

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064070.D
 Acq On : 10 Oct 2020 5:37
 Operator : JC/MD
 Sample : L4314-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

Quant Time: Oct 10 08:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

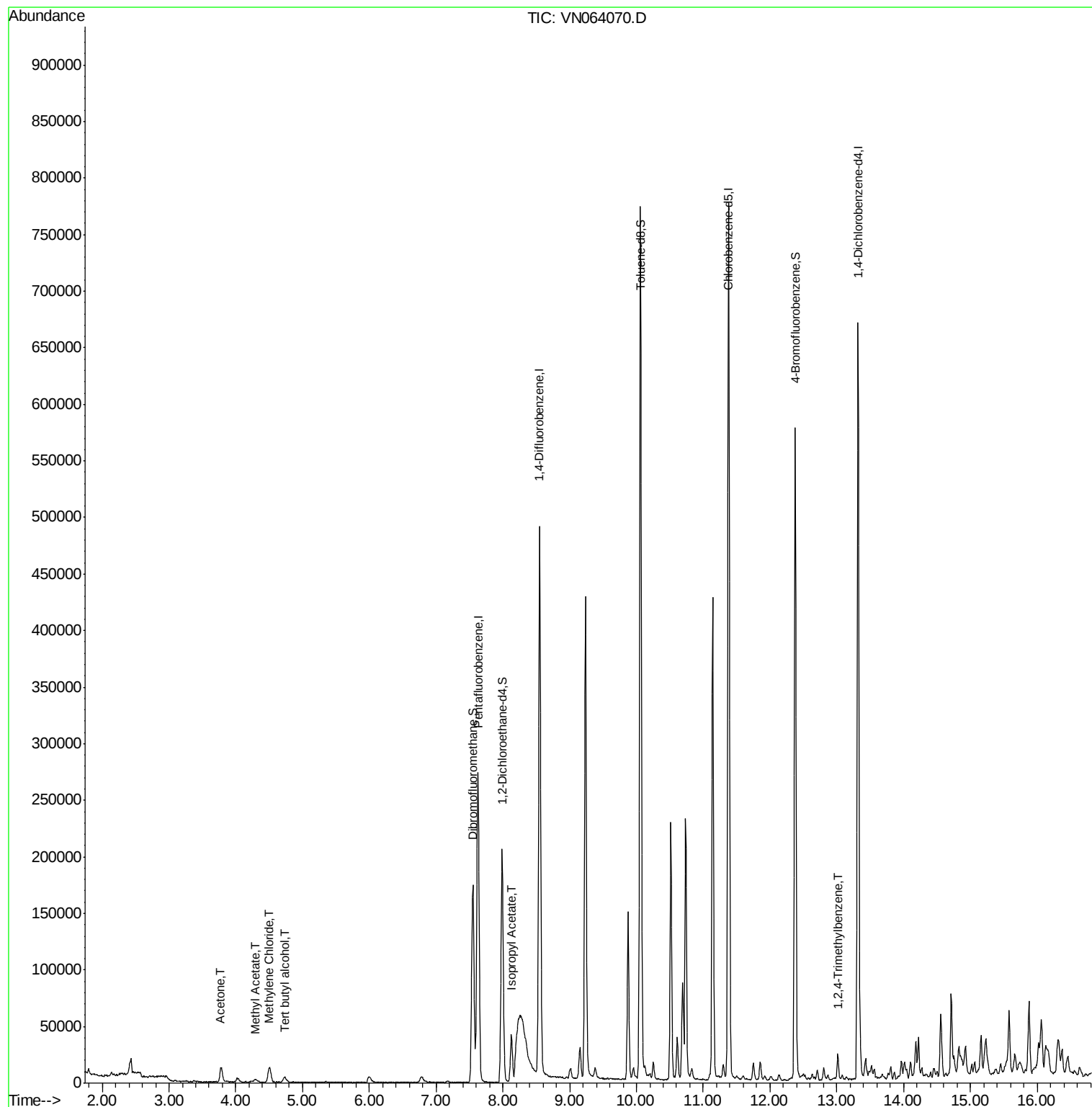
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	201583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	403345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182297	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	7.55	113	134928	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	10.06	98	516767	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.38	95	194810	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	7162	19.479	ug/l #	88
16) Acetone	3.77	43	23155	22.586	ug/l	90
18) Methyl Acetate	4.29	43	5159	1.938	ug/l #	74
20) Methylene Chloride	4.51	84	9472	4.124	ug/l	93
43) Isopropyl Acetate	8.13	43	49972	7.462	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	10652	1.035	ug/l	97

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

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Quant Time: Oct 10 08:09:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

Instrument :

MSVOA_N

ClientSampleId :

