

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051580.D
 Acq On : 27 Sep 2018 13:28
 Operator : MD\SY
 Sample : J4773-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-B

Quant Time: Sep 27 14:38:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	872672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	456990	57.67	ug/l	0.00
Spiked Amount						
			Recovery	=	115.34%	
35) Dibromofluoromethane	7.59	113	399610	48.38	ug/l	0.00
Spiked Amount						
			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	1430978	46.01	ug/l	0.00
Spiked Amount						
			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.40	95	393808	39.14	ug/l	0.00
Spiked Amount						
			Recovery	=	78.28%	

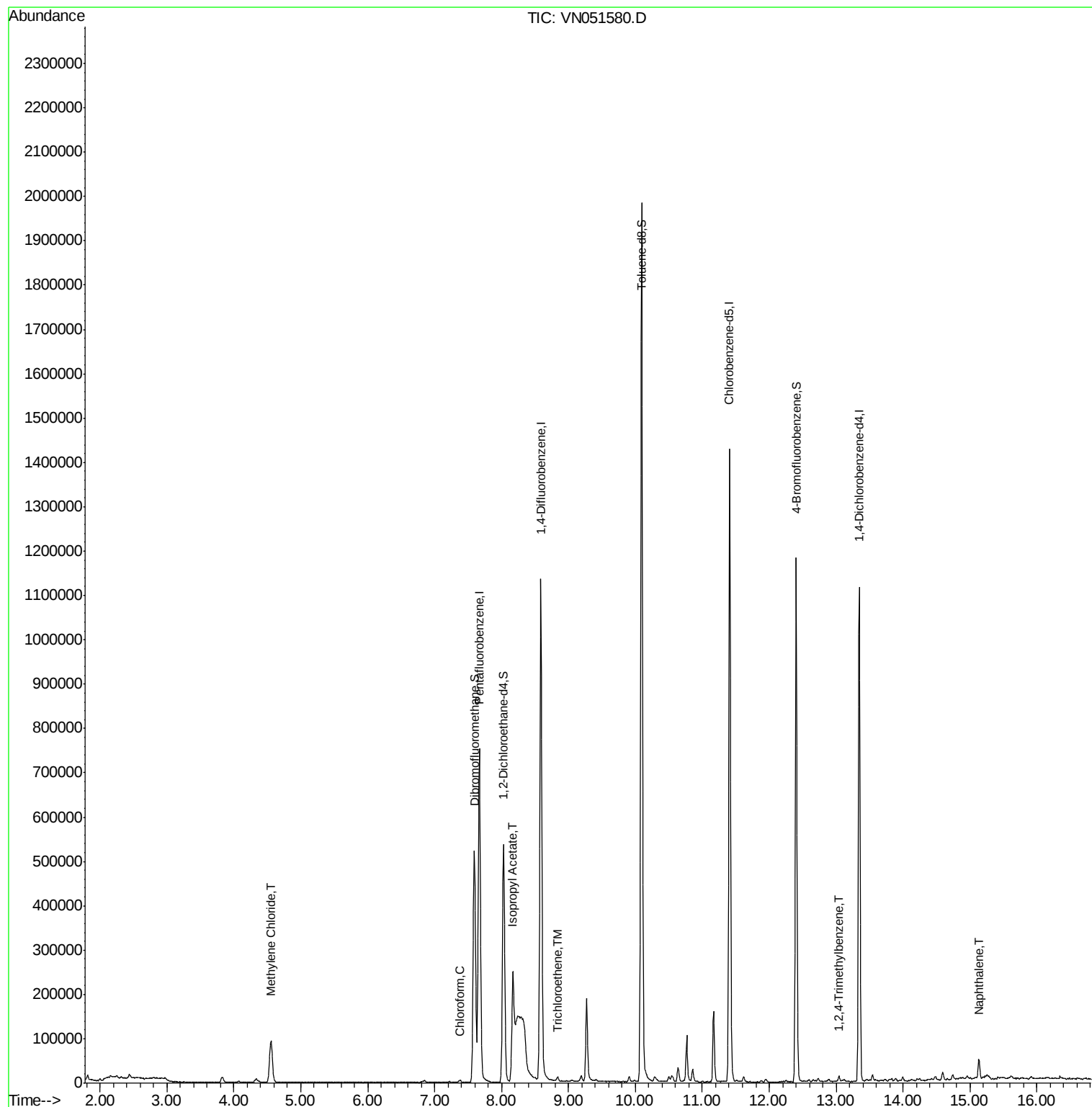
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	67651	8.628	ug/l	99
30) Chloroform	7.37	83	5491	0.407	ug/l	95
43) Isopropyl Acetate	8.17	43	321140	25.822	ug/l #	91
44) Trichloroethene	8.83	130	3442	0.369	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	6597	0.302	ug/l	96
95) Naphthalene	15.13	128	38609	10.808	ug/l	98

