

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064554.D
 Acq On : 11 Nov 2020 14:49
 Operator : JC/MD
 Sample : L4684-04DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-418-420DL

Quant Time: Nov 12 02:23:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

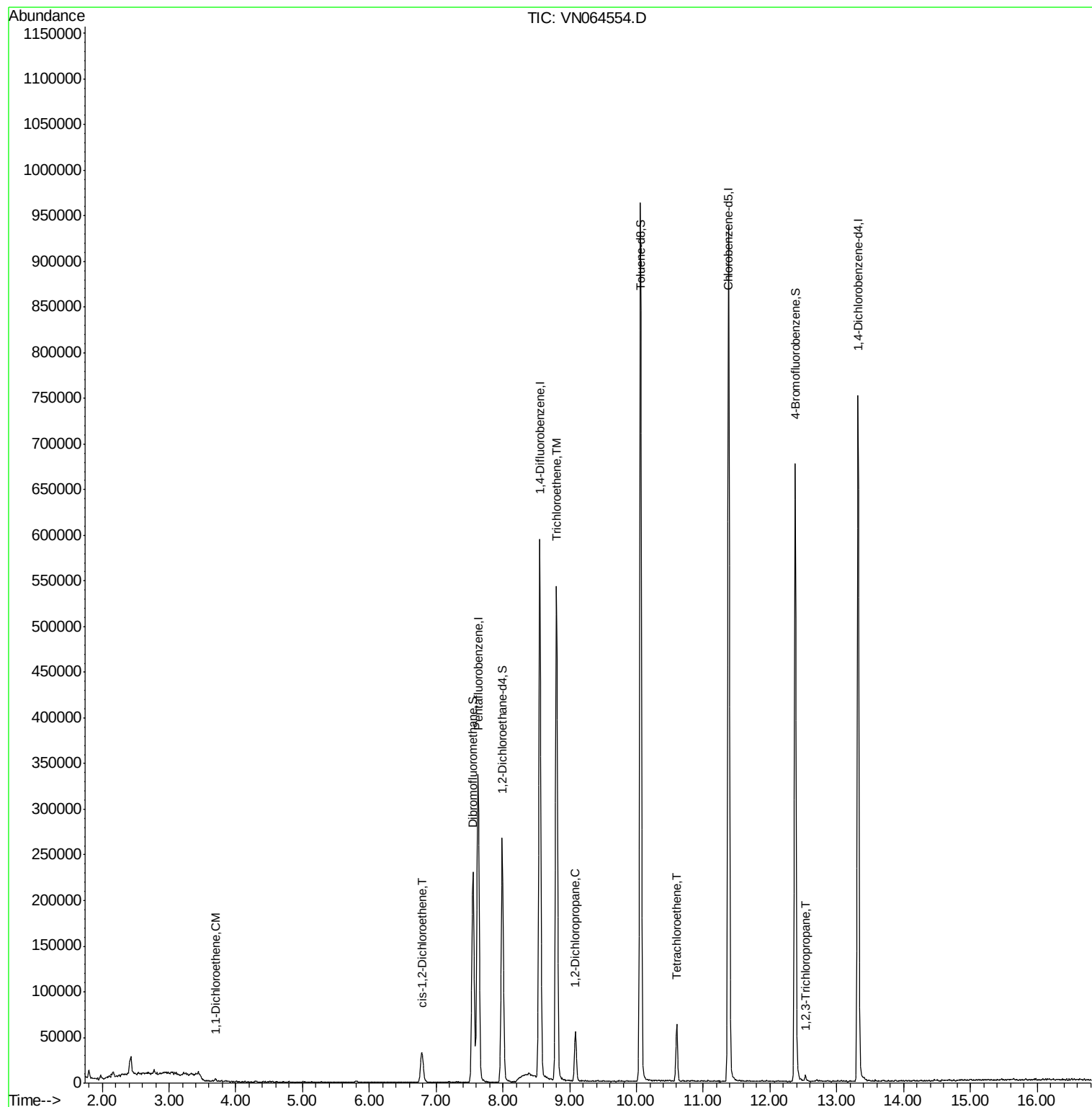
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	507534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	240246	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	
35) Dibromofluoromethane	7.55	113	175328	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
50) Toluene-d8	10.06	98	637398	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	235605	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
Target Compounds						
12) 1,1-Dichloroethene	3.69	96	1177	0.451	ug/l	89
27) cis-1,2-Dichloroethene	6.78	96	18440	5.368	ug/l	85
44) Trichloroethene	8.80	130	189374	49.581	ug/l	98
45) 1,2-Dichloropropane	9.08	63	19324	4.784	ug/l	91
64) Tetrachloroethene	10.60	164	13443	3.439	ug/l	91
76) 1,2,3-Trichloropropane	12.53	75	2806m	0.629	ug/l	

