

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015552.D
 Acq On : 07 Apr 2020 20:33
 Operator : JC/SP
 Sample : L2151-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-109

Quant Time: Apr 08 04:02:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

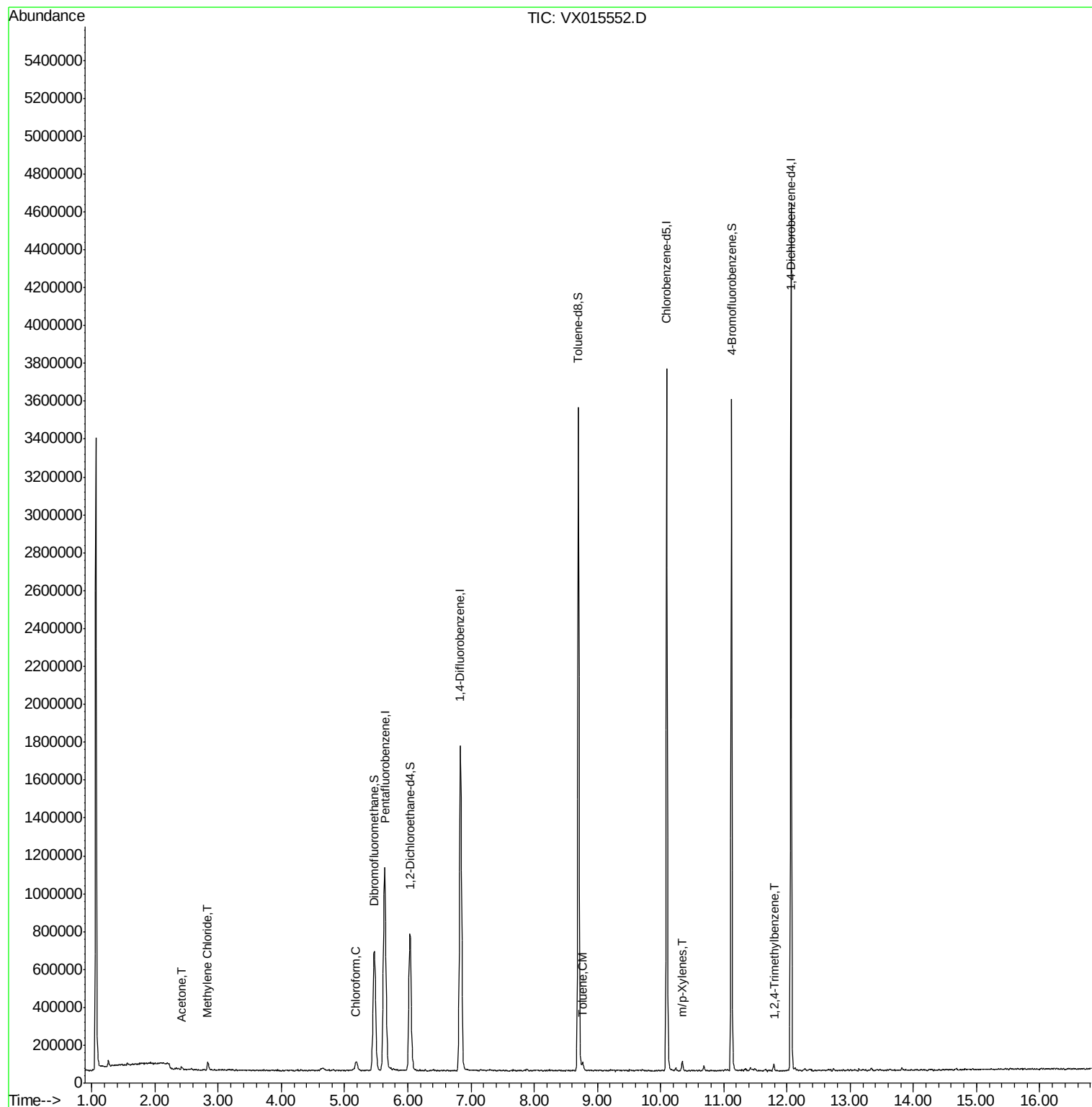
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1072865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1695808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1650500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	910097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	715149	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	5.47	113	538014	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.70	98	2042382	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.12	95	896804	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
Target Compounds						
16) Acetone	2.42	43	14240	2.190	ug/l	91
20) Methylene Chloride	2.83	84	19557	1.611	ug/l #	93
30) Chloroform	5.19	83	56022	2.637	ug/l	99
52) Toluene	8.77	92	13973	0.495	ug/l	91
68) m/p-Xylenes	10.34	106	14729	0.678	ug/l	89
84) 1,2,4-Trimethylbenzene	11.79	105	17553	0.338	ug/l	96

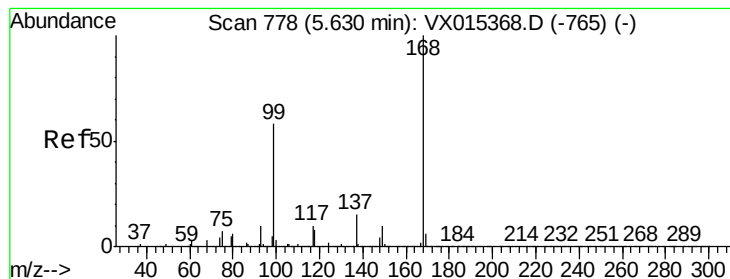
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015552.D

