

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003772.D
 Acq On : 01 Aug 2018 02:13
 Operator : JC/SP
 Sample : J4121-09
 Misc : 8.49G/5.0mL/MSVOA X/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-072318

Quant Time: Aug 01 07:13:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

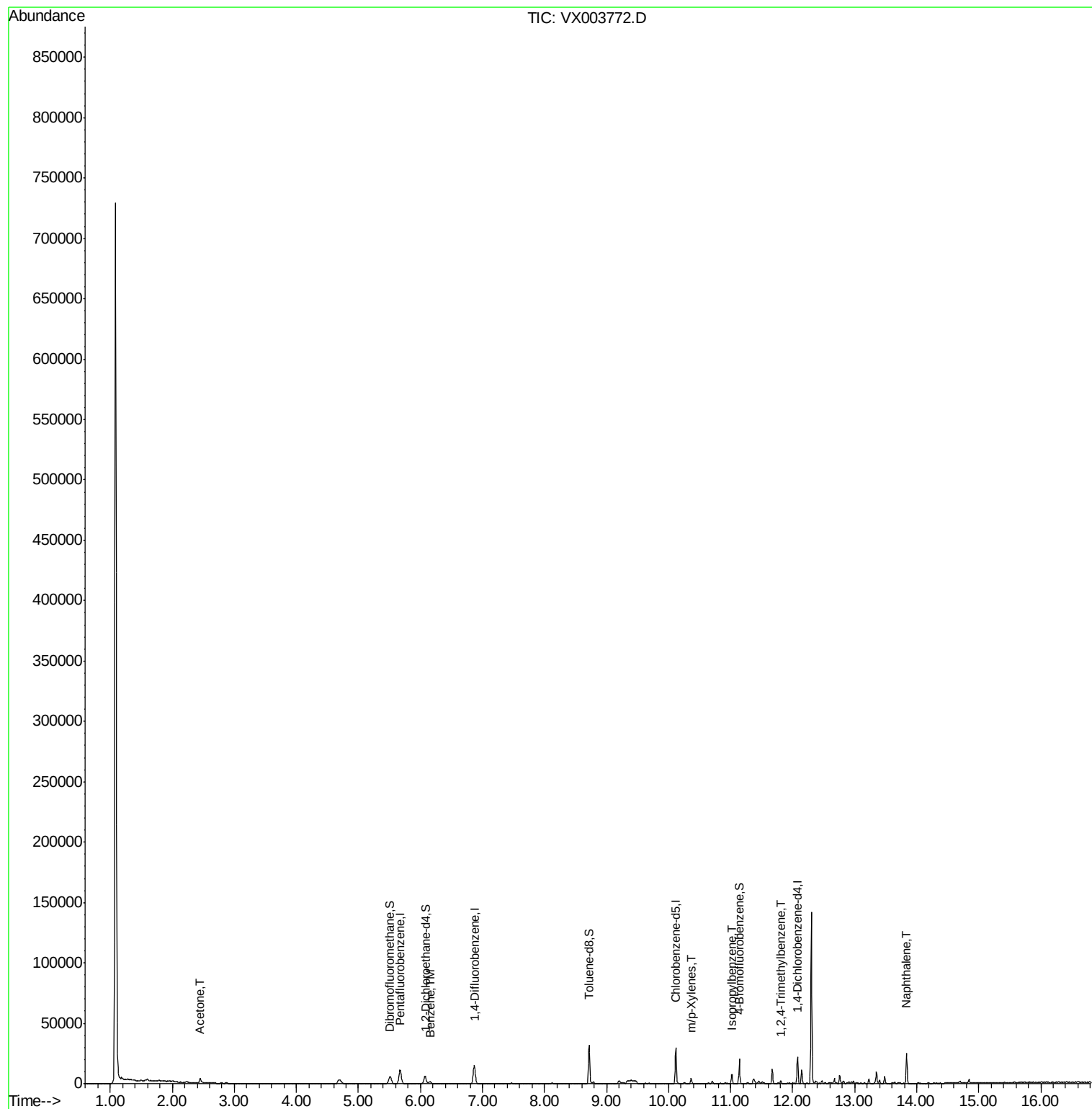
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	11774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	15830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	13968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	4667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	5644	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	5.51	113	5460	58.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.16%	
50) Toluene-d8	8.72	98	19598	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.14	95	5416	37.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.60%	
Target Compounds						
16) Acetone	2.45	43	3552	78.09	ug/l	94
40) Benzene	6.15	78	1943	4.57	ug/l	98
68) m/p-Xylenes	10.36	106	1153	5.98	ug/l	99
73) Isopropylbenzene	11.02	105	4023	13.77	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1030	4.01	ug/l	98
95) Naphthalene	13.83	128	15387	63.26	ug/l	99

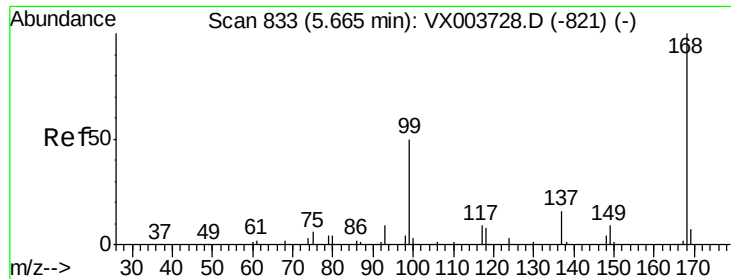
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

