

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002587.D
 Acq On : 15 Jun 2018 07:48
 Operator : JC/MD
 Sample : J3241-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-061318-C

Quant Time: Jun 15 08:22:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

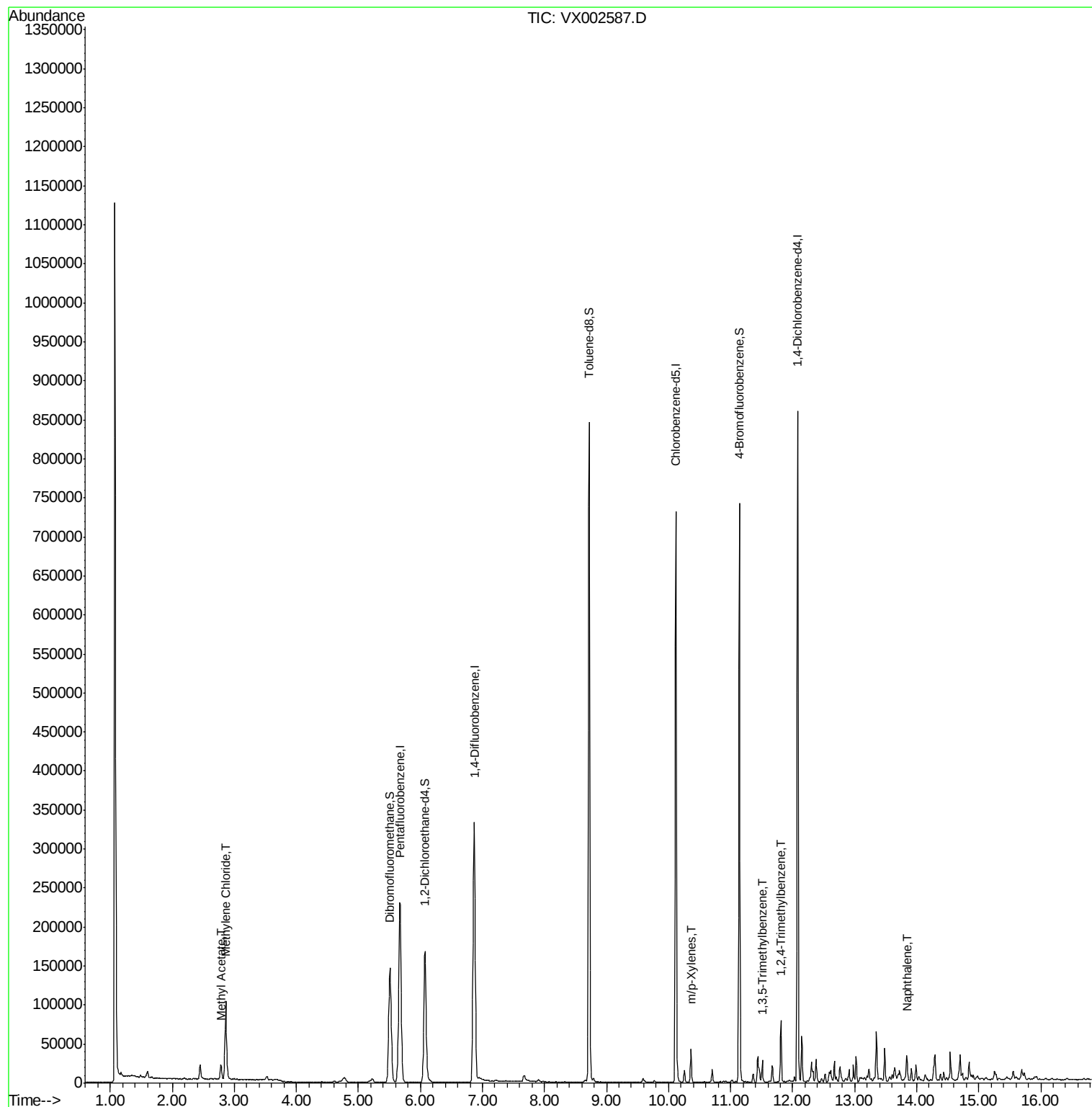
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159811	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	118648	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
50) Toluene-d8	8.72	98	475905	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.14	95	172489	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
18) Methyl Acetate	2.78	43	22693	4.518	ug/l	98
20) Methylene Chloride	2.86	84	44786	15.531	ug/l	98
68) m/p-Xylenes	10.36	106	8926	1.774	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	11692	1.098	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	31279	2.854	ug/l	97
95) Naphthalene	13.84	128	20822	1.603	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002587.D
Acq On : 15 Jun 2018 07:48
Operator : JC/MD
Sample : J3241-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-061318-C