Acq: 07 Apr 2020 20:33

Instrument :

MSVOA_X

ClientSampled :

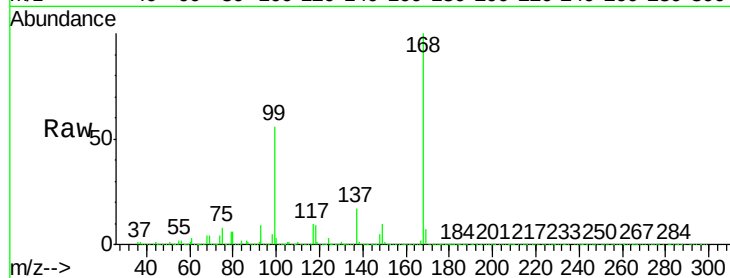
MH-109

Tot Ion:168 Resp: 1072865

Ion Ratio Lower Upper

168 100

99 56.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

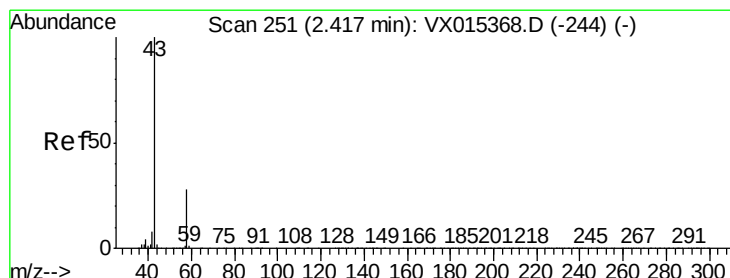
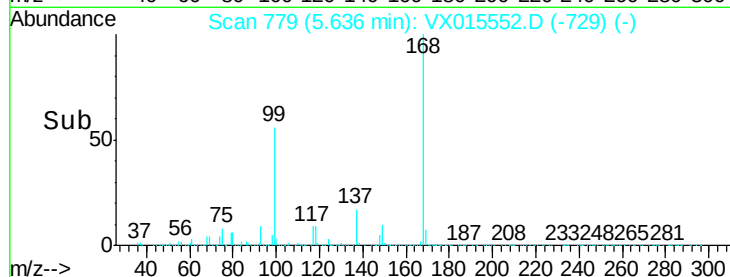
300000

200000

100000

0

Time--> 5.40 5.60 5.80



#16

Acetone

Concen: 2.190 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015552.D

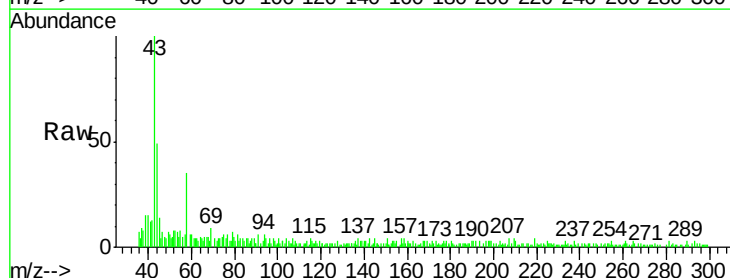
Acq: 07 Apr 2020 20:33

Tgt Ion: 43 Resp: 14240

Ion Ratio Lower Upper

43 100

58 32.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

10000

8000

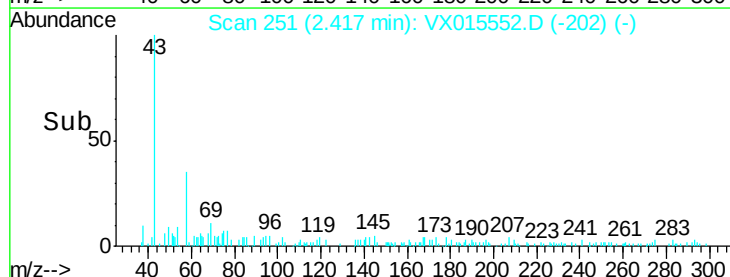
6000

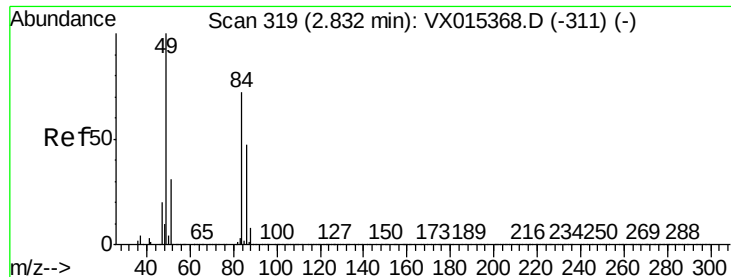
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