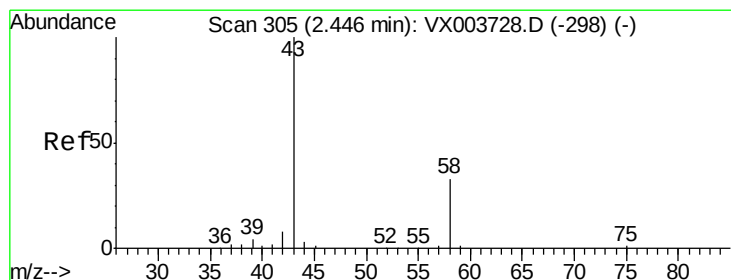
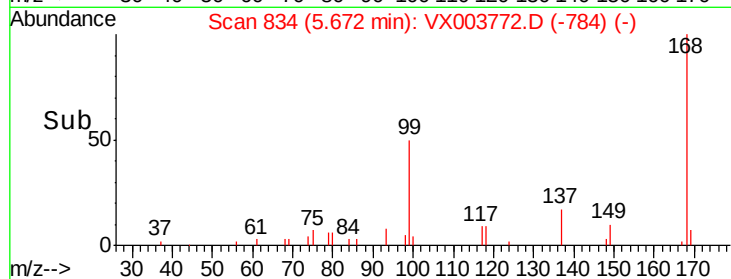
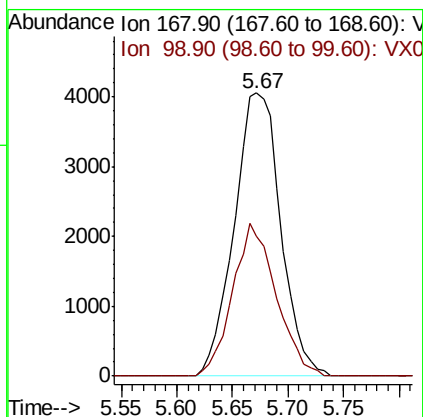
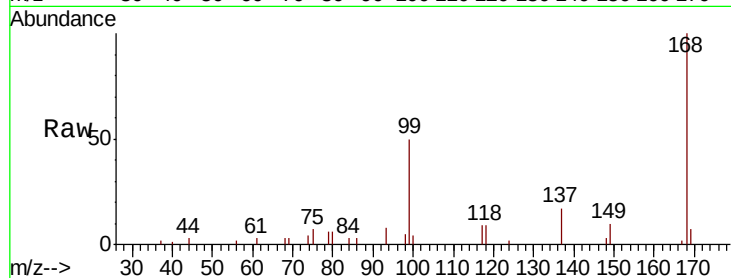




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003772.D
Acq: 01 Aug 2018 02:13

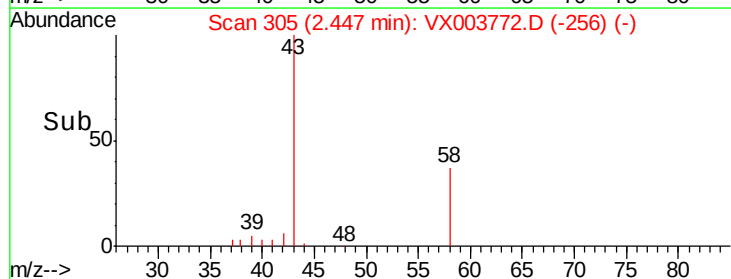
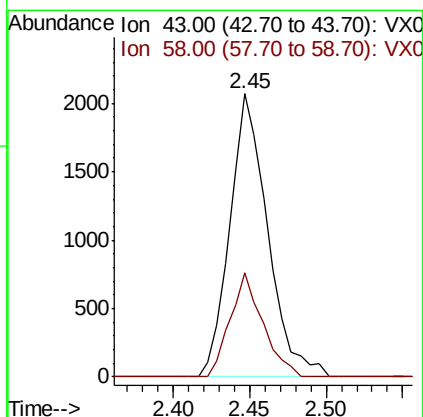
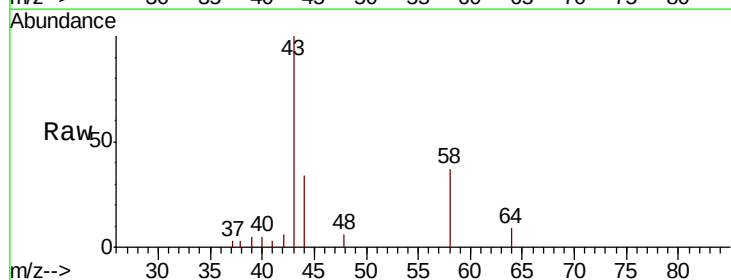
Instrument :
MSVOA_X
ClientSampleId :
DUP-072318