Quant Time: Jun 15 08:22:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

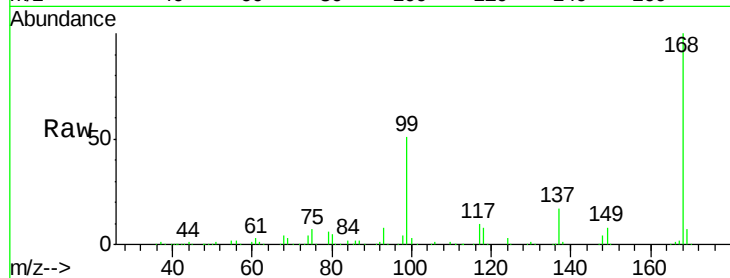
HR-05-061318-C

Tot Ion:168 Resp: 227174

Ion Ratio Lower Upper

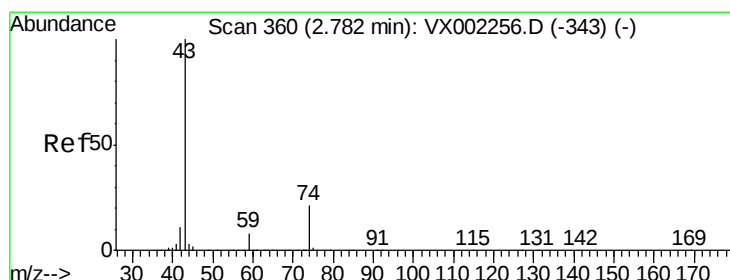
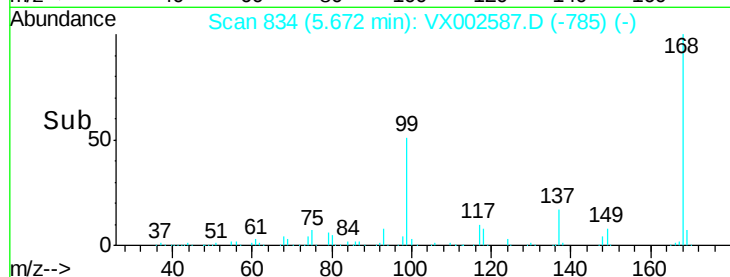
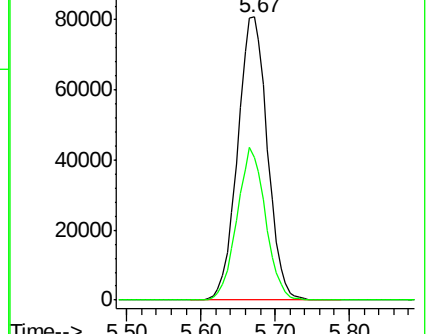
168 100

99 50.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 4.518 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002587.D

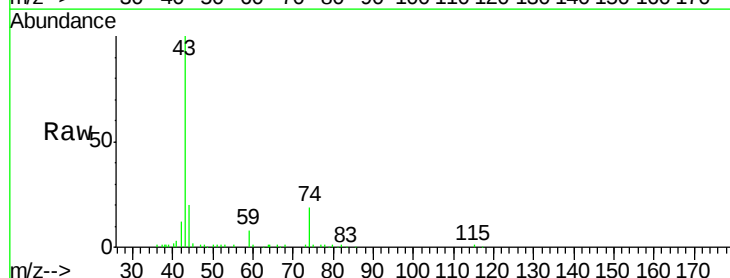
Acq: 15 Jun 2018 07:48

Tgt Ion: 43 Resp: 22693

Ion Ratio Lower Upper

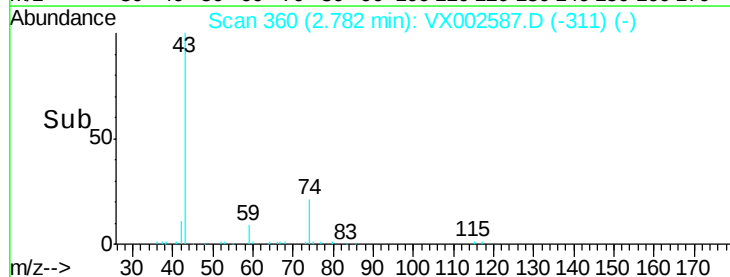
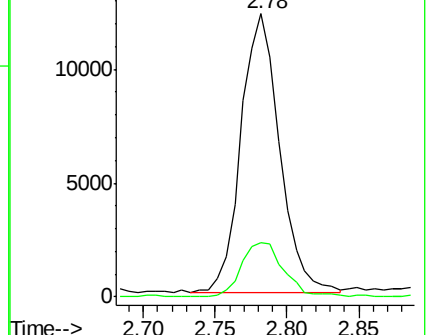
43 100

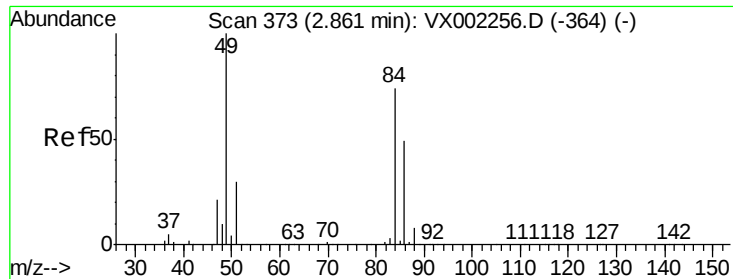
74 21.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

