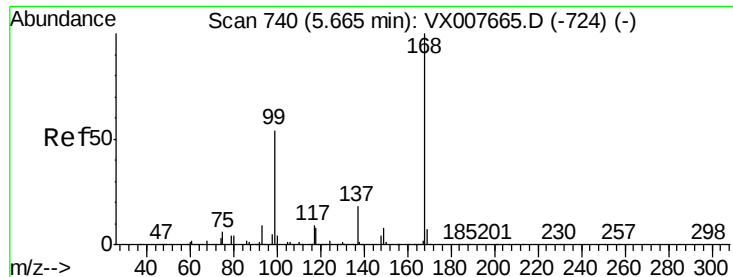
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-8(7.5-8.5)ME

Quant Time: Feb 28 13:11:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
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: VX007752.D

Acq: 27 Feb 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

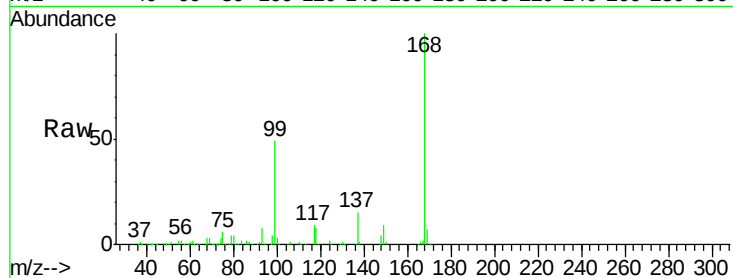
B-8(7.5-8.5)ME

Tot Ion:168 Resp: 314271

Ion Ratio Lower Upper

168 100

99 49.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

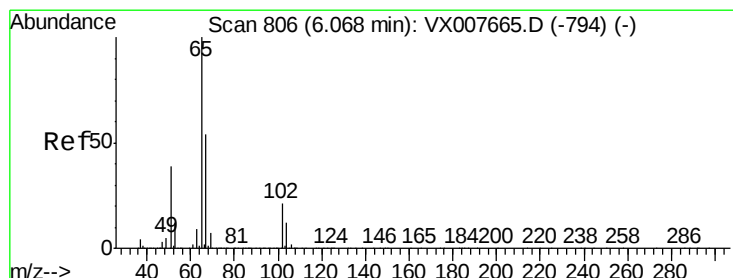
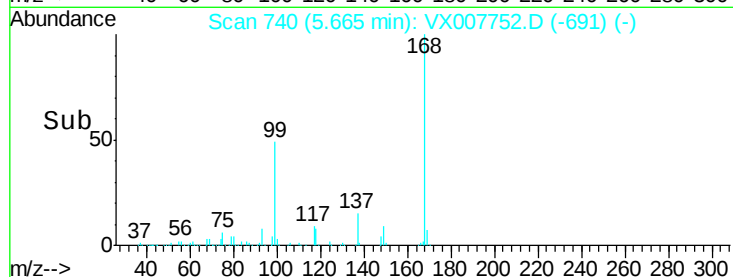
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 48.864 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007752.D

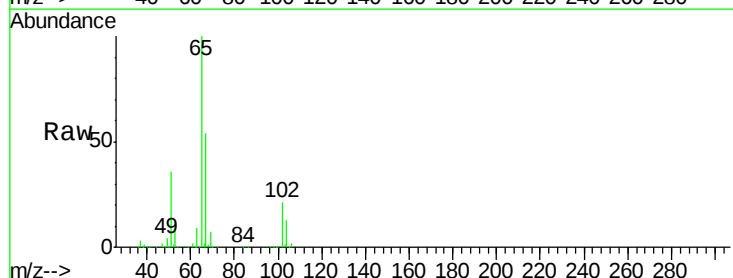
Acq: 27 Feb 2019 23:24

Tgt Ion: 65 Resp: 190220

Ion Ratio Lower Upper

65 100

67 53.9 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

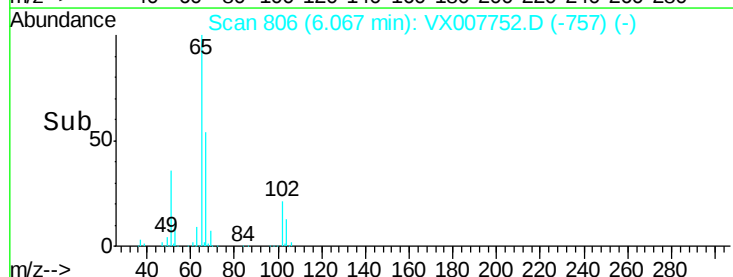
60000

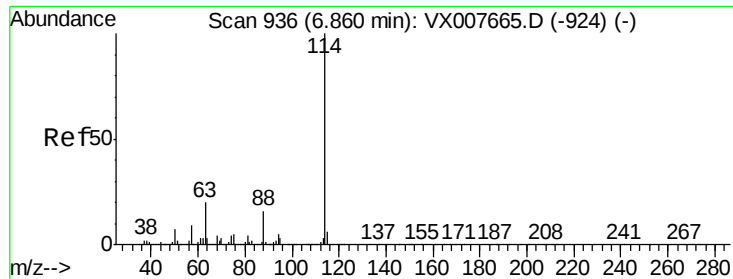
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

