

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060364.D
 Acq On : 13 Nov 2018 16:55
 Operator : JC/SY
 Sample : J5889-06RE
 Misc : 10.45g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 11:13:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

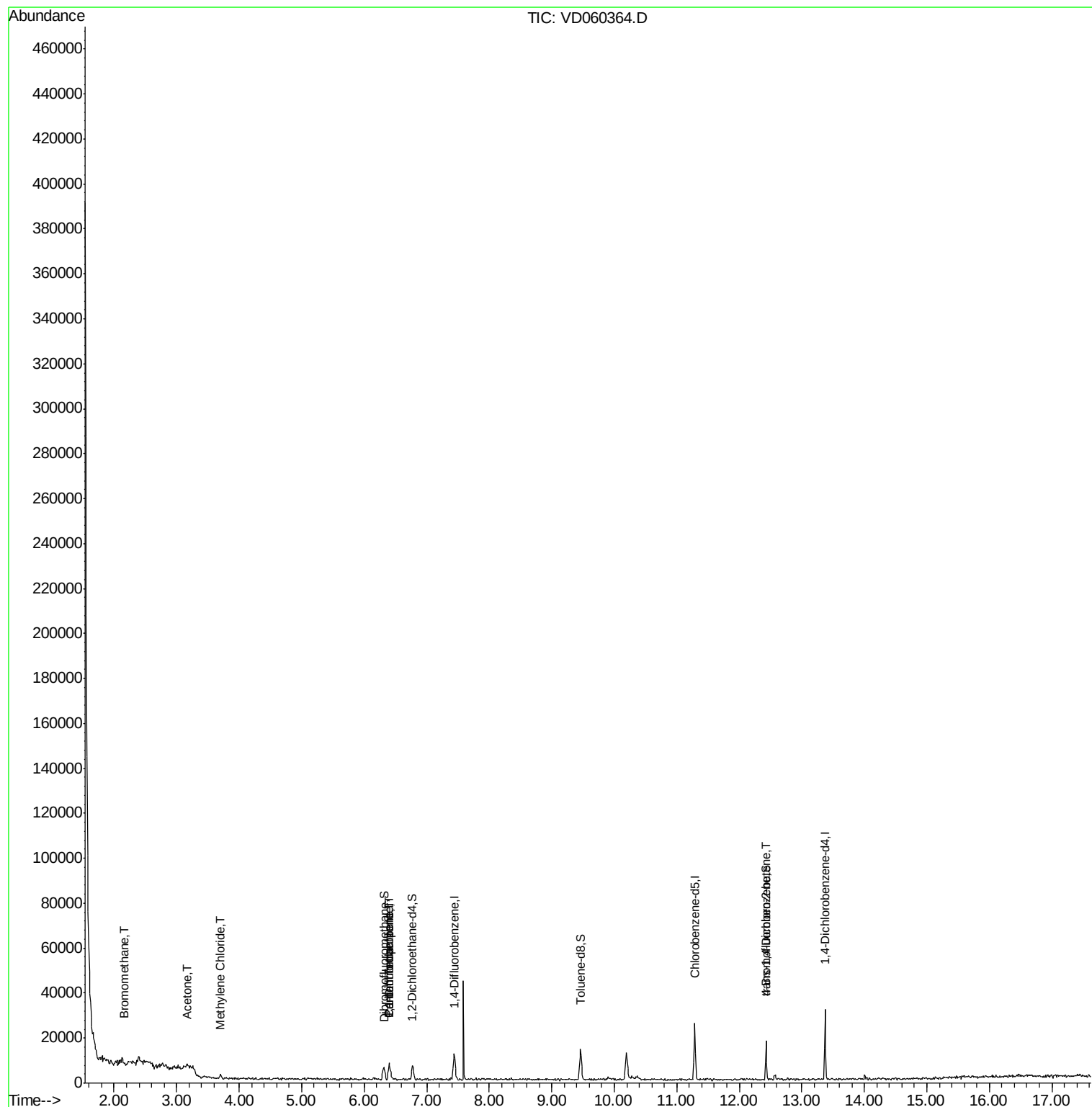
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	10018	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	16422	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.29	117	16295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	7022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	5856	81.64	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	163.28%	
35) Dibromofluoromethane	6.32	113	5362	43.79	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	9.46	98	12420	34.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.30%	
62) 4-Bromofluorobenzene	12.43	95	5413	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
Target Compounds						
5) Bromomethane	2.16	94	184	10.008	ug/l #	2
16) Acetone	3.16	43	2369	190.397	ug/l #	55
20) Methylene Chloride	3.71	84	957	8.671	ug/l #	68
36) 1,1-Dichloropropene	6.40	75	266	1.640	ug/l #	41
38) Carbon Tetrachloride	6.41	117	191	1.269	ug/l #	12
81) trans-1,4-Dichloro-2-buten	12.43	75	2121	88.691	ug/l #	15