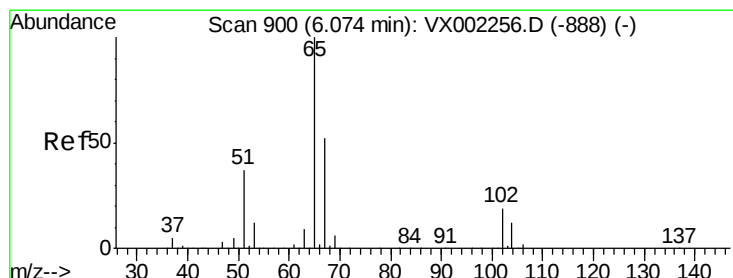
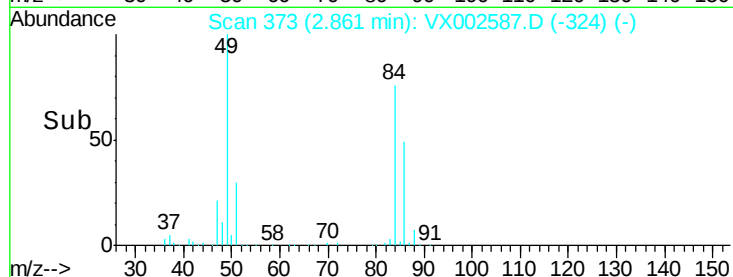
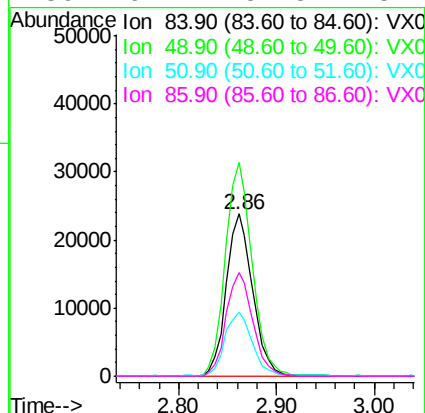
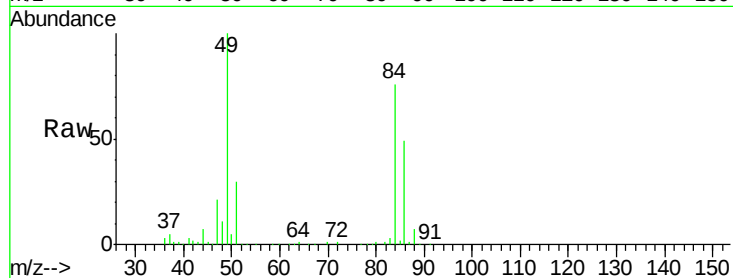




#20
Methvlene Chloride
Concen: 15.531 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

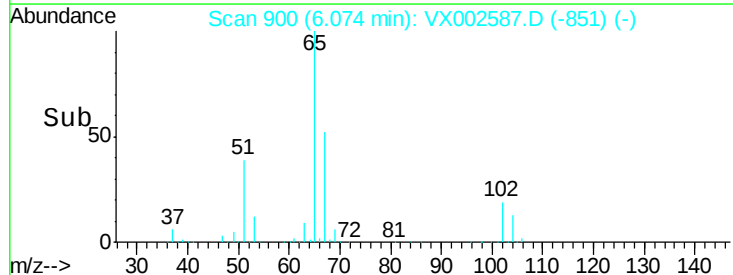
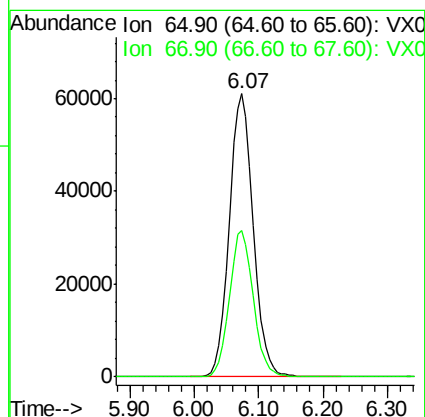
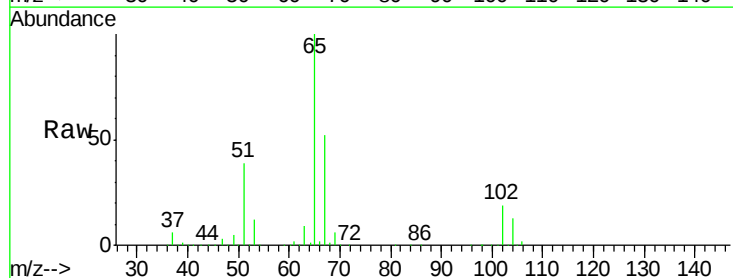
Instrument :
MSVOA_X
ClientSampleId :
HR-05-061318-C