B-8(7.5-8.5)ME

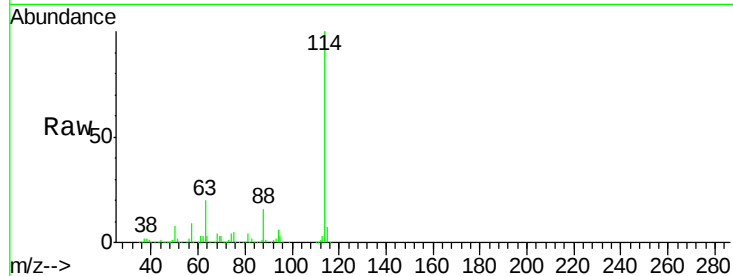
Tot Ion:114 Resp: 492175

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

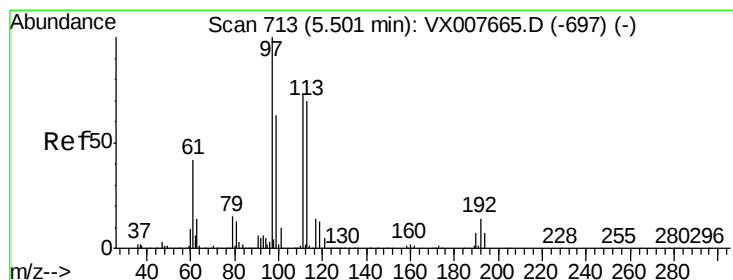
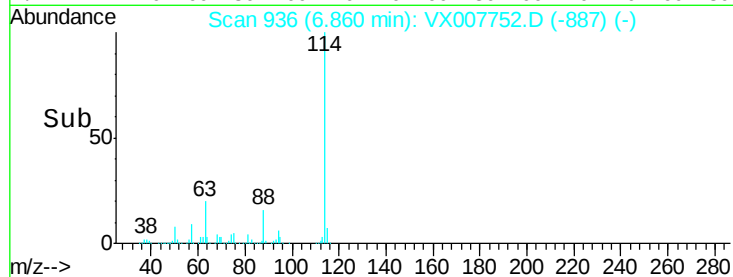
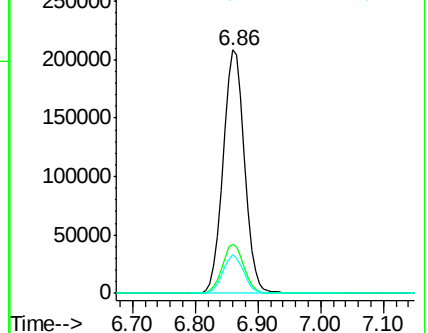
88 15.9 0.0 29.6



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: 48.572 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

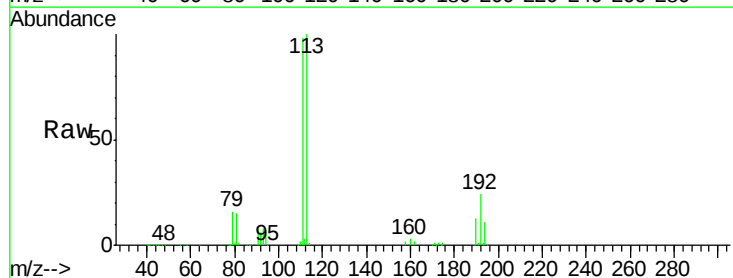
Tgt Ion:113 Resp: 159805

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

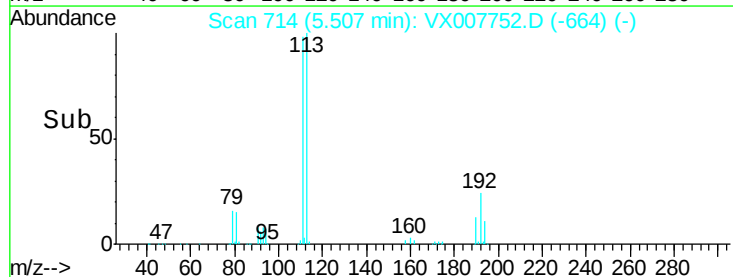
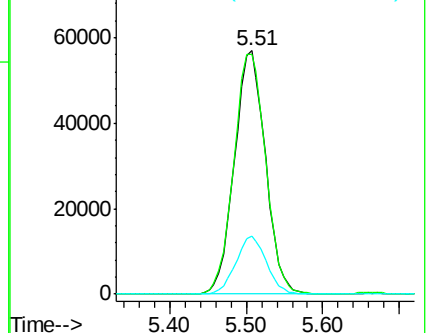
192 23.4 18.5 27.7