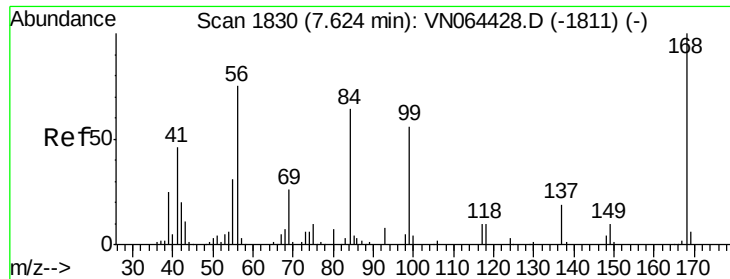
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064554.D

Acq: 11 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

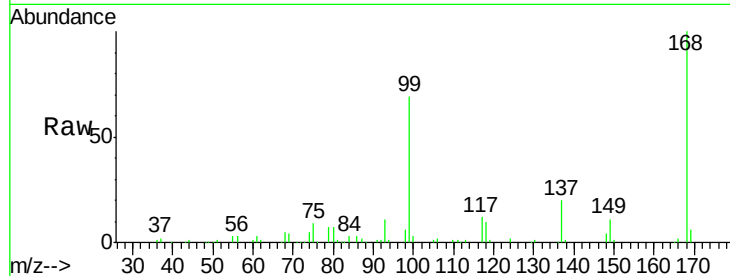
BP-VPB178-GW-418-420DL

Tot Ion:168 Resp: 244117

Ion Ratio Lower Upper

168 100

99 68.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

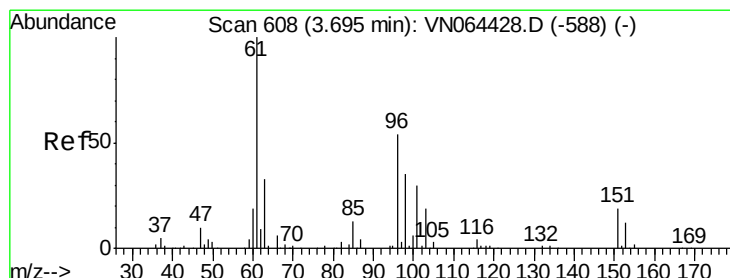
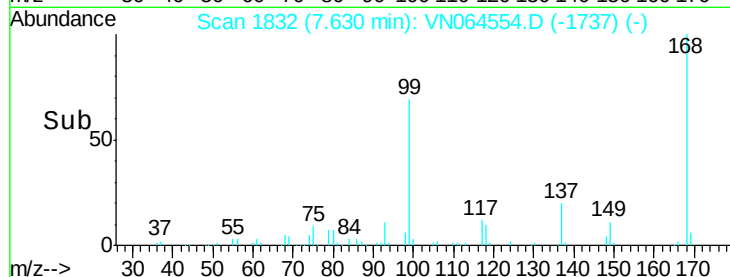
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#12