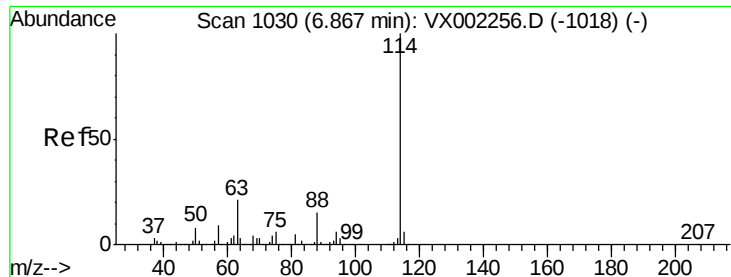
Tot Ion: 84 Resp: 44786
Ion Ratio Lower Upper
84 100
49 131.7 107.8 161.6
51 39.3 32.8 49.2
86 64.2 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.134 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion: 65 Resp: 159811
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

HR-05-061318-C

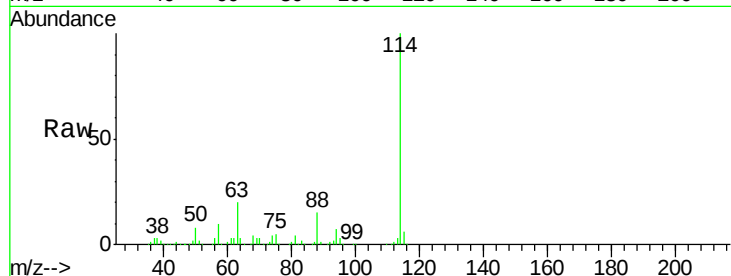
Tot Ion:114 Resp: 333456

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

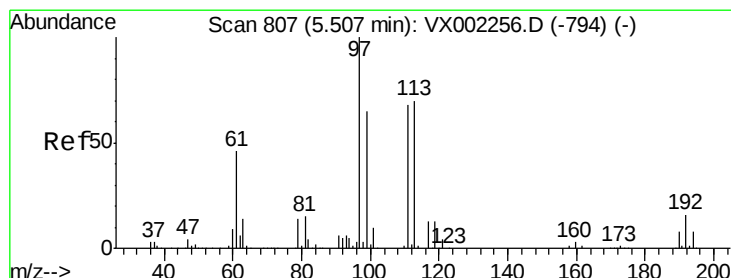
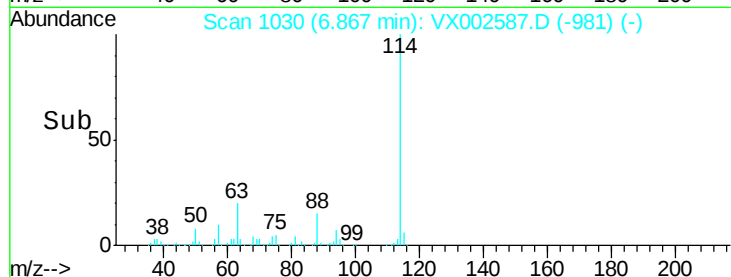
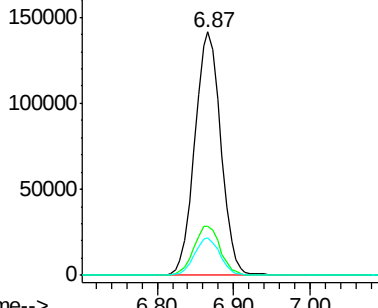
88 15.2 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 45.245 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

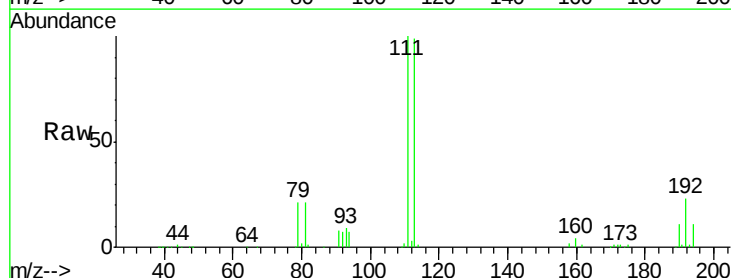
Tgt Ion:113 Resp: 118648

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

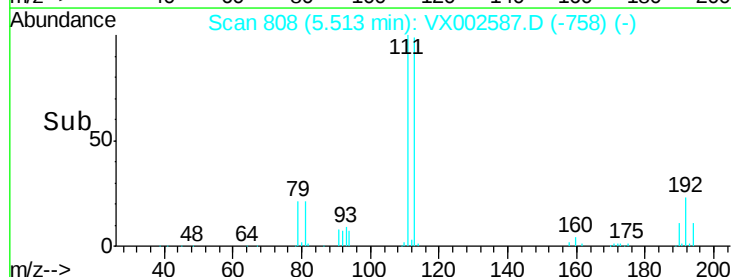
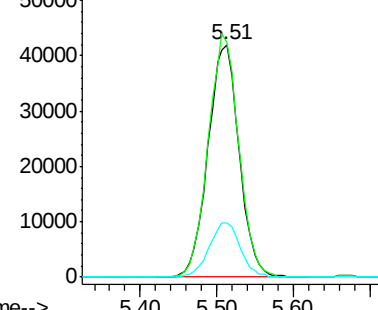
192 23.5 19.1 28.7