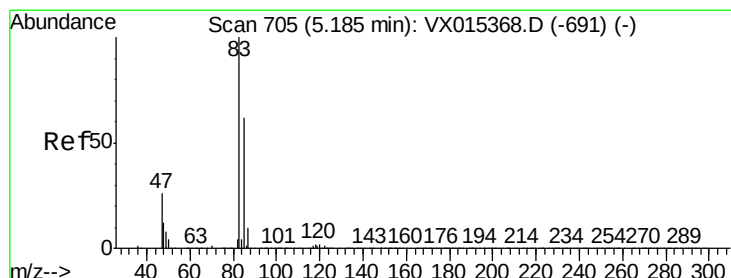
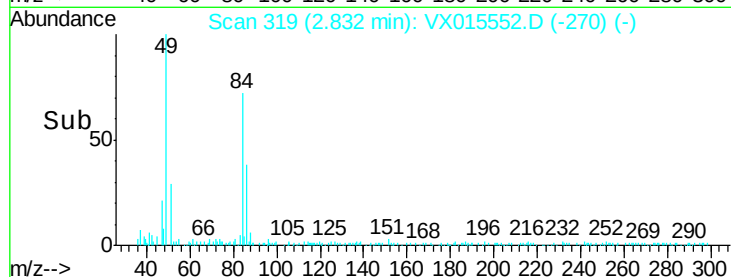
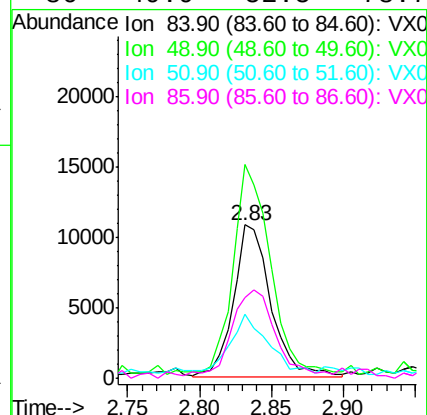
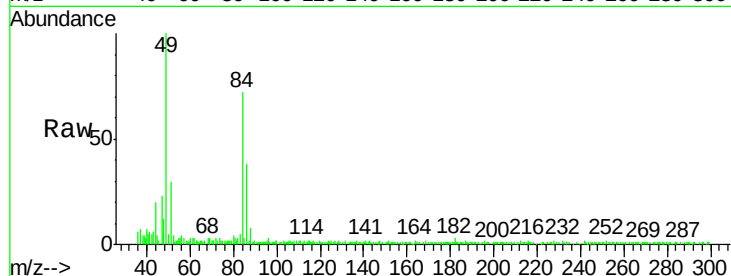




#20
Methylene Chloride
Concen: 1.611 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015552.D
Acq: 07 Apr 2020 20:33

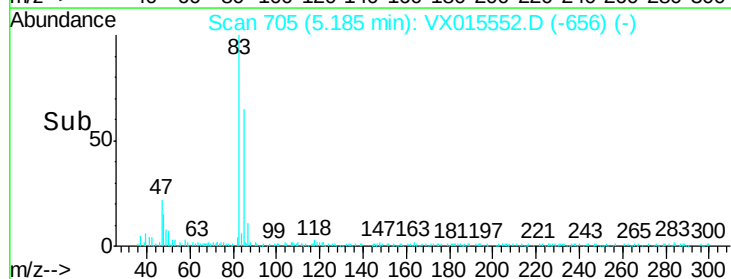
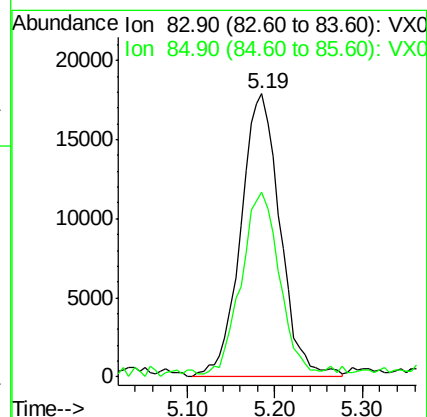
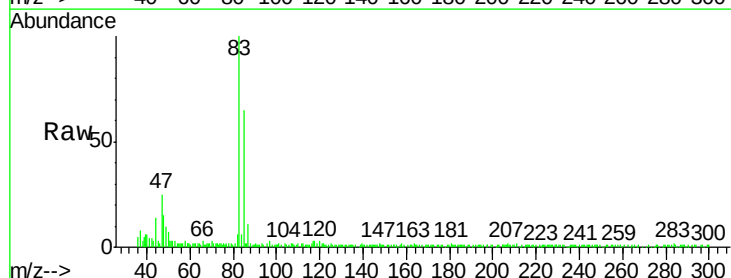
Instrument :
MSVOA_X
ClientSampled :
MH-109

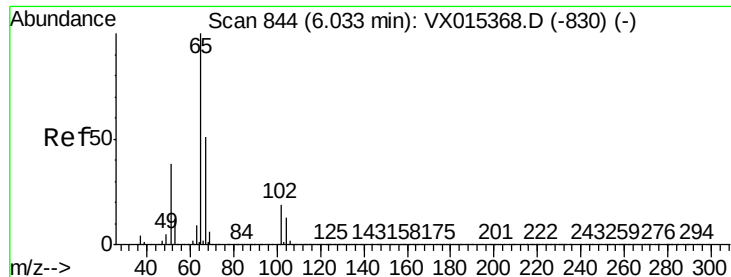
Tot Ion:	84	Resp:	19557
Ion	Ratio	Lower	Upper
84	100		
49	137.5	111.3	166.9
51	37.7	34.0	51.0
86	49.9	52.5	78.7#



#30
Chloroform
Concen: 2.637 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015552.D
Acq: 07 Apr 2020 20:33

Tgt Ion:	83	Resp:	56022
Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.5	74.3

