

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063820.D
 Acq On : 2 Oct 2020 14:45
 Operator : JC/MD
 Sample : L4183-05DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 32676DL

Quant Time: Oct 05 06:13:13 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

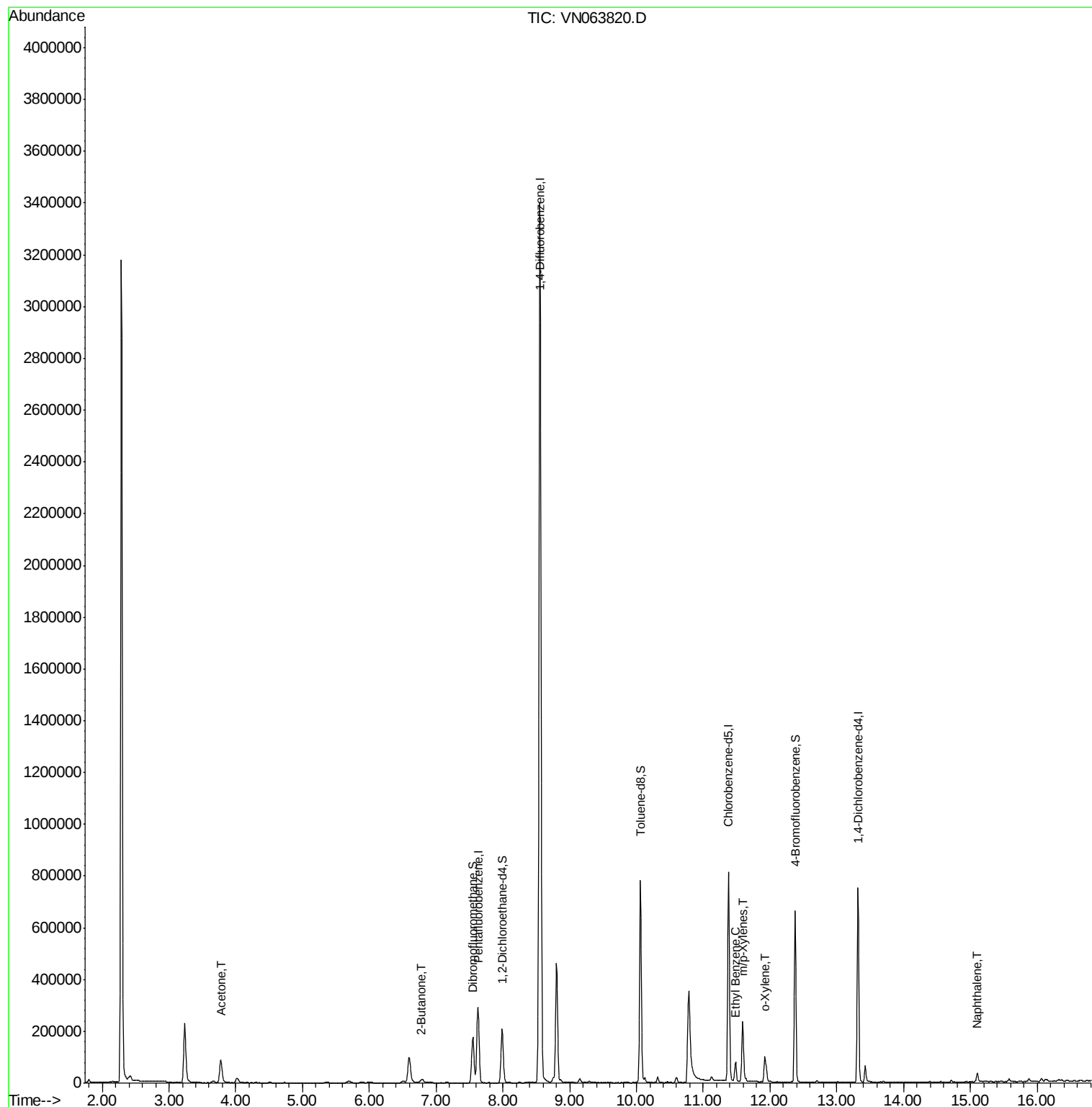
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184977	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.55	113	130242	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
50) Toluene-d8	10.06	98	505990	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
62) 4-Bromofluorobenzene	12.38	95	212875	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
Target Compounds						
16) Acetone	3.78	43	156032	140.398	ug/l	98
25) 2-Butanone	6.79	43	14973	9.503	ug/l	95
67) Ethyl Benzene	11.49	91	50861	3.248	ug/l	97
68) m/p-Xylenes	11.59	106	70197	12.030	ug/l	95
69) o-Xylene	11.92	106	23527	4.314	ug/l	98
95) Naphthalene	15.10	128	28949	4.779	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100220\
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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: VN063820.D