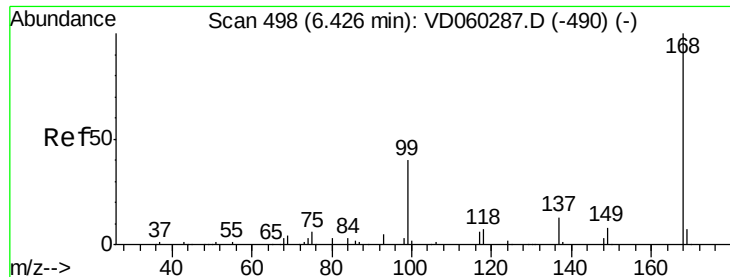
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111318\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Instrument :

MSVOA_D

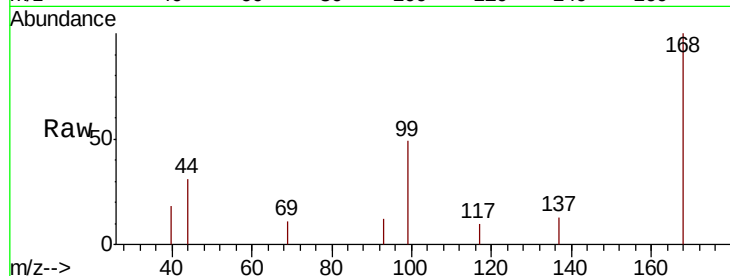
ClientSampleId :

Tot Ion:168 Resp: 10018

Ion Ratio Lower Upper

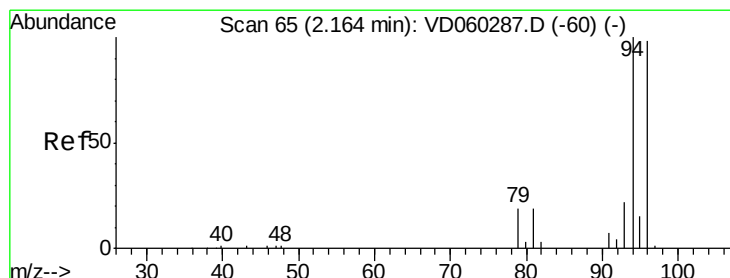
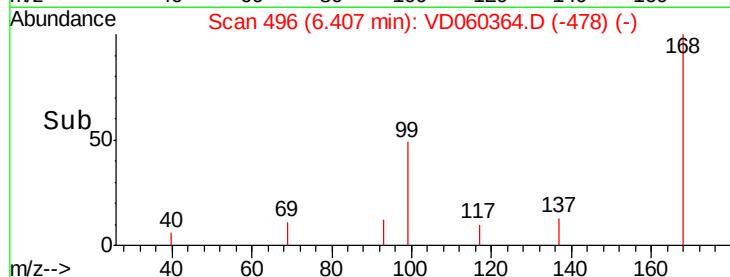
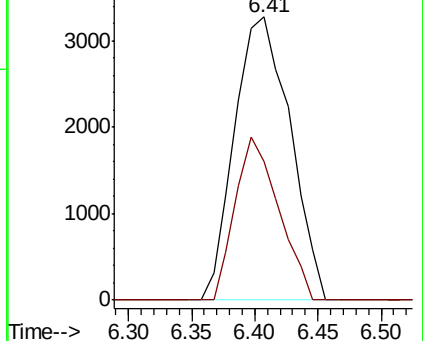
168 100

99 48.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 10.008 ug/l

RT: 2.16 min Scan# 64

Delta R.T. -0.01 min

Lab File: VD060364.D

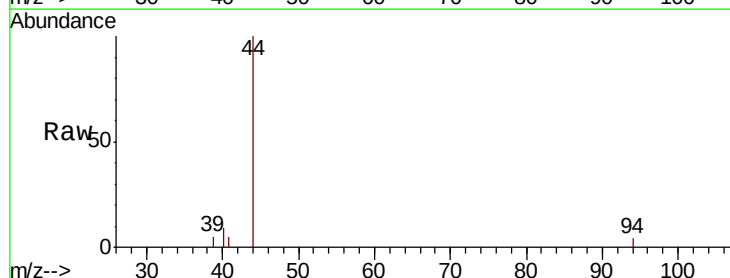
Acq: 13 Nov 2018 16:55

Tgt Ion: 94 Resp: 184

Ion Ratio Lower Upper

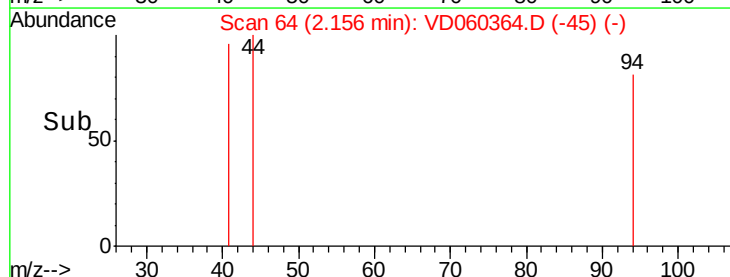
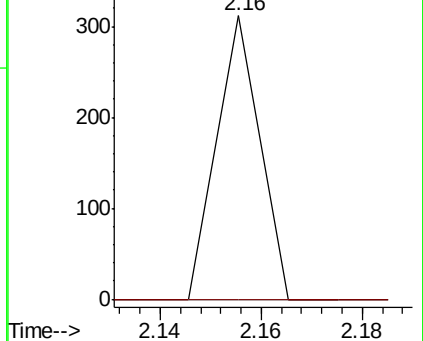
94 100