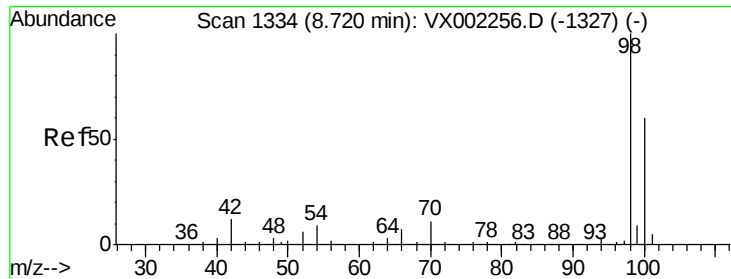


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

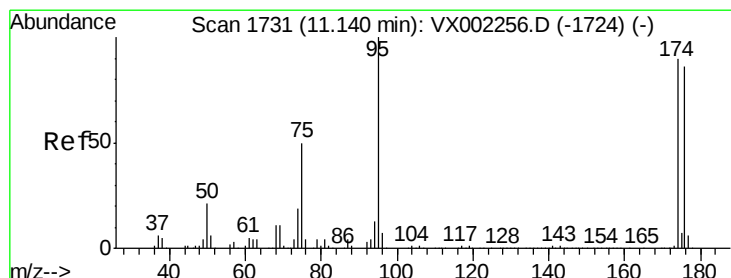
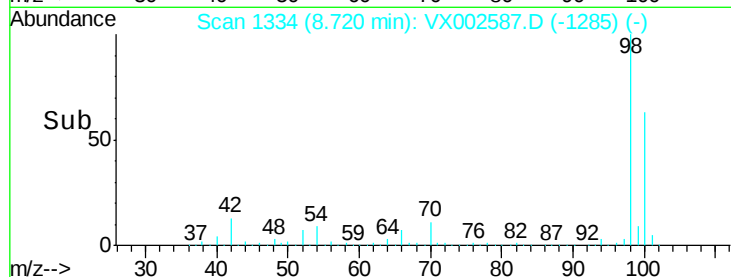
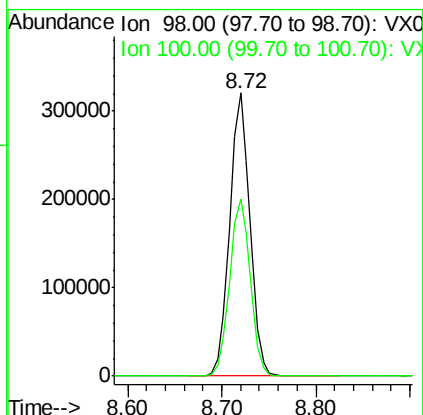
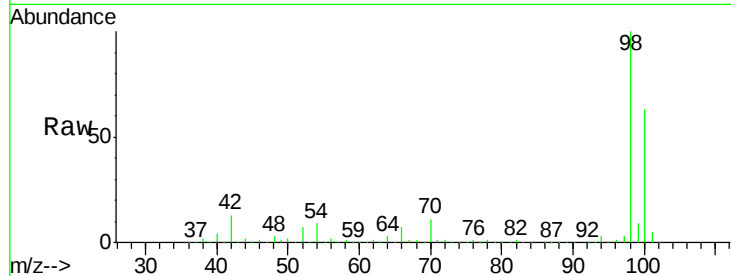




#50
Toluene-d8
Concen: 47.348 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

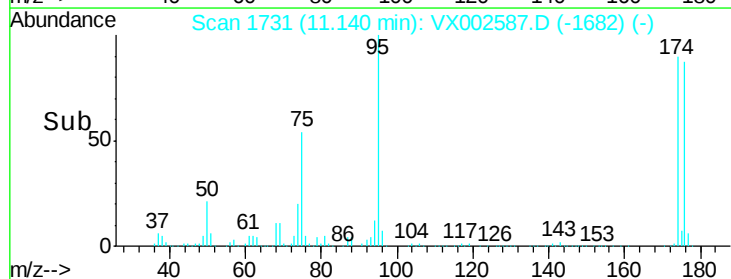
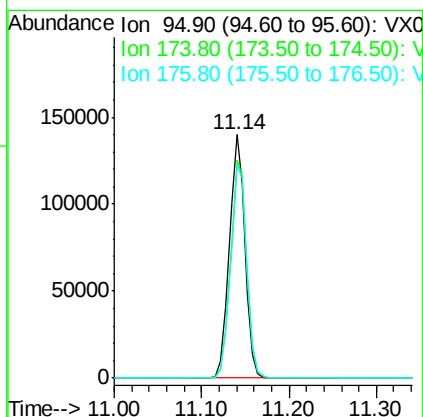
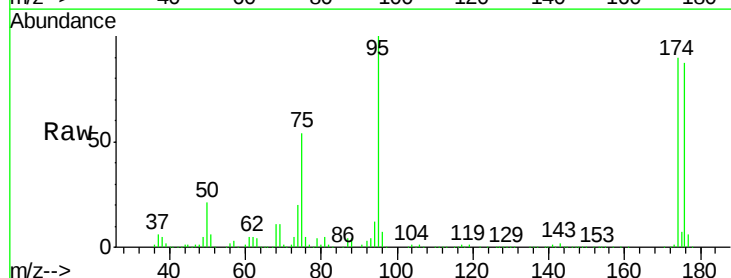
Instrument :
MSVOA_X
ClientSampleId :
HR-05-061318-C

