

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063601.D
 Acq On : 23 Sep 2020 20:06
 Operator : JC/MD
 Sample : L4083-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D3-20200917

Quant Time: Sep 24 04:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

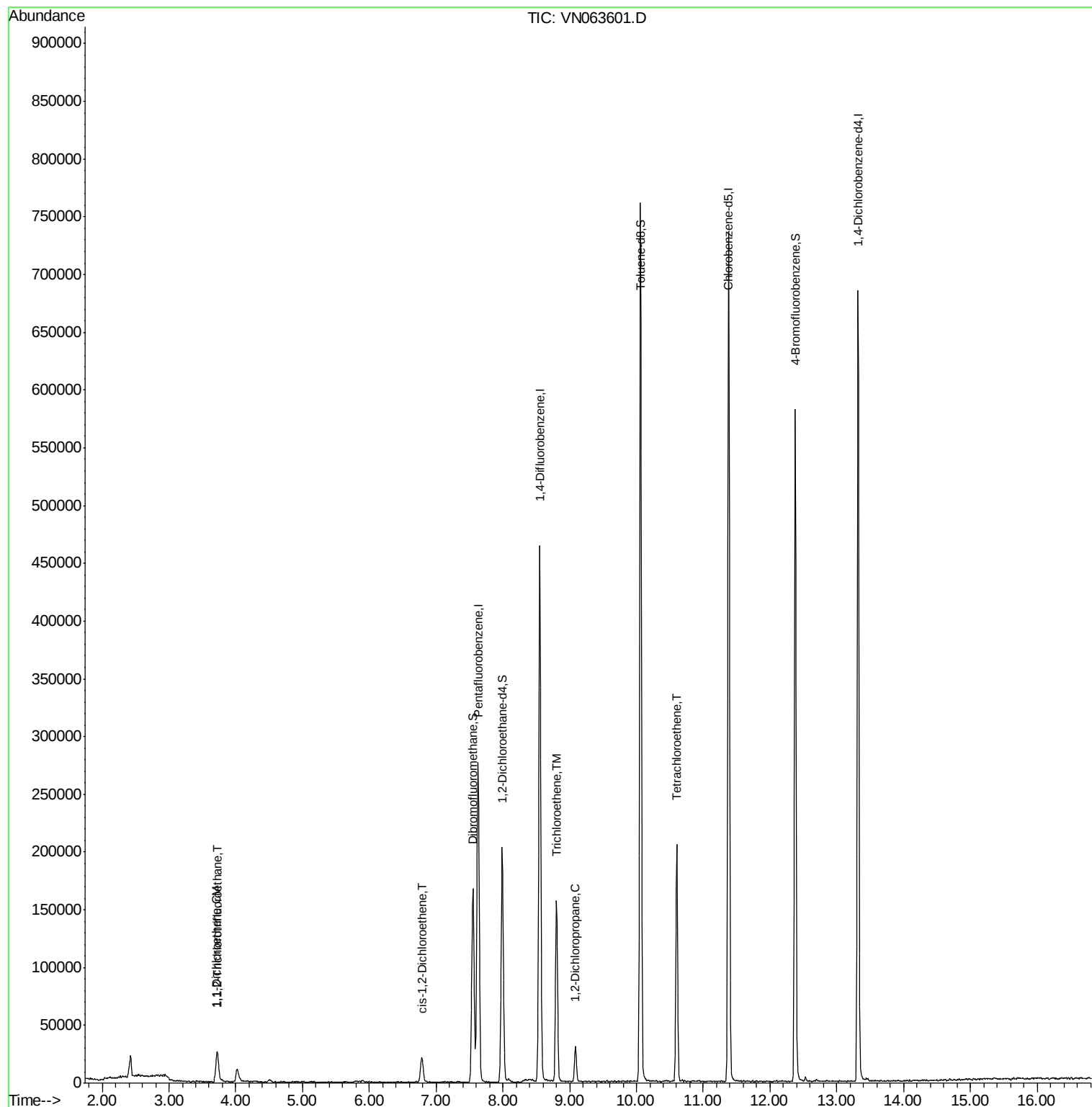
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	383606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177190	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	7.55	113	125689	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	10.06	98	493800	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.38	95	194288	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	14712	6.444	ug/l	95
12) 1,1-Dichloroethene	3.71	96	1513	0.654	ug/l #	75
27) cis-1,2-Dichloroethene	6.79	96	13102	4.518	ug/l	88
44) Trichloroethene	8.80	130	51713	18.276	ug/l	99
45) 1,2-Dichloropropane	9.09	63	11382	3.582	ug/l	97
64) Tetrachloroethene	10.60	164	43284	16.431	ug/l	97

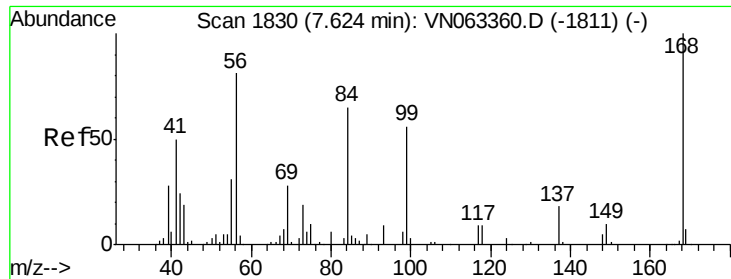
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063601.D