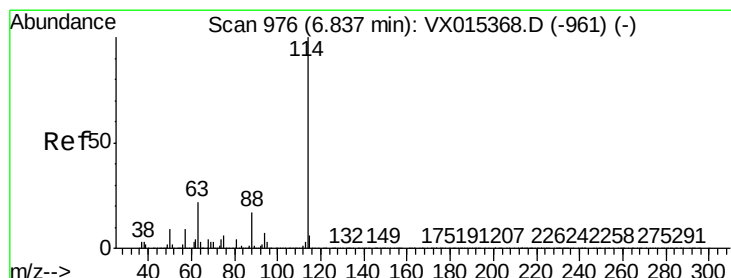
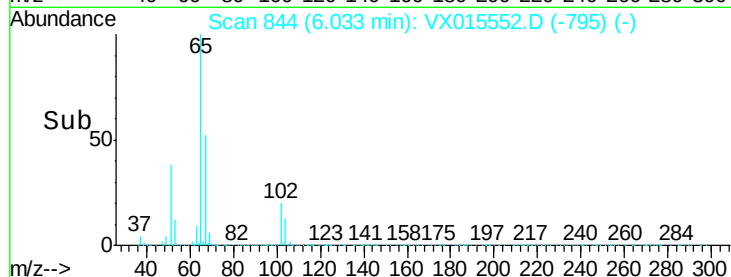
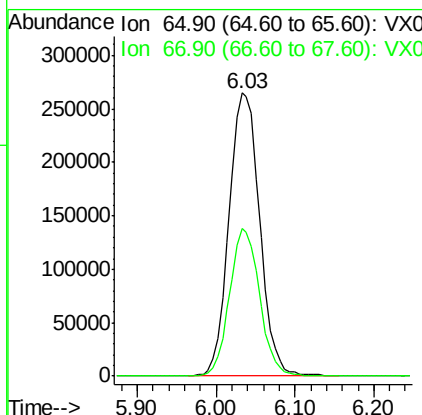
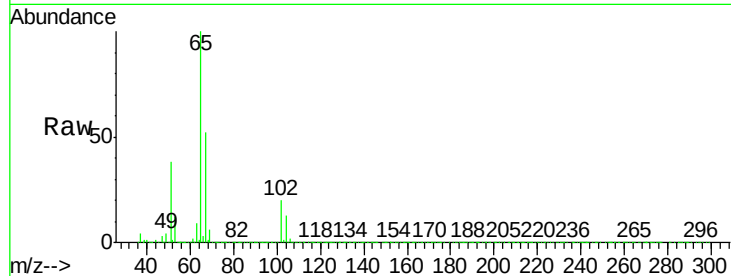




#33
 1,2-Dichloroethane-d4
 Concen: 47.262 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015552.D
 Acq: 07 Apr 2020 20:33

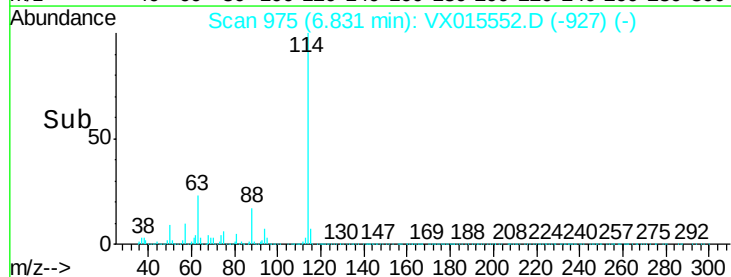
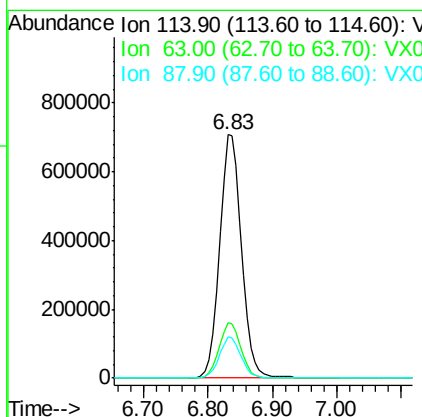
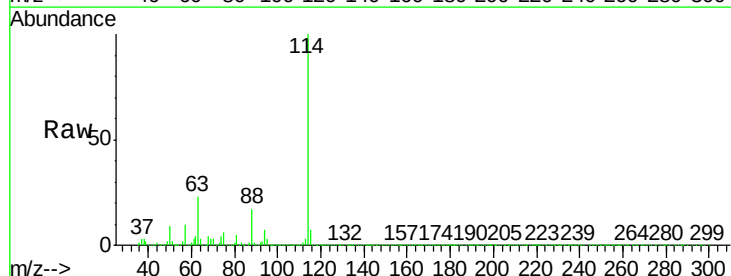
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-109

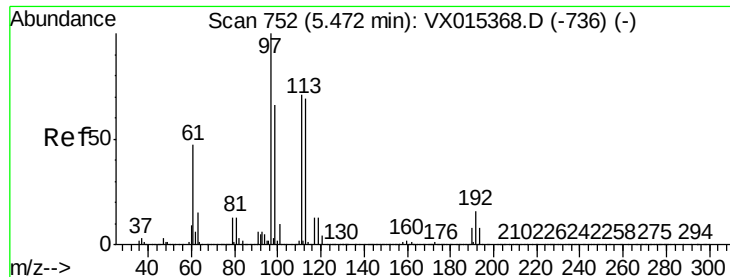
Tot Ion: 65 Resp: 715149
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015552.D
 Acq: 07 Apr 2020 20:33