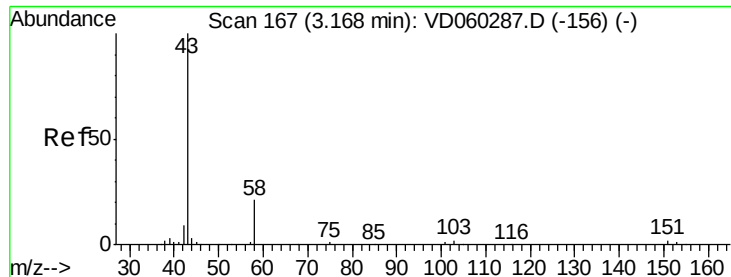
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 190.397 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Instrument :

MSVOA_D

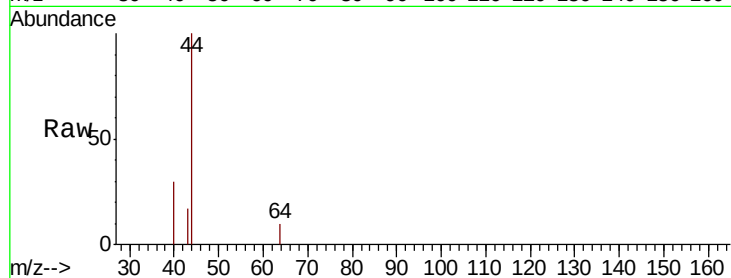
ClientSampleId :

Tot Ion: 43 Resp: 2369

Ion Ratio Lower Upper

43 100

58 0.0 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

1000

800

600

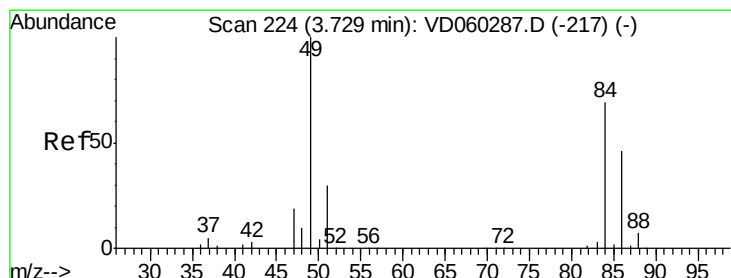
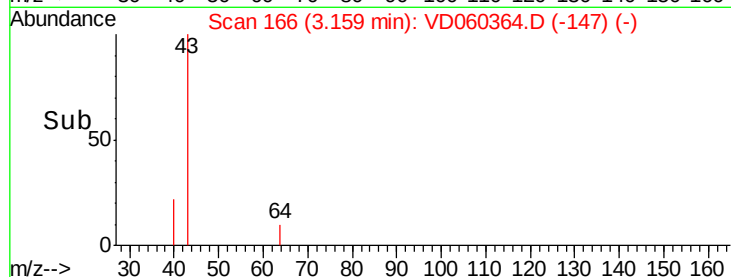
400

200

0

3.05 3.10 3.15 3.20

Time-->



#20

Methylene Chloride

Concen: 8.671 ug/l

RT: 3.71 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Tgt Ion: 84 Resp: 957

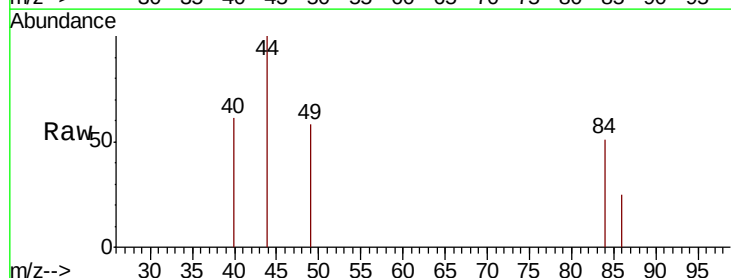
Ion Ratio Lower Upper

84 100

49 112.9 115.6 173.4#

51 0.0 35.6 53.4#

86 47.8 52.3 78.5#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

1500

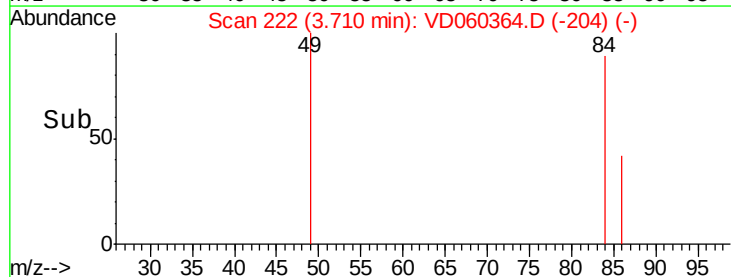
1000

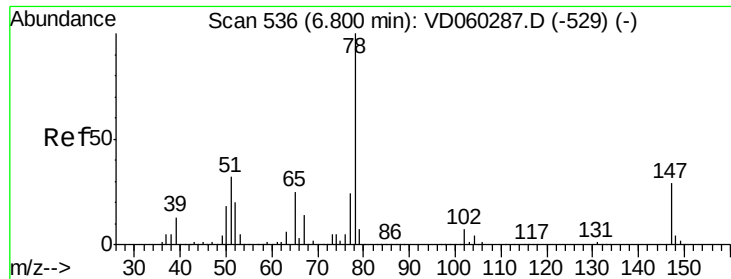
500

0

3.70 3.71 3.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Instrument :