1,1-Dichloroethene

Concen: 0.451 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064554.D

Acq: 11 Nov 2020 14:49

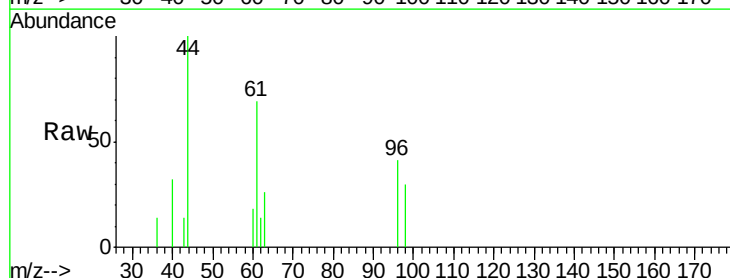
Tgt Ion: 96 Resp: 1177

Ion Ratio Lower Upper

96 100

61 170.4 149.5 224.3

98 73.1 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

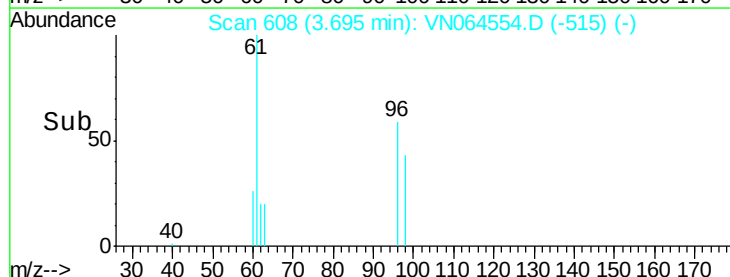
3.69

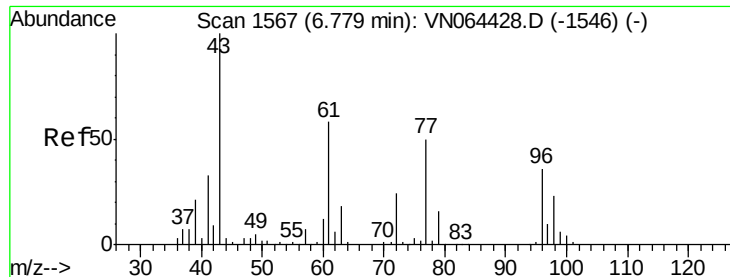
1000

500

0

Time--> 3.65 3.70 3.75





#27

cis-1,2-Dichloroethene

Concen: 5.368 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064554.D

Acq: 11 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-418-420DL

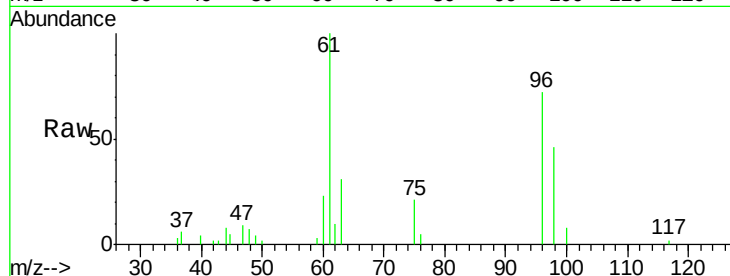
Tot Ion: 96 Resp: 18440

Ion Ratio Lower Upper

96 100

61 137.9 0.0 329.6

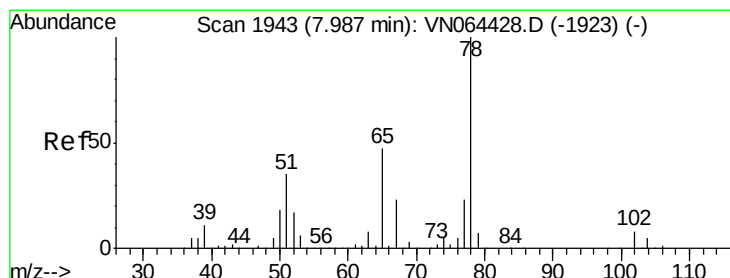
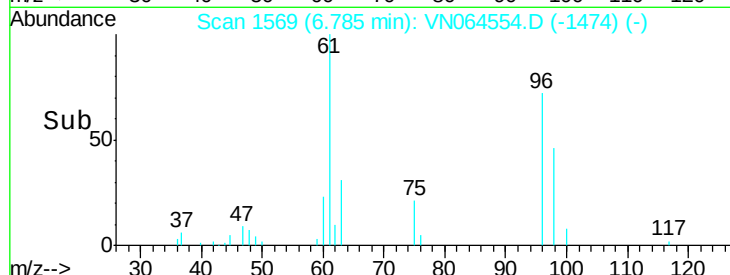
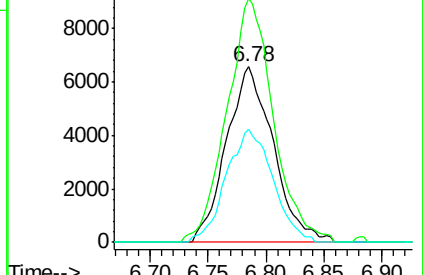
98 64.1 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.500 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064554.D

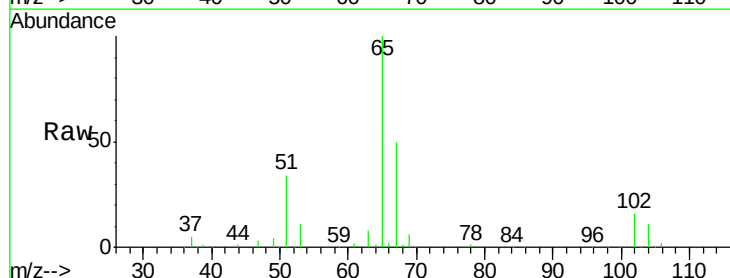
Acq: 11 Nov 2020 14:49

Tgt Ion: 65 Resp: 240246

Ion Ratio Lower Upper

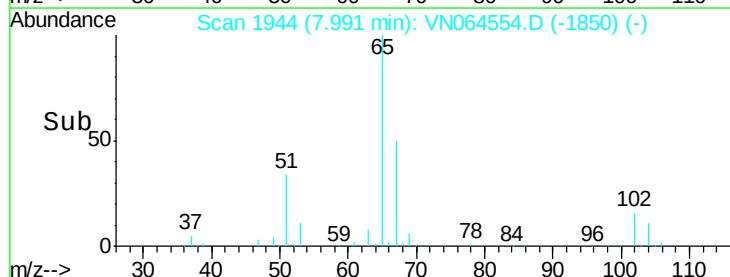
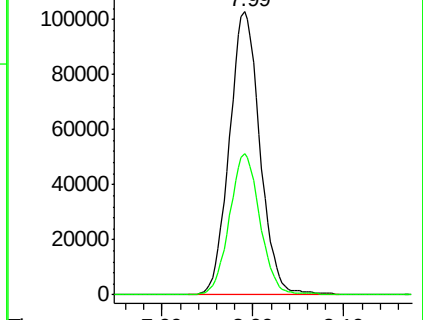
65 100