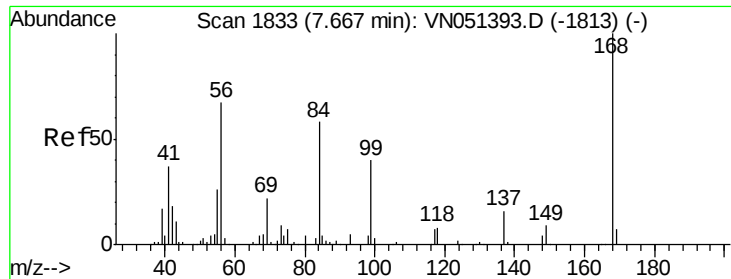
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
Data File : VN051580.D
Acq On : 27 Sep 2018 13:28
Operator : MD\SY
Sample : J4773-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CL-02-092518-B

Quant Time: Sep 27 14:38:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

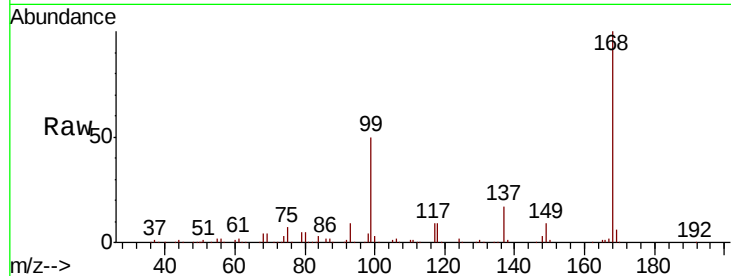
CL-02-092518-B

Tot Ion:168 Resp: 632547

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

150000

100000

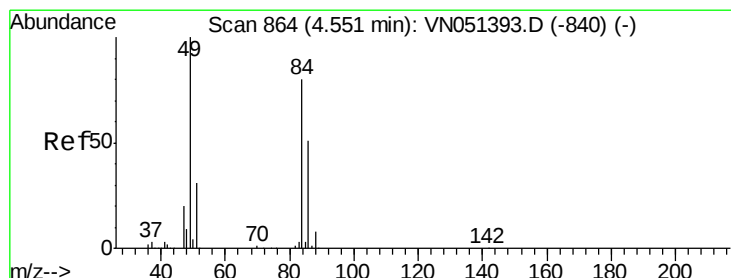
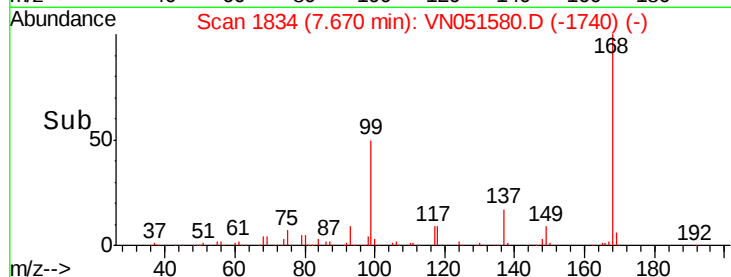
50000

0

Time-->

7.60

7.70



#20

Methylene Chloride

Concen: 8.628 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Tgt Ion: 84 Resp: 67651

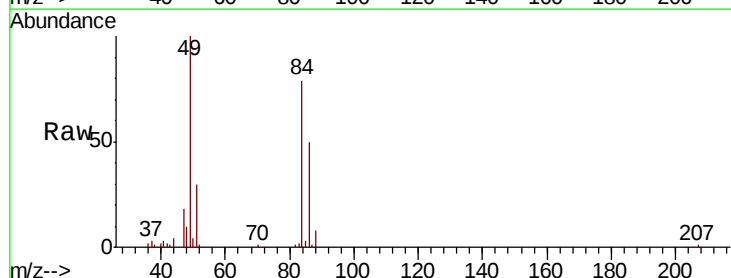
Ion Ratio Lower Upper

84 100

49 125.9 99.9 149.9

51 38.2 31.4 47.2

86 63.9 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VN051393.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051393.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051393.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051393.D (-840) (-)

