

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015633.D
 Acq On : 10 Apr 2020 19:42
 Operator : JC/SP
 Sample : L2196-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-GW-148-150

Quant Time: Apr 11 03:03:41 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

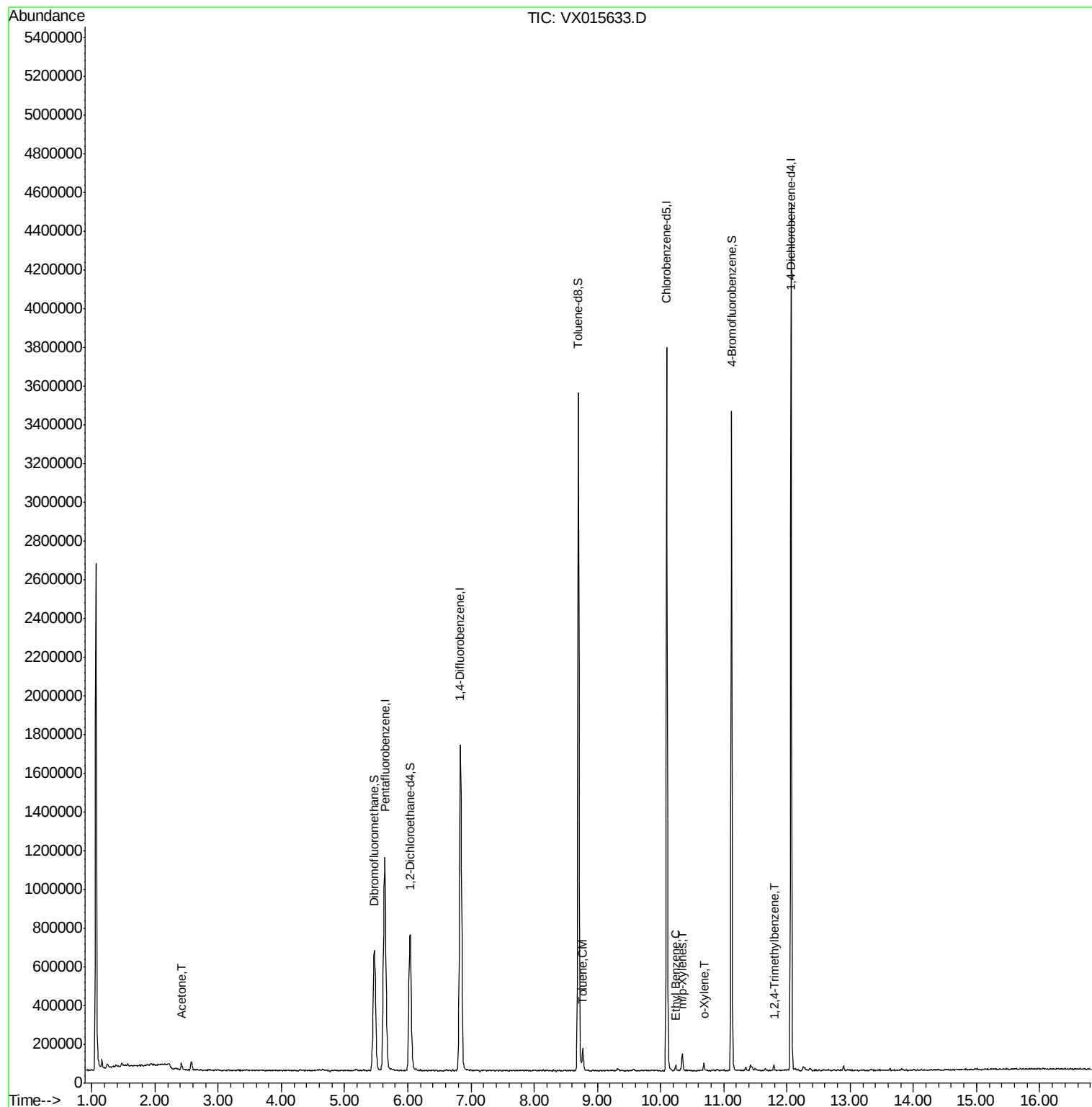
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1099856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1667601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1625093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	907385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	696494	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
35) Dibromofluoromethane	5.47	113	510471	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	8.70	98	2000759	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	856169	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
Target Compounds						
16) Acetone	2.42	43	33696	5.056	ug/l	95
52) Toluene	8.77	92	41227	1.486	ug/l	93
67) Ethyl Benzene	10.24	91	18471	0.321	ug/l	97
68) m/p-Xylenes	10.34	106	20799	0.972	ug/l	96
69) o-Xylene	10.68	106	9929	0.469	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	16330	0.316	ug/l	98

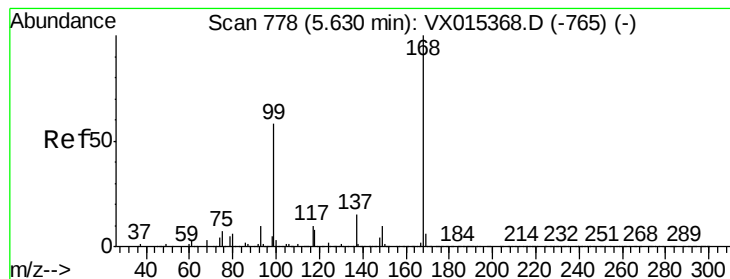
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015633.D