Tgt Ion: 114 Resp: 1695808
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.2
 88 17.0 0.0 33.8

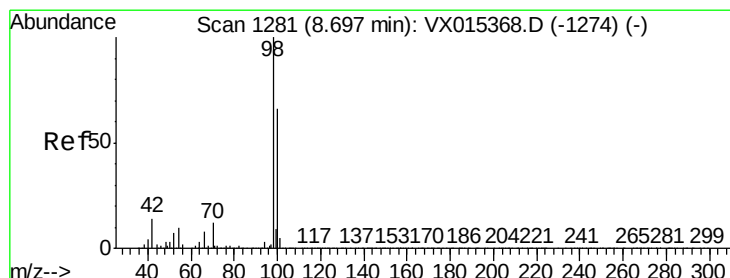
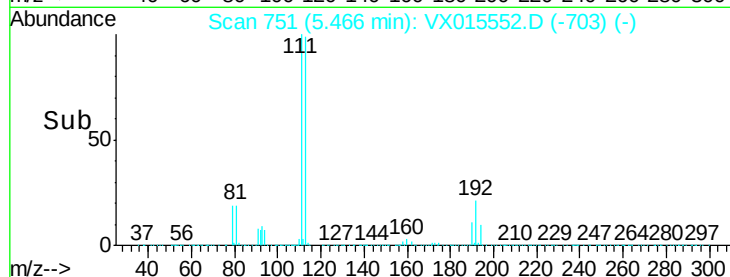
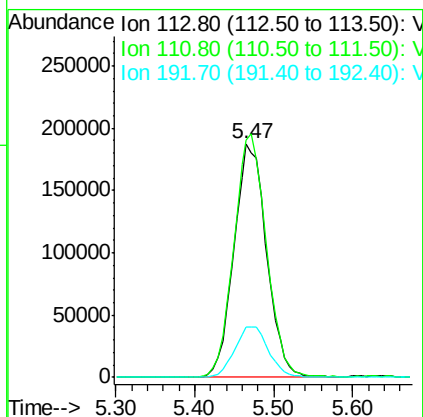
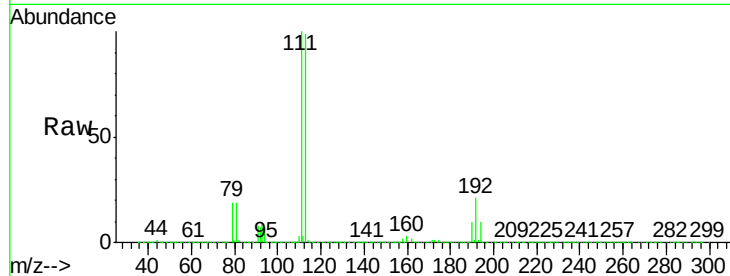




#35
Dibromofluoromethane
Concen: 49.632 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015552.D
Acq: 07 Apr 2020 20:33

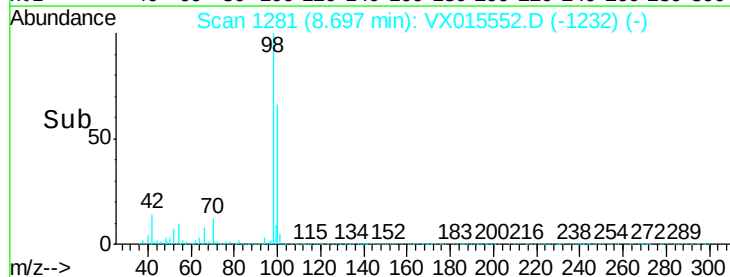
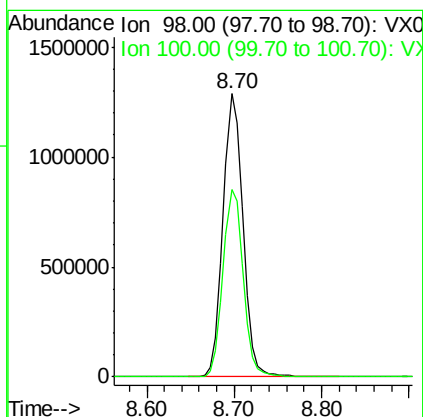
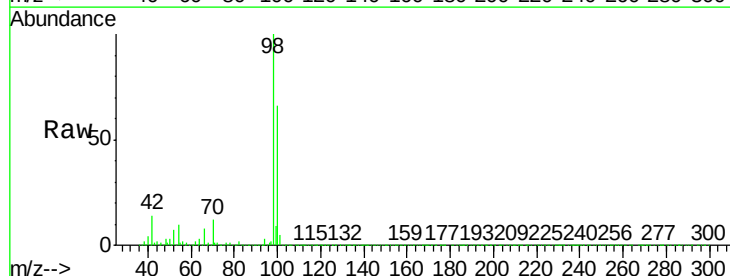
Instrument :
MSVOA_X
ClientSampled :
MH-109