4.55

30000

20000

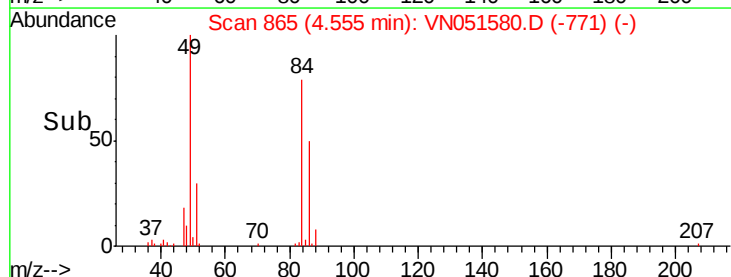
10000

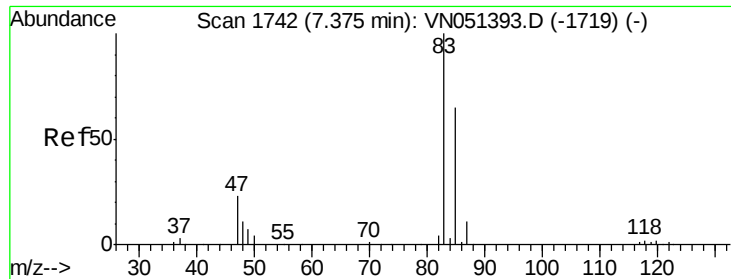
0

Time-->

4.50

4.60

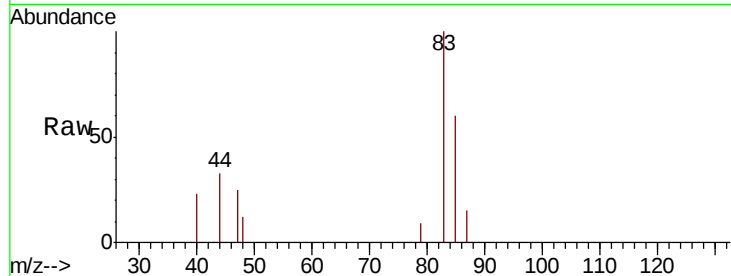




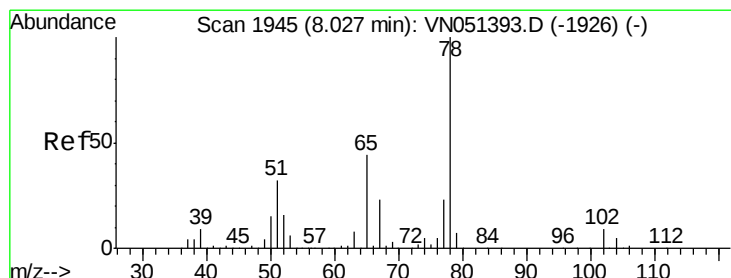
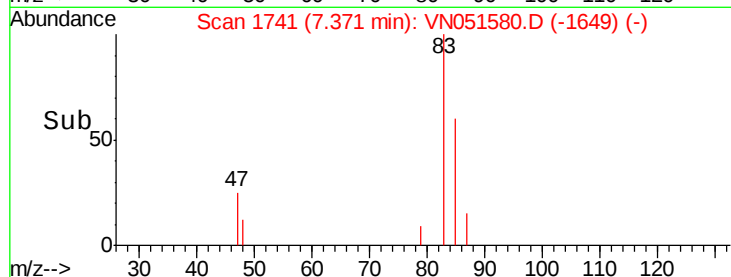
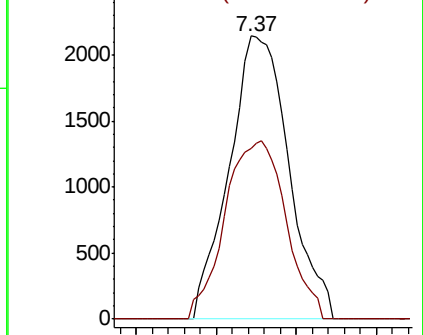
#30
 Chloroform
 Concen: 0.407 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN051580.D
 Acq: 27 Sep 2018 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-B

Tot Ion: 83 Resp: 5491
 Ion Ratio Lower Upper
 83 100
 85 60.4 51.8 77.6

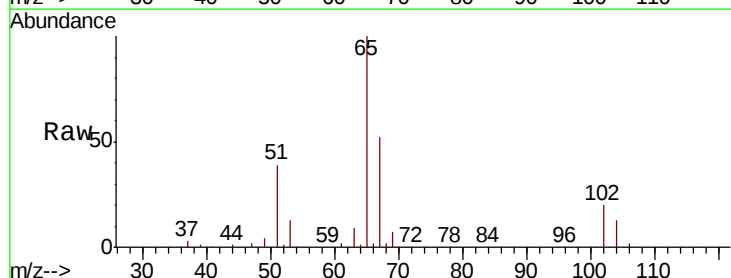


Abundance Ion 82.90 (82.60 to 83.60): VN051393.D (-1719) (-)
 Ion 84.90 (84.60 to 85.60): VN051393.D (-1719) (-)

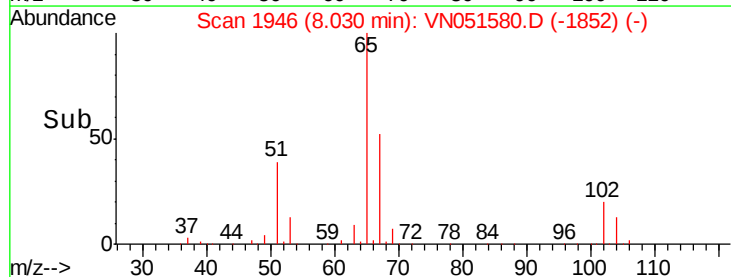
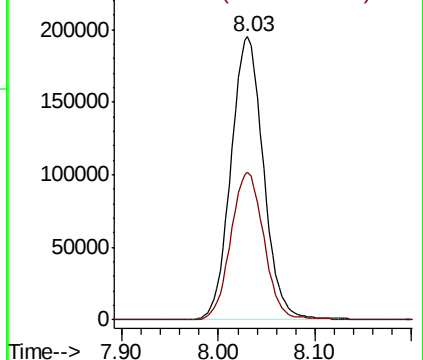