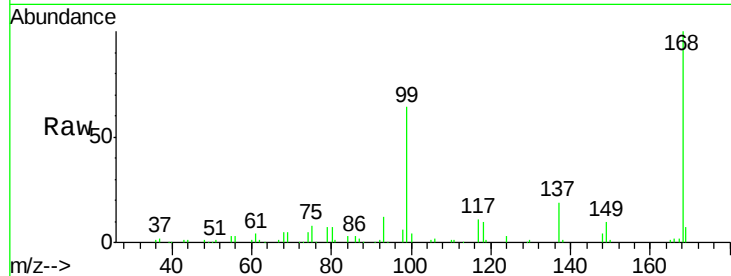
DRUM-1-4

Tot Ion:168 Resp: 201583

Ion Ratio Lower Upper

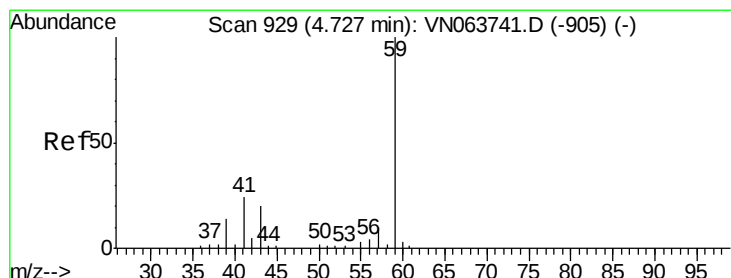
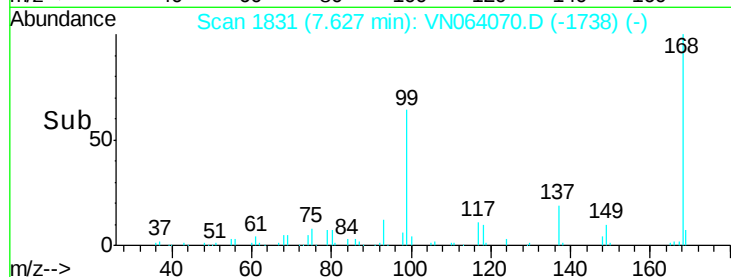
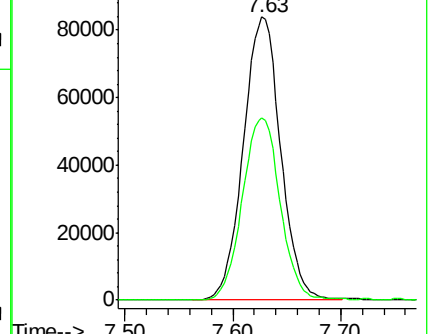
168 100

99 64.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 19.479 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN064070.D

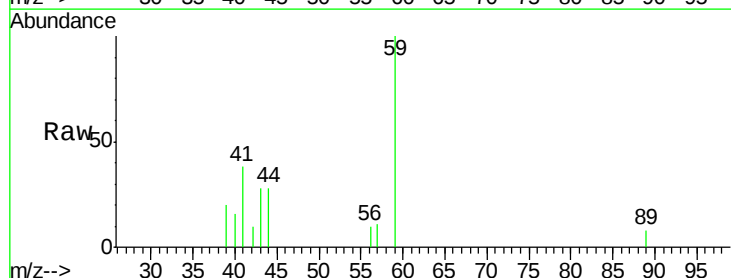
Acq: 10 Oct 2020 5:37

Tgt Ion: 59 Resp: 7162

Ion Ratio Lower Upper

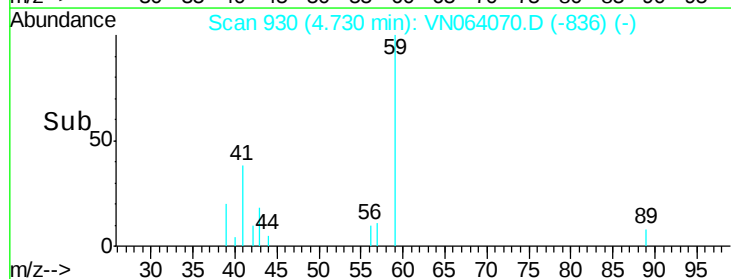
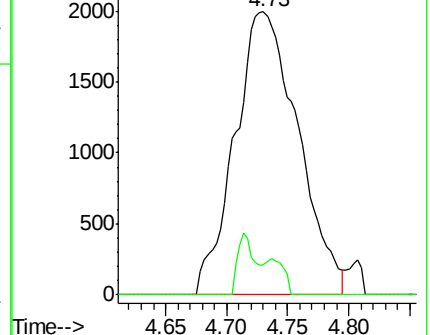
59 100

57 6.3 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 22.586 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

Instrument :

MSVOA_N

ClientSampled :