Acq: 23 Sep 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

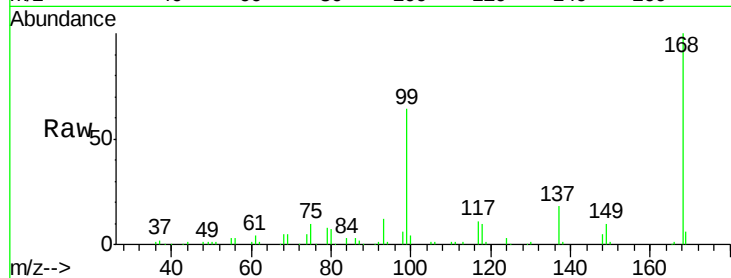
RE135D3-20200917

Tot Ion:168 Resp: 204914

Ion Ratio Lower Upper

168 100

99 63.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

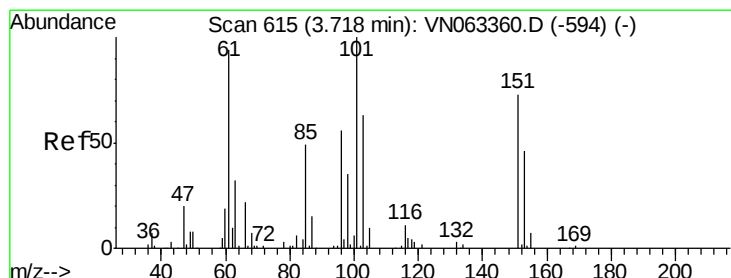
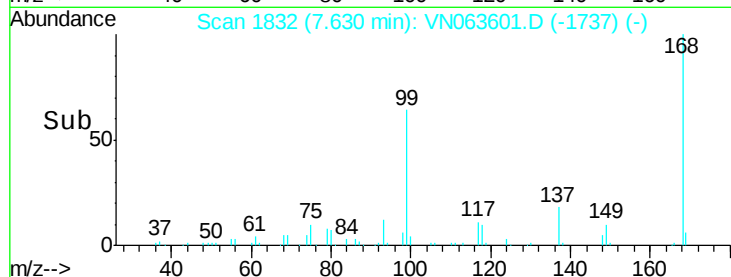
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.444 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063601.D