#33
 1,2-Dichloroethane-d4
 Concen: 57.673 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051580.D
 Acq: 27 Sep 2018 13:28

Tgt Ion: 65 Resp: 456990
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN051393.D (-1926) (-)
 Ion 66.90 (66.60 to 67.60): VN051393.D (-1926) (-)

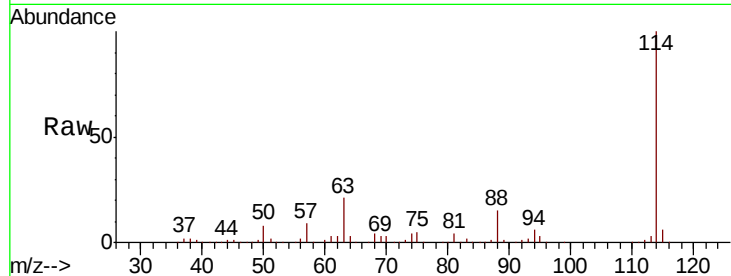




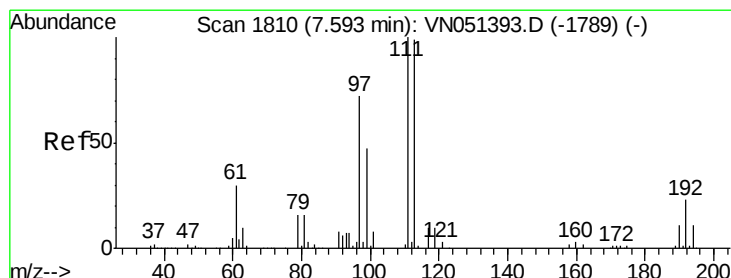
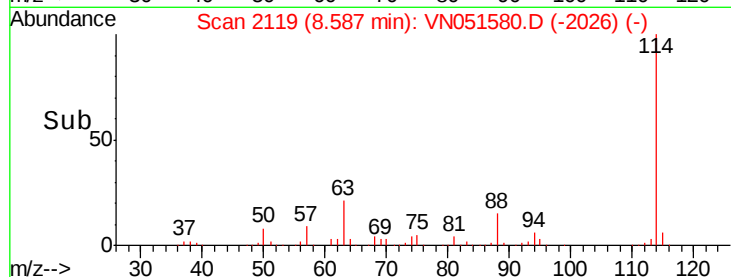
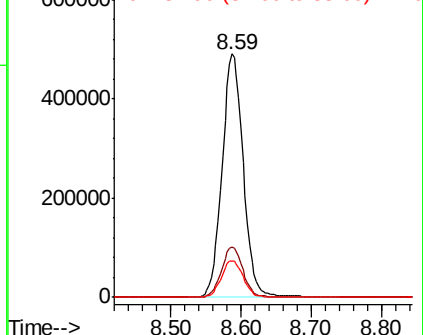
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051580.D
 Acq: 27 Sep 2018 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-B

Tot Ion:114 Resp: 1032947
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.0 0.0 31.4

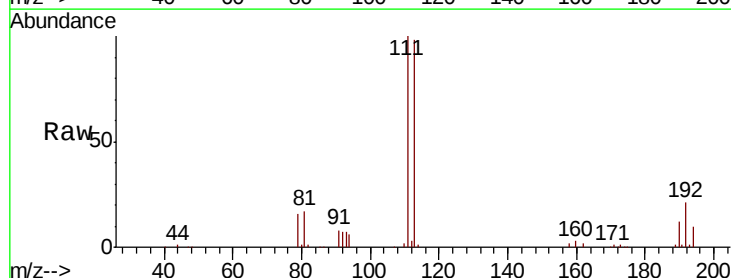


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

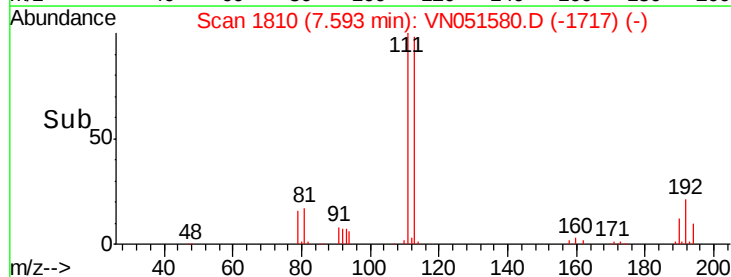
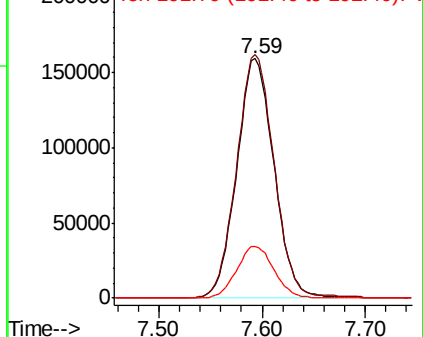