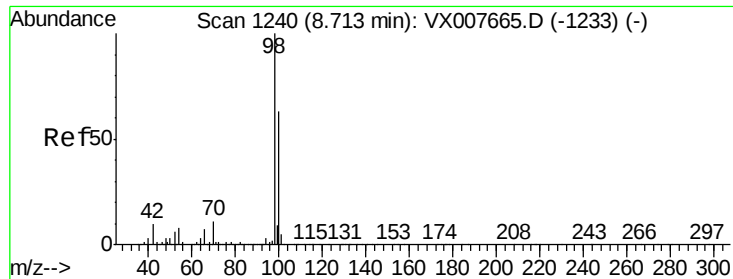


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.171 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

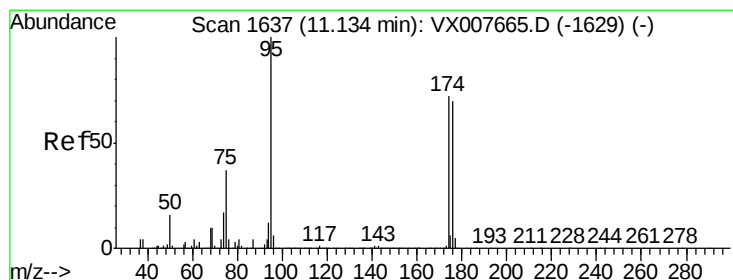
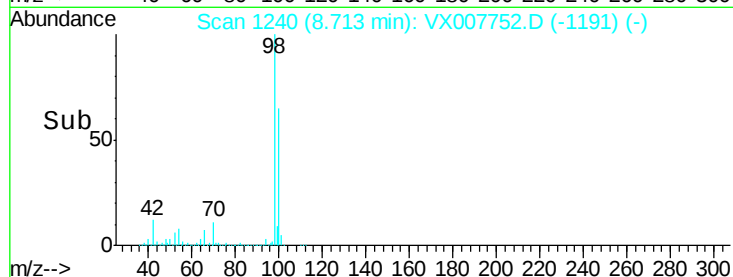
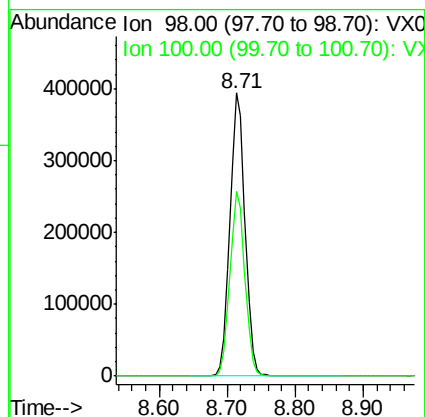
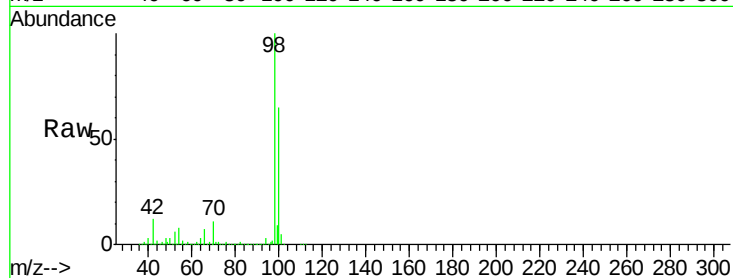
B-8(7.5-8.5)ME

Tot Ion: 98 Resp: 606734

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.939 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

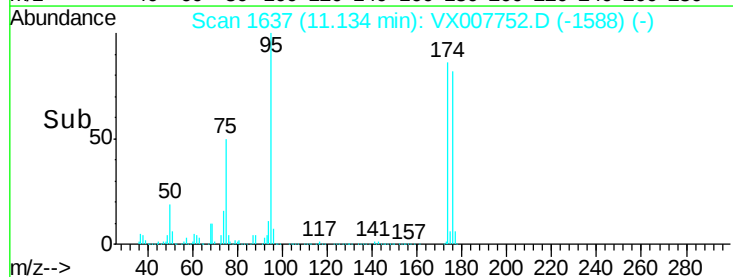
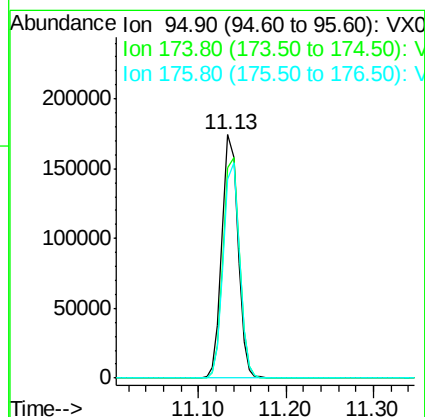
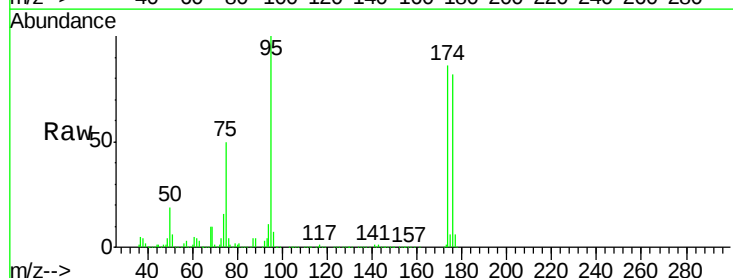
Tgt Ion: 95 Resp: 221622