Acq: 23 Sep 2020 20:06

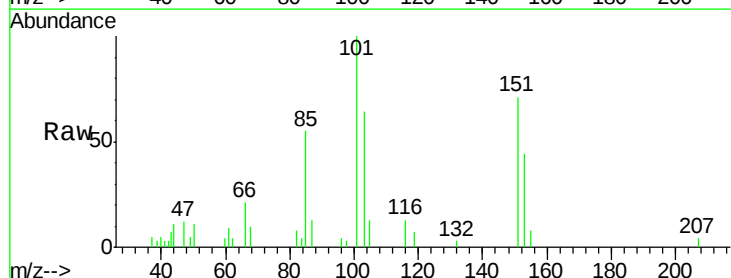
Tgt Ion:101 Resp: 14712

Ion Ratio Lower Upper

101 100

85 52.6 37.7 56.5

151 70.1 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.72

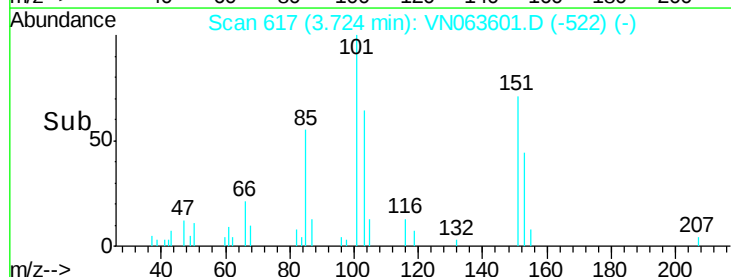
6000

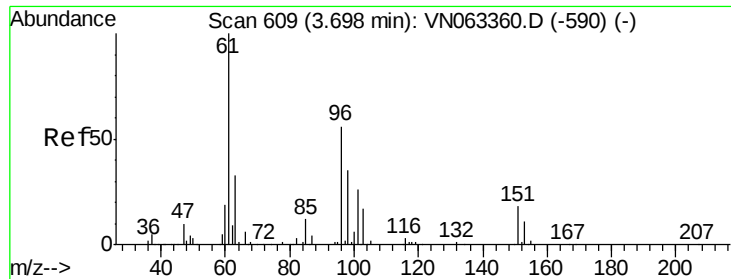
4000

2000

0

Time-->

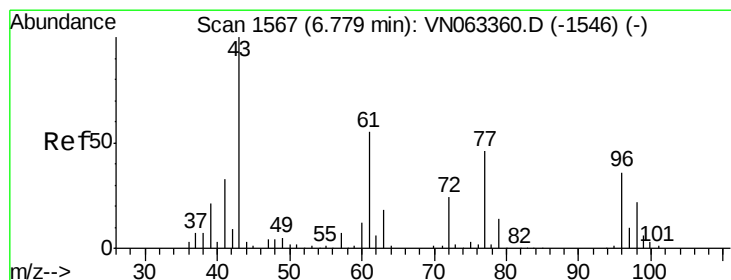
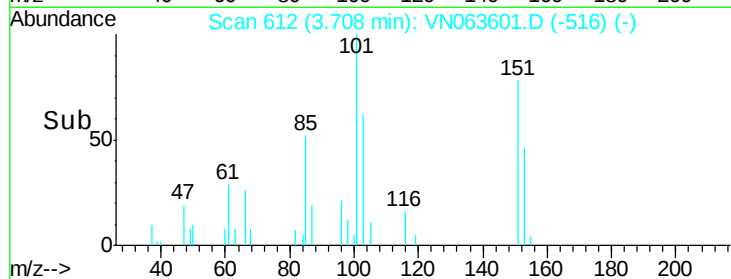
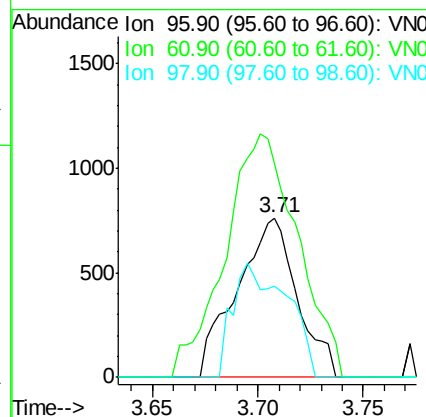
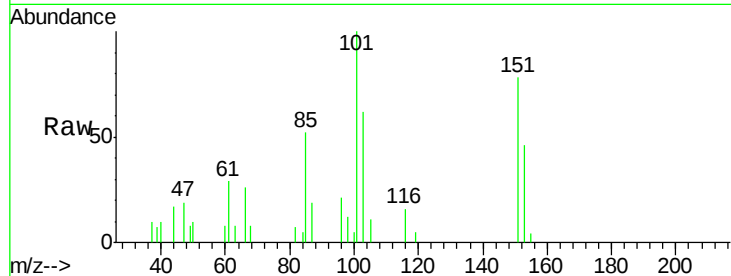




#12
 1,1-Dichloroethene
 Concen: 0.654 ug/l
 RT: 3.71 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VN063601.D
 Acq: 23 Sep 2020 20:06

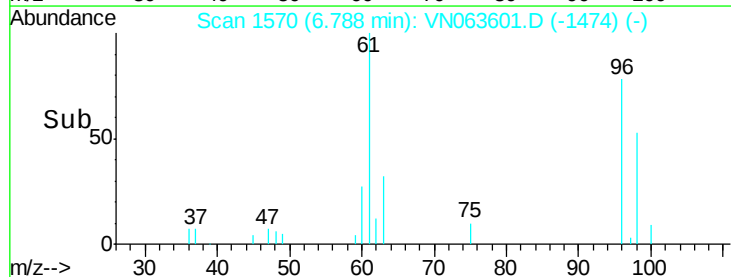
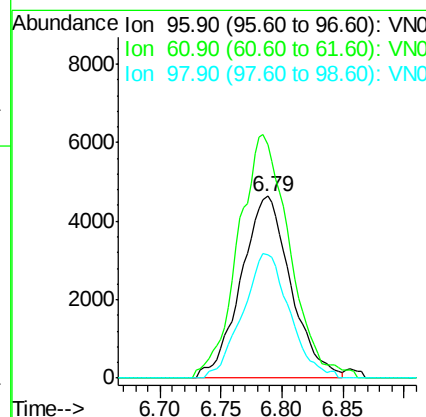
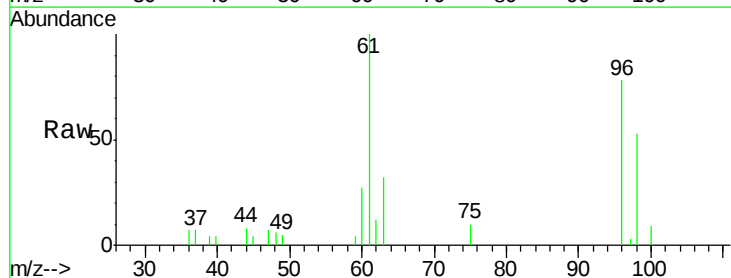
Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D3-20200917

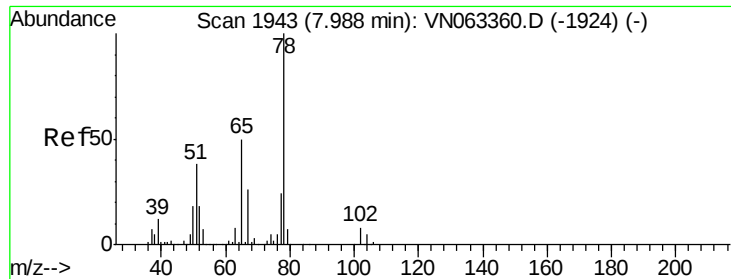
Tot Ion	96	Resp	1513
Ion	Ratio	Lower	Upper
96	100		
61	134.6	143.4	215.2#
98	57.0	50.6	76.0