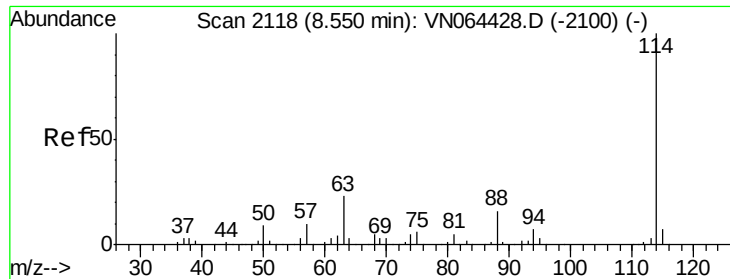
67 49.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

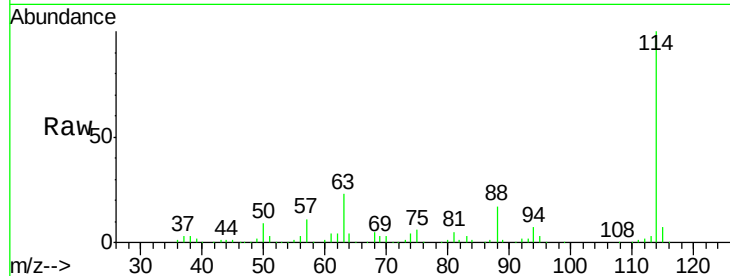




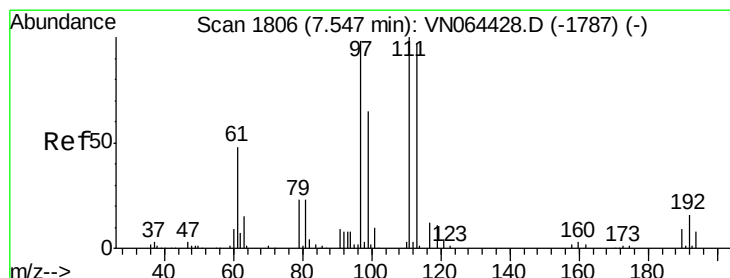
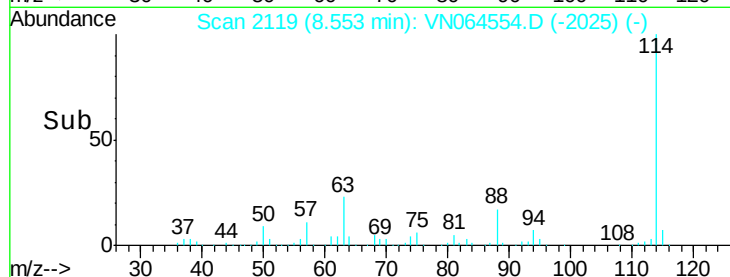
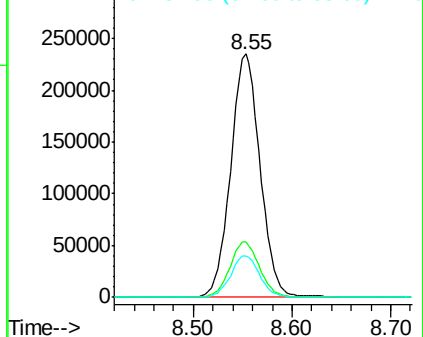
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064554.D
Acq: 11 Nov 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-418-420DL

Tot Ion:114 Resp: 487668
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.6
88 16.8 0.0 32.8

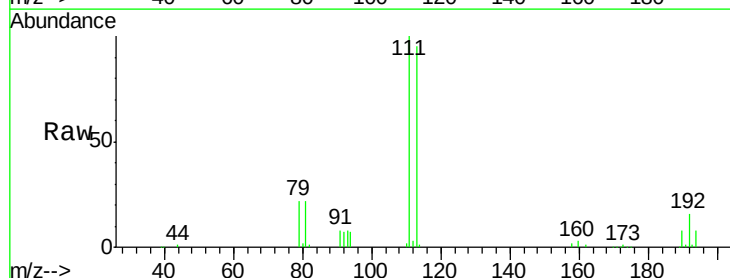


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

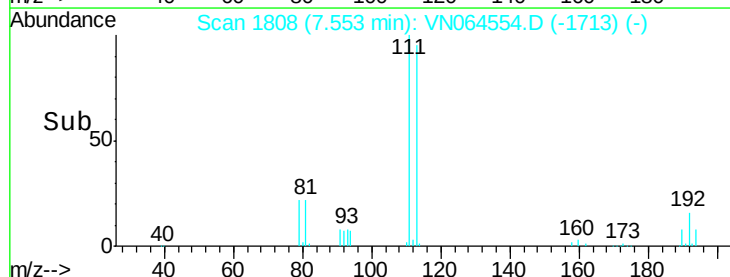
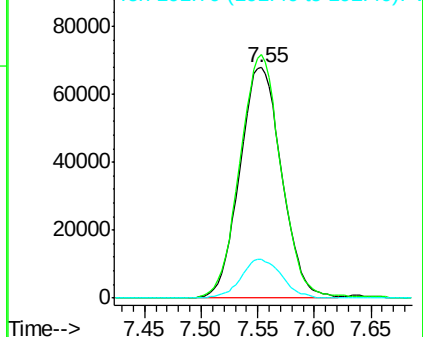