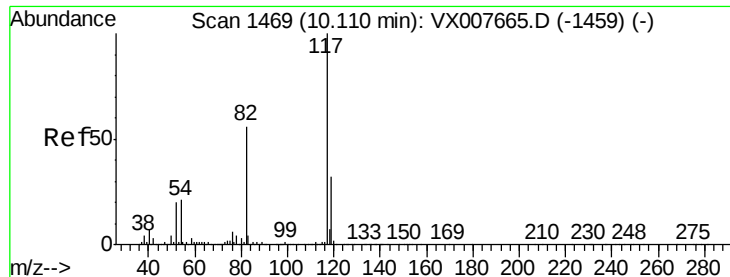
Ion Ratio Lower Upper

95 100

174 92.2 0.0 189.2

176 89.1 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: VX007752.D

Acq: 27 Feb 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

B-8(7.5-8.5)ME

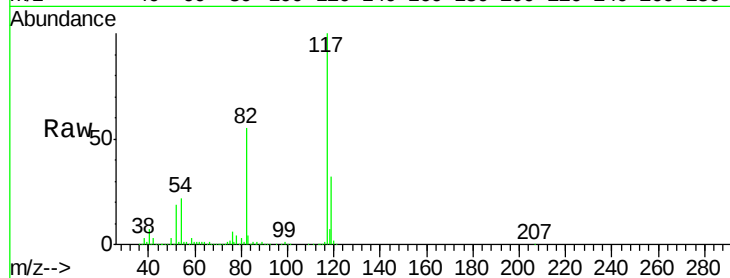
Tot Ion:117 Resp: 467652

Ion Ratio Lower Upper

117 100

82 55.3 42.1 63.1

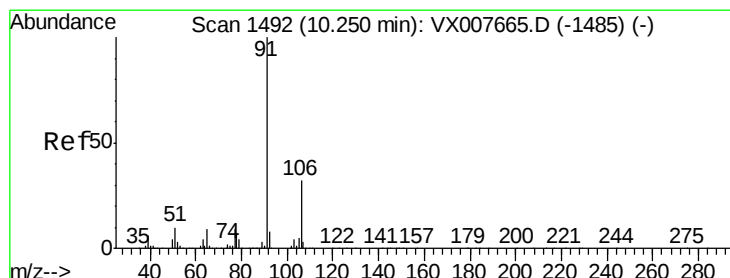
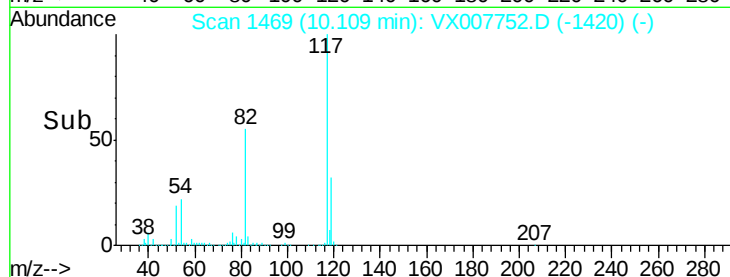
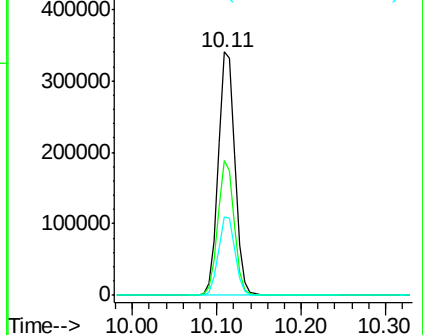
119 32.4 26.5 39.7



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: 1.930 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007752.D