Acq: 2 Oct 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

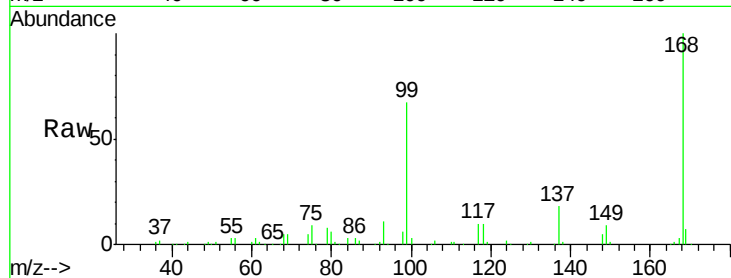
32676DL

Tot Ion:168 Resp: 218530

Ion Ratio Lower Upper

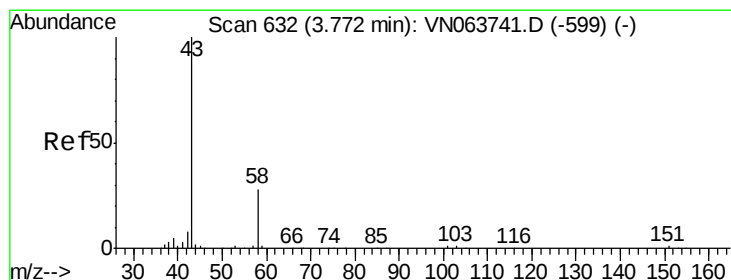
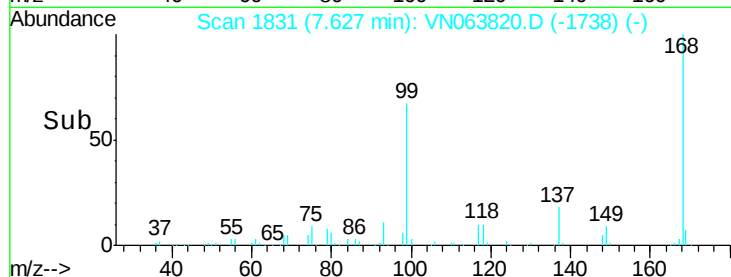
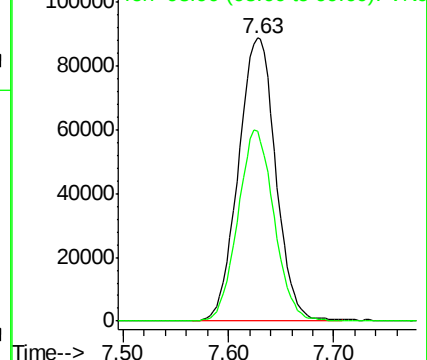
168 100

99 66.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 140.398 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063820.D

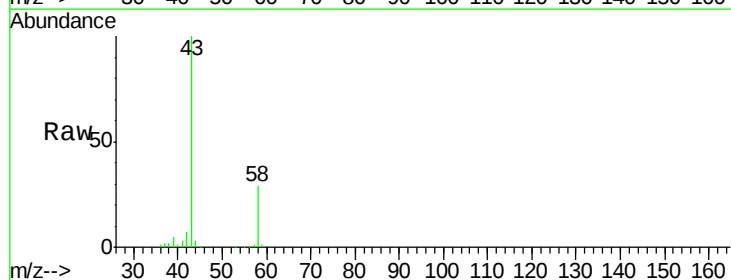
Acq: 2 Oct 2020 14:45

Tgt Ion: 43 Resp: 156032

Ion Ratio Lower Upper

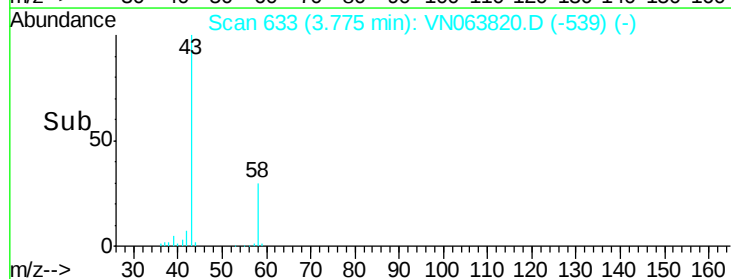
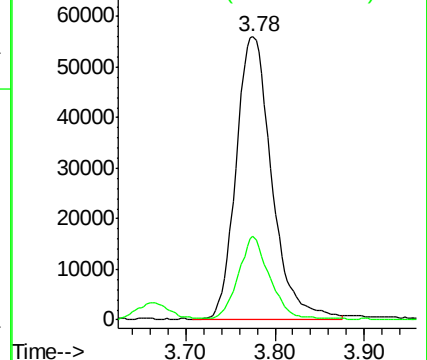
43 100

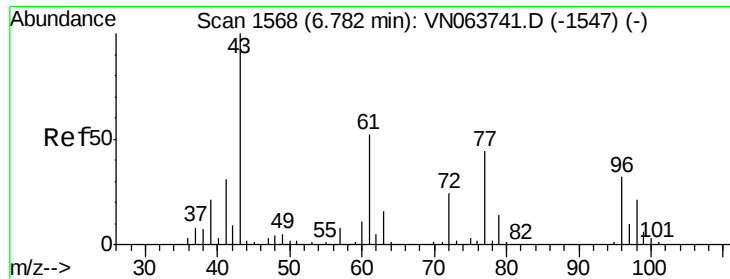
58 28.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