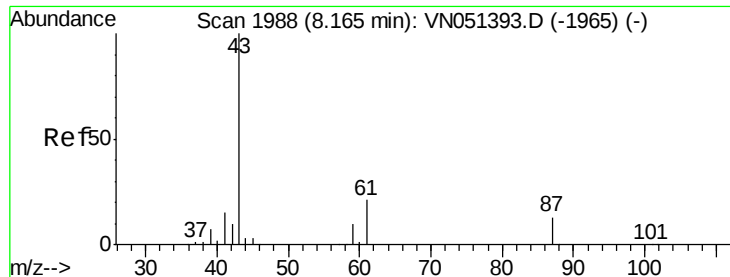
#35
 Dibromofluoromethane
 Concen: 48.379 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051580.D
 Acq: 27 Sep 2018 13:28

Tgt Ion:113 Resp: 399610
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 21.6 18.0 27.0



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: 25.822 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-B

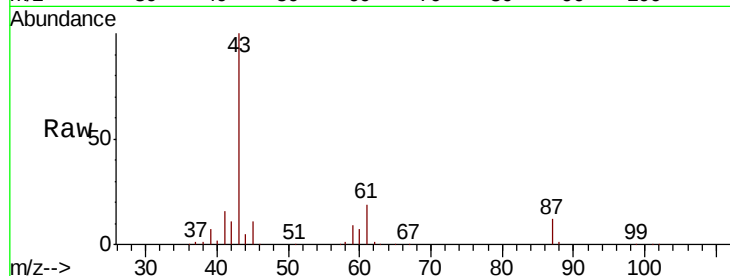
Tot Ion: 43 Resp: 321140

Ion Ratio Lower Upper

43 100

61 16.4 16.8 25.2#

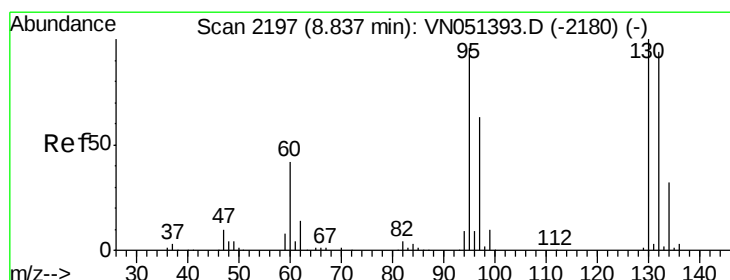
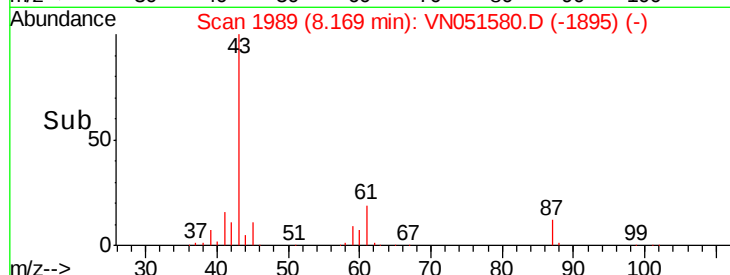
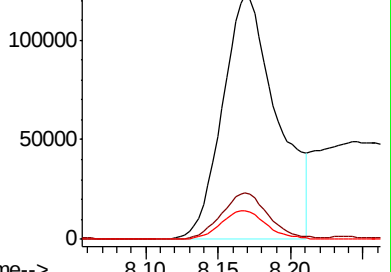
87 9.9 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 0.369 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.01 min

Lab File: VN051580.D

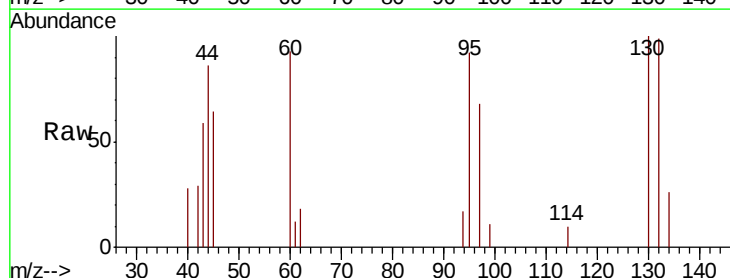
Acq: 27 Sep 2018 13:28

Tgt Ion:130 Resp: 3442

Ion Ratio Lower Upper

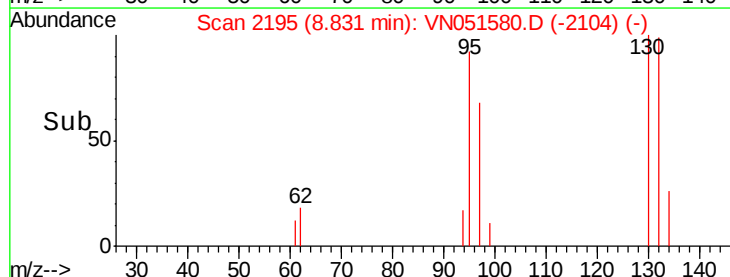
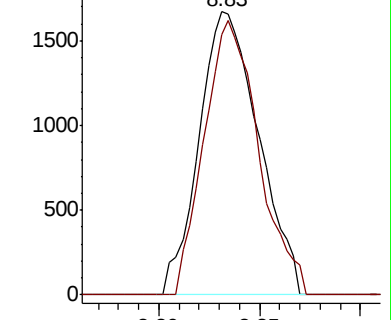
130 100