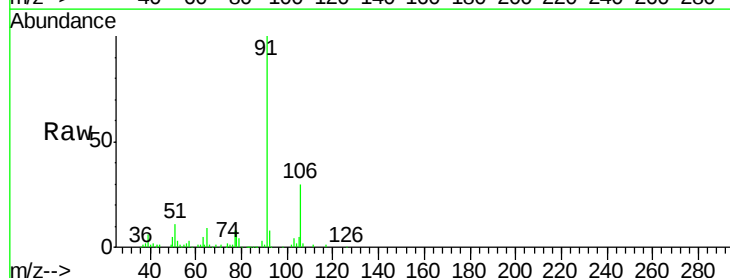
Acq: 27 Feb 2019 23:24

Tgt Ion: 91 Resp: 32335

Ion Ratio Lower Upper

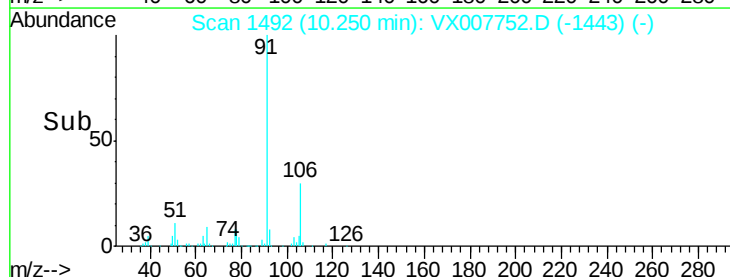
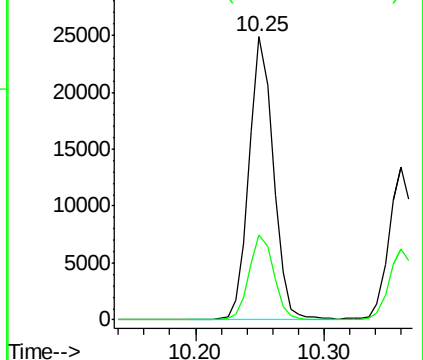
91 100

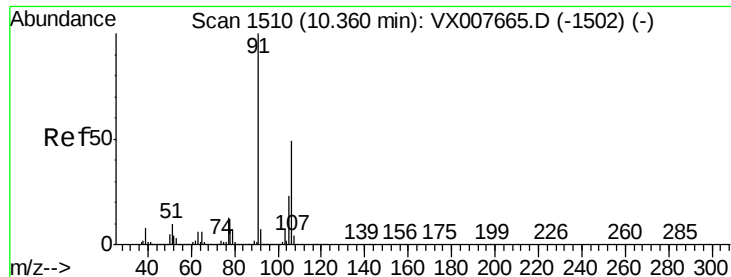
106 30.0 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 1.307 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

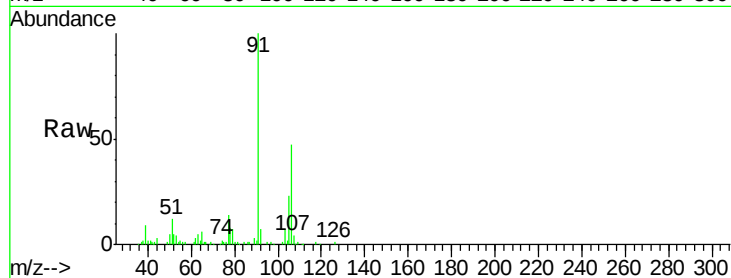
B-8(7.5-8.5)ME

Tot Ion:106 Resp: 8519

Ion Ratio Lower Upper

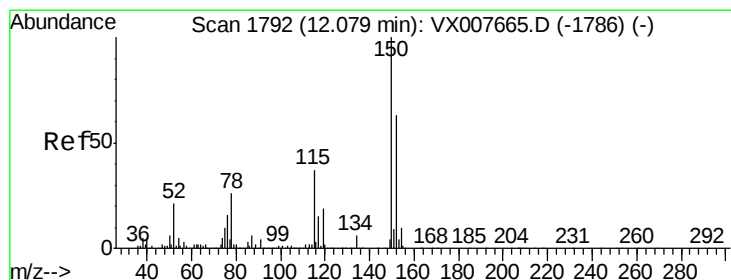
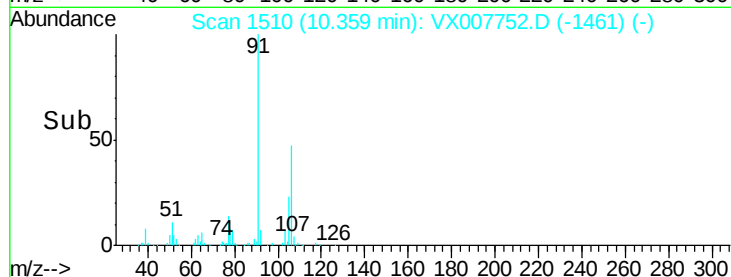
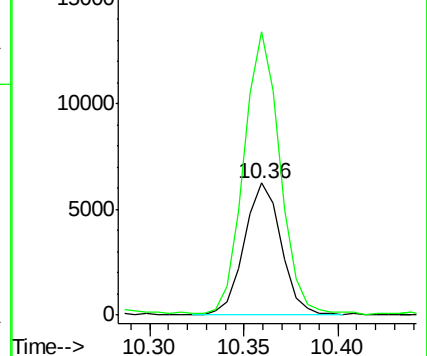
106 100