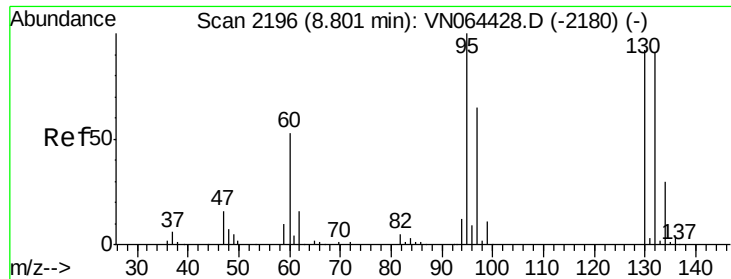
#35
Dibromofluoromethane
Concen: 52.804 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064554.D
Acq: 11 Nov 2020 14:49

Tgt Ion:113 Resp: 175328
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 16.4 12.8 19.2



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





#44

Trichloroethene

Concen: 49.581 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064554.D

Acq: 11 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

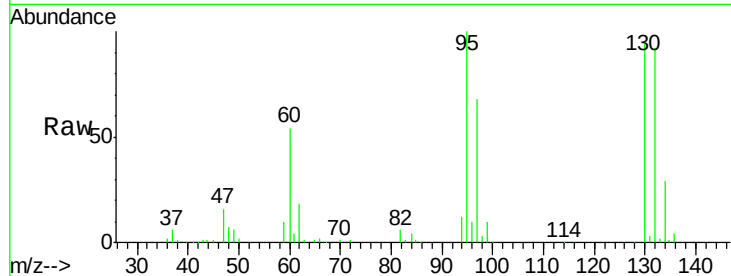
BP-VPB178-GW-418-420DL

Tot Ion:130 Resp: 189374

Ion Ratio Lower Upper

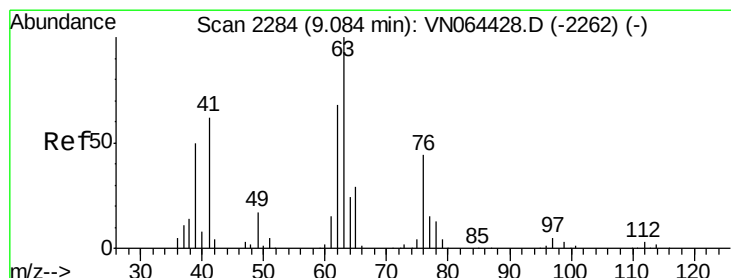
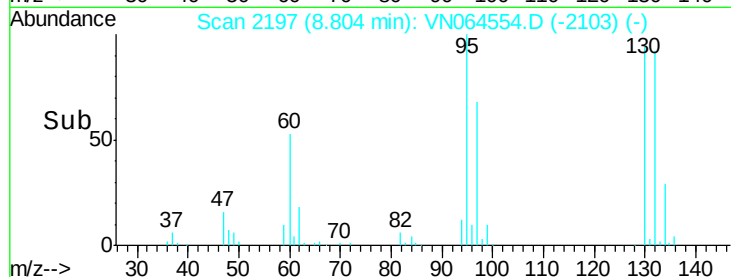
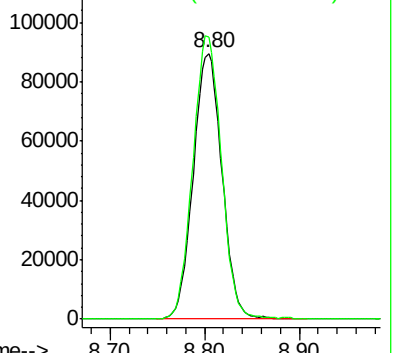
130 100

95 106.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 4.784 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064554.D

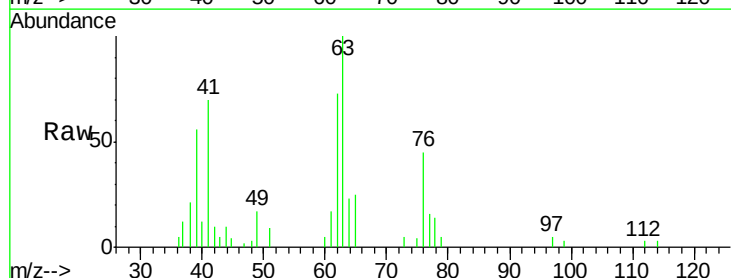
Acq: 11 Nov 2020 14:49

Tgt Ion: 63 Resp: 19324

Ion Ratio Lower Upper

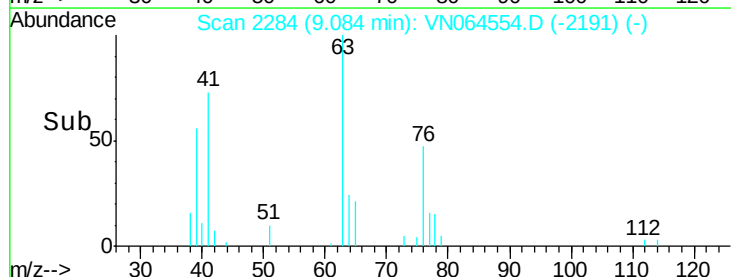
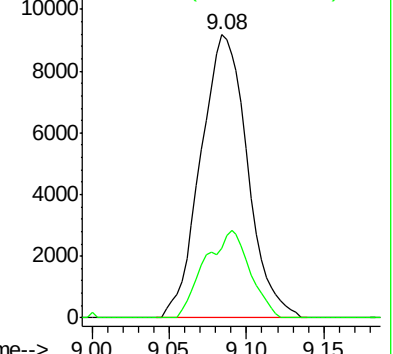
63 100