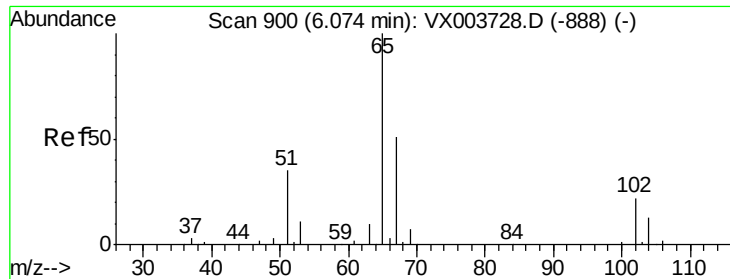
Tot Ion:168 Resp: 11774
Ion Ratio Lower Upper
168 100
99 49.7 40.2 60.2



#16
Acetone
Concen: 78.09 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003772.D
Acq: 01 Aug 2018 02:13

Tgt Ion: 43 Resp: 3552
Ion Ratio Lower Upper
43 100
58 36.6 26.7 40.1

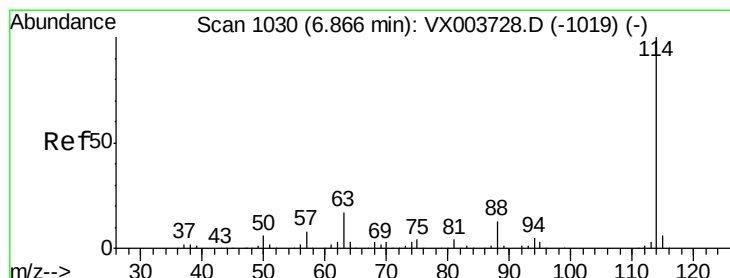
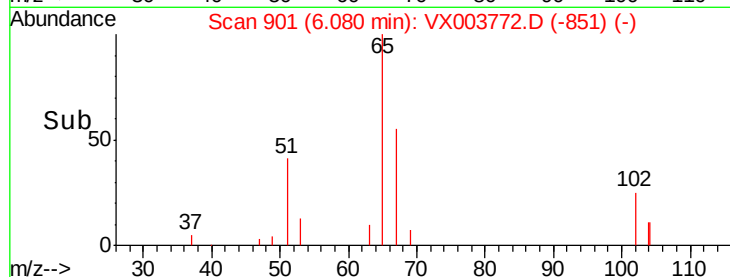
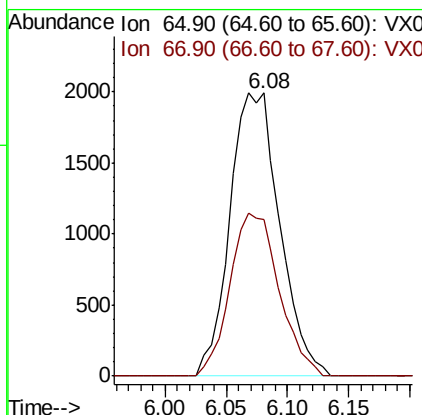
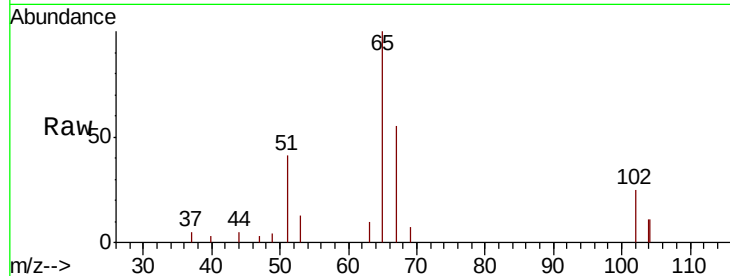




#33
 1,2-Dichloroethane-d4
 Concen: 47.40 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003772.D
 Acq: 01 Aug 2018 02:13

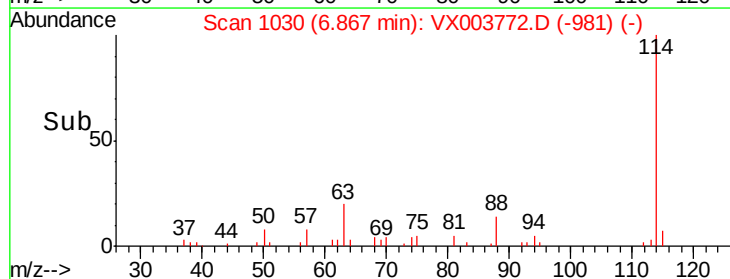
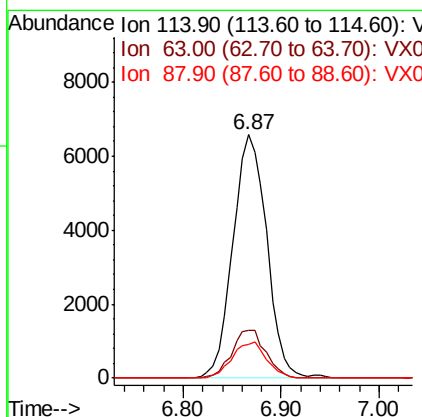
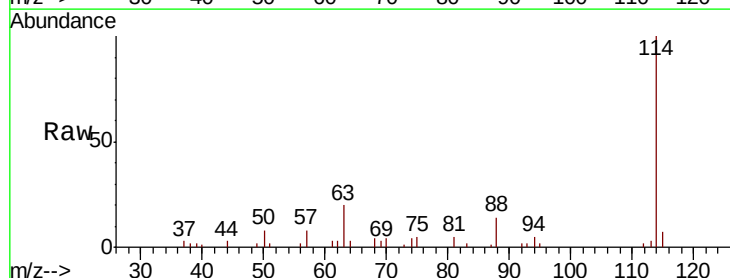
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-072318