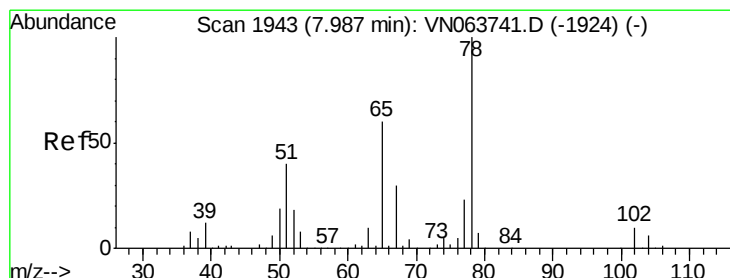
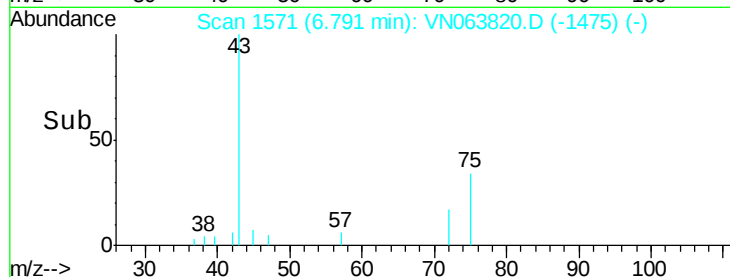
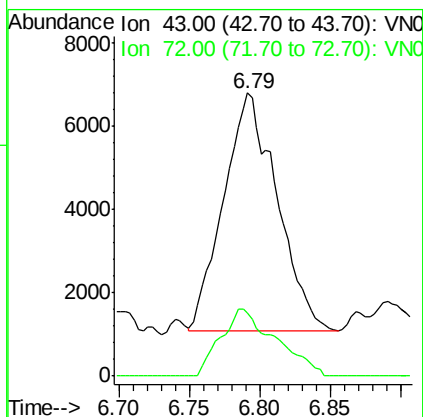
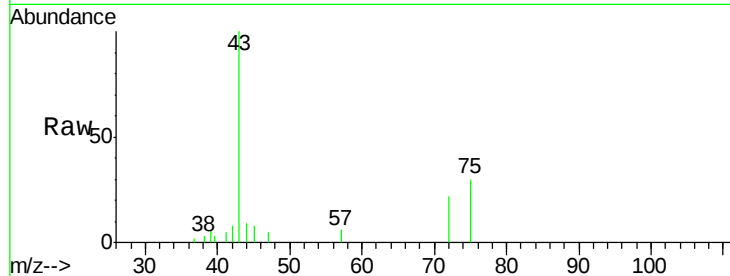




#25
 2-Butanone
 Concen: 9.503 ug/l
 RT: 6.79 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN063820.D
 Acq: 2 Oct 2020 14:45

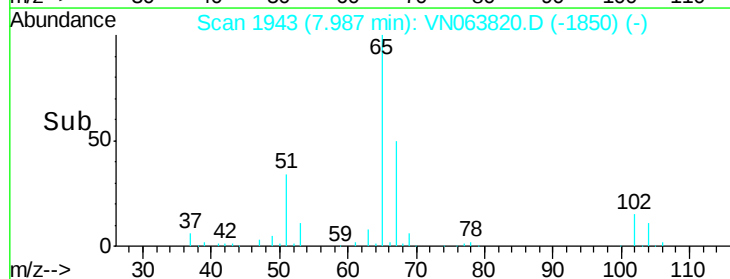
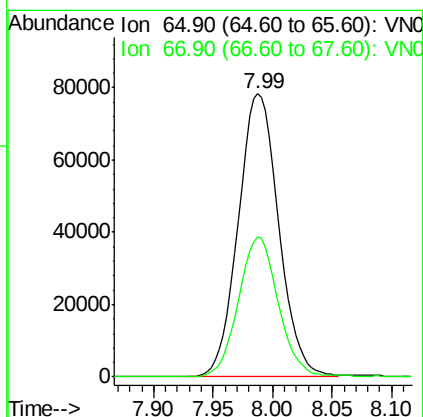
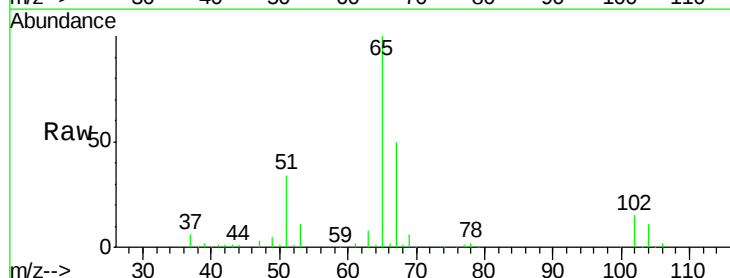
Instrument :
 MSVOA_N
 ClientSampleId :
 32676DL

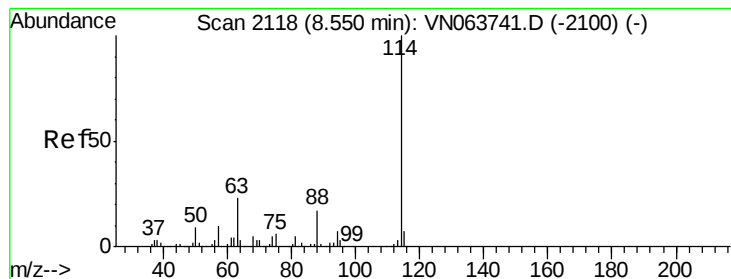
Tot Ion: 43 Resp: 14973
 Ion Ratio Lower Upper
 43 100
 72 26.6 19.3 28.9