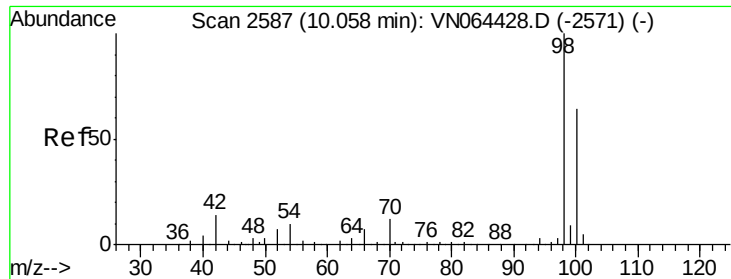
65 24.6 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#50

Toluene-d8

Concen: 49.668 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064554.D

Acq: 11 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

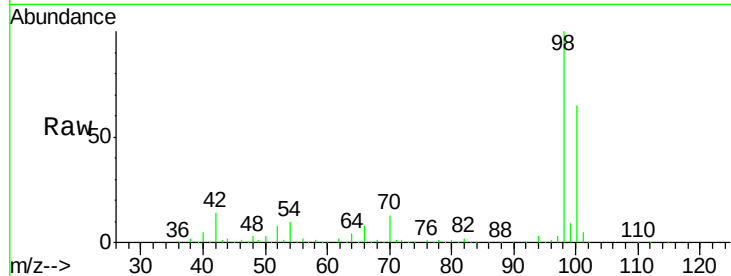
BP-VPB178-GW-418-420DL

Tot Ion: 98 Resp: 637398

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

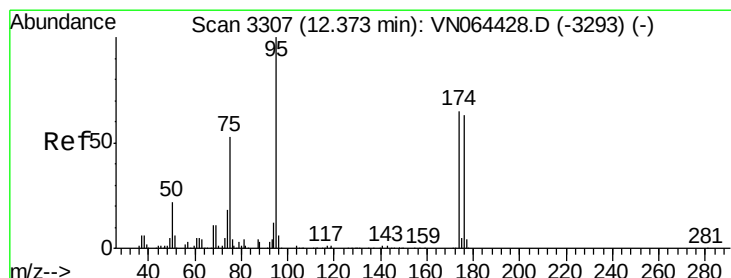
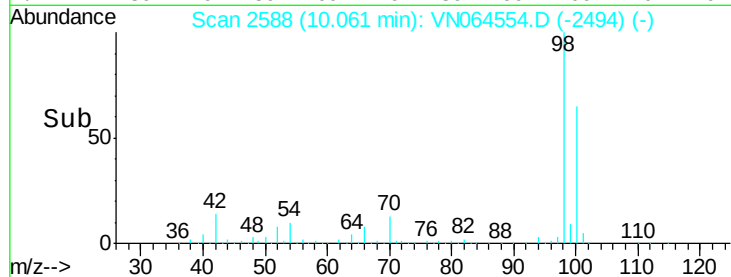
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.545 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064554.D