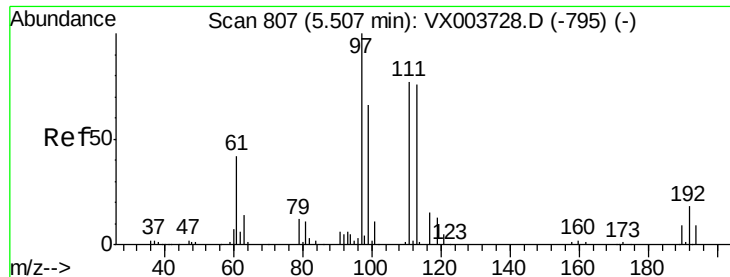
Tot Ion: 65 Resp: 5644
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003772.D
 Acq: 01 Aug 2018 02:13

Tgt Ion: 114 Resp: 15830
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 34.0
 88 13.6 0.0 26.4

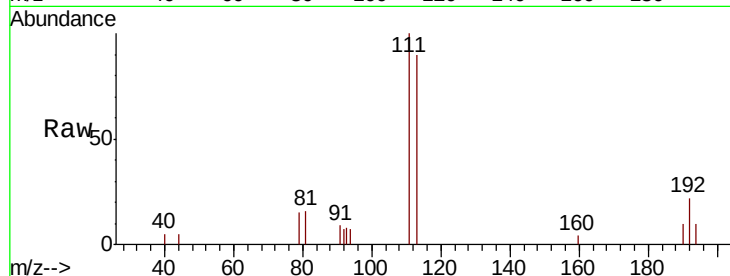




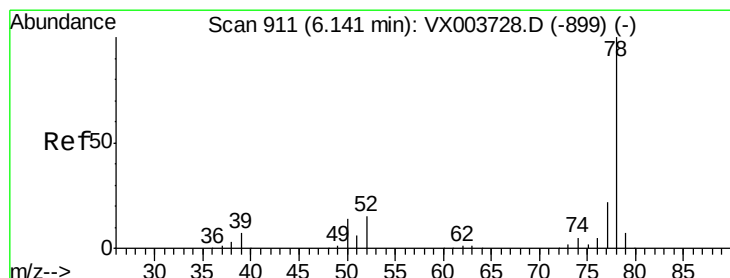
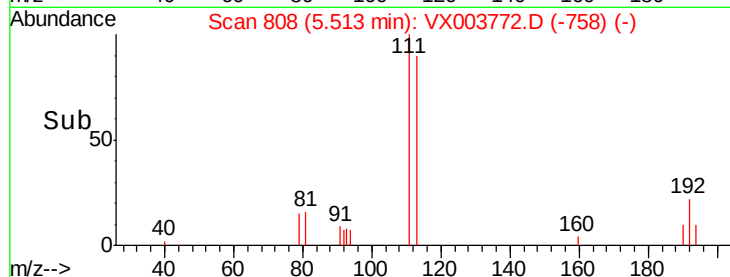
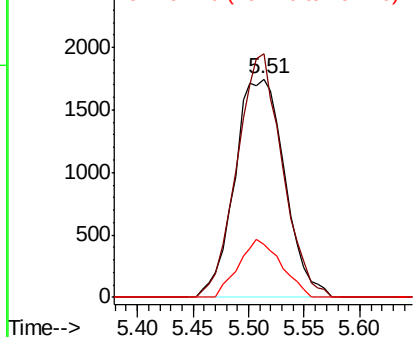
#35
 Dibromofluoromethane
 Concen: 58.58 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003772.D
 Acq: 01 Aug 2018 02:13

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-072318

Tot Ion:113 Resp: 5460
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.8 122.6
 192 22.5 18.8 28.2

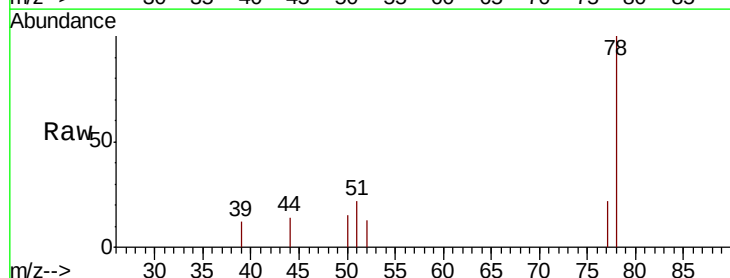


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

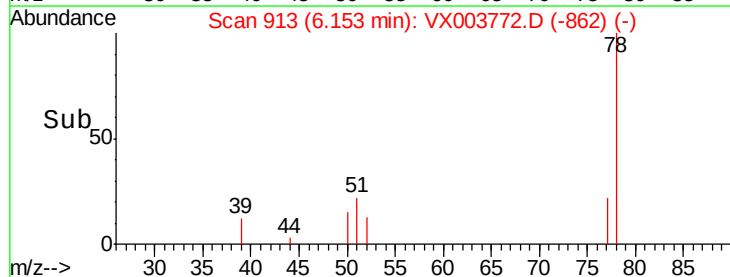
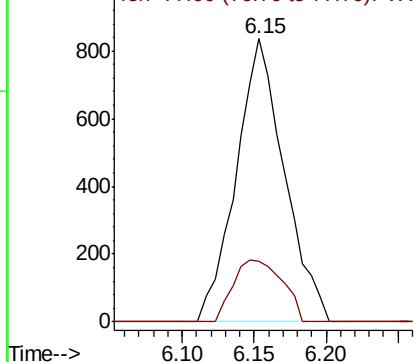