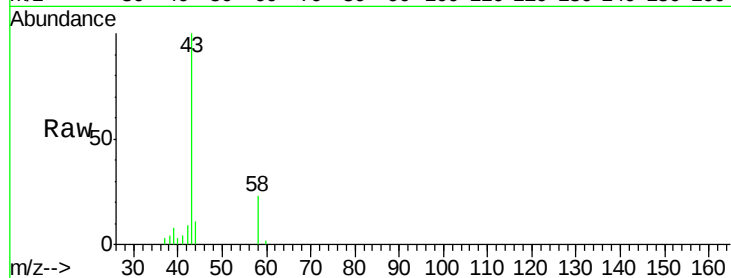
DRUM-1-4

Tot Ion: 43 Resp: 23155

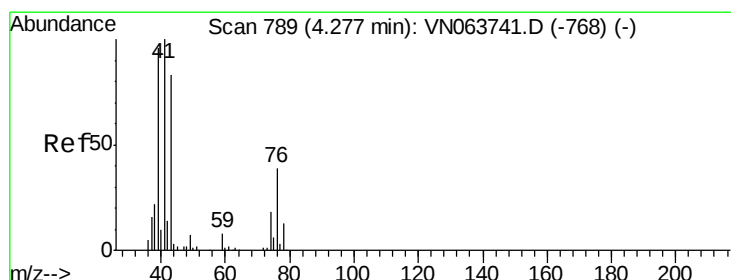
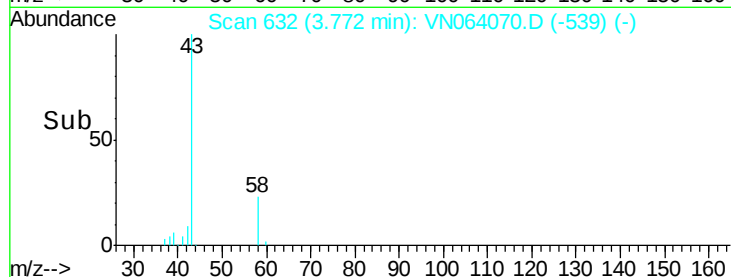
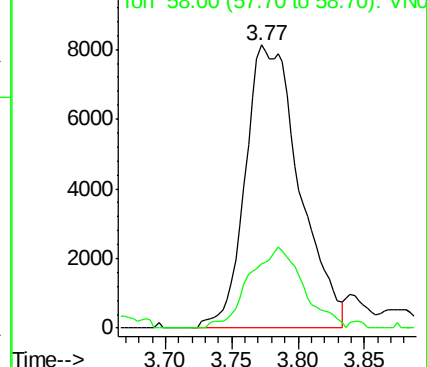
Ion Ratio Lower Upper

43 100

58 22.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN064070.D (-539) (-)



#18

Methyl Acetate

Concen: 1.938 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN064070.D

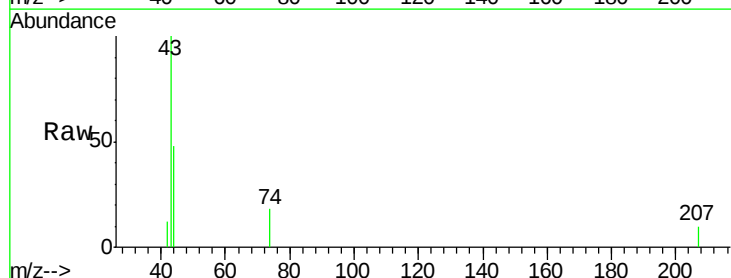
Acq: 10 Oct 2020 5:37

Tgt Ion: 43 Resp: 5159

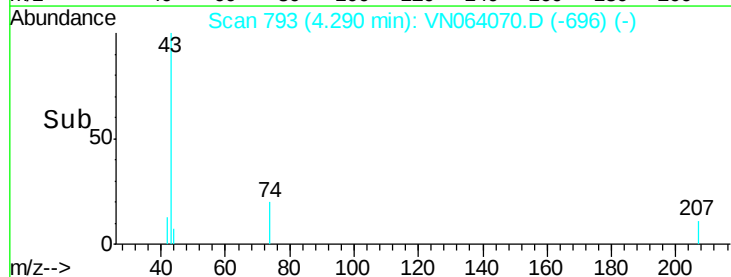
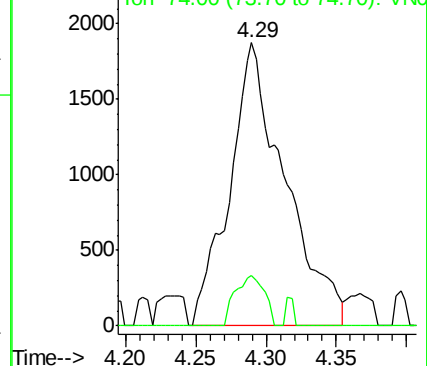
Ion Ratio Lower Upper

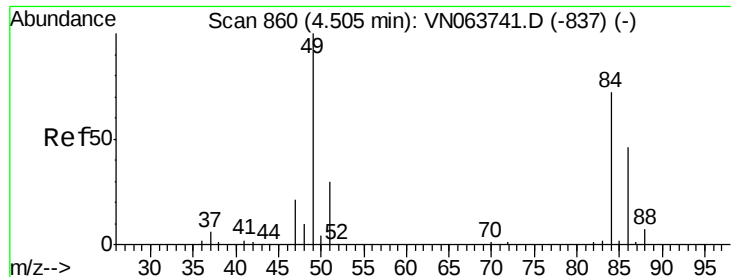
43 100

74 9.4 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN064070.D (-696) (-)