#33
 1,2-Dichloroethane-d4
 Concen: 51.236 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063820.D
 Acq: 2 Oct 2020 14:45

Tgt Ion: 65 Resp: 184977
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063820.D

Acq: 2 Oct 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

32676DL

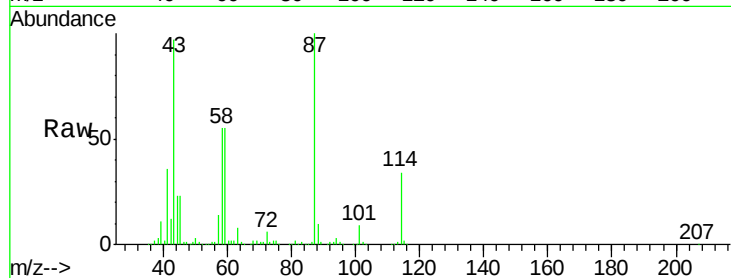
Tot Ion:114 Resp: 416556

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

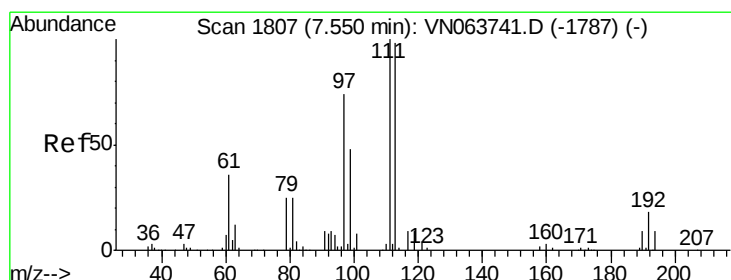
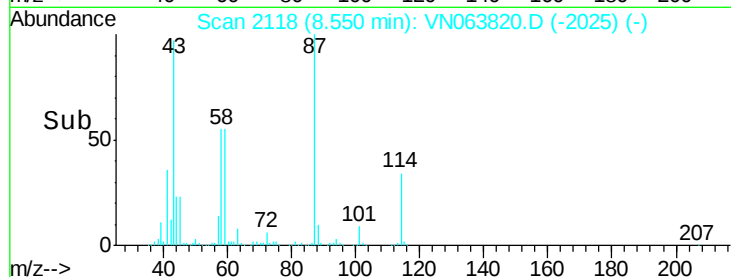
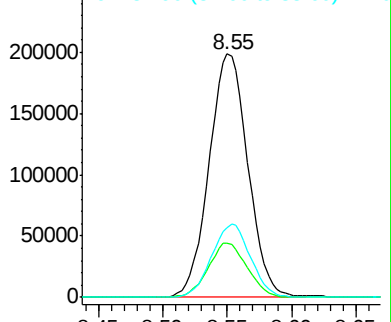
88 28.8 0.0 34.0



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: 45.060 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063820.D

Acq: 2 Oct 2020 14:45

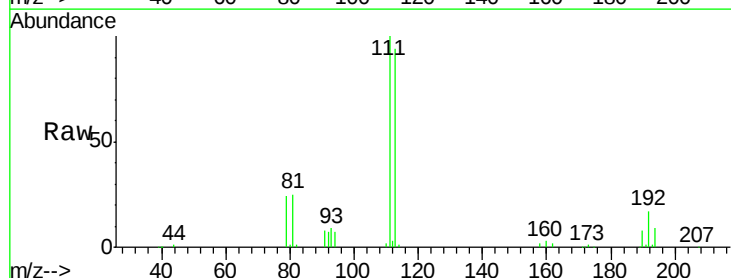
Tgt Ion:113 Resp: 130242

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

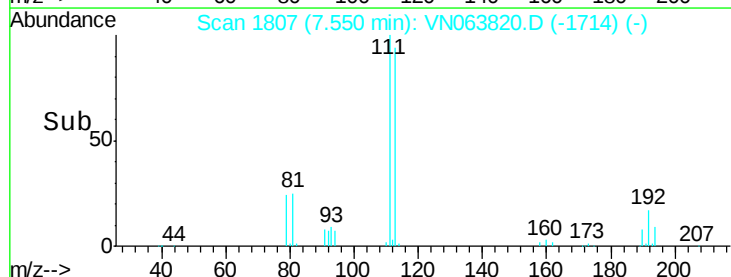
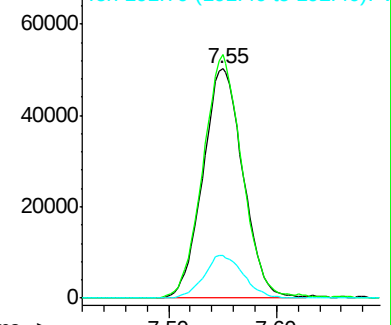
192 18.3 14.2 21.2