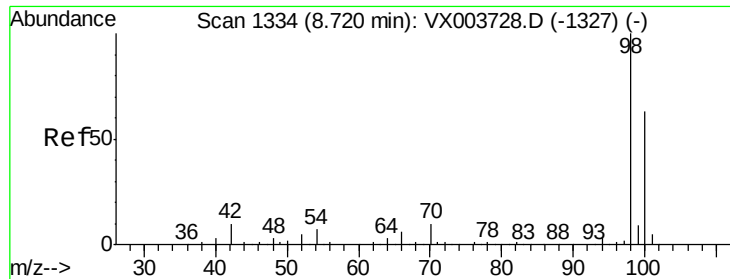
#40
 Benzene
 Concen: 4.57 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VX003772.D
 Acq: 01 Aug 2018 02:13

Tgt Ion: 78 Resp: 1943
 Ion Ratio Lower Upper
 78 100
 77 21.7 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 50.43 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003772.D

Acq: 01 Aug 2018 02:13

Instrument :

MSVOA_X

ClientSampleId :

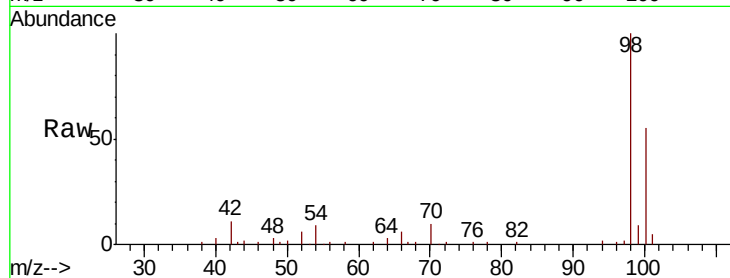
DUP-072318

Tot Ion: 98 Resp: 19598

Ion Ratio Lower Upper

98 100

100 60.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

15000

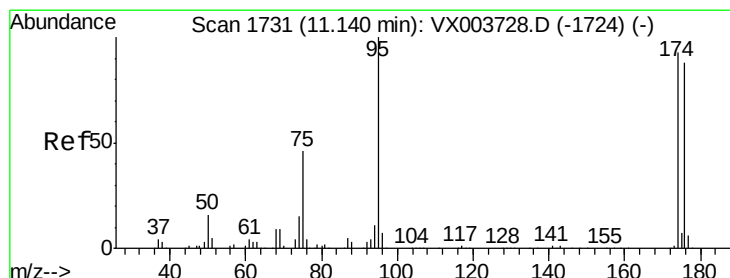
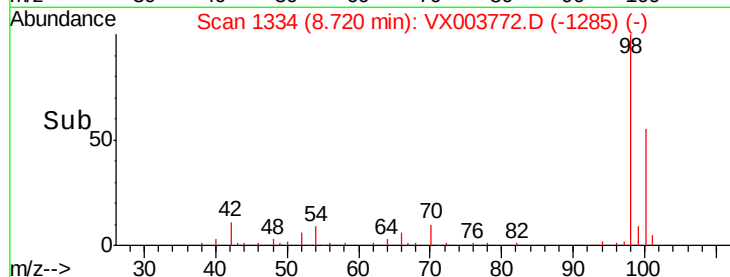
10000

5000

0

Time-->

8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 37.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003772.D