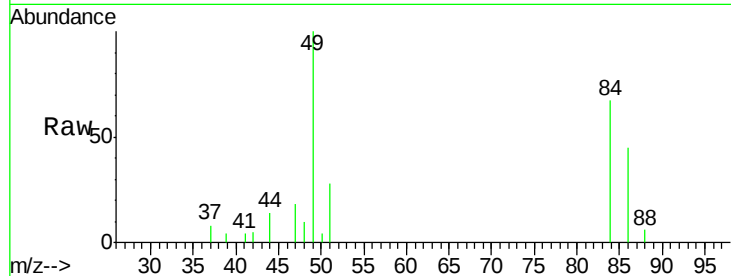




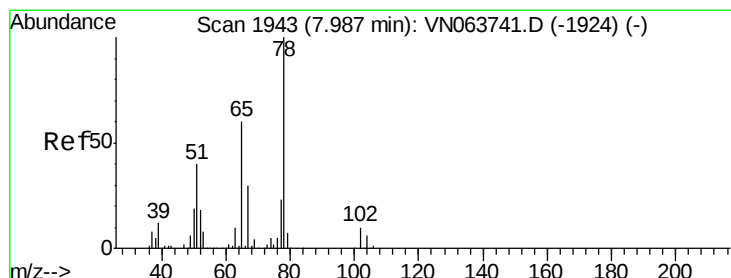
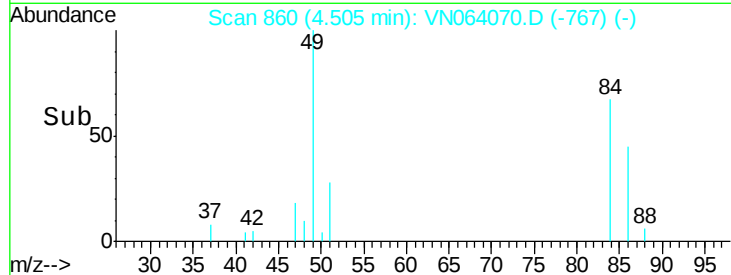
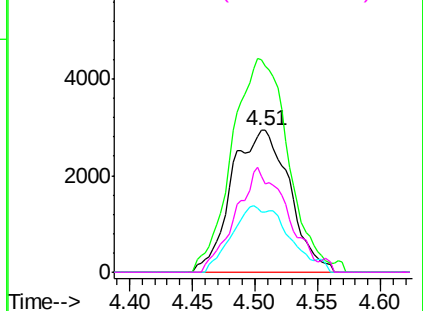
#20
Methvlene Chloride
Concen: 4.124 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064070.D
Acq: 10 Oct 2020 5:37

Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

Tot Ion: 84 Resp: 9472
Ion Ratio Lower Upper
84 100
49 149.6 110.4 165.6
51 42.1 33.3 49.9
86 67.4 50.7 76.1

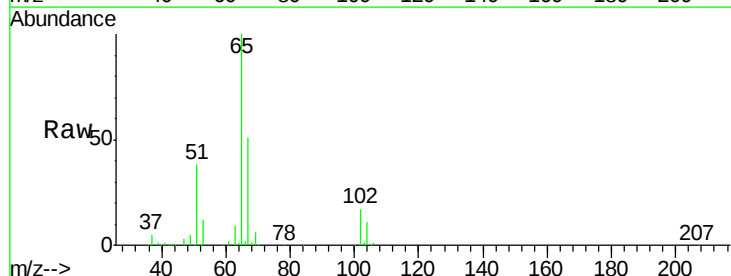


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

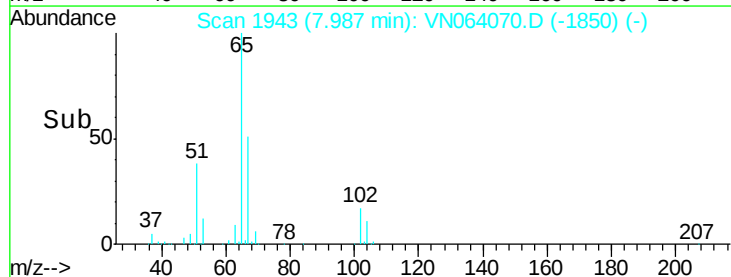
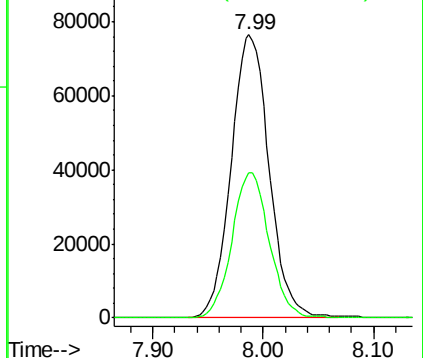