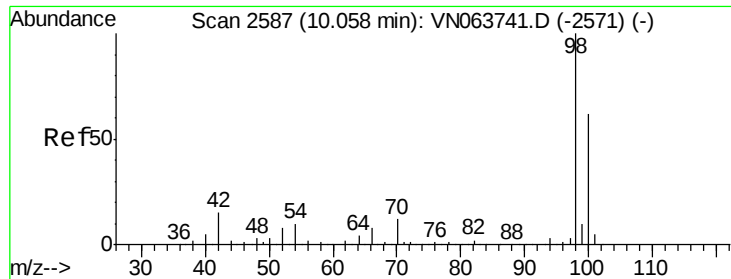


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.179 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063820.D

Acq: 2 Oct 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

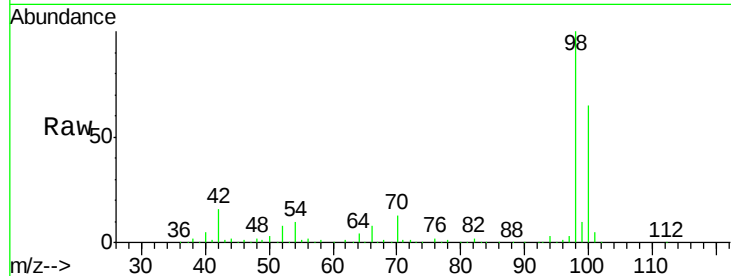
32676DL

Tot Ion: 98 Resp: 505990

Ion Ratio Lower Upper

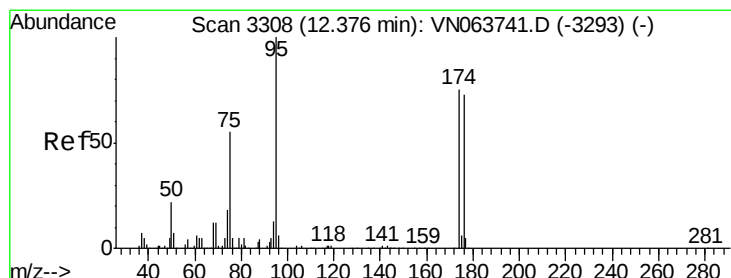
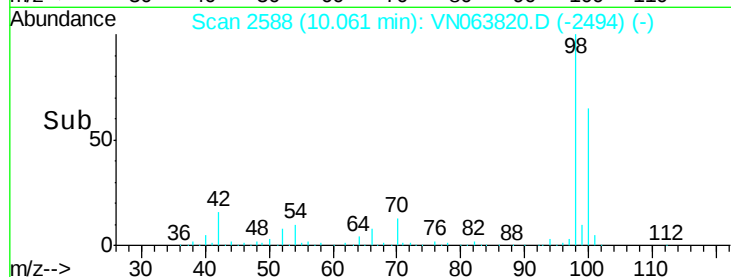
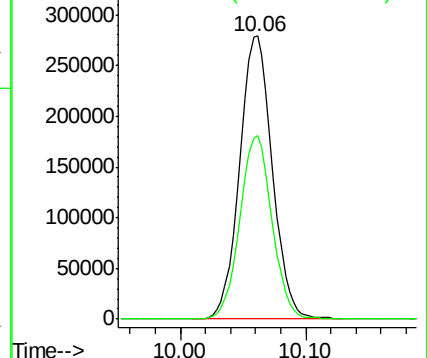
98 100

100 64.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.683 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063820.D

Acq: 2 Oct 2020 14:45

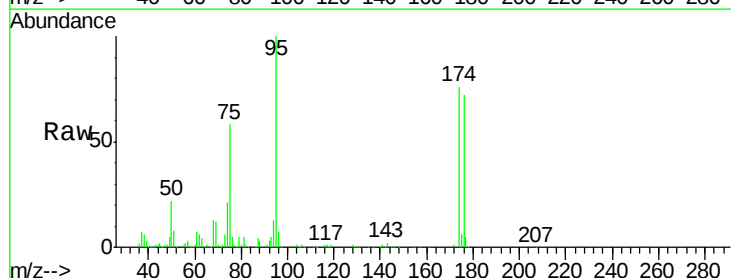
Tgt Ion: 95 Resp: 212875

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

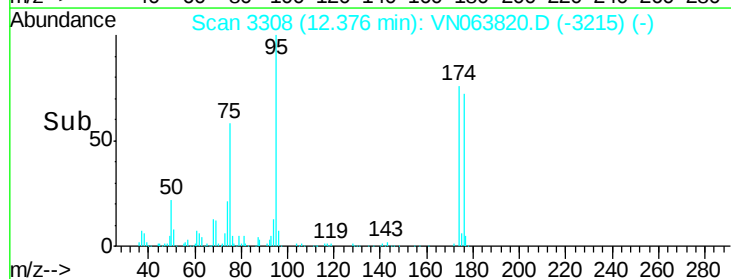
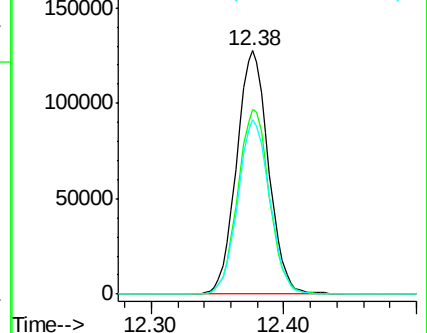
176 71.6 0.0 145.4