MSVOA_D

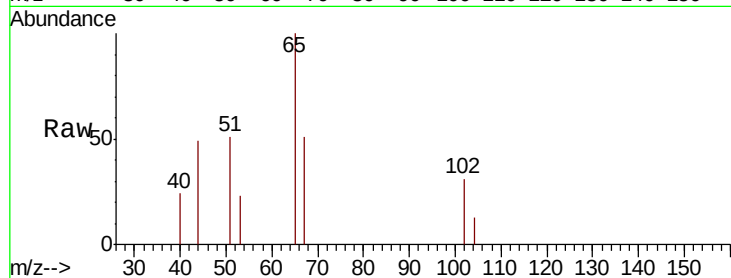
ClientSampled :

Tot Ion: 65 Resp: 5856

Ion Ratio Lower Upper

65 100

67 50.9 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

2500

2000

1500

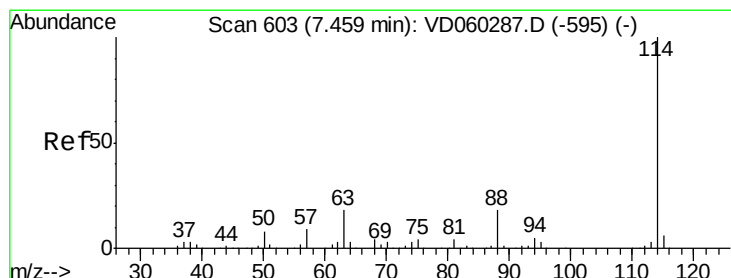
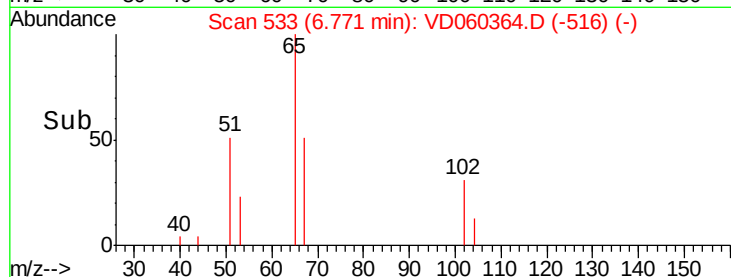
1000

500

0

6.70 6.75 6.80 6.85

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

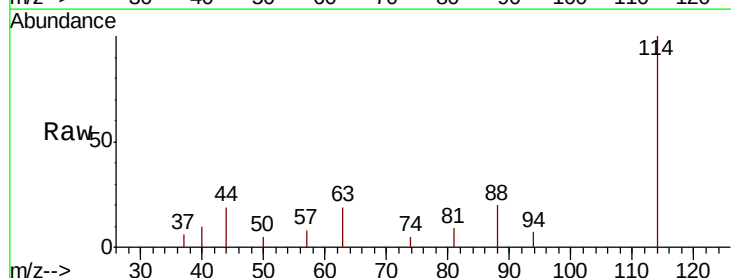
Tgt Ion: 114 Resp: 16422

Ion Ratio Lower Upper

114 100

63 19.4 0.0 34.0

88 19.9 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8000

6000

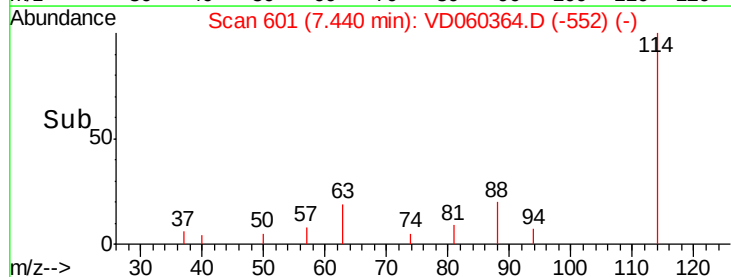
4000

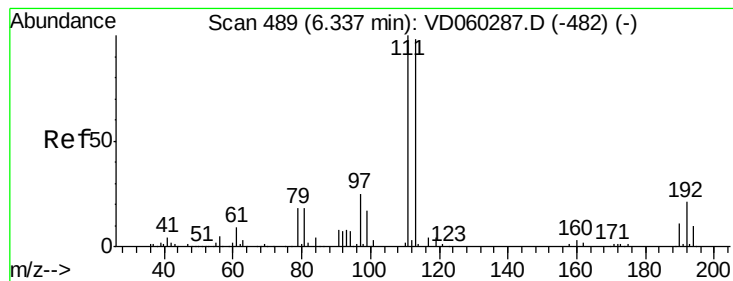
2000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