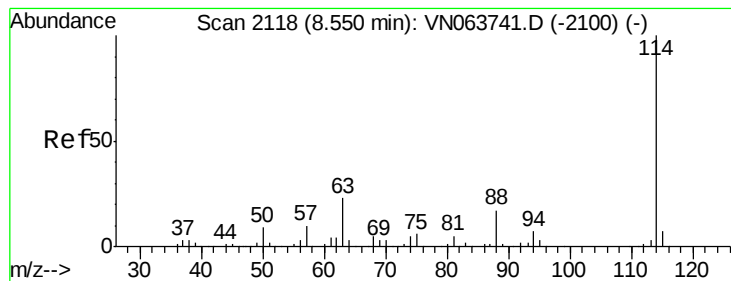
#33
1,2-Dichloroethane-d4
Concen: 54.739 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064070.D
Acq: 10 Oct 2020 5:37

Tgt Ion: 65 Resp: 182297
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

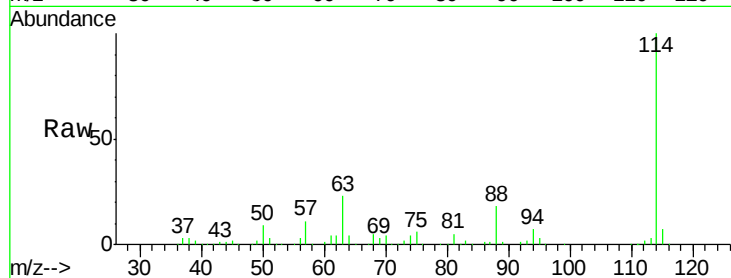
Tot Ion:114 Resp: 403345

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

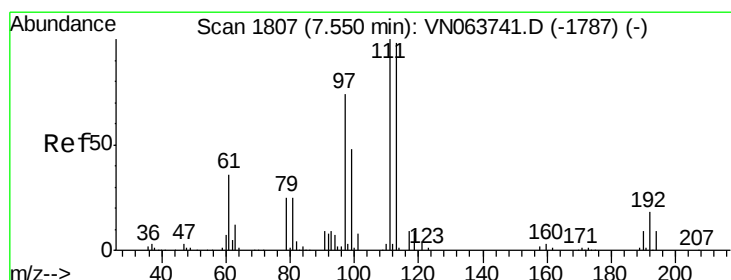
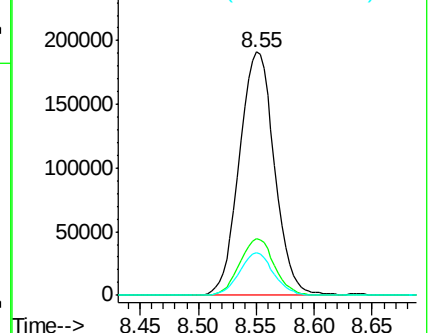
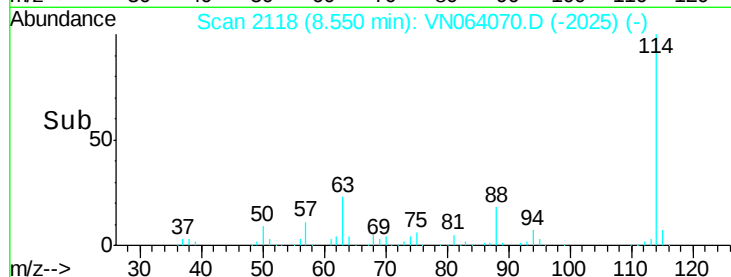
88 17.6 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.211 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

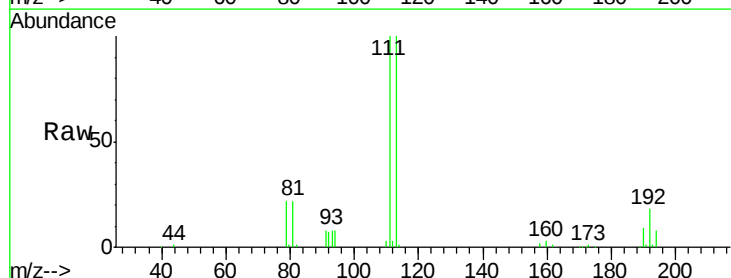
Tgt Ion:113 Resp: 134928

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

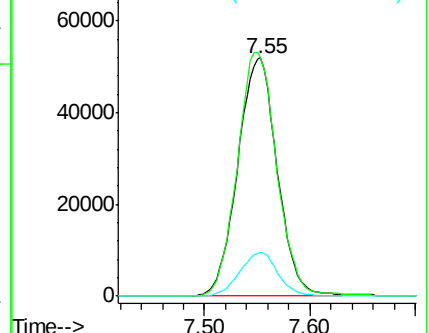
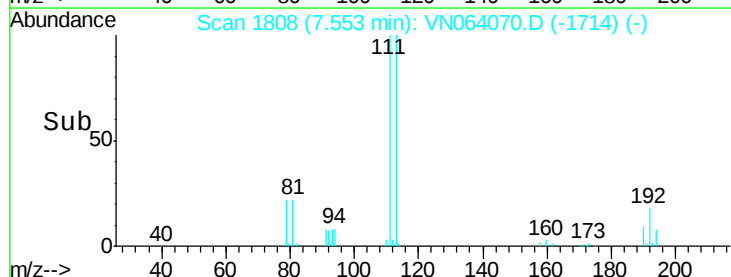
192 17.6 14.2 21.2