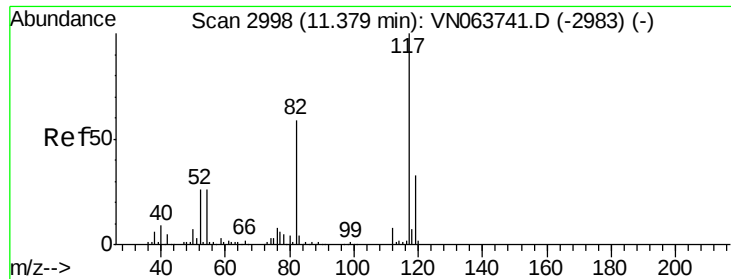


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

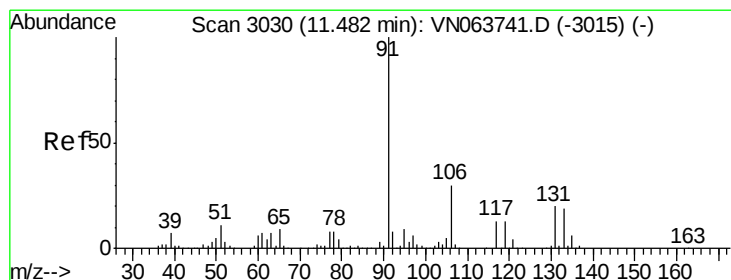
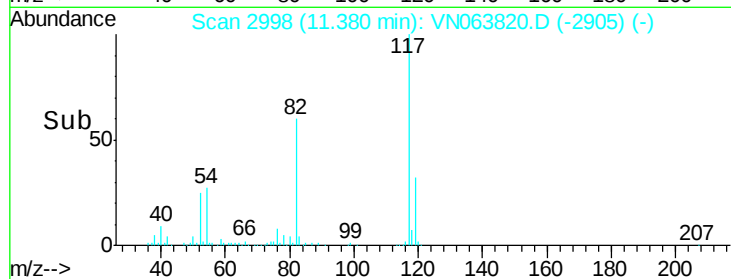
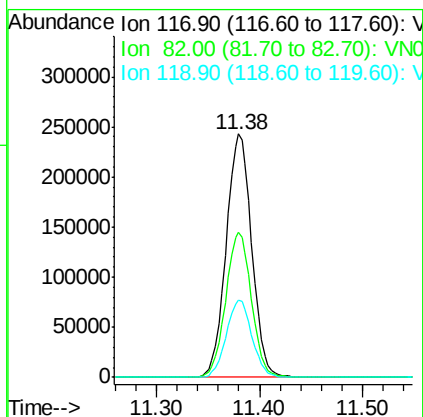
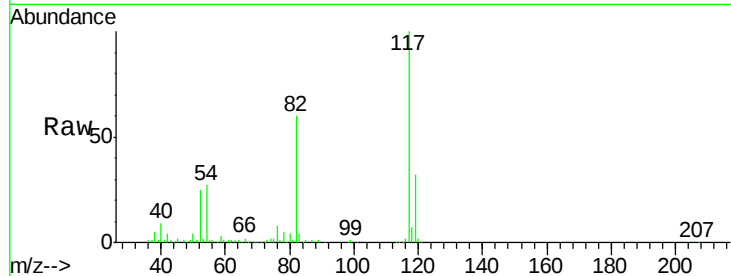




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063820.D
Acq: 2 Oct 2020 14:45

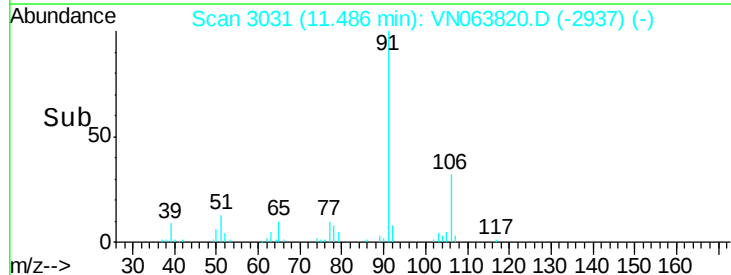
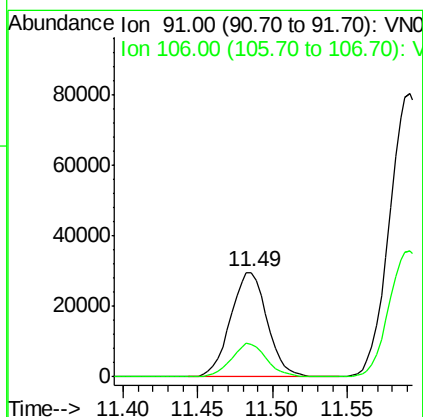
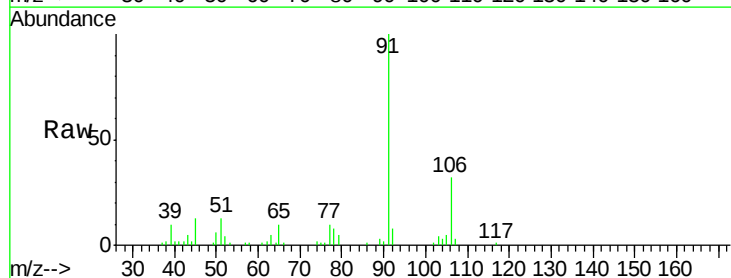
Instrument :
MSVOA_N
ClientSampleId :
32676DL