Acq: 10 Apr 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

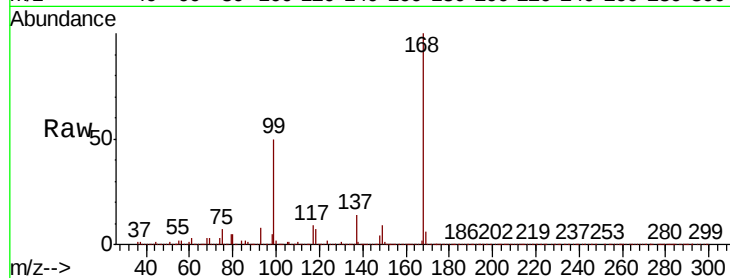
BP-VPB180-GW-148-150

Tot Ion:168 Resp: 1099856

Ion Ratio Lower Upper

168 100

99 50.1 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

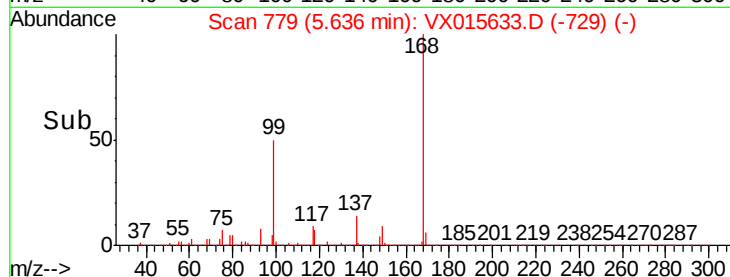
300000

200000

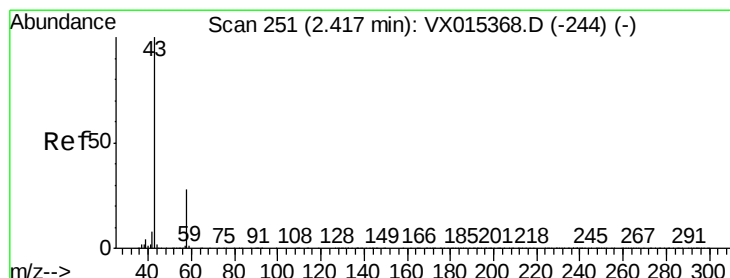
100000

0

5.50 5.60 5.70 5.80



Time-->



#16

Acetone

Concen: 5.056 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015633.D

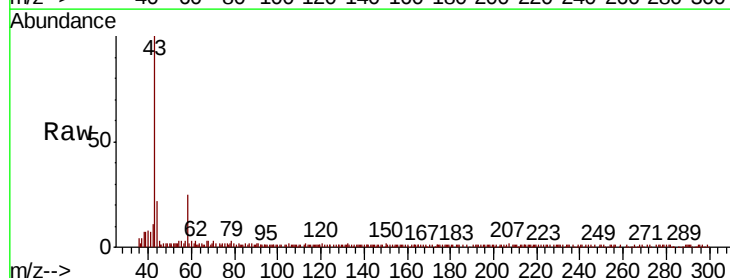
Acq: 10 Apr 2020 19:42

Tgt Ion: 43 Resp: 33696

Ion Ratio Lower Upper

43 100

58 25.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

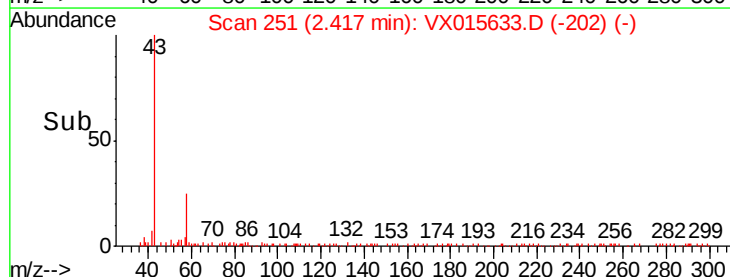
15000

10000

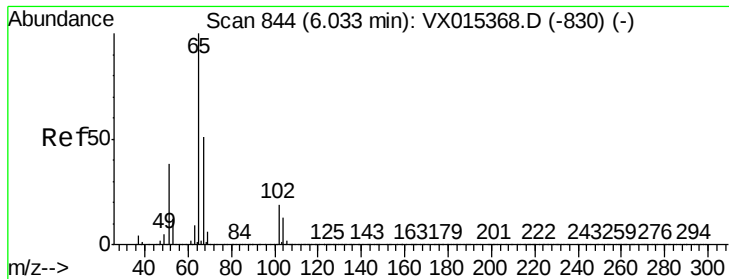
5000

0

2.40 2.50