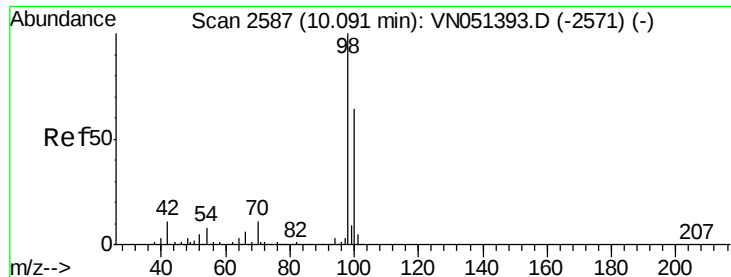
95 92.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)





#50

Toluene-d8

Concen: 46.006 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

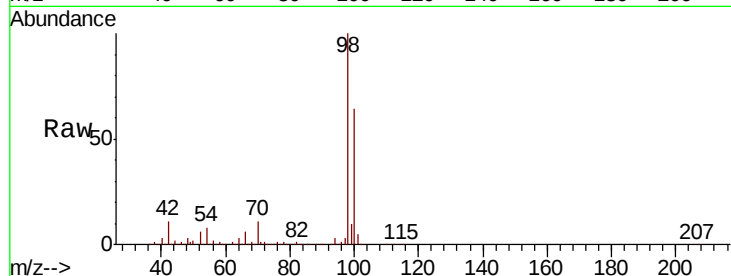
CL-02-092518-B

Tot Ion: 98 Resp: 1430978

Ion Ratio Lower Upper

98 100

100 63.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

10.09

800000

600000

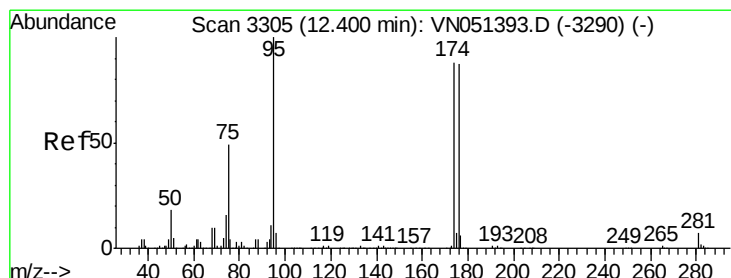
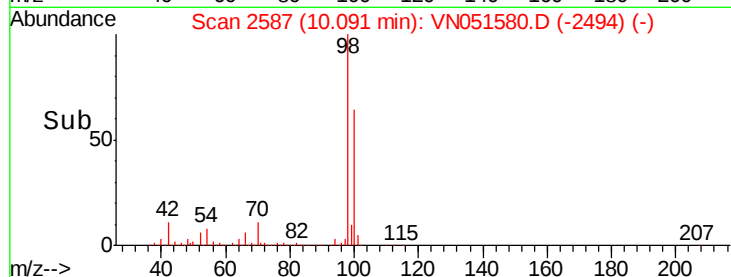
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 39.137 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