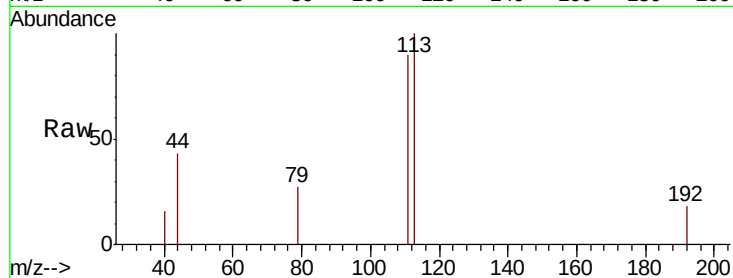
Tot Ion:113 Resp: 5362

Ion Ratio Lower Upper

113 100

111 89.5 81.6 122.4

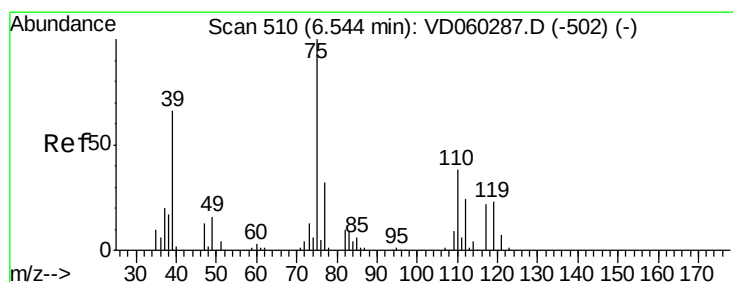
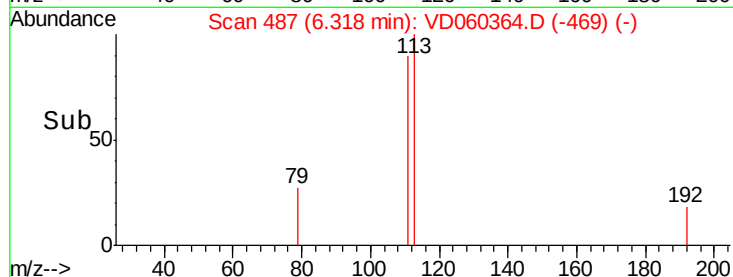
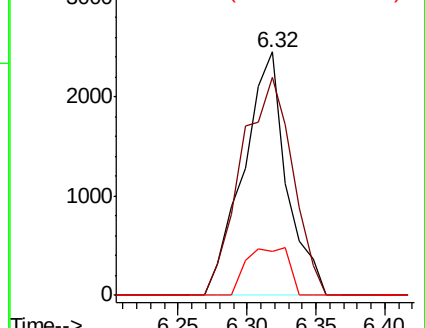
192 18.1 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 1.640 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.15 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

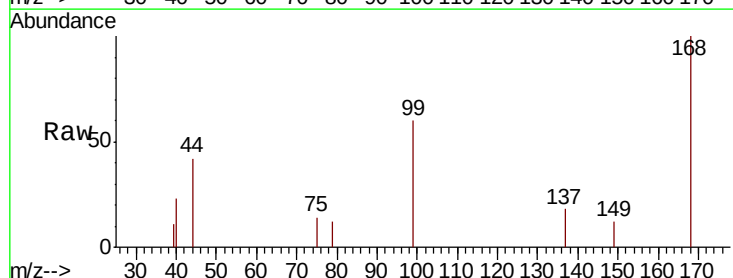
Tgt Ion: 75 Resp: 266

Ion Ratio Lower Upper

75 100

110 0.0 18.0 54.0#

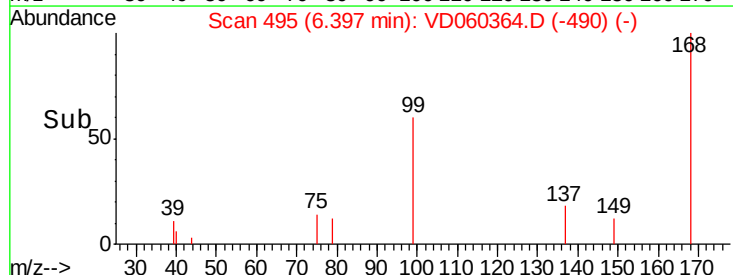
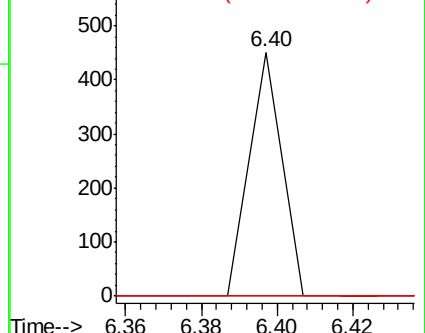
77 0.0 25.6 38.4#