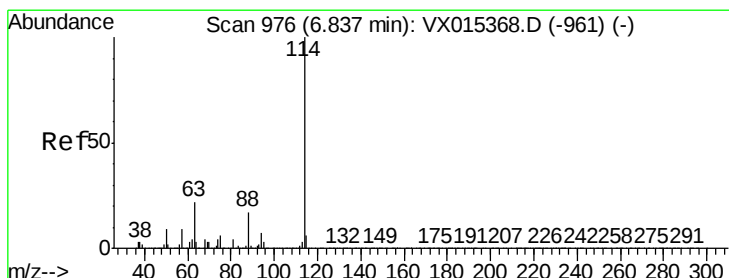
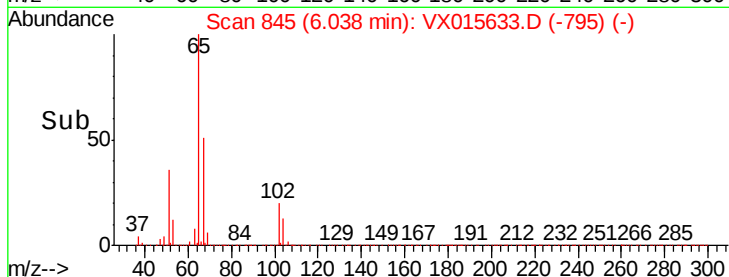
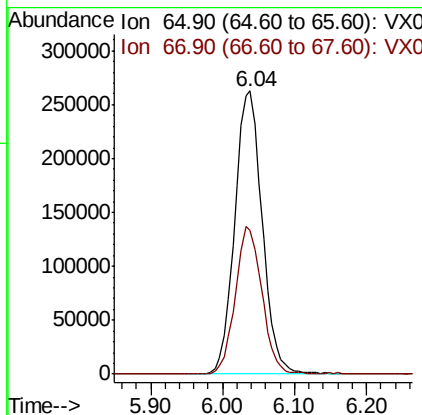
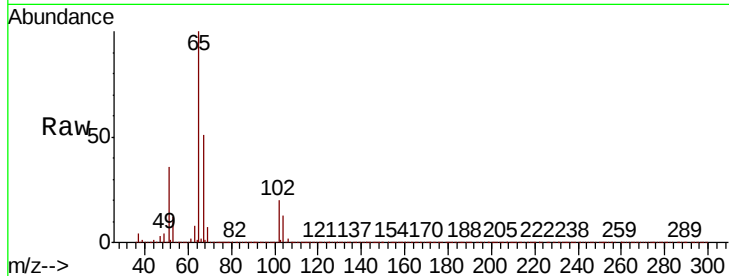
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 44.900 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015633.D
 Acq: 10 Apr 2020 19:42

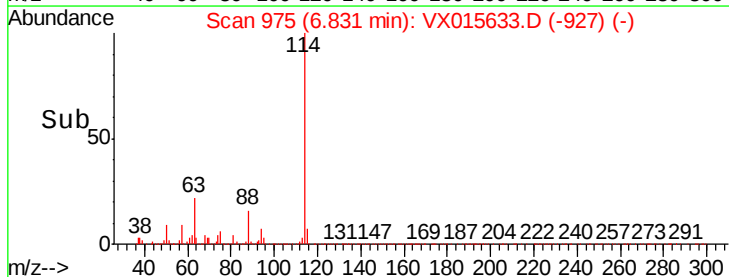
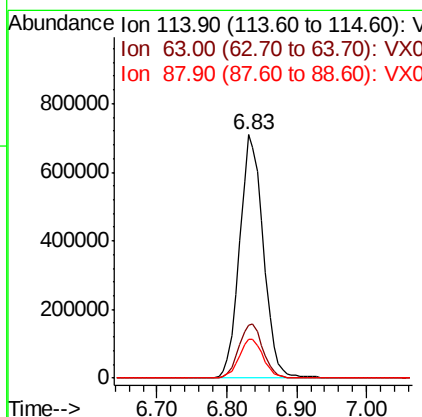
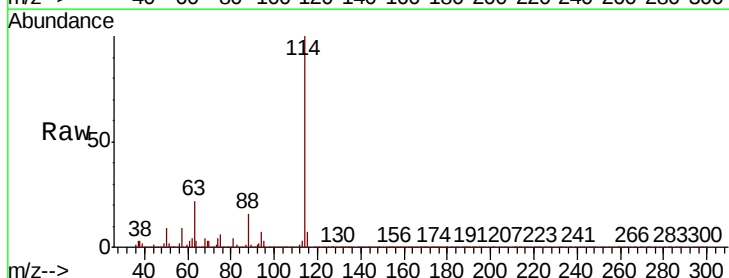
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-GW-148-150

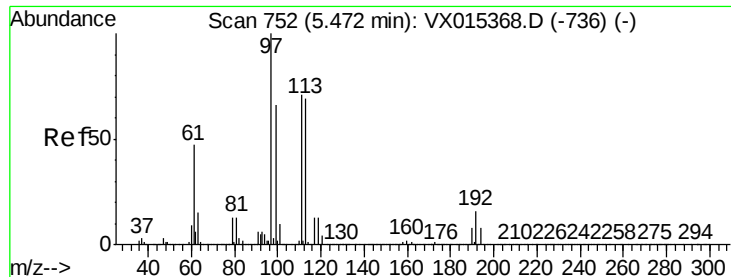
Tot Ion: 65 Resp: 696494
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015633.D
 Acq: 10 Apr 2020 19:42

Tgt Ion: 114 Resp: 1667601
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.888 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015633.D