Acq: 11 Nov 2020 14:49

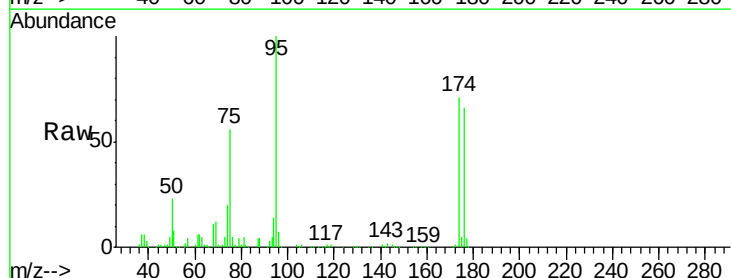
Tgt Ion: 95 Resp: 235605

Ion Ratio Lower Upper

95 100

174 71.8 0.0 132.6

176 66.4 0.0 129.2



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

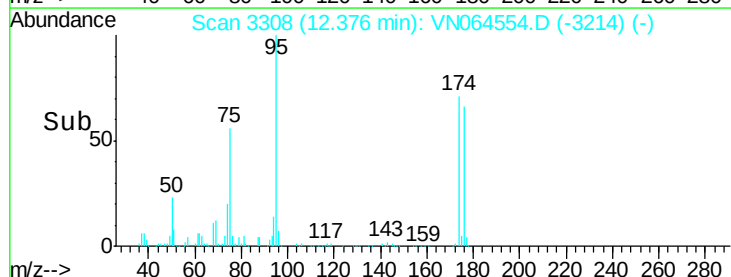
150000

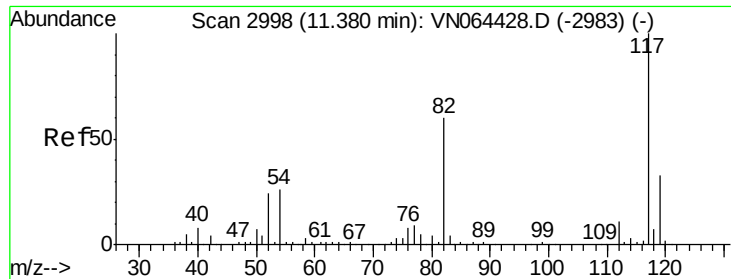
100000

50000

0

Time-->

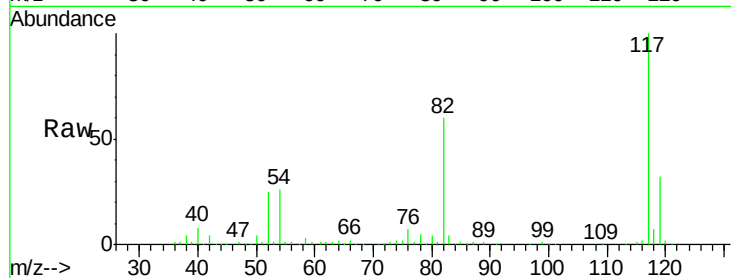




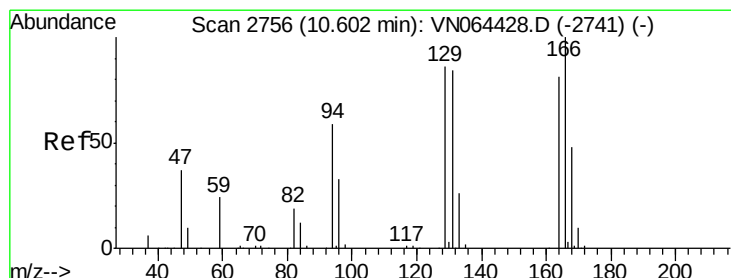
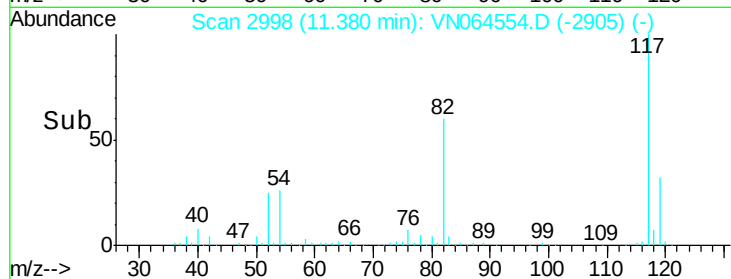
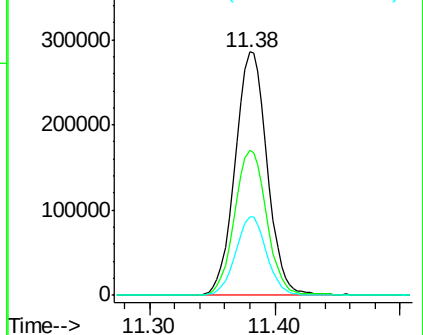
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064554.D
Acq: 11 Nov 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-418-420DL

Tot Ion:117 Resp: 507534
Ion Ratio Lower Upper
117 100
82 59.5 48.1 72.1
119 32.4 26.2 39.4



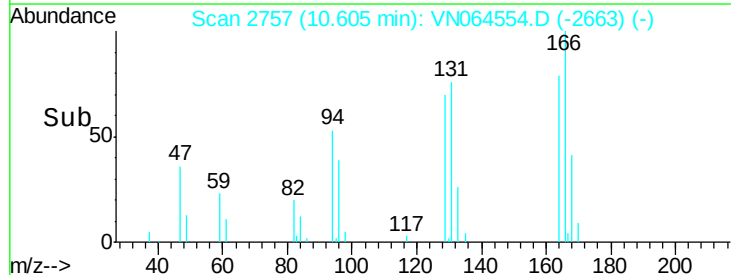
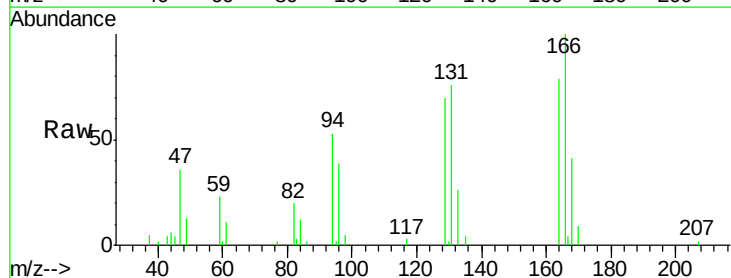
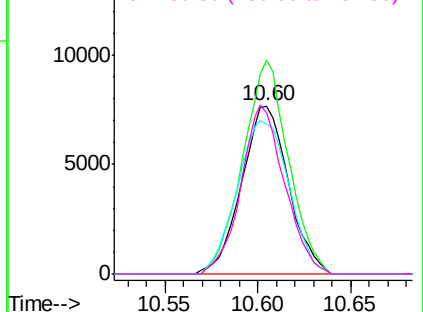
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