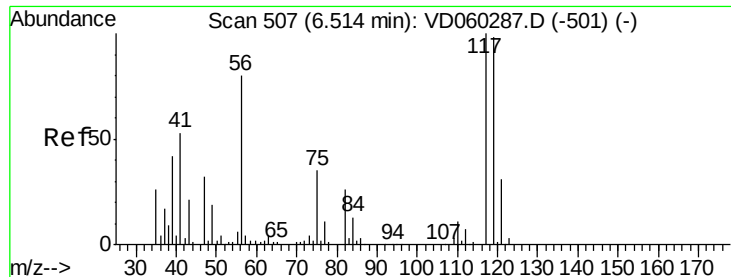


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 1.269 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.11 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

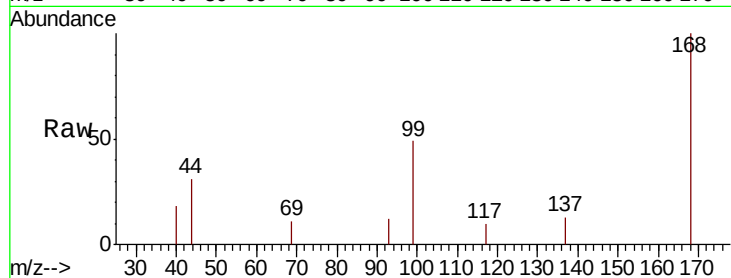
Tot Ion:117 Resp: 191

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

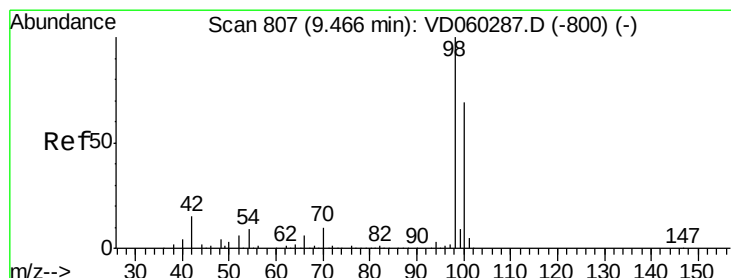
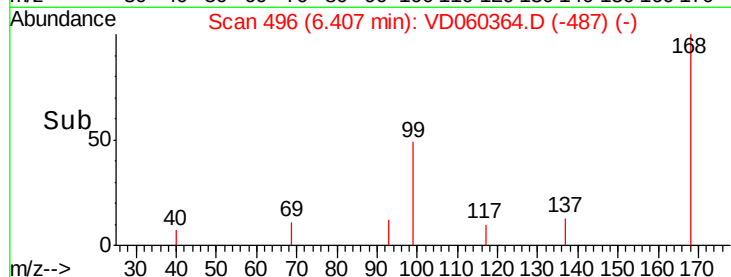
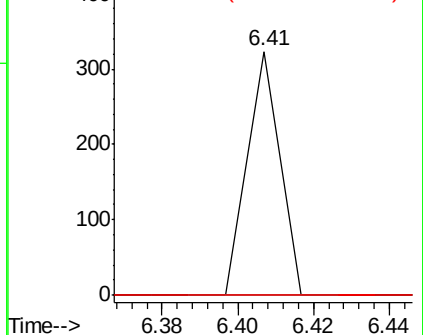
121 0.0 24.3 36.5#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060364.D

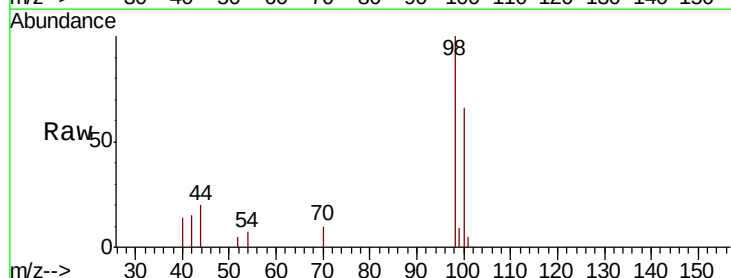
Acq: 13 Nov 2018 16:55

Tgt Ion: 98 Resp: 12420

Ion Ratio Lower Upper

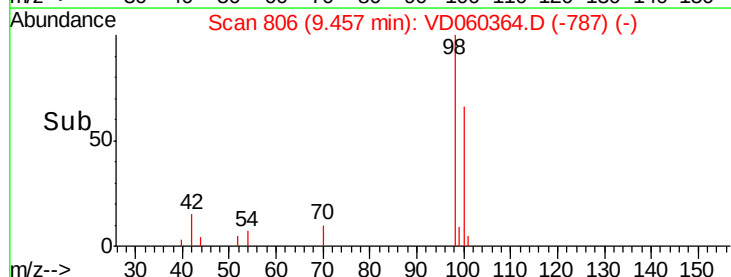
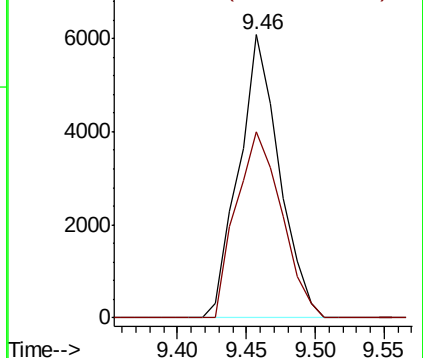
98 100