Acq: 01 Aug 2018 02:13

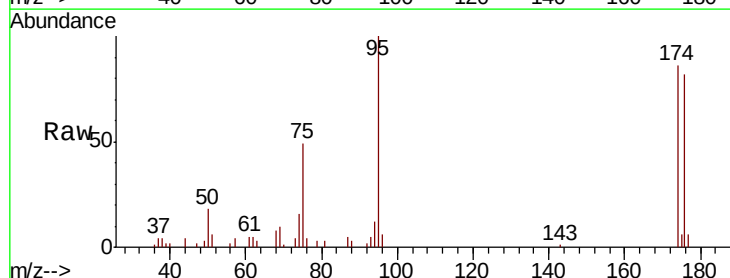
Tgt Ion: 95 Resp: 5416

Ion Ratio Lower Upper

95 100

174 91.2 0.0 186.2

176 87.6 0.0 179.2



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

6000

5000

4000

3000

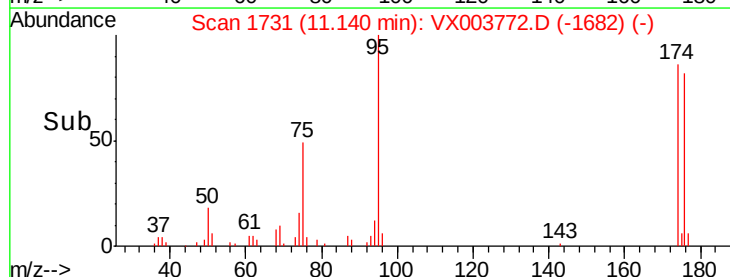
2000

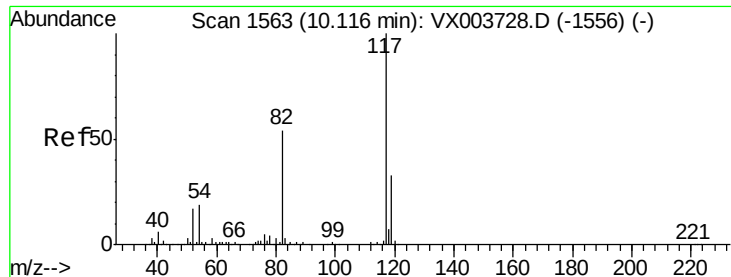
1000

0

Time-->

11.10 11.15 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003772.D

Acq: 01 Aug 2018 02:13

Instrument :

MSVOA_X

ClientSampled :

DUP-072318

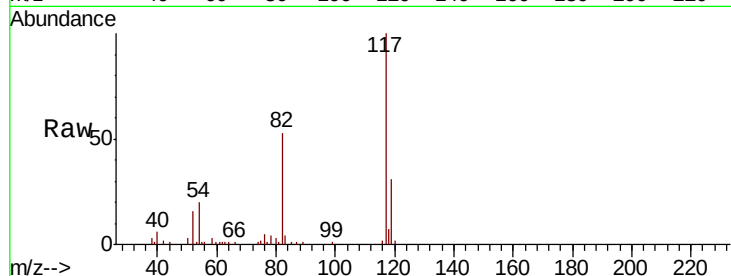
Tot Ion:117 Resp: 13968

Ion Ratio Lower Upper

117 100

82 53.4 43.2 64.8

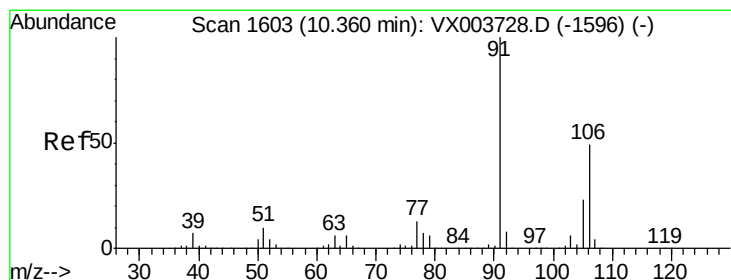
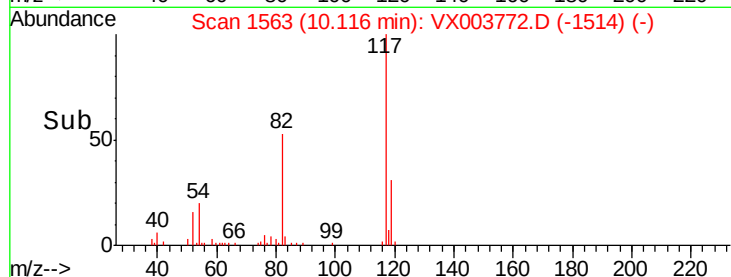
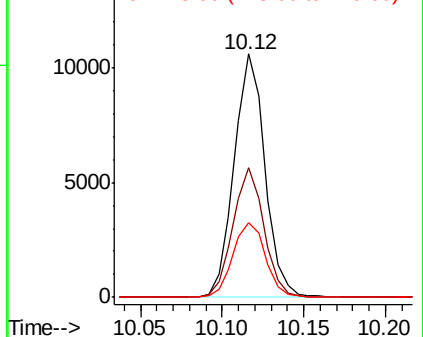
119 30.9 26.3 39.5