91 207.9 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

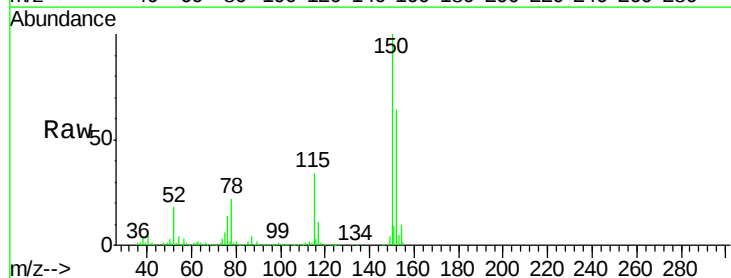
Tgt Ion:152 Resp: 232626

Ion Ratio Lower Upper

152 100

115 54.7 38.0 114.0

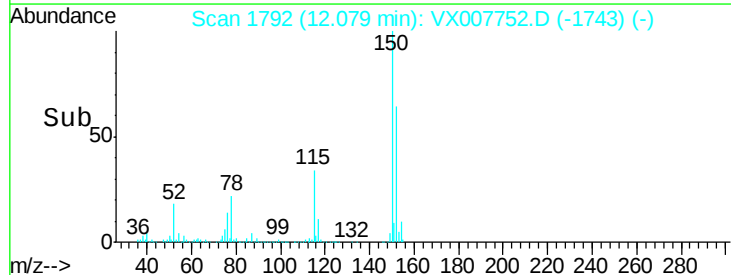
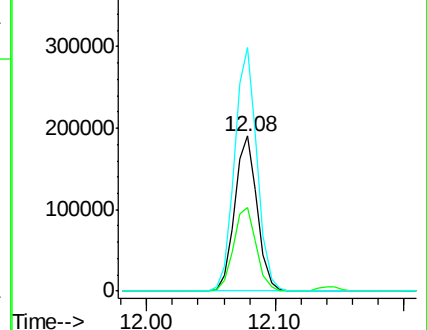
150 156.9 0.0 346.4

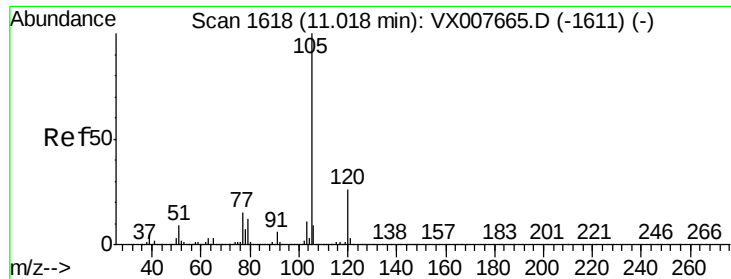


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.643 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