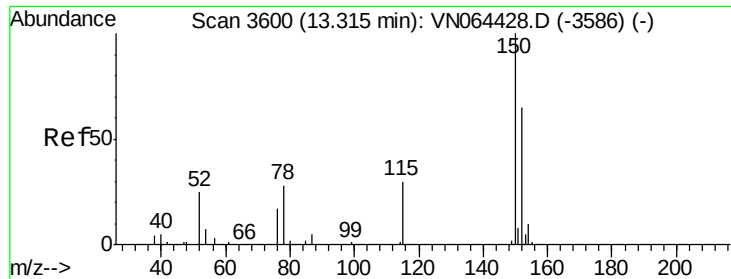


#64
Tetrachloroethene
Concen: 3.439 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064554.D
Acq: 11 Nov 2020 14:49

Tgt Ion:164 Resp: 13443
Ion Ratio Lower Upper
164 100
166 127.4 98.2 147.2
129 89.1 84.6 127.0
131 96.4 82.2 123.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064554.D

Acq: 11 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-418-420DL

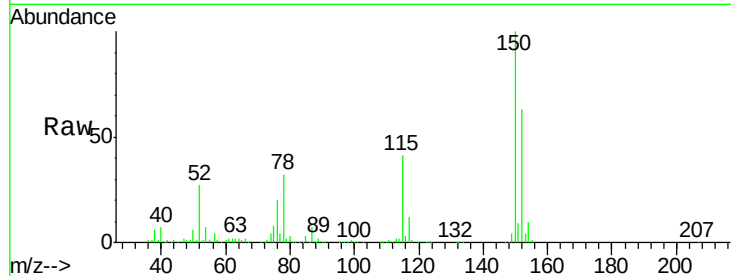
Tot Ion:152 Resp: 184215

Ion Ratio Lower Upper

152 100

115 65.6 32.0 96.0

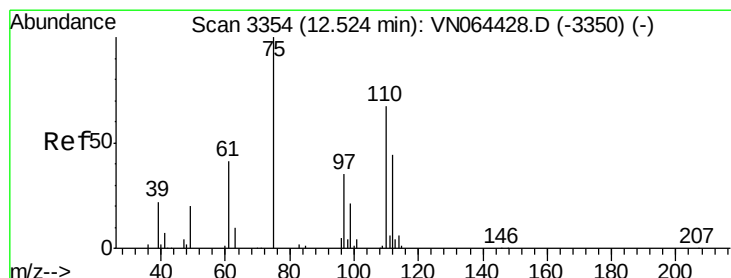
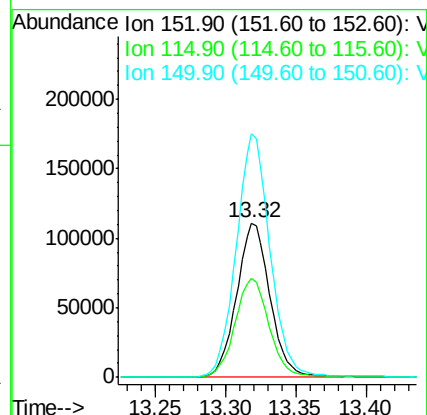
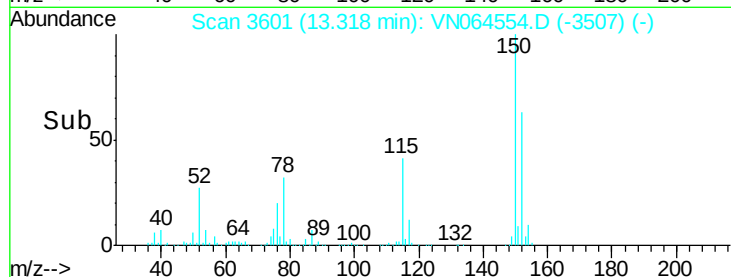
150 160.4 0.0 353.8



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



#76

1,2,3-Trichloropropane

Concen: 0.629 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064554.D

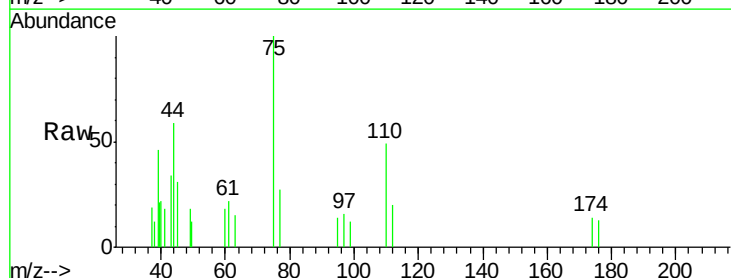
Acq: 11 Nov 2020 14:49

Tgt Ion: 75 Resp: 2806

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