#27
 cis-1,2-Dichloroethene
 Concen: 4.518 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN063601.D
 Acq: 23 Sep 2020 20:06

Tgt Ion	96	Resp	13102
Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	319.6
98	64.3	0.0	127.8





#33

1,2-Dichloroethane-d4

Concen: 50.797 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063601.D

Acq: 23 Sep 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

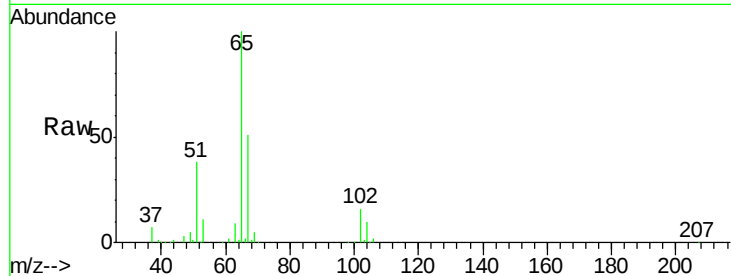
RE135D3-20200917

Tot Ion: 65 Resp: 177190

Ion Ratio Lower Upper

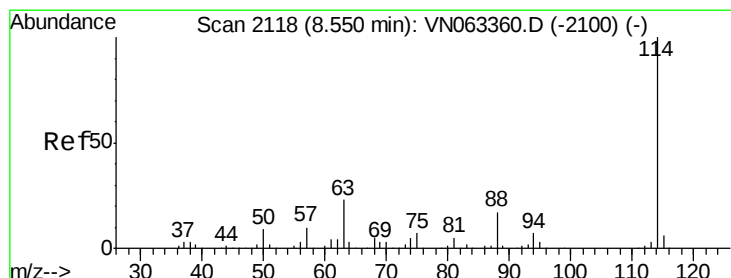
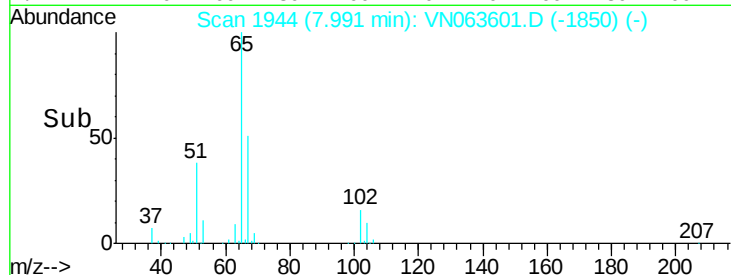
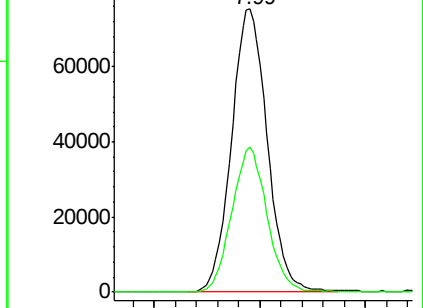
65 100

67 50.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063601.D

Acq: 23 Sep 2020 20:06

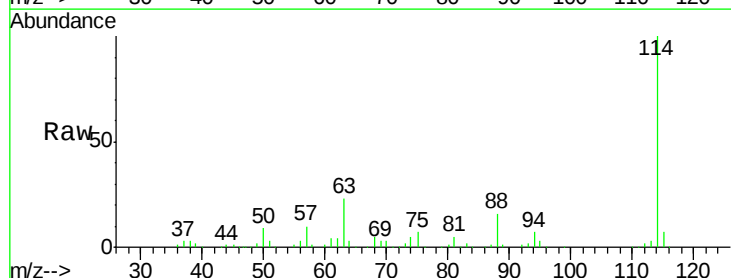
Tgt Ion: 114 Resp: 383606

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.4

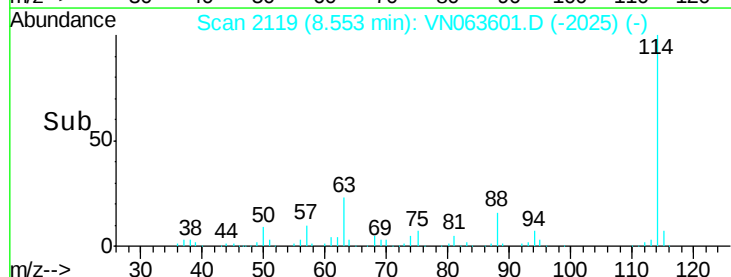
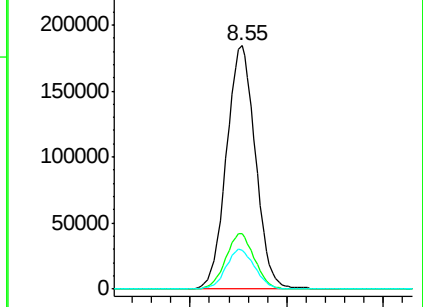
88 15.9 0.0 33.2