Acq: 10 Apr 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-GW-148-150

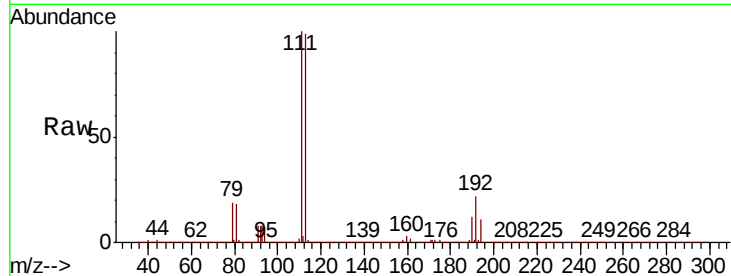
Tot Ion:113 Resp: 510471

Ion Ratio Lower Upper

113 100

111 104.2 81.5 122.3

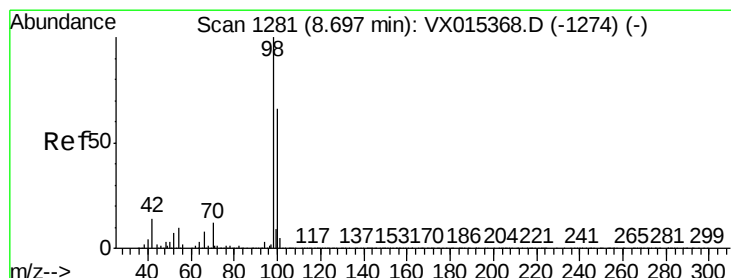
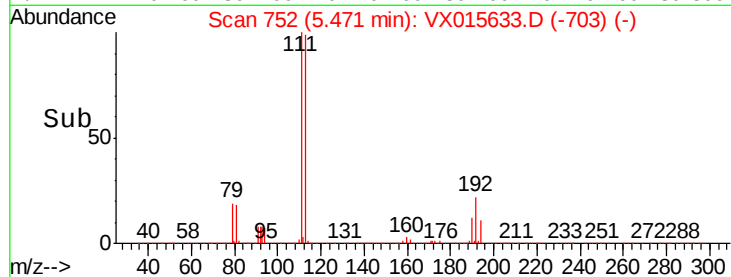
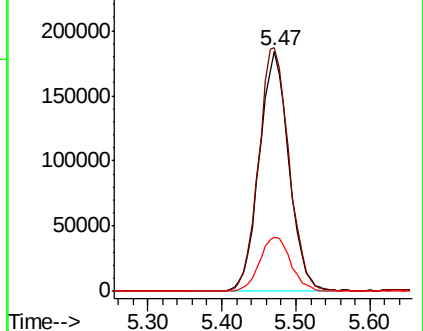
192 23.5 17.8 26.6



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: 50.979 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015633.D

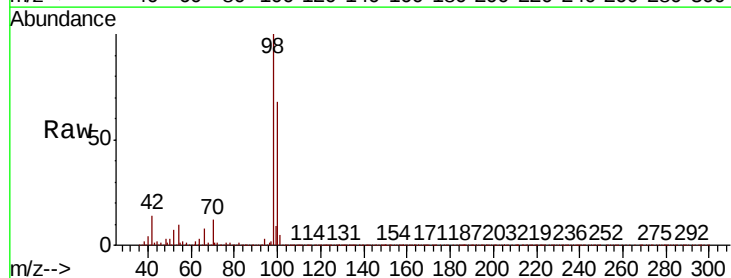
Acq: 10 Apr 2020 19:42

Tgt Ion: 98 Resp: 2000759

Ion Ratio Lower Upper

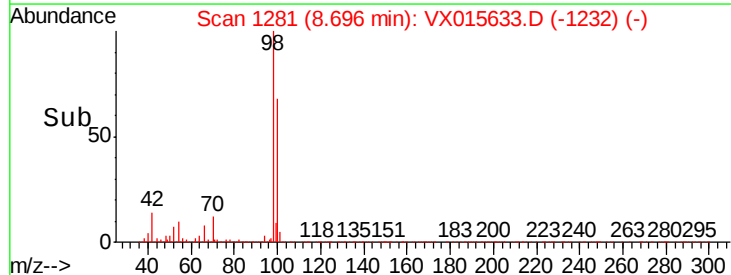
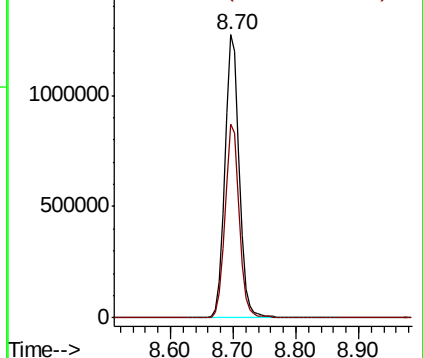
98 100

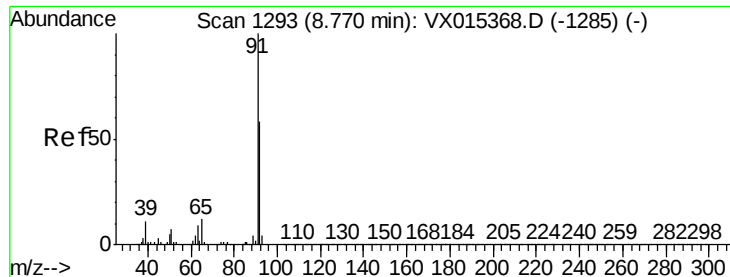
100 67.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.486 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015633.D