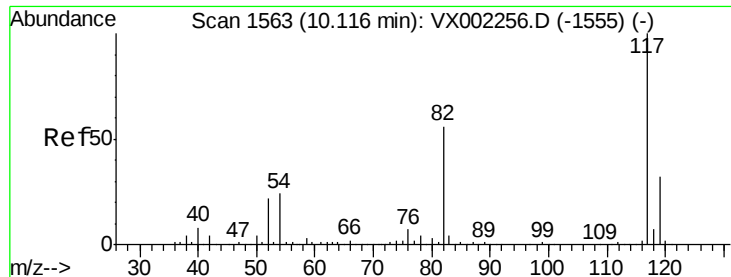
Tot Ion: 98 Resp: 475905
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.503 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion: 95 Resp: 172489
Ion Ratio Lower Upper
95 100
174 93.2 0.0 187.4
176 90.5 0.0 181.0

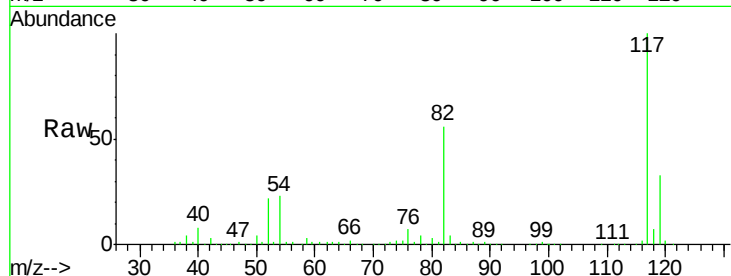




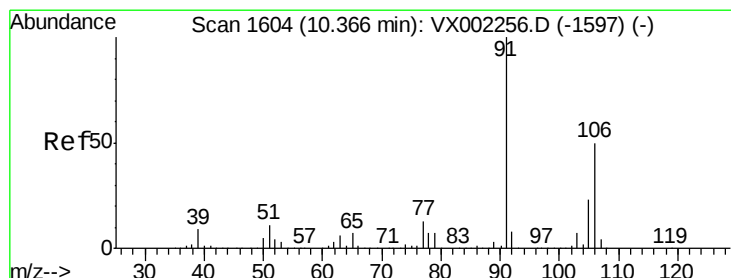
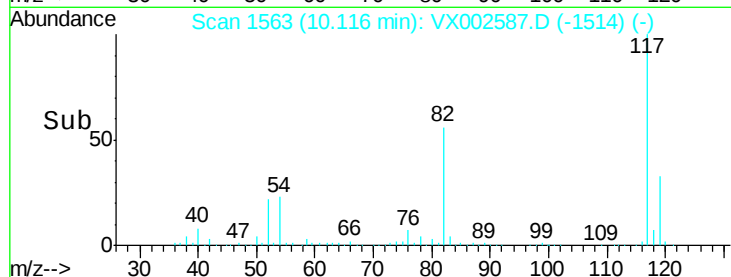
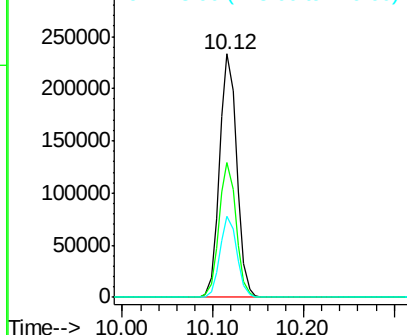
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-061318-C

Tot Ion:117 Resp: 310773
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 33.1 25.8 38.6

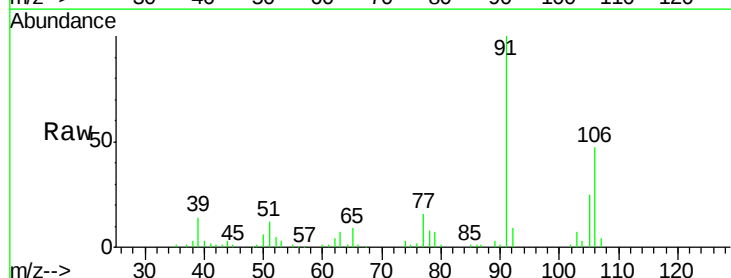


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

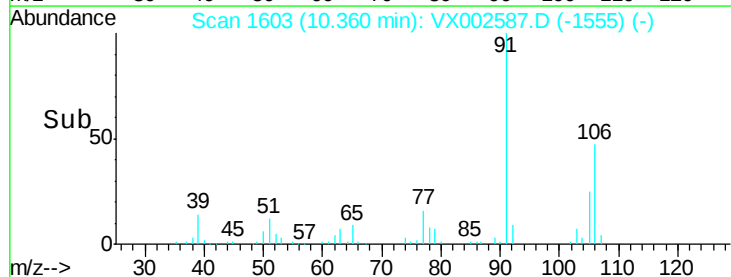
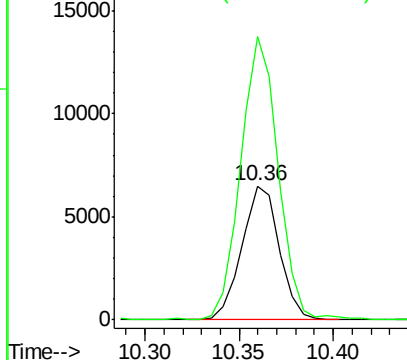