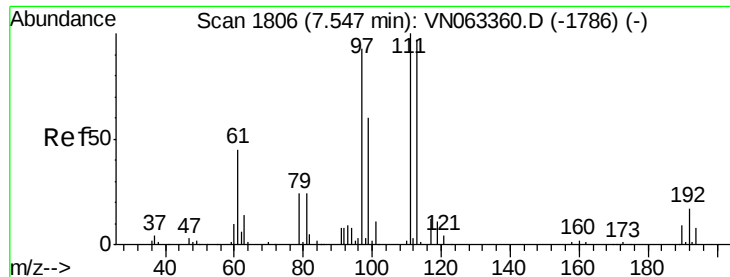


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

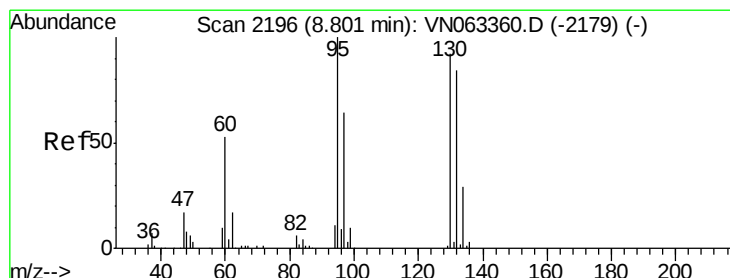
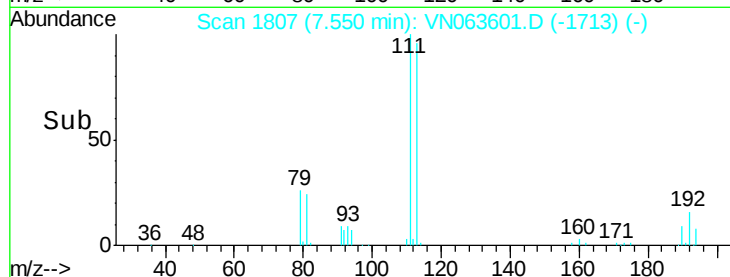
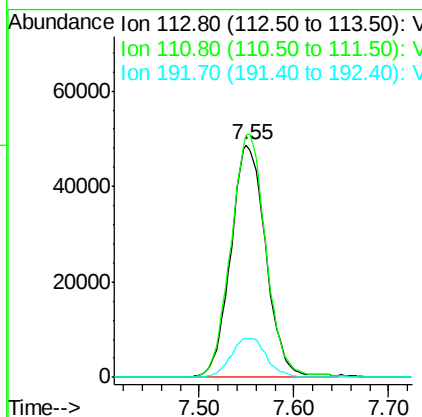
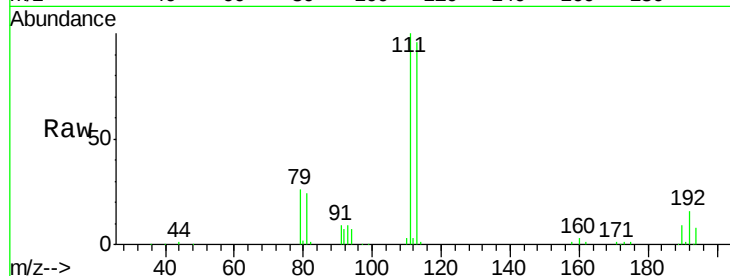




#35
Dibromofluoromethane
Concen: 47.329 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063601.D
Acq: 23 Sep 2020 20:06

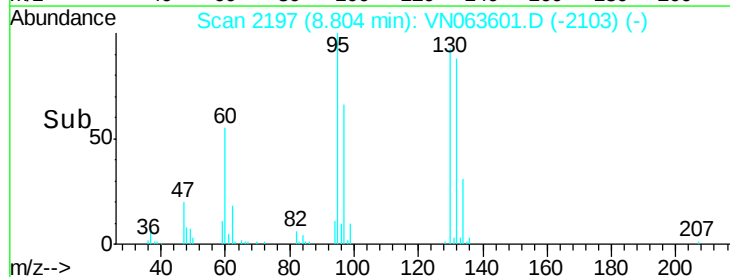
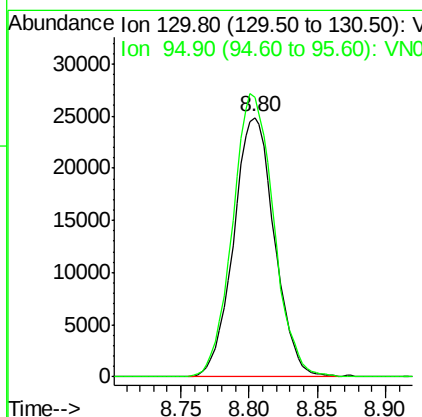
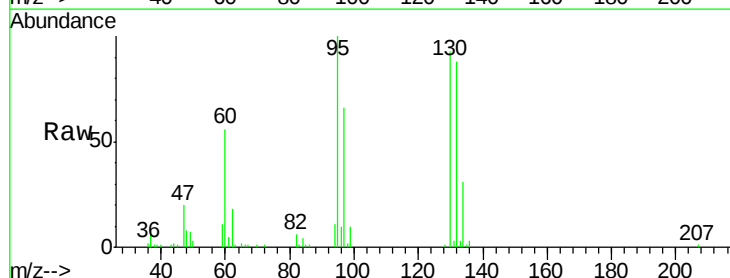
Instrument :
MSVOA_N
ClientSampleId :
RE135D3-20200917