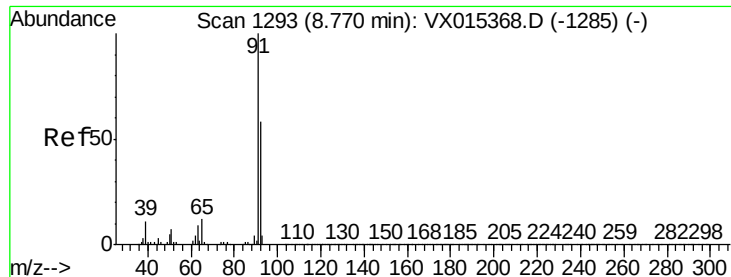
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	22.6	17.8	26.6



#50
Toluene-d8
Concen: 51.174 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015552.D
Acq: 07 Apr 2020 20:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3





#52

Toluene

Concen: 0.495 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015552.D

Acq: 07 Apr 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

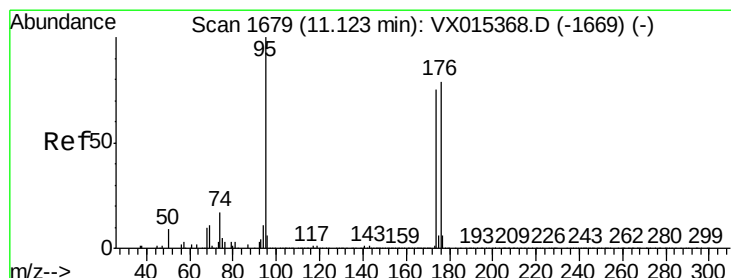
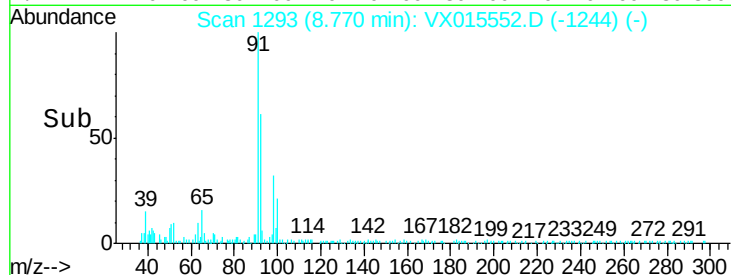
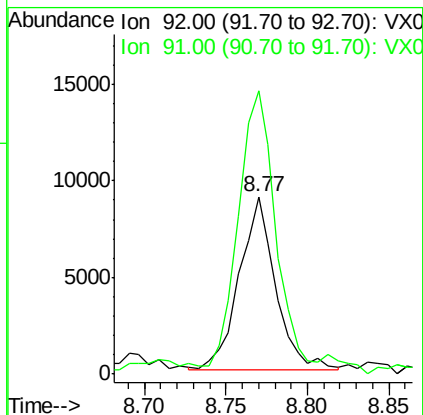
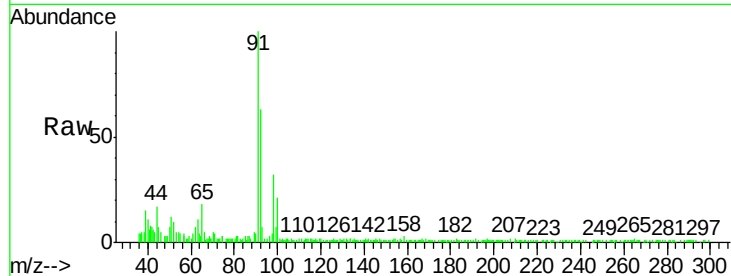
MH-109

Tot Ion: 92 Resp: 13973

Ion Ratio Lower Upper

92 100

91 158.2 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 55.291 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015552.D

Acq: 07 Apr 2020 20:33

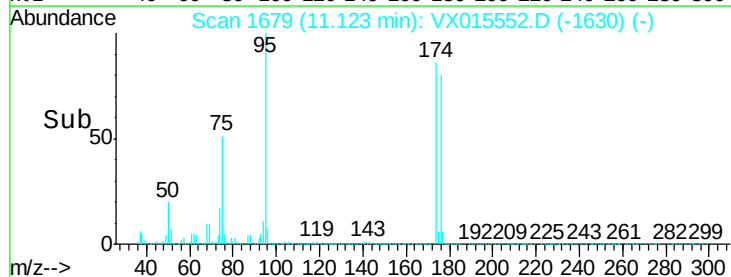
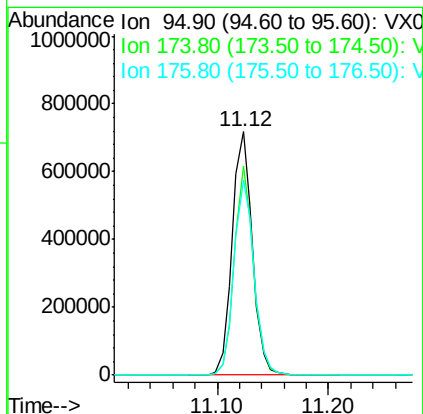
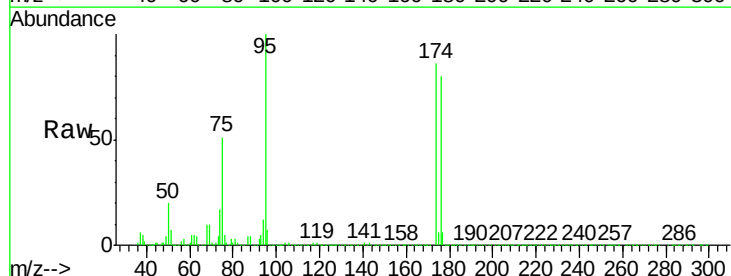
Tgt Ion: 95 Resp: 896804