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



#68

m/p-Xylenes

Concen: 5.98 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003772.D

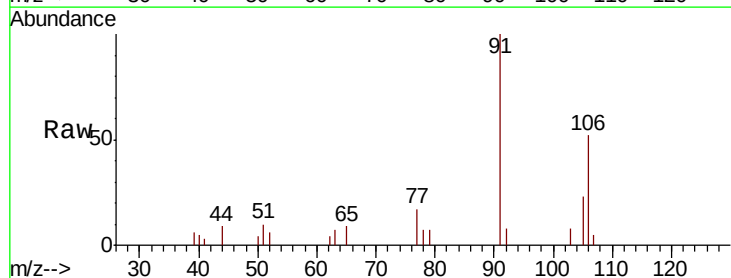
Acq: 01 Aug 2018 02:13

Tgt Ion:106 Resp: 1153

Ion Ratio Lower Upper

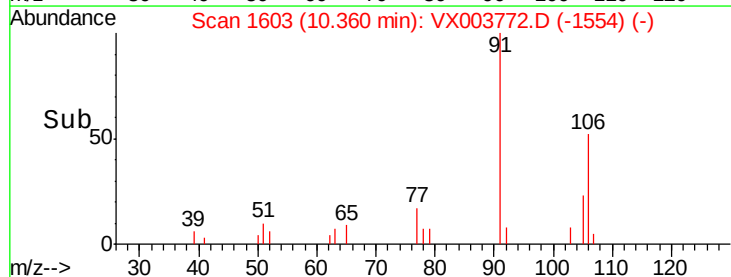
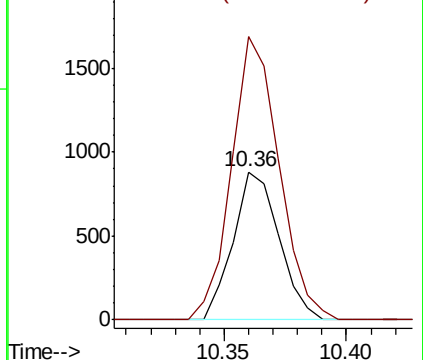
106 100

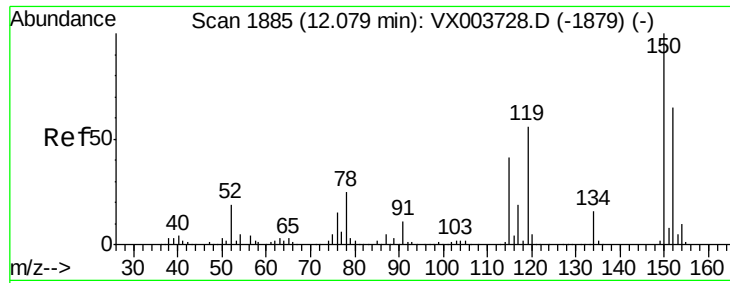
91 198.3 159.8 239.8



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003772.D

Acq: 01 Aug 2018 02:13

Instrument :

MSVOA_X

ClientSampleId :

DUP-072318

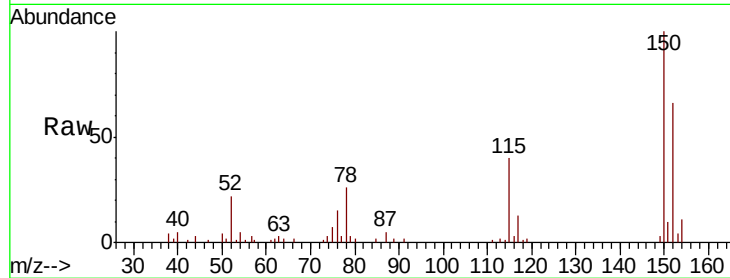
Tot Ion:152 Resp: 4667

Ion Ratio Lower Upper

152 100

115 57.3 38.5 115.3

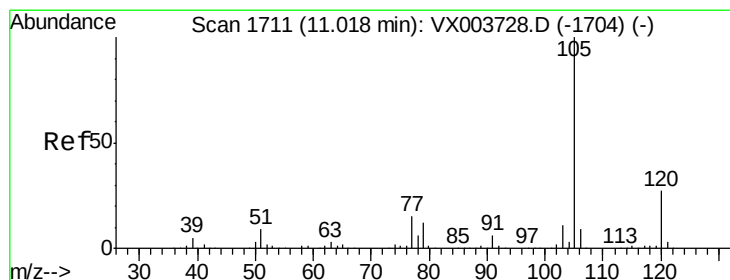
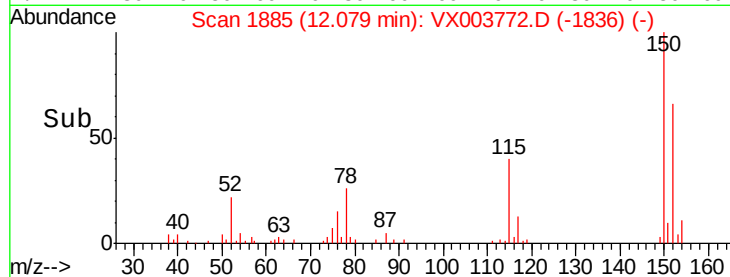
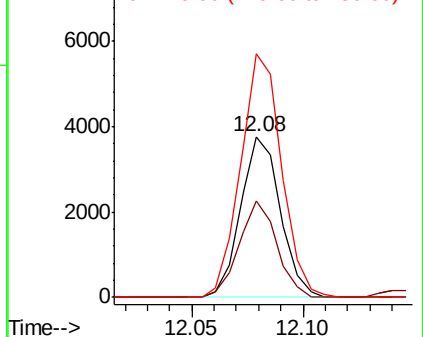
150 156.4 0.0 346.2