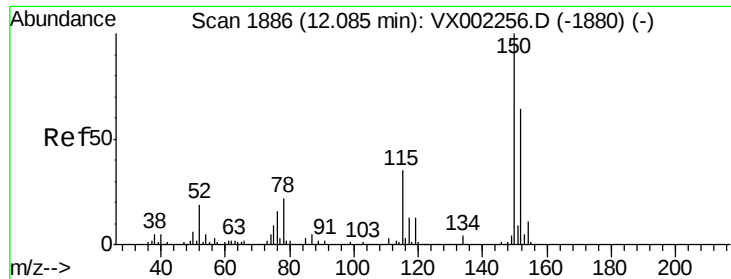
#68
m/p-Xylenes
Concen: 1.774 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002587.D
Acq: 15 Jun 2018 07:48

Tgt Ion:106 Resp: 8926
Ion Ratio Lower Upper
106 100
91 211.5 163.4 245.2



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

HR-05-061318-C

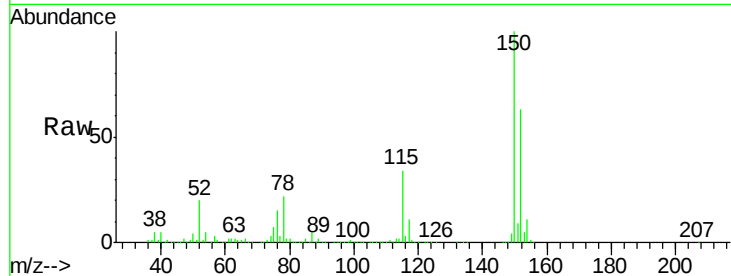
Tot Ion:152 Resp: 178437

Ion Ratio Lower Upper

152 100

115 55.8 40.1 120.2

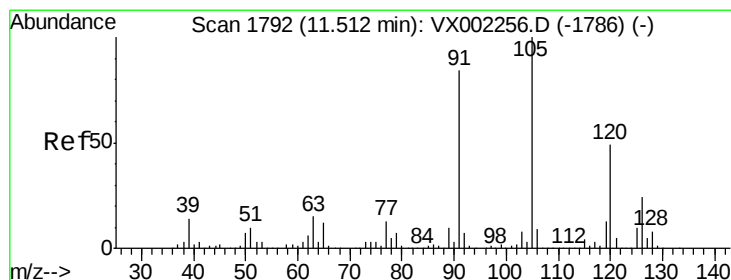
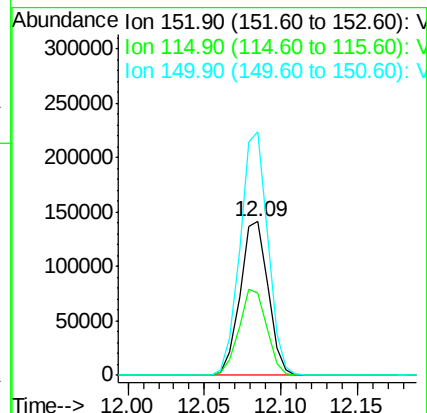
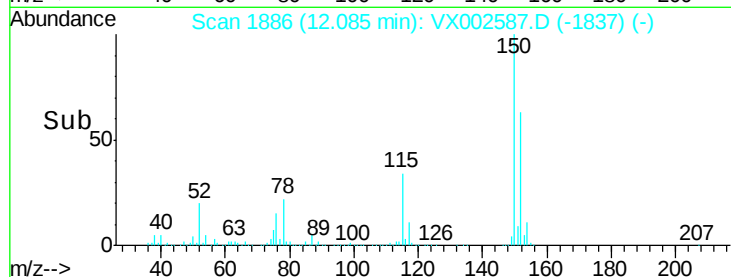
150 157.4 0.0 347.2



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: 1.098 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002587.D