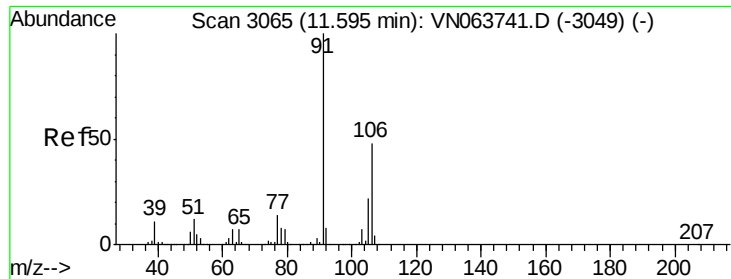
Tot Ion:117 Resp: 419463
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.9 26.4 39.6



#67
Ethyl Benzene
Concen: 3.248 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063820.D
Acq: 2 Oct 2020 14:45

Tgt Ion: 91 Resp: 50861
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2

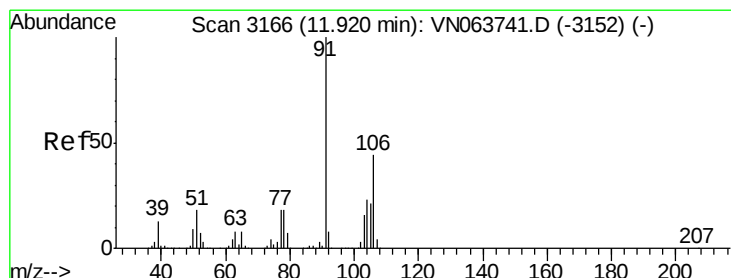
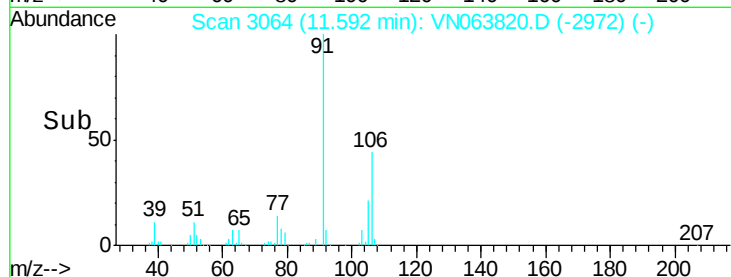
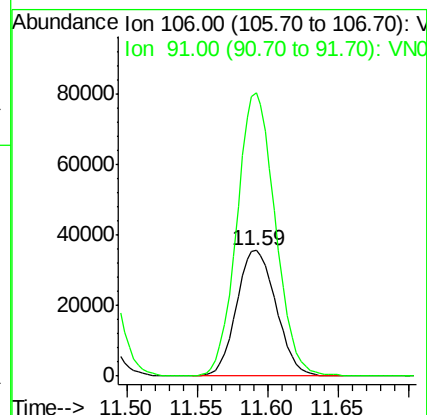
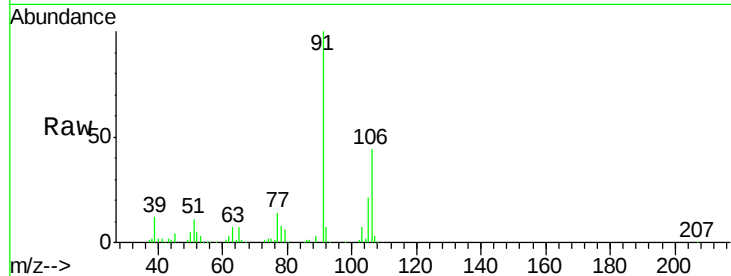




#68
m/p-Xylenes
Concen: 12.030 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063820.D
Acq: 2 Oct 2020 14:45

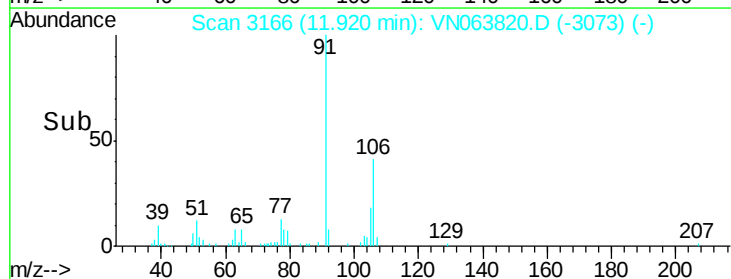
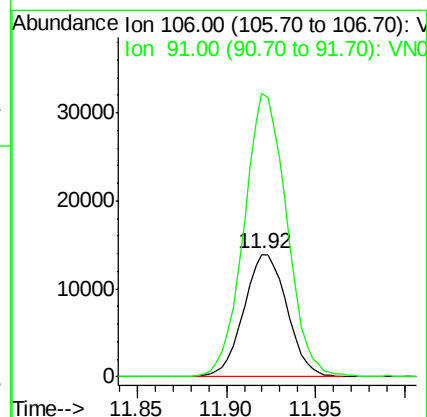
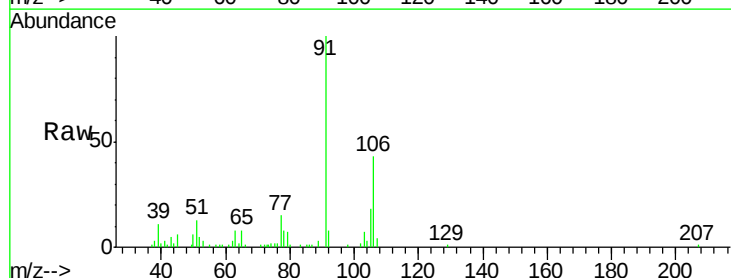
Instrument :
MSVOA_N
ClientSampled :
32676DL