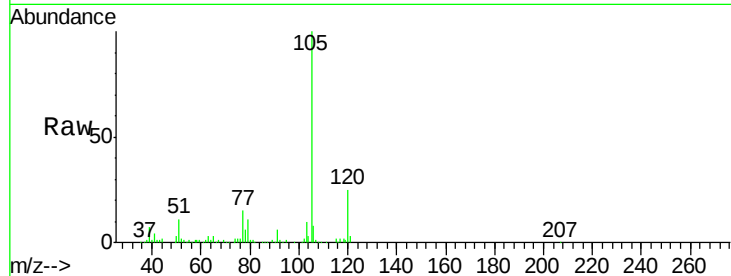
B-8(7.5-8.5)ME

Tot Ion:105 Resp: 27311

Ion Ratio Lower Upper

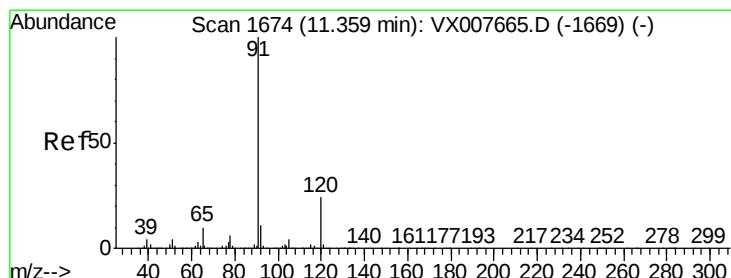
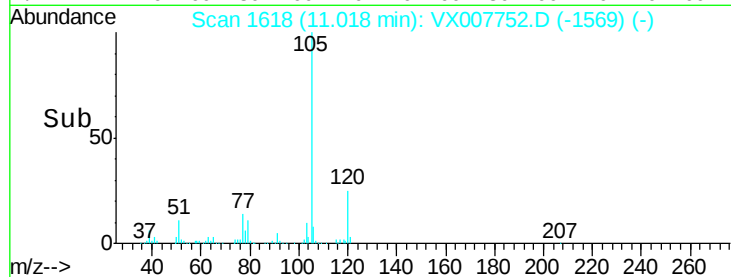
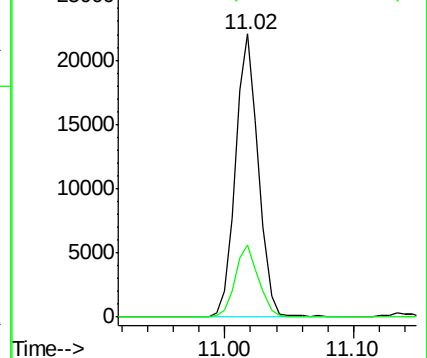
105 100

120 25.9 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: 5.987 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007752.D

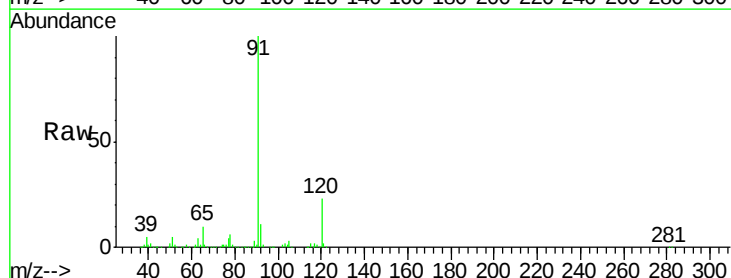
Acq: 27 Feb 2019 23:24

Tgt Ion: 91 Resp: 112486

Ion Ratio Lower Upper

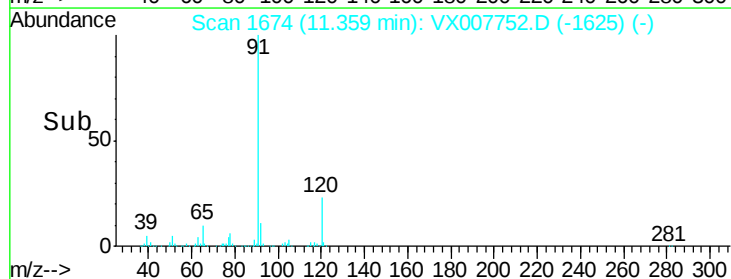
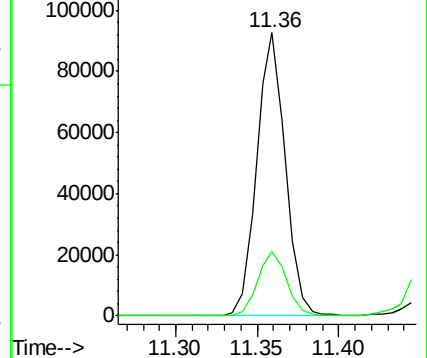
91 100

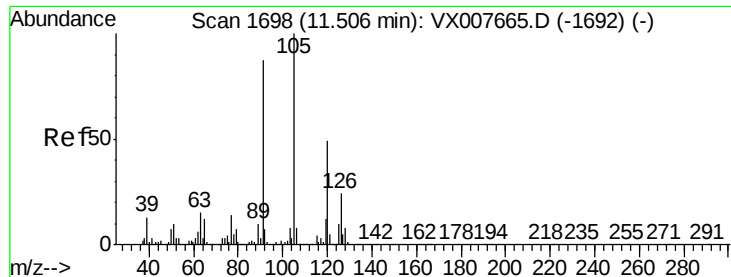
120 23.2 12.4 37.2



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: 2.094 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007752.D