Acq: 10 Apr 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

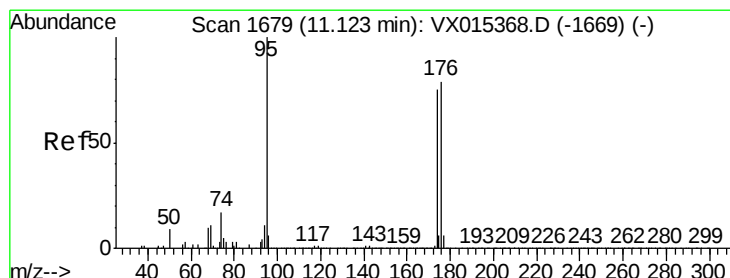
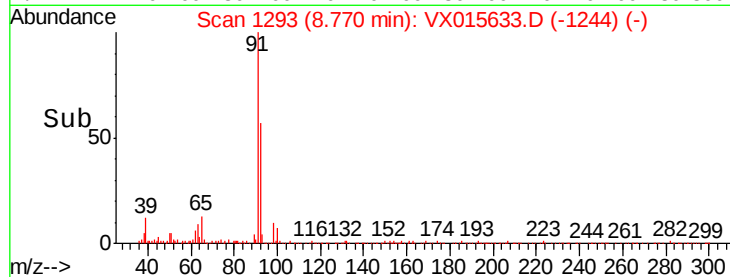
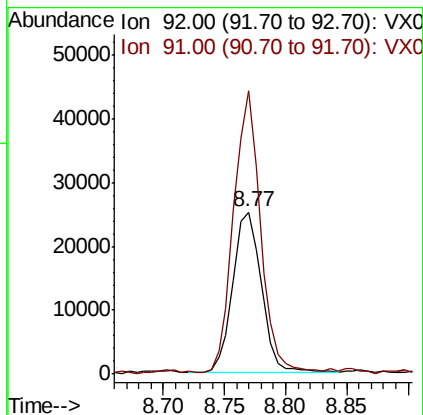
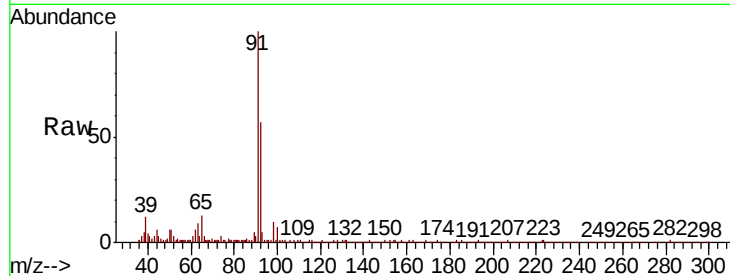
BP-VPB180-GW-148-150

Tot Ion: 92 Resp: 41227

Ion Ratio Lower Upper

92 100

91 161.7 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 53.679 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015633.D

Acq: 10 Apr 2020 19:42

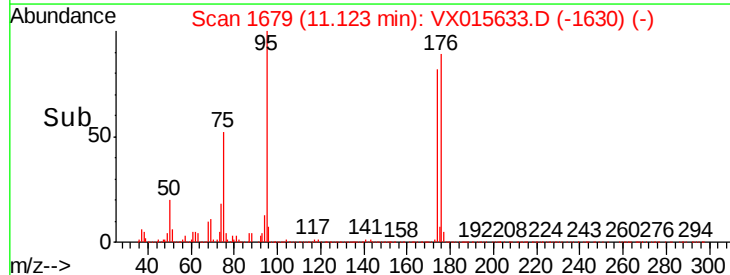
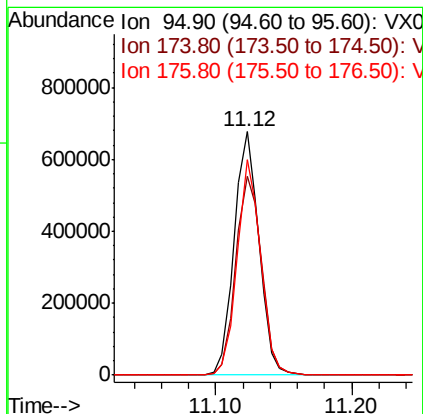
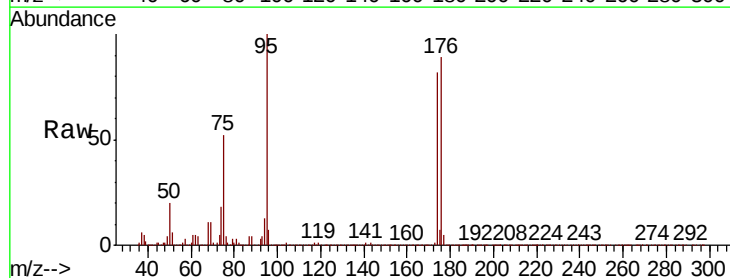
Tgt Ion: 95 Resp: 856169