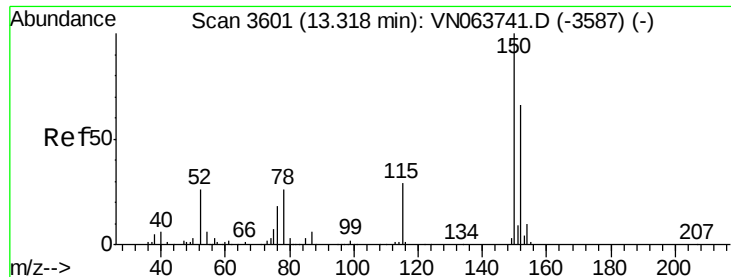
Tot Ion:106 Resp: 70197
Ion Ratio Lower Upper
106 100
91 217.9 168.0 252.0



#69
o-Xylene
Concen: 4.314 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063820.D
Acq: 2 Oct 2020 14:45

Tgt Ion:106 Resp: 23527
Ion Ratio Lower Upper
106 100
91 228.8 112.7 338.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063820.D

Acq: 2 Oct 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

32676DL

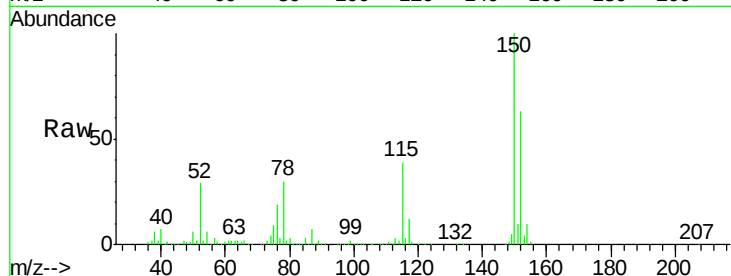
Tot Ion:152 Resp: 180702

Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.8

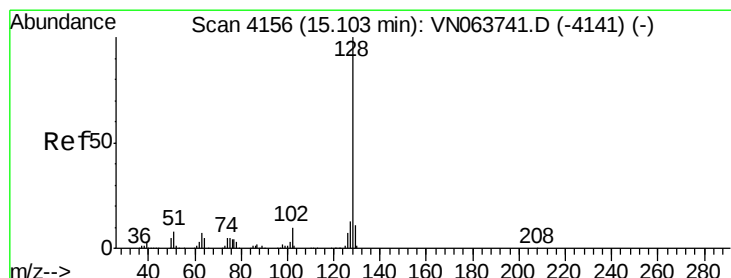
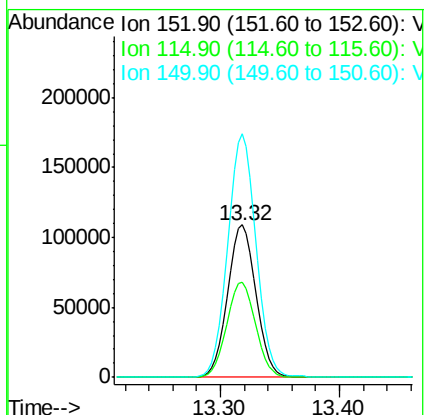
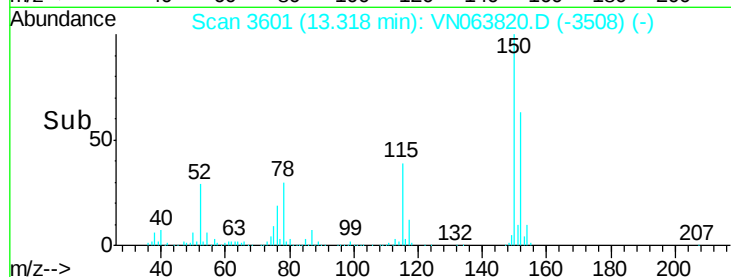
150 158.9 0.0 341.8



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



#95

Naphthalene

Concen: 4.779 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063820.D

Acq: 2 Oct 2020 14:45

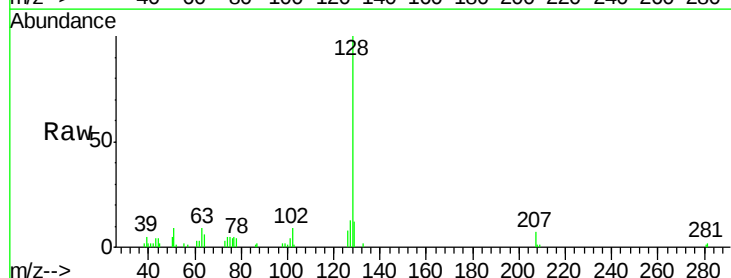
Tgt Ion:128 Resp: 28949

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