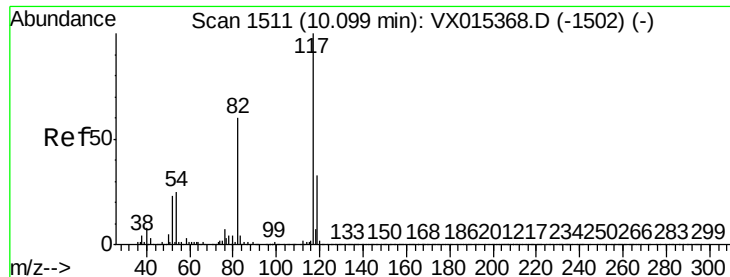
Ion Ratio Lower Upper

95 100

174 81.3 0.0 158.6

176 80.6 0.0 159.0

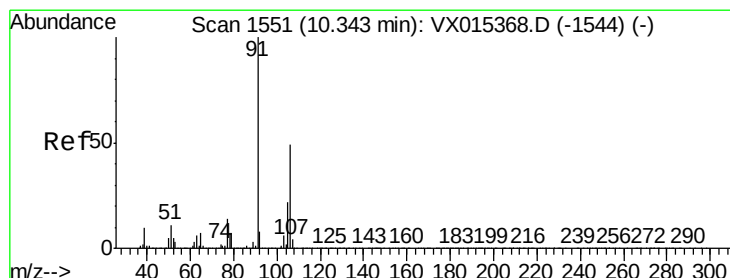
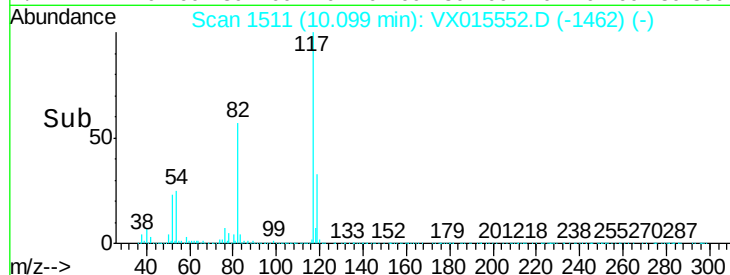
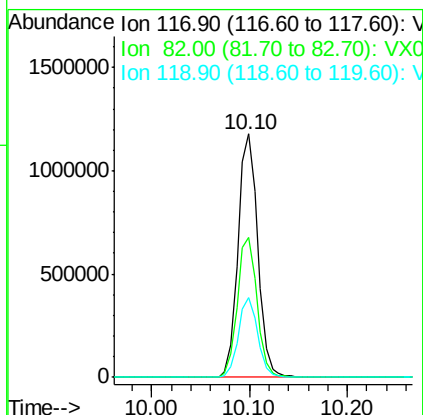
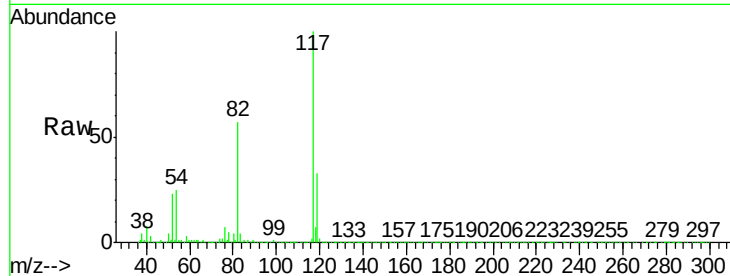




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015552.D
Acq: 07 Apr 2020 20:33

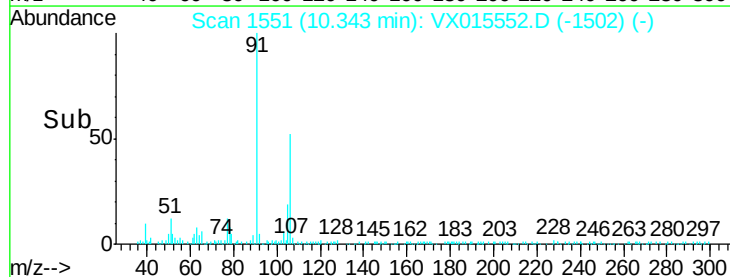
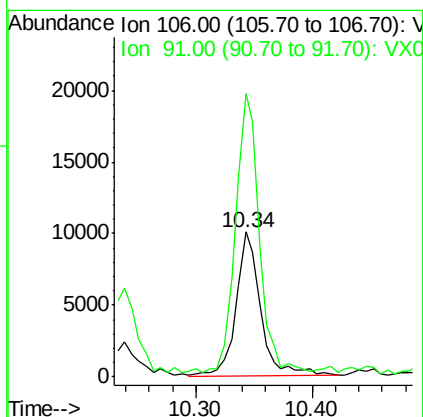
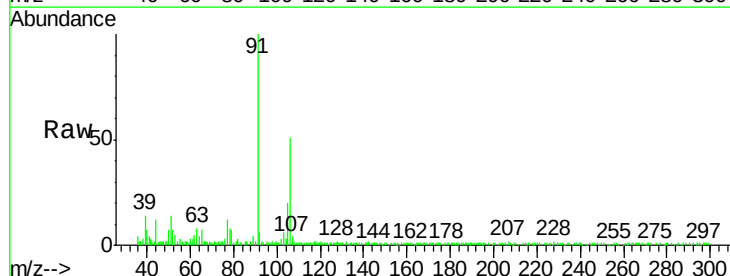
Instrument :
MSVOA_X
ClientSampled :
MH-109