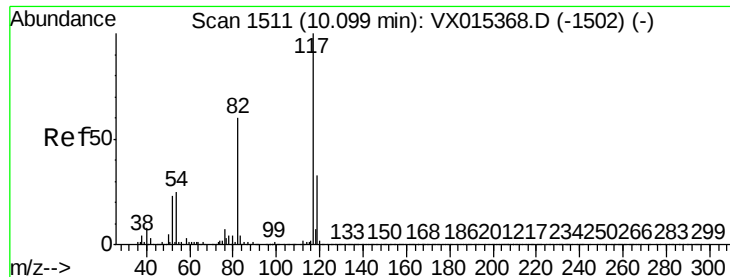
Ion Ratio Lower Upper

95 100

174 85.0 0.0 158.6

176 84.3 0.0 159.0

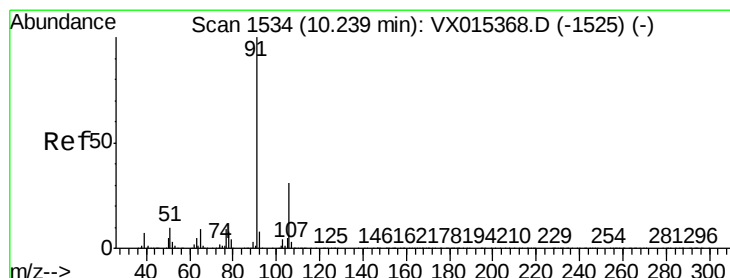
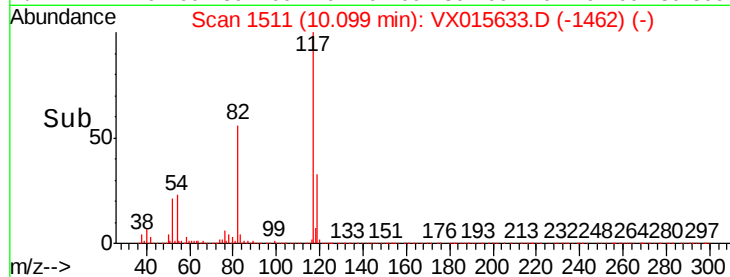
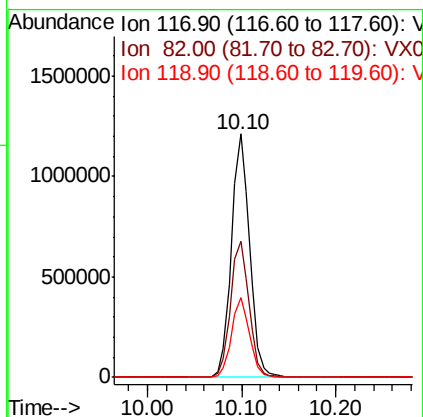
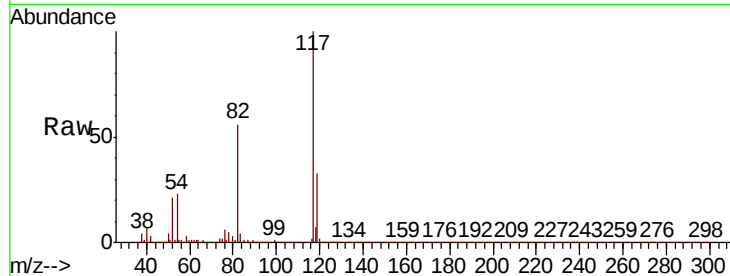




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015633.D
Acq: 10 Apr 2020 19:42

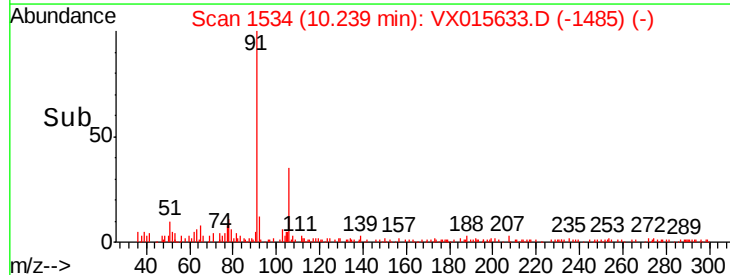
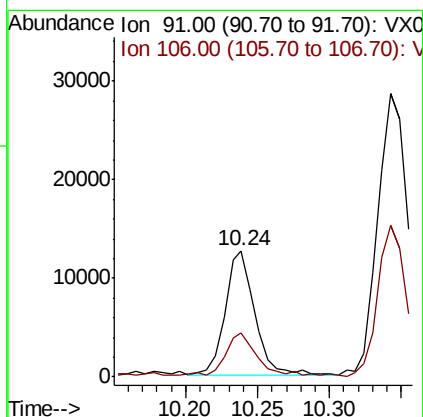
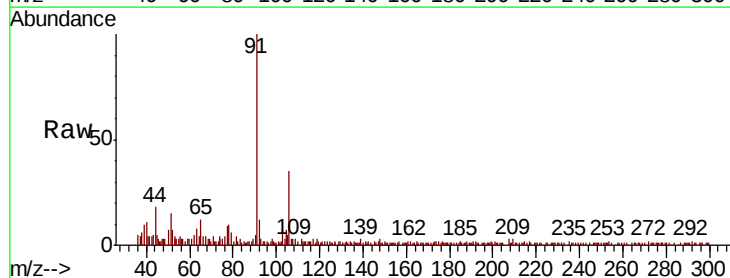
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-GW-148-150