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



#73

Isopropylbenzene

Concen: 13.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003772.D

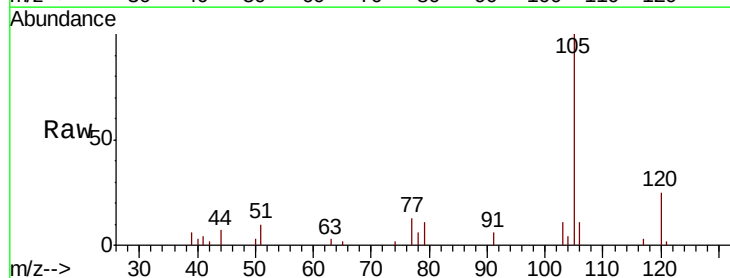
Acq: 01 Aug 2018 02:13

Tgt Ion:105 Resp: 4023

Ion Ratio Lower Upper

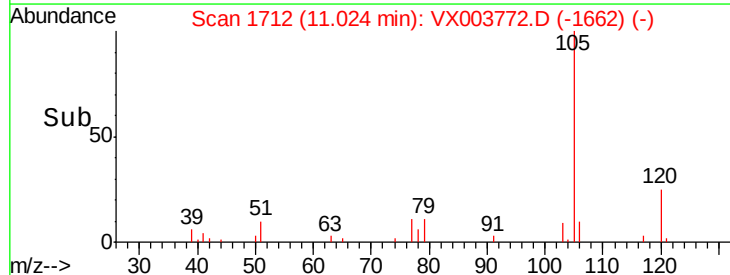
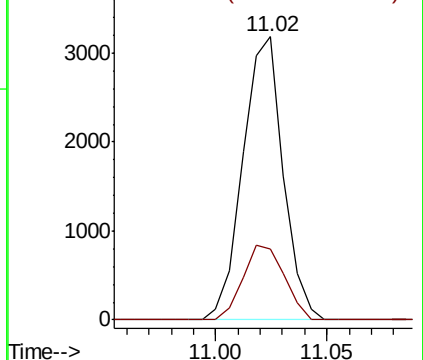
105 100

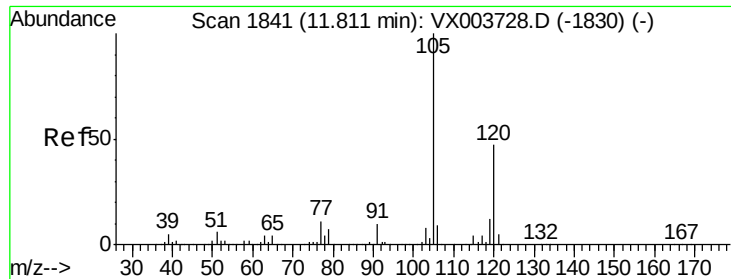
120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

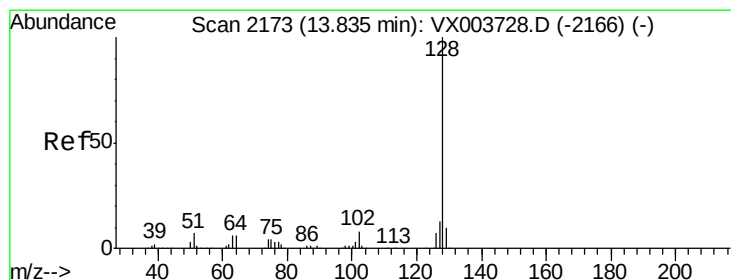
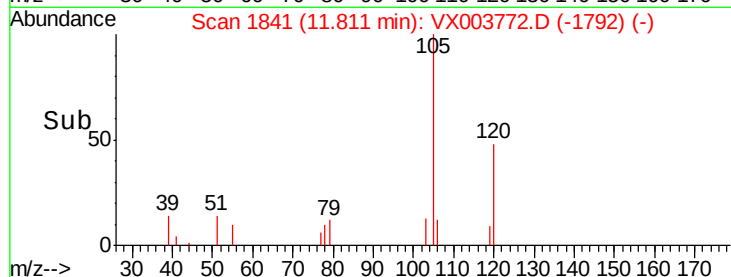
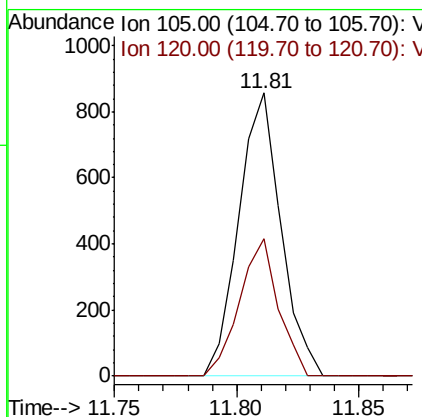
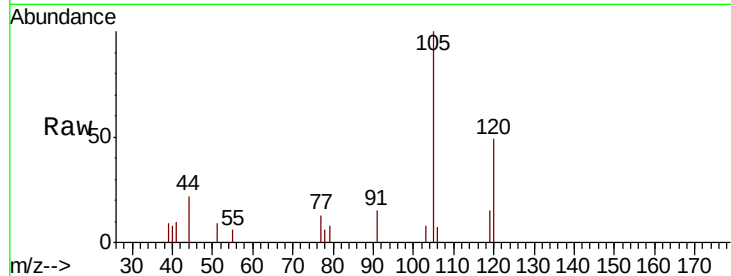




#84
 1,2,4-Trimethylbenzene
 Concen: 4.01 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003772.D
 Acq: 01 Aug 2018 02:13

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-072318

Tot Ion:105 Resp: 1030
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.1 69.2



#95
 Naphthalene
 Concen: 63.26 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003772.D
 Acq: 01 Aug 2018 02:13

Tgt Ion:128 Resp: 15387
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.2
 129 11.4 8.7 13.1