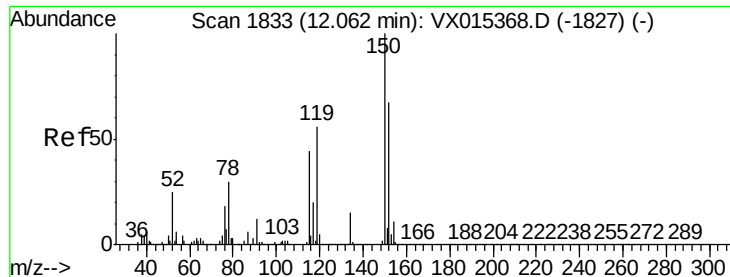
Tot Ion:117 Resp: 1650500
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 32.6 26.8 40.2



#68
m/p-Xylenes
Concen: 0.678 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015552.D
Acq: 07 Apr 2020 20:33

Tgt Ion:106 Resp: 14729
Ion Ratio Lower Upper
106 100
91 186.8 163.4 245.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015552.D

Acq: 07 Apr 2020 20:33

Instrument :

MSVOA_X

ClientSampled :

MH-109

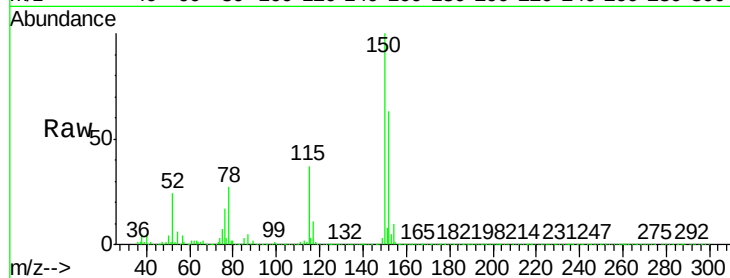
Tot Ion:152 Resp: 910097

Ion Ratio Lower Upper

152 100

115 58.7 39.0 116.9

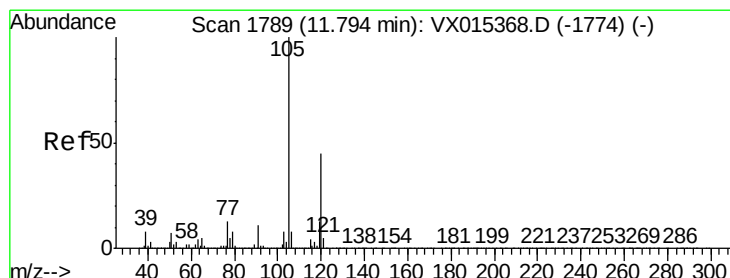
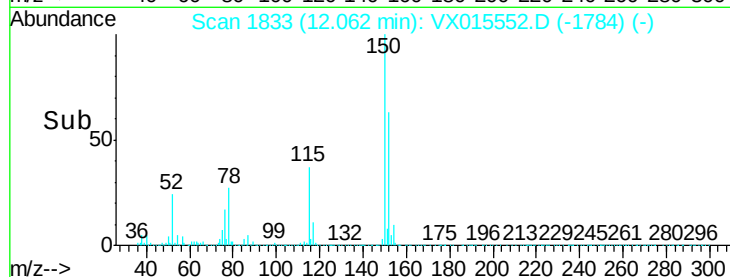
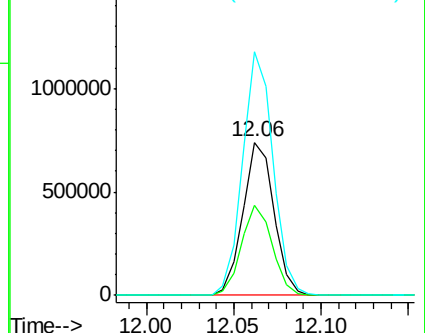
150 157.0 0.0 340.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.338 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015552.D

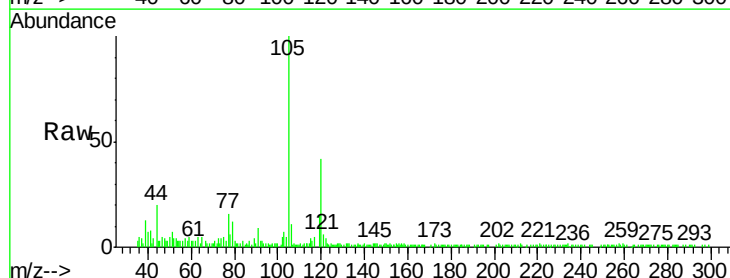
Acq: 07 Apr 2020 20:33

Tgt Ion:105 Resp: 17553

Ion Ratio Lower Upper

105 100

120 42.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