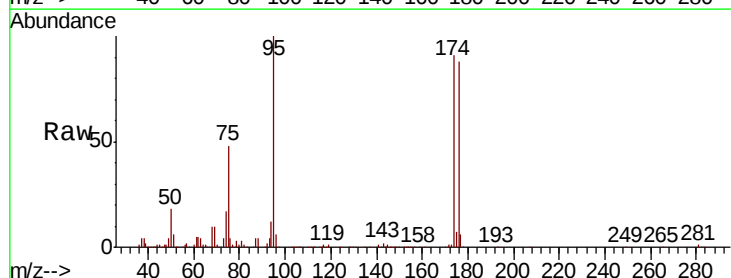
Tgt Ion: 95 Resp: 393808

Ion Ratio Lower Upper

95 100

174 90.1 0.0 181.6

176 86.5 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

300000

250000

200000

150000

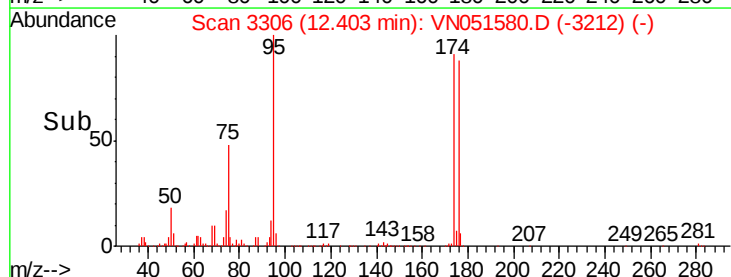
100000

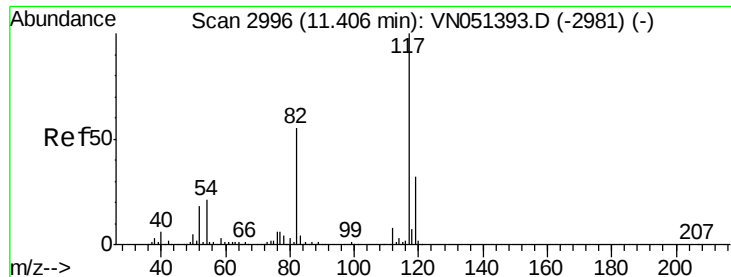
50000

0

12.30 12.40 12.50

Time-->

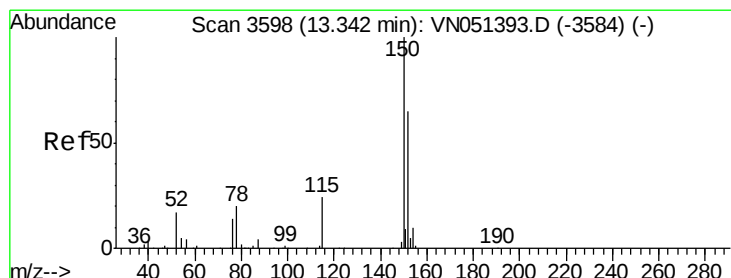
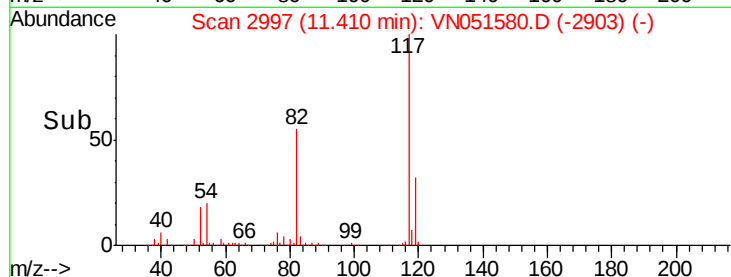
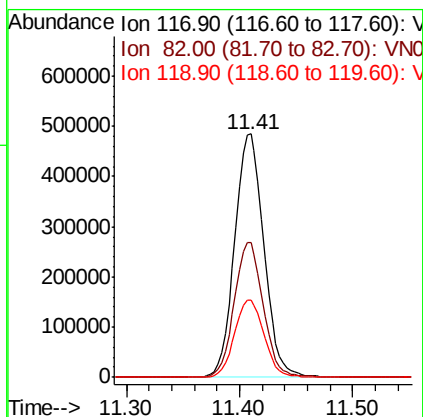
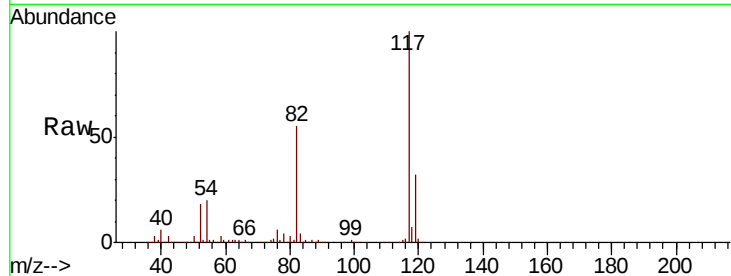




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051580.D
Acq: 27 Sep 2018 13:28

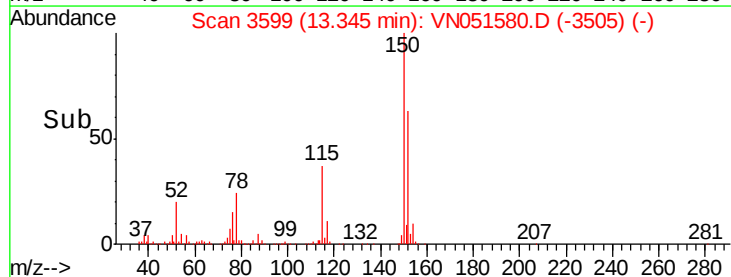
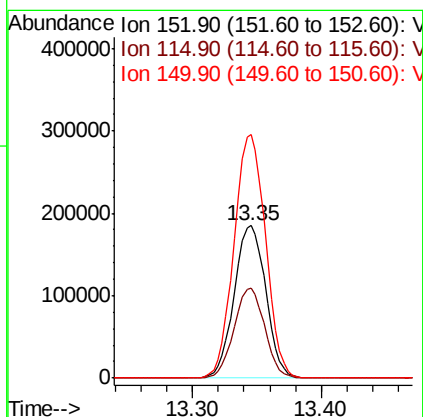
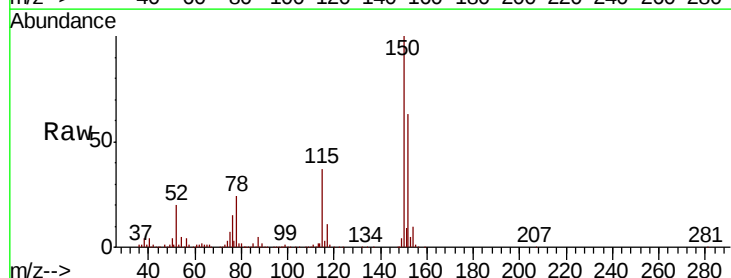
Instrument :
MSVOA_N
ClientSampleId :
CL-02-092518-B