Acq: 27 Feb 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

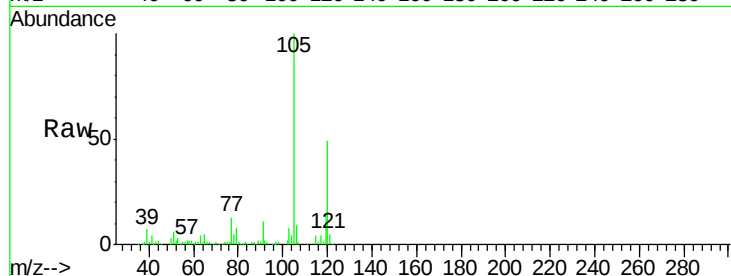
B-8(7.5-8.5)ME

Tot Ion:105 Resp: 28642

Ion Ratio Lower Upper

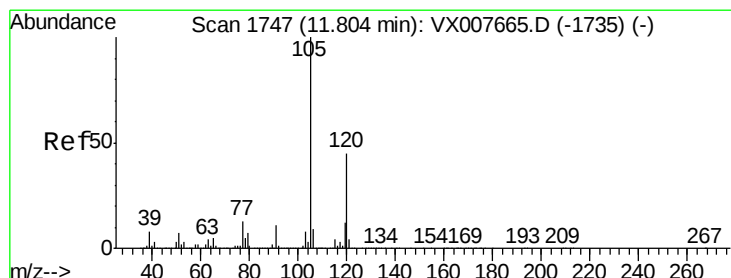
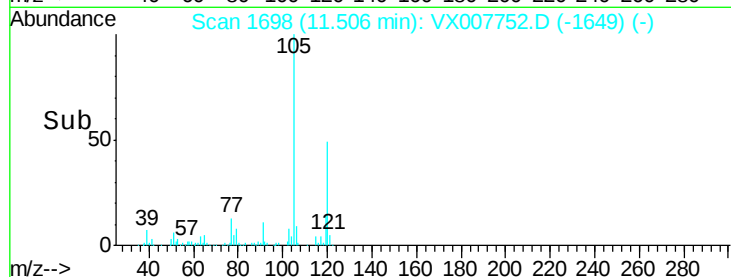
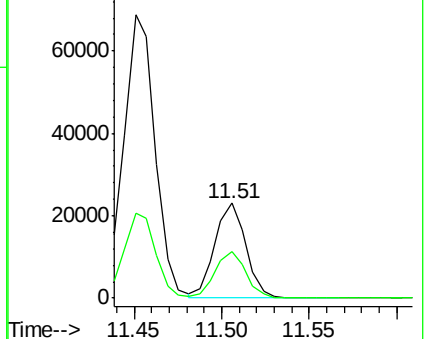
105 100

120 48.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 12.922 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007752.D

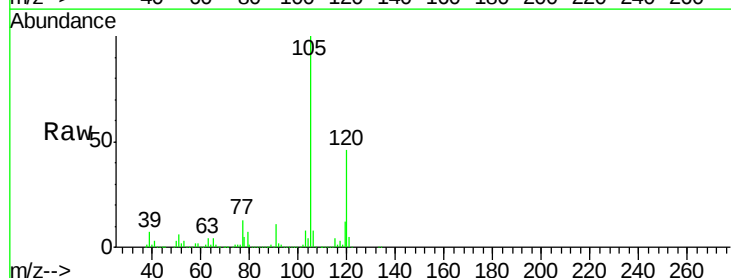
Acq: 27 Feb 2019 23:24

Tgt Ion:105 Resp: 180768

Ion Ratio Lower Upper

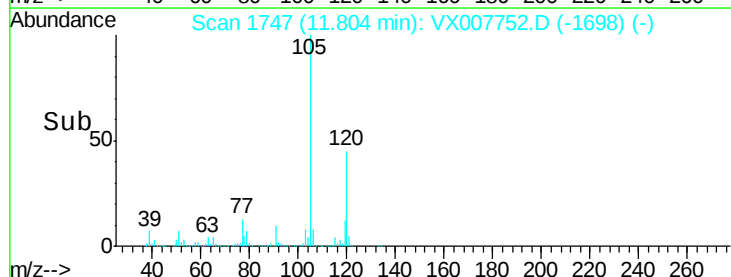
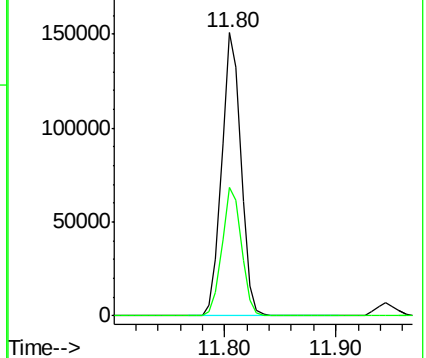
105 100

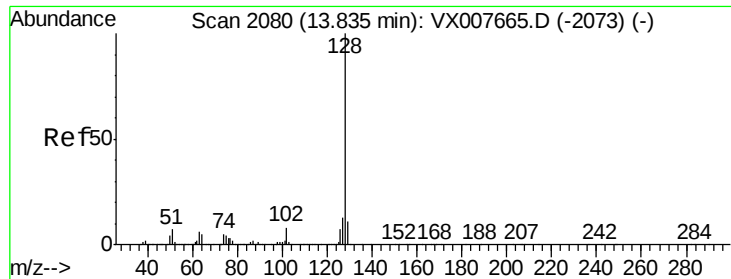
120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 5.021 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007752.D
Acq: 27 Feb 2019 23:24

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	12.0	8.7	13.1