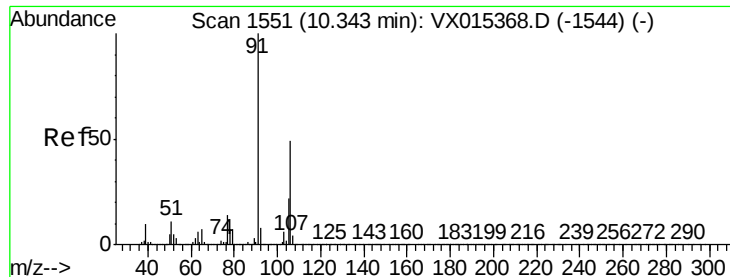
Tot Ion:117 Resp: 1625093
Ion Ratio Lower Upper
117 100
82 56.0 47.8 71.8
119 33.0 26.8 40.2



#67
Ethyl Benzene
Concen: 0.321 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015633.D
Acq: 10 Apr 2020 19:42

Tgt Ion: 91 Resp: 18471
Ion Ratio Lower Upper
91 100
106 32.5 24.8 37.2





#68

m/p-Xvlenes

Concen: 0.972 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015633.D

Acq: 10 Apr 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

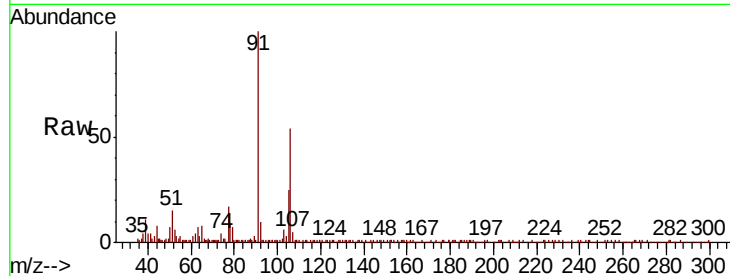
BP-VPB180-GW-148-150

Tot Ion:106 Resp: 20799

Ion Ratio Lower Upper

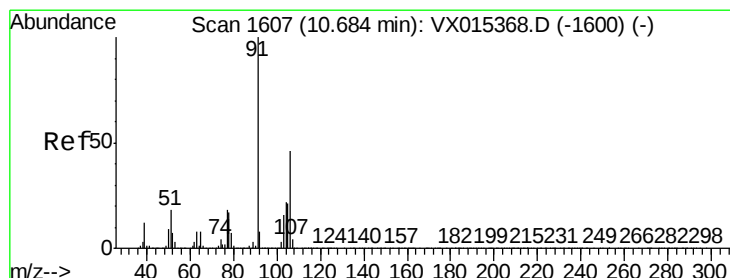
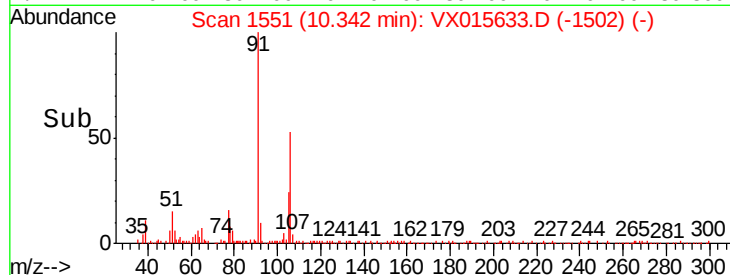
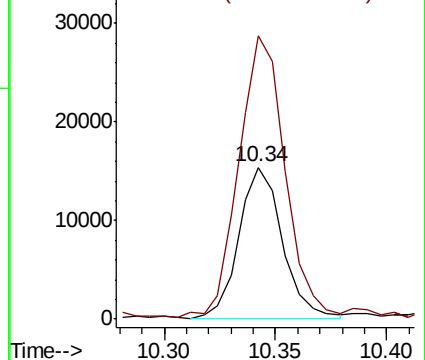
106 100

91 198.2 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.469 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015633.D