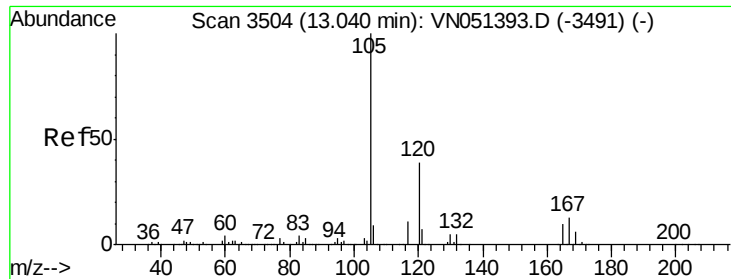
Tot Ion:117 Resp: 872672
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051580.D
Acq: 27 Sep 2018 13:28

Tgt Ion:152 Resp: 315276
Ion Ratio Lower Upper
152 100
115 57.4 28.3 84.9
150 159.2 0.0 353.6





#84

1,2,4-Trimethylbenzene

Concen: 0.302 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

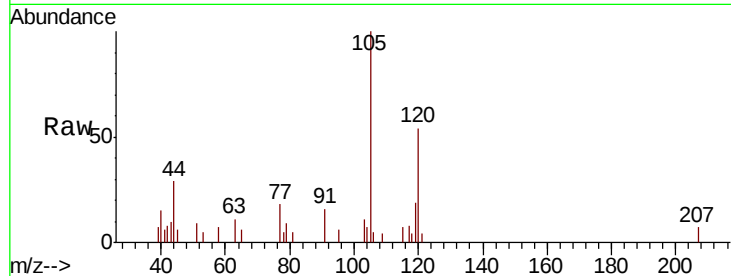
CL-02-092518-B

Tot Ion:105 Resp: 6597

Ion Ratio Lower Upper

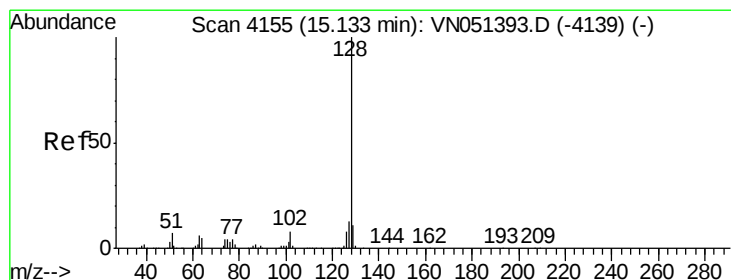
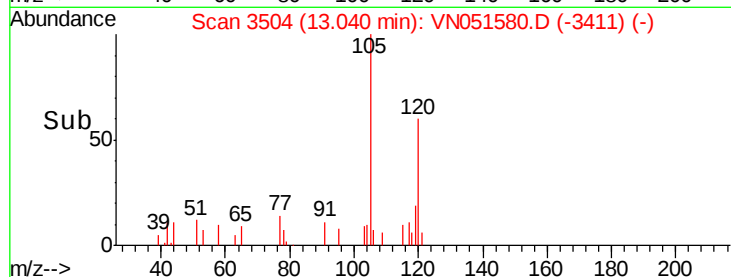
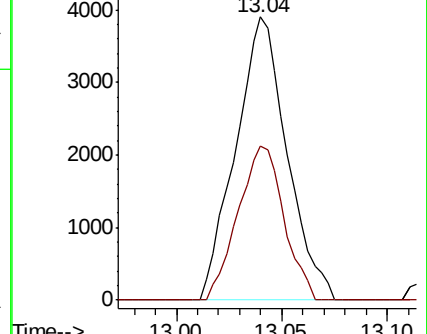
105 100

120 48.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 10.808 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

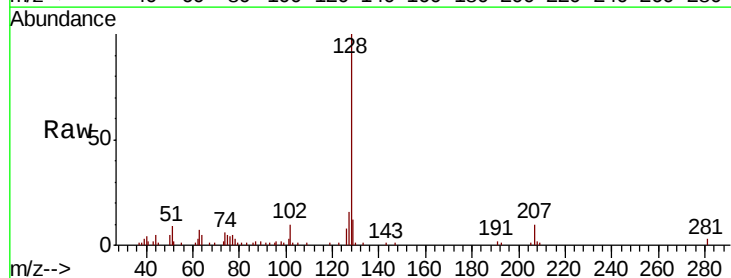
Tgt Ion:128 Resp: 38609

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.9 8.6 12.8



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