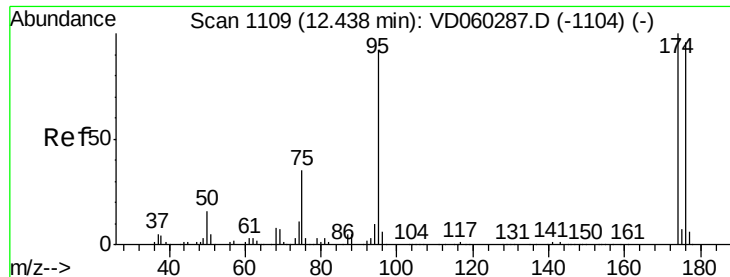
100 65.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Instrument :

MSVOA_D

ClientSampled :

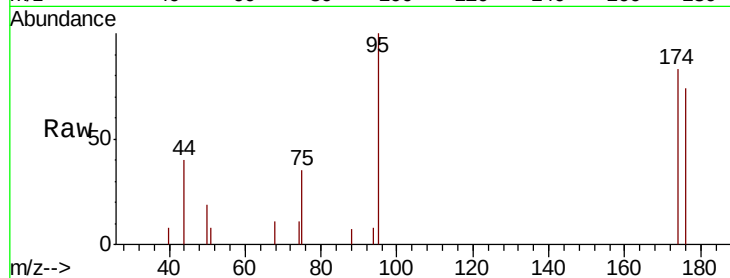
Tot Ion: 95 Resp: 5413

Ion Ratio Lower Upper

95 100

174 82.6 0.0 160.8

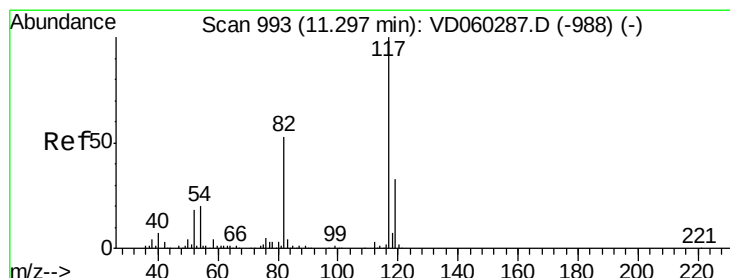
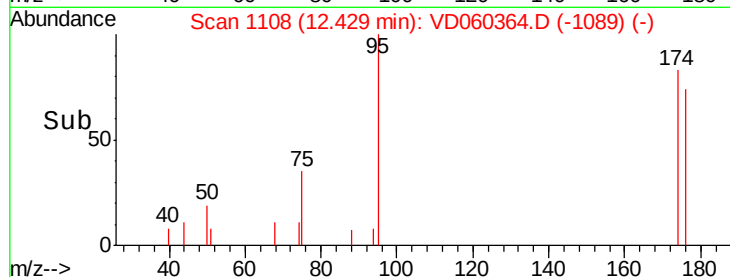
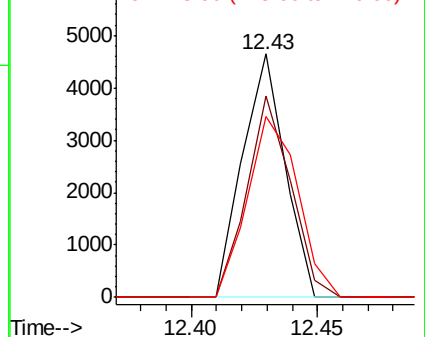
176 74.4 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 992