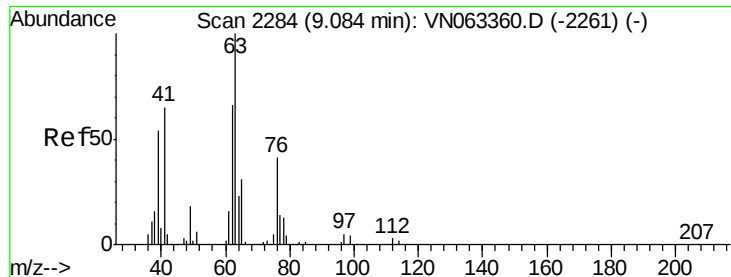
Tot Ion:113 Resp: 125689
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.2 13.9 20.9



#44
Trichloroethene
Concen: 18.276 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063601.D
Acq: 23 Sep 2020 20:06

Tgt Ion:130 Resp: 51713
Ion Ratio Lower Upper
130 100
95 108.1 0.0 217.4

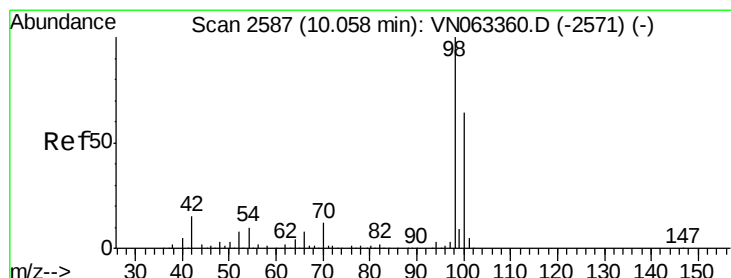
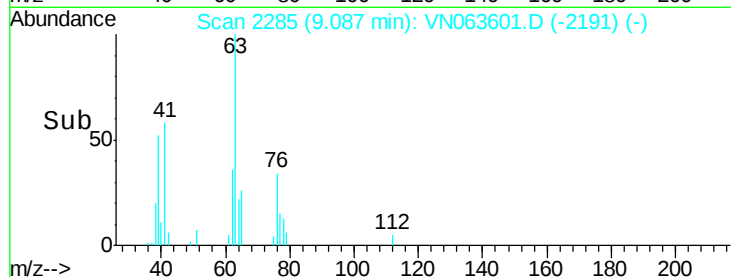
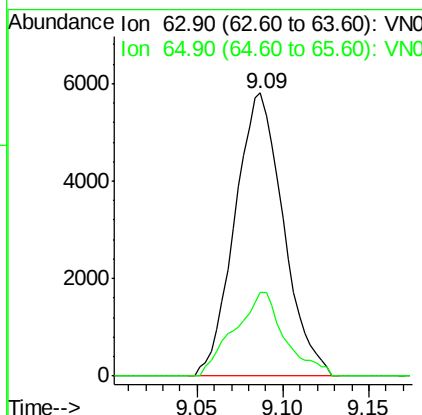
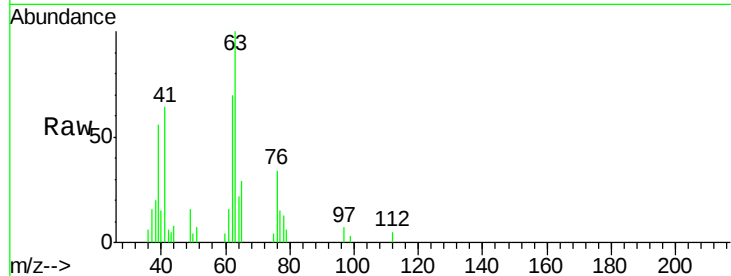




#45
 1,2-Dichloropropane
 Concen: 3.582 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063601.D
 Acq: 23 Sep 2020 20:06