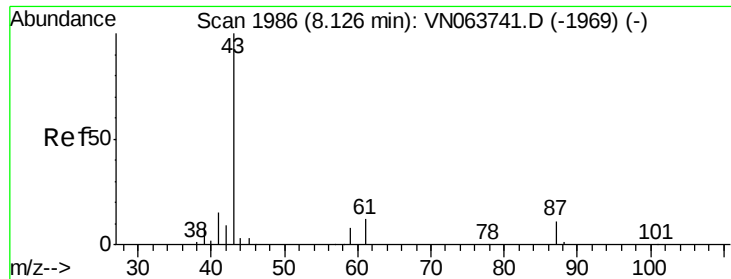


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.462 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-4

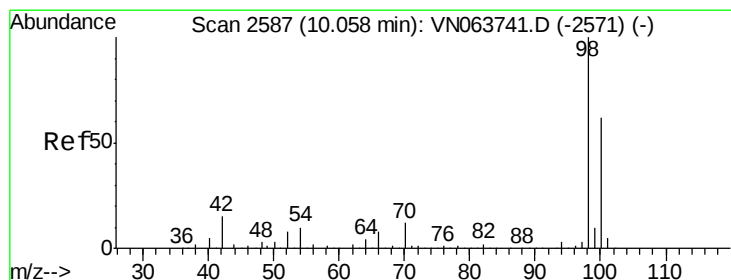
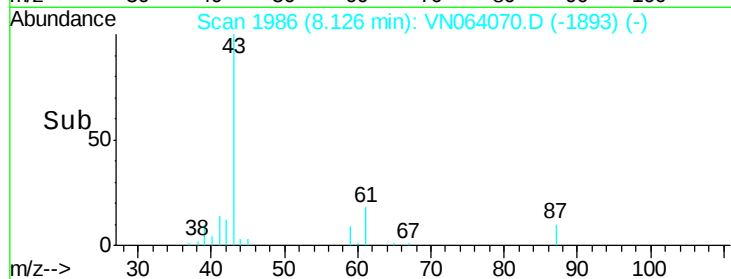
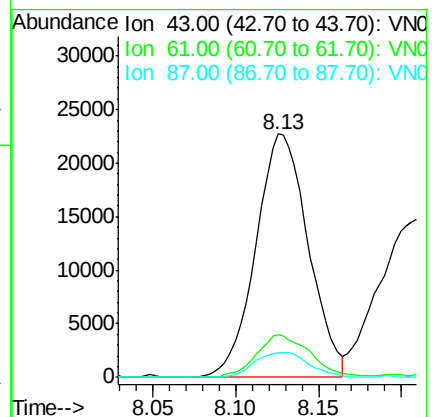
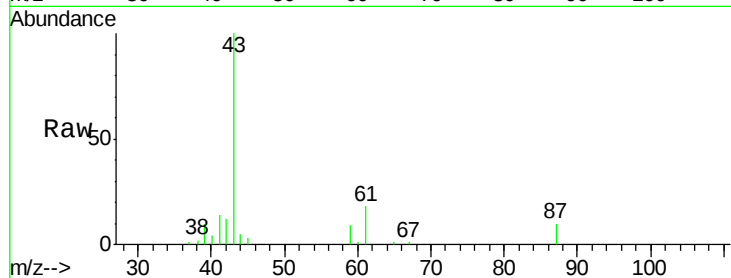
Tot Ion: 43 Resp: 49972

Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.4

87 10.6 9.0 13.6



#50

Toluene-d8

Concen: 48.707 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064070.D

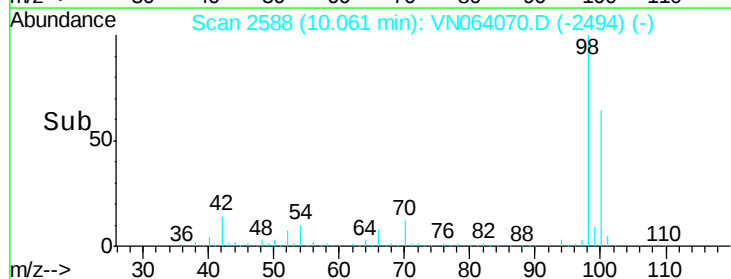
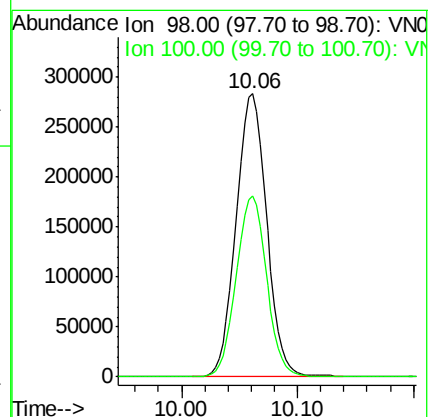
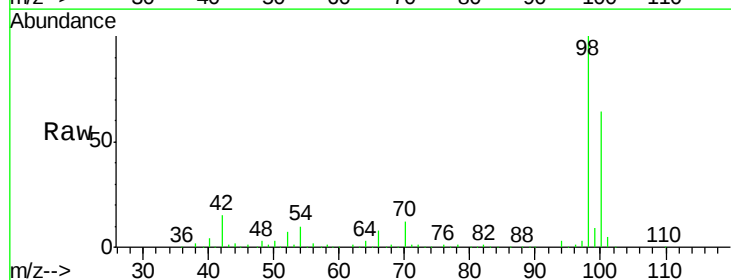
Acq: 10 Oct 2020 5:37

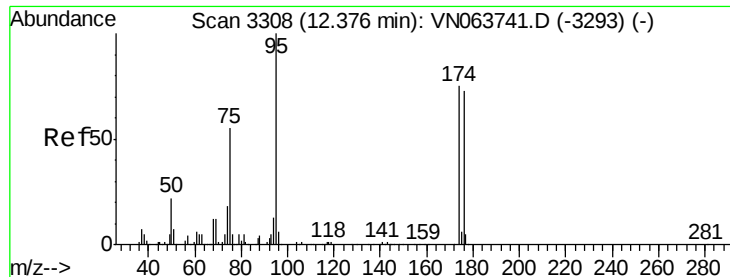
Tgt Ion: 98 Resp: 516767

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.6





#62

4-Bromofluorobenzene

Concen: 48.846 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

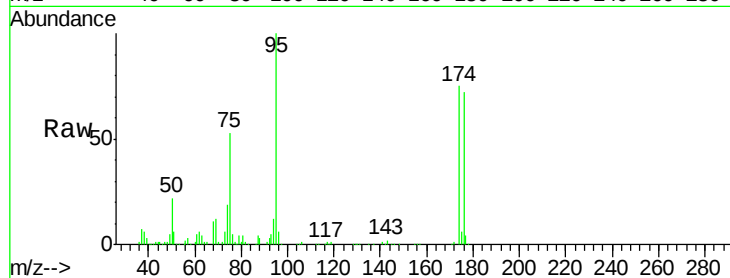
Tot Ion: 95 Resp: 194810

Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.6

176 72.5 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

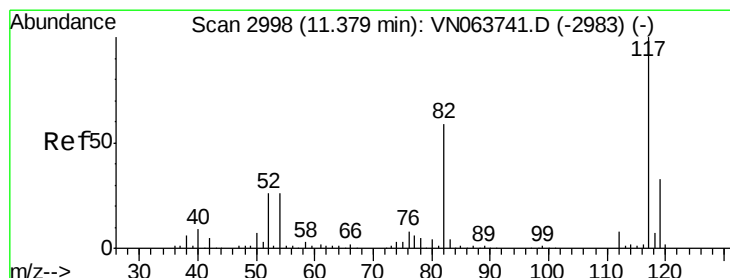
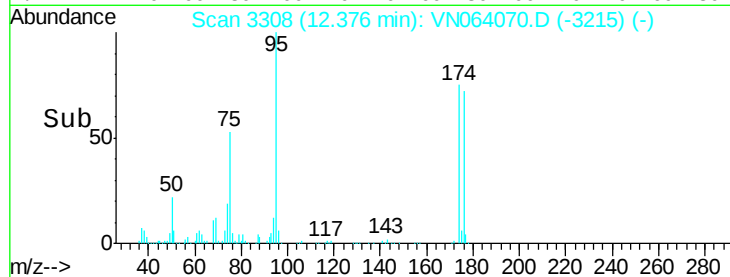
12.38