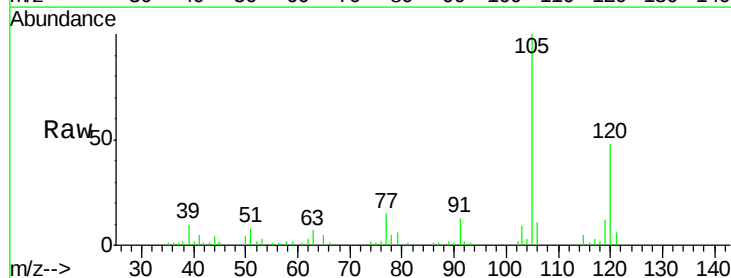
Acq: 15 Jun 2018 07:48

Tgt Ion:105 Resp: 11692

Ion Ratio Lower Upper

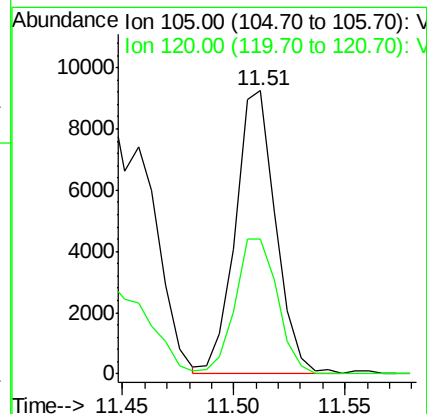
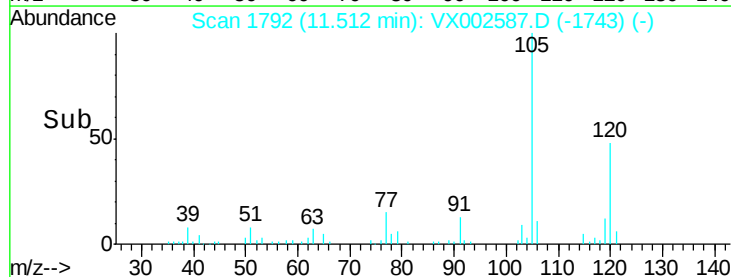
105 100

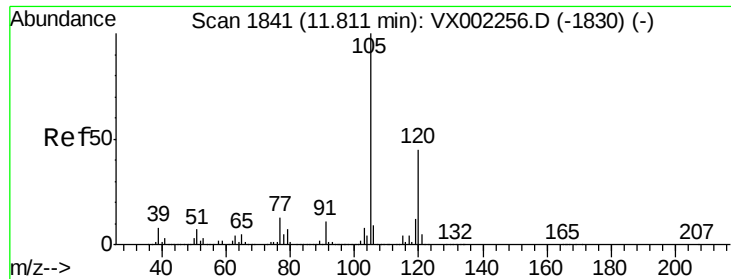
120 49.9 24.4 73.4



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: 2.854 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

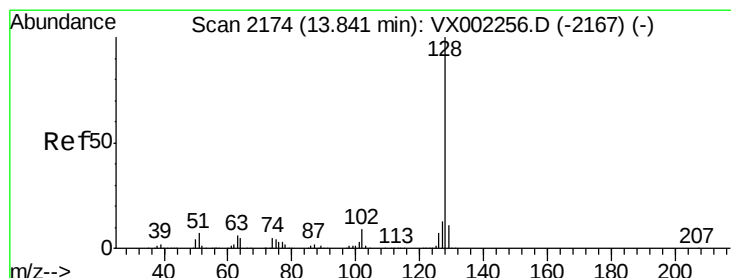
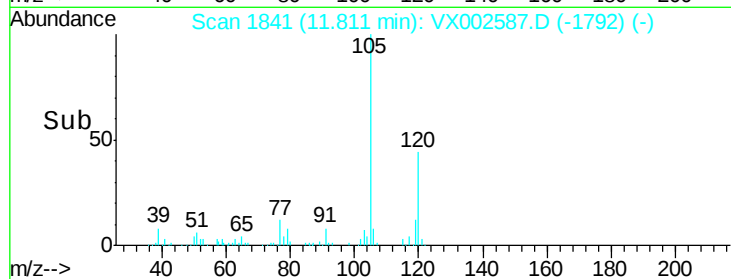
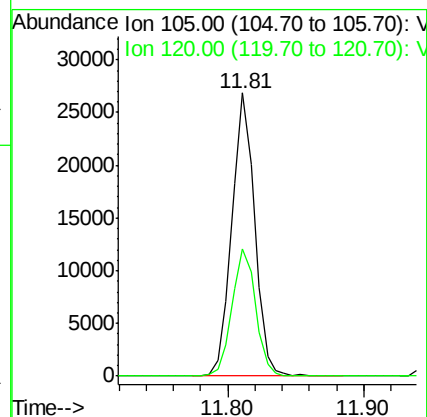
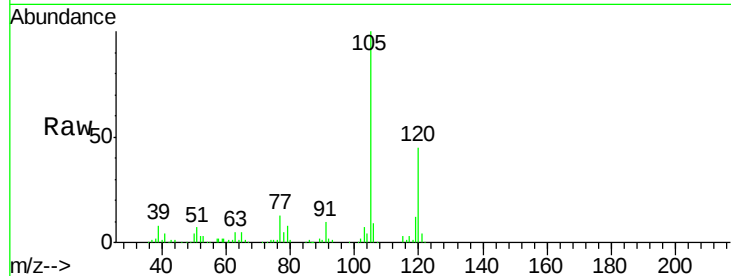
HR-05-061318-C

Tot Ion:105 Resp: 31279

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.8



#95

Naphthalene

Concen: 1.603 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002587.D

Acq: 15 Jun 2018 07:48

Tgt Ion:128 Resp: 20822

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

129 12.3 8.6 13.0