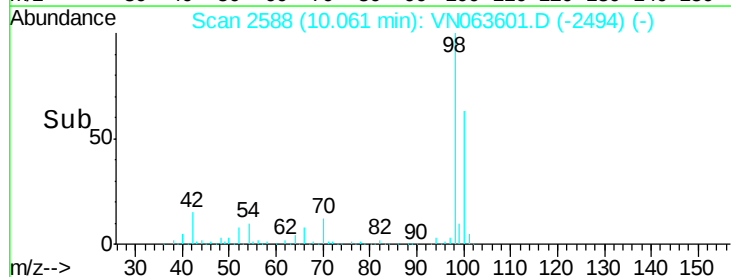
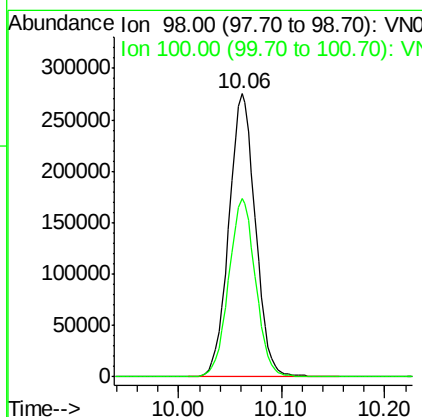
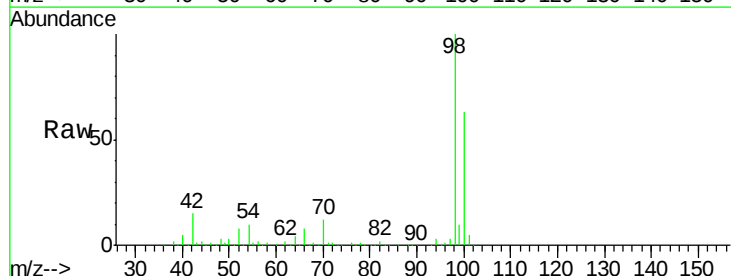
Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D3-20200917

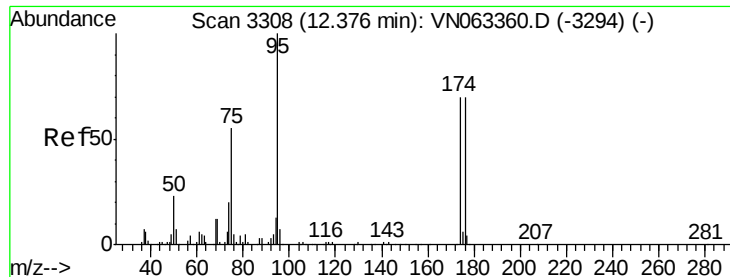
Tot Ion: 63 Resp: 11382
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.6



#50
 Toluene-d8
 Concen: 49.451 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063601.D
 Acq: 23 Sep 2020 20:06

Tgt Ion: 98 Resp: 493800
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 53.076 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063601.D

Acq: 23 Sep 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

RE135D3-20200917

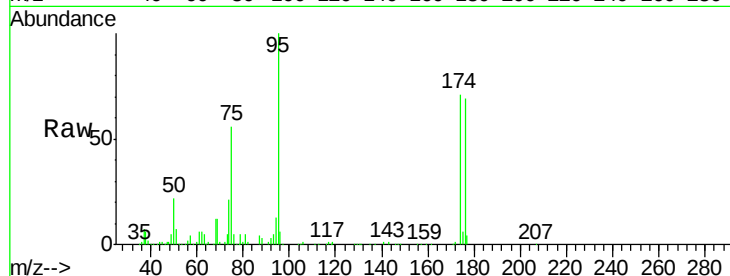
Tot Ion: 95 Resp: 194288

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.8

176 68.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

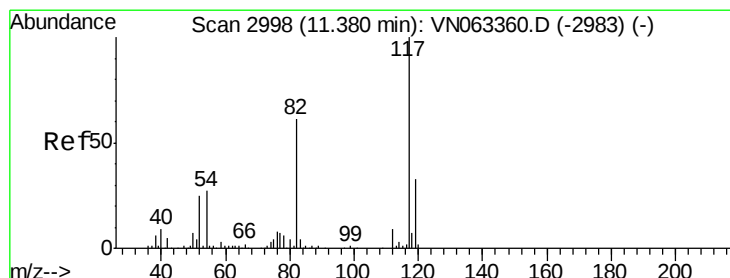
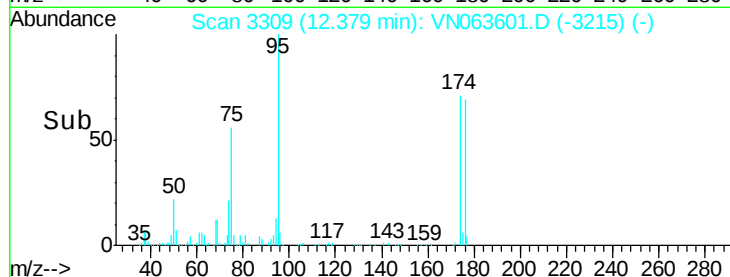
12.38

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063601.D

Acq: 23 Sep 2020 20:06

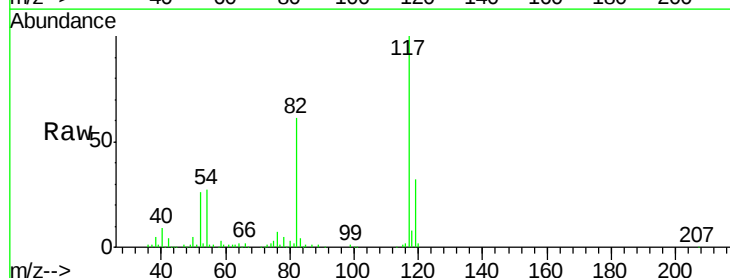
Tgt Ion: 117 Resp: 386877

Ion Ratio Lower Upper

117 100

82 60.6 49.2 73.8

119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)