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

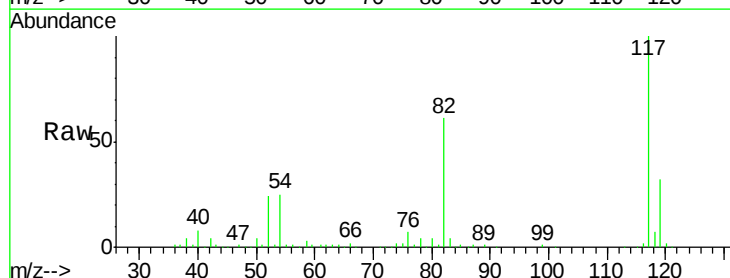
Tgt Ion: 117 Resp: 418707

Ion Ratio Lower Upper

117 100

82 60.8 47.4 71.2

119 31.7 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

11.38

300000

250000

200000

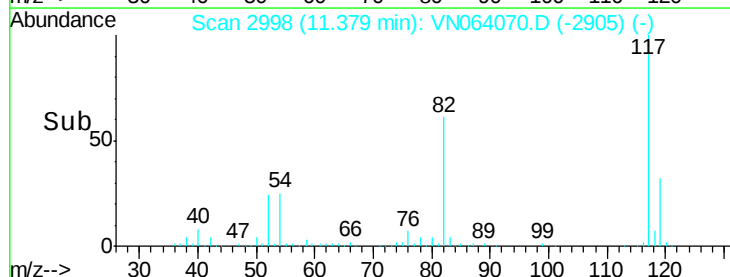
150000

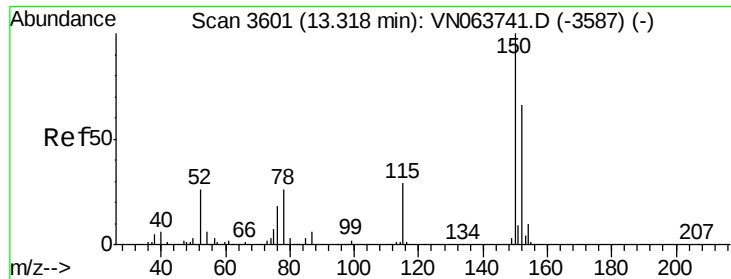
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN064070.D

Acq: 10 Oct 2020 5:37

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

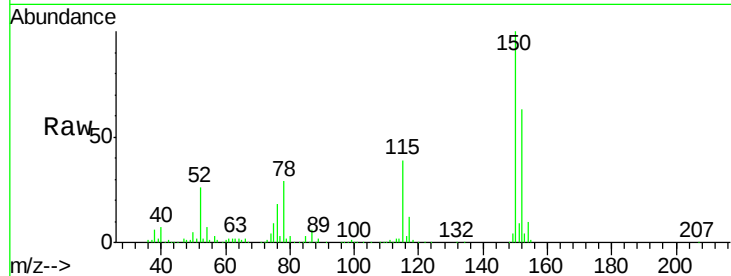
Tot Ion:152 Resp: 168496

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

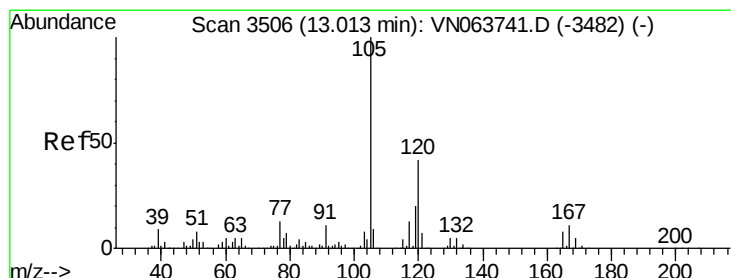
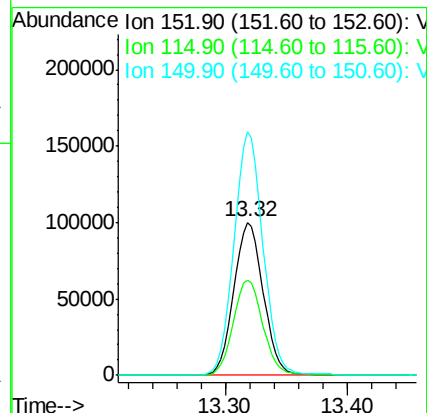
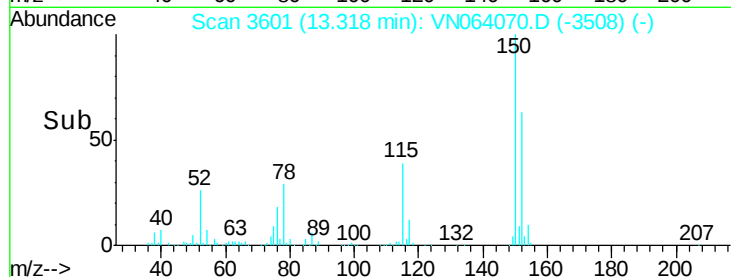
150 157.0 0.0 341.8



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: 1.035 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064070.D

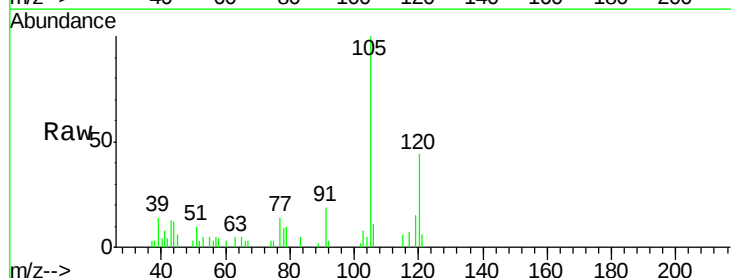
Acq: 10 Oct 2020 5:37

Tgt Ion:105 Resp: 10652

Ion Ratio Lower Upper

105 100

120 43.8 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