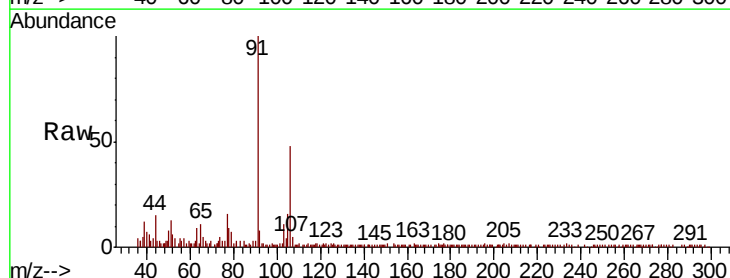
Acq: 10 Apr 2020 19:42

Tgt Ion:106 Resp: 9929

Ion Ratio Lower Upper

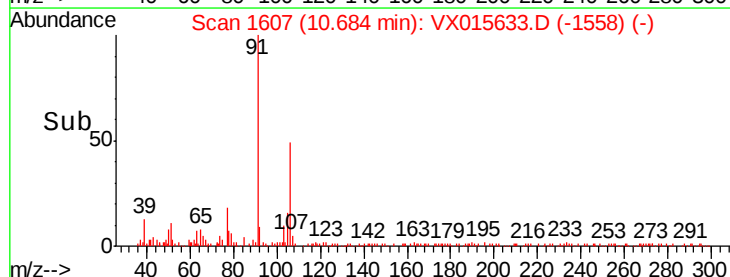
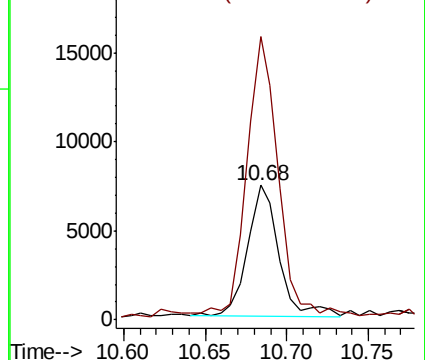
106 100

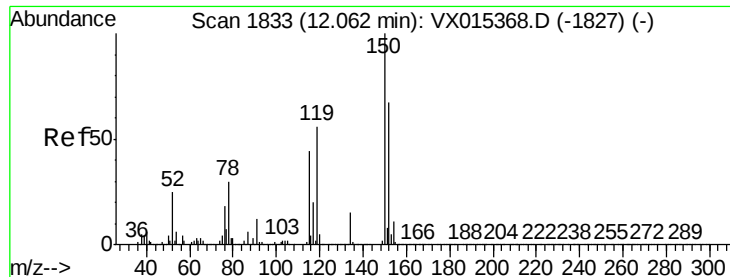
91 213.5 107.1 321.3



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: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015633.D

Acq: 10 Apr 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-GW-148-150

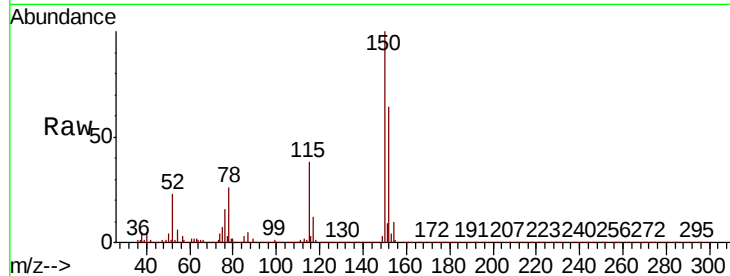
Tot Ion:152 Resp: 907385

Ion Ratio Lower Upper

152 100

115 57.5 39.0 116.9

150 157.1 0.0 340.8

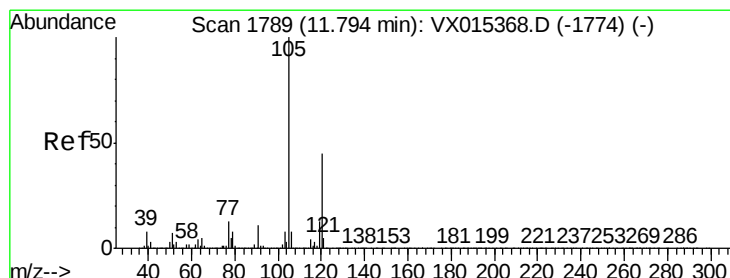
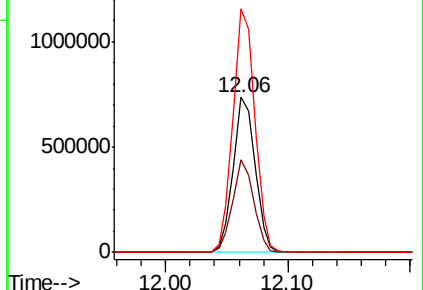
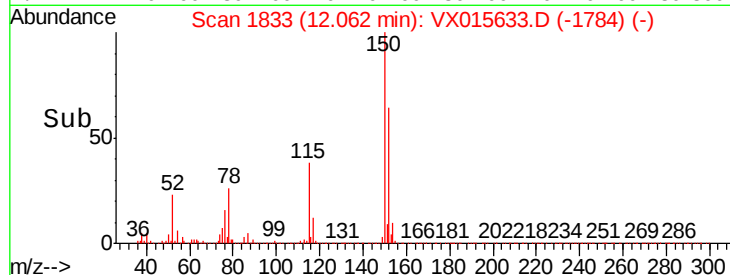


Abundance

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: 0.316 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015633.D

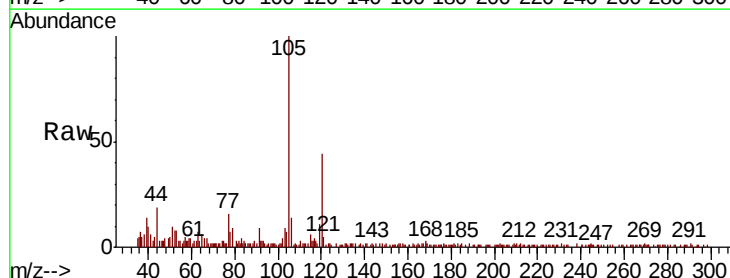
Acq: 10 Apr 2020 19:42

Tgt Ion:105 Resp: 16330

Ion Ratio Lower Upper

105 100

120 46.5 22.7 68.1



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