Delta R.T. -0.01 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

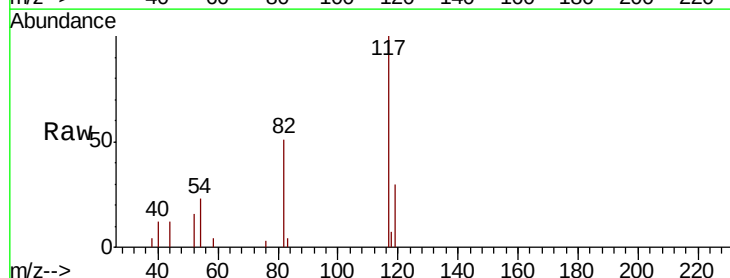
Tgt Ion: 117 Resp: 16295

Ion Ratio Lower Upper

117 100

82 51.4 43.7 65.5

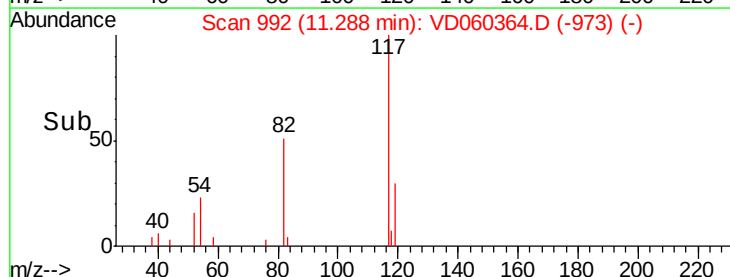
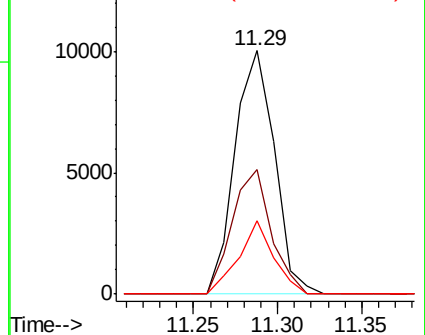
119 30.4 26.1 39.1

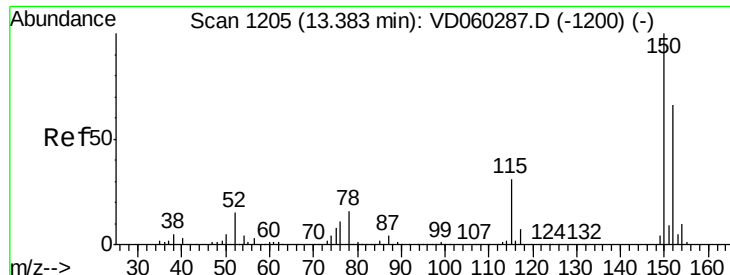


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

Instrument :

MSVOA_D

ClientSampleId :

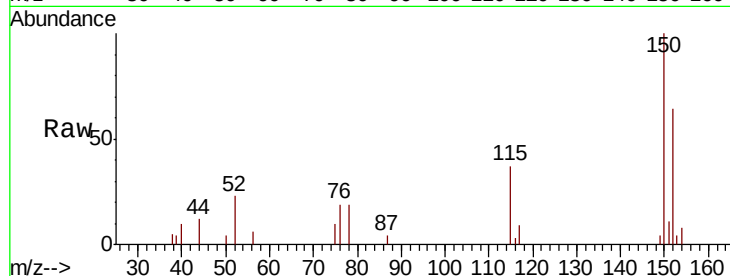
Tot Ion:152 Resp: 7022

Ion Ratio Lower Upper

152 100

115 57.0 24.1 72.3

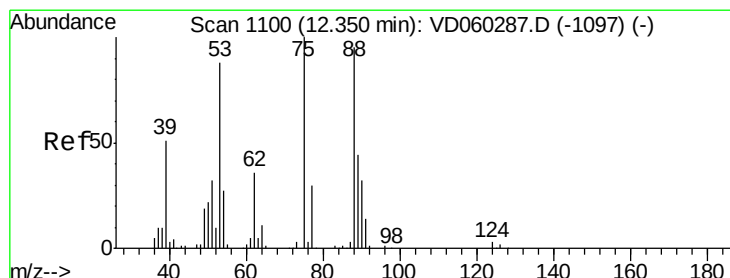
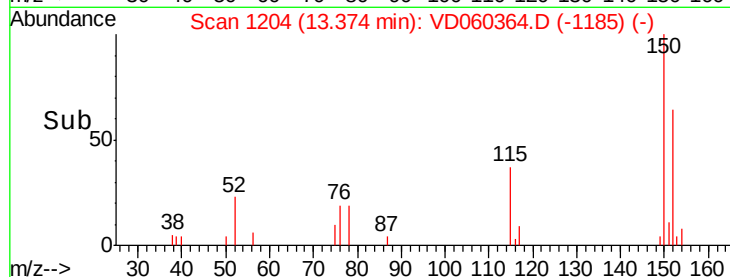
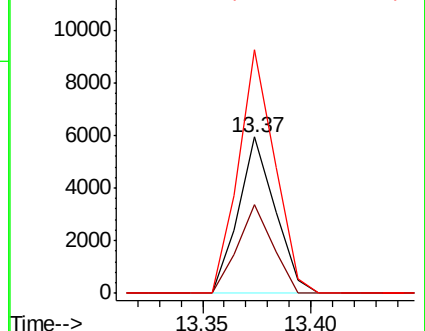
150 155.6 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 88.691 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060364.D

Acq: 13 Nov 2018 16:55

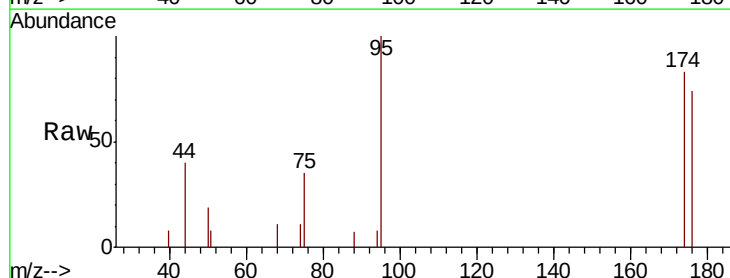
Tgt Ion: 75 Resp: 2121

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