11.38

300000

250000

200000

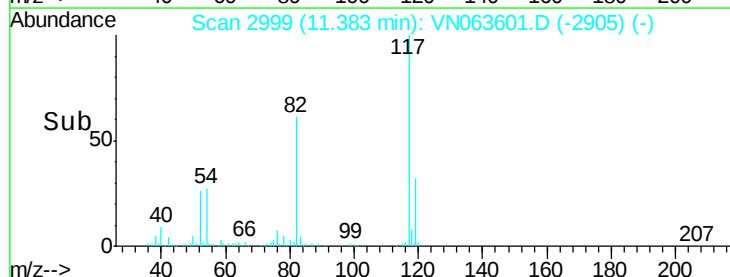
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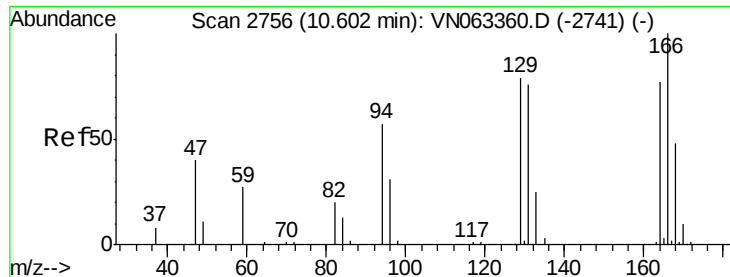
100000

50000

0

Time-->





#64

Tetrachloroethene

Concen: 16.431 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063601.D

Acq: 23 Sep 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

RE135D3-20200917

Tot Ion:164 Resp: 43284

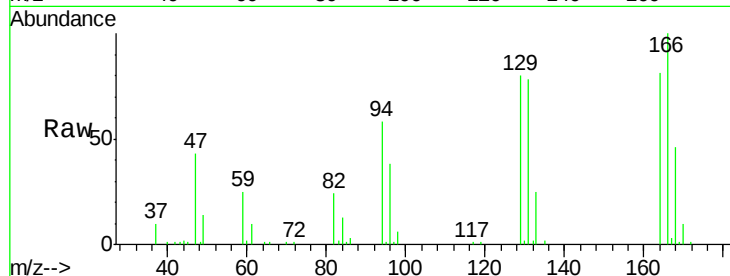
Ion Ratio Lower Upper

164 100

166 123.3 103.4 155.0

129 98.9 81.8 122.6

131 96.6 78.2 117.4

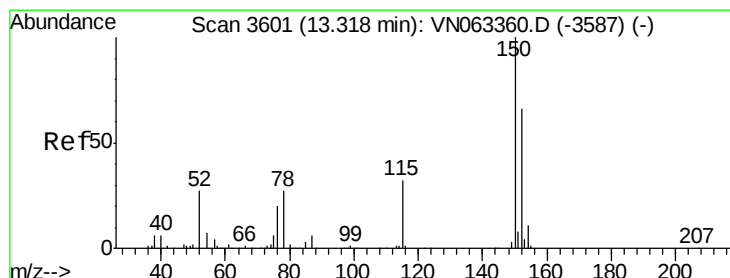
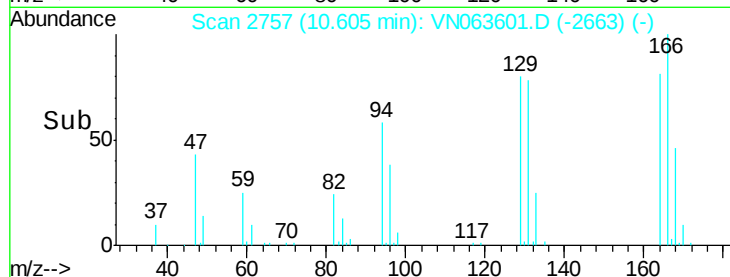
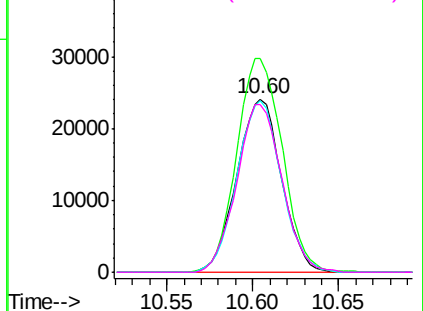


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN063601.D

Acq: 23 Sep 2020 20:06

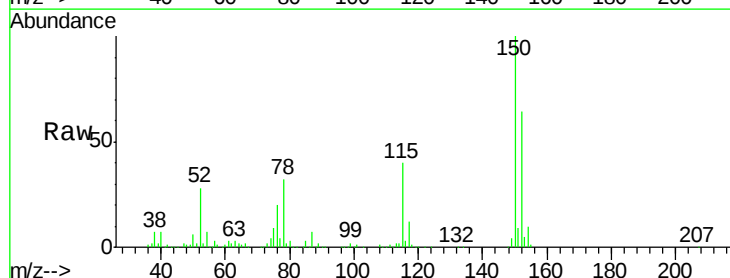
Tgt Ion:152 Resp: 166284

Ion Ratio Lower Upper

152 100

115 62.3 32.2 96.6

150 156.7 0.0 343.4



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

