

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050899.D
 Acq On : 27 Aug 2018 15:22
 Operator : MD\SY
 Sample : J4652-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SONO-S

Quant Time: Aug 28 03:19:20 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	615025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1014504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310364	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	409461	55.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.60%	
35) Dibromofluoromethane	7.59	113	381823	47.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	1386616	45.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.40	95	384577	38.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.70%	

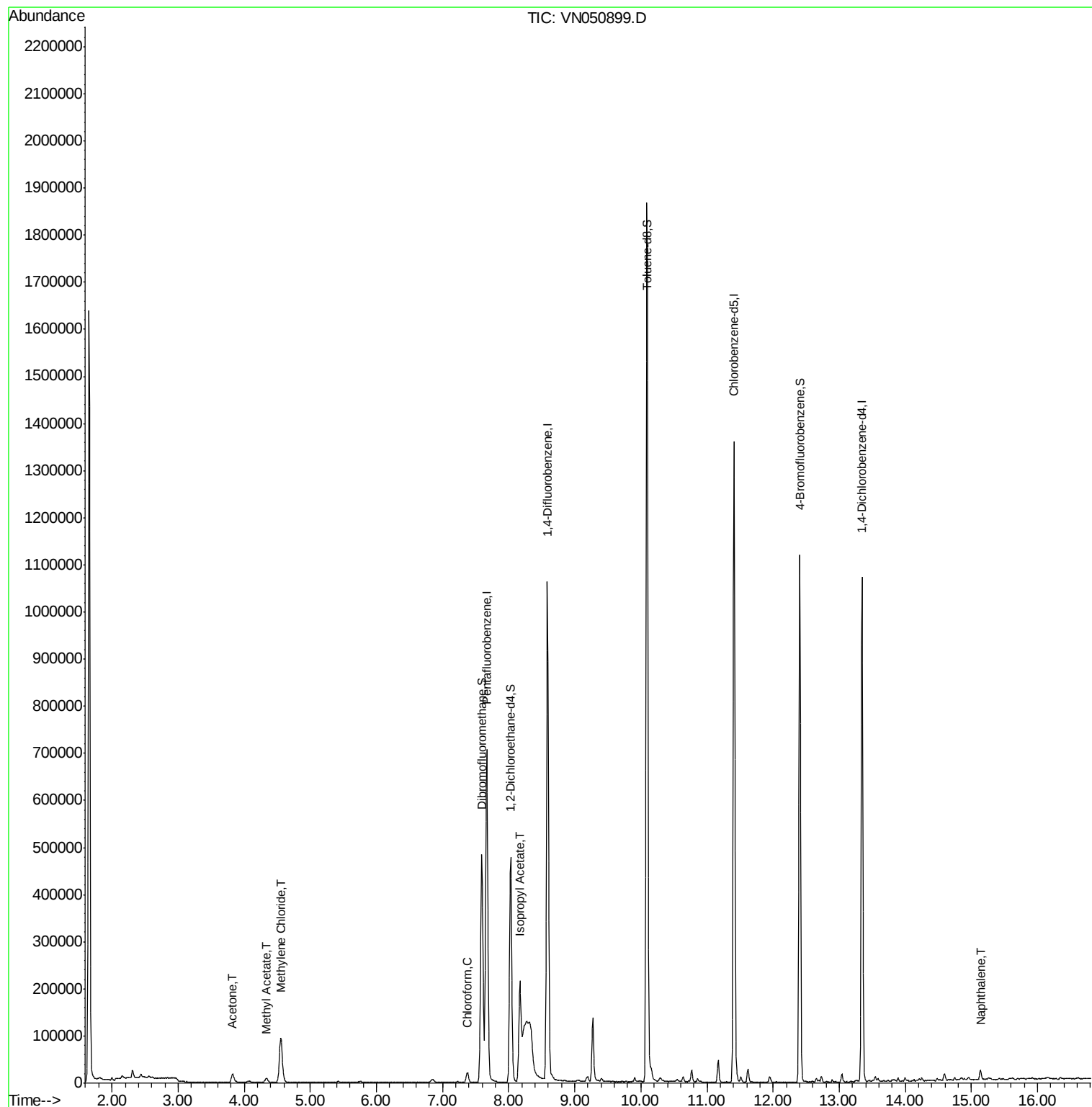
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	30355	10.55	ug/l	98
18) Methyl Acetate	4.34	43	17222	2.46	ug/l	# 72
20) Methylene Chloride	4.55	84	77378	9.27	ug/l	97
30) Chloroform	7.37	83	24300	1.78	ug/l	94
43) Isopropyl Acetate	8.17	43	272048	23.01	ug/l	92
95) Naphthalene	15.14	128	19138	6.78	ug/l	98

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

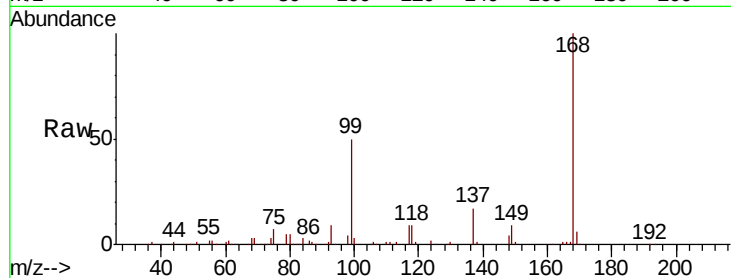
SONO-S

Tot Ion:168 Resp: 615025

Ion Ratio Lower Upper

168 100

99 49.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

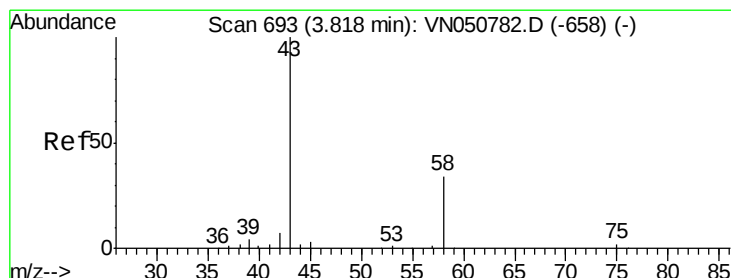
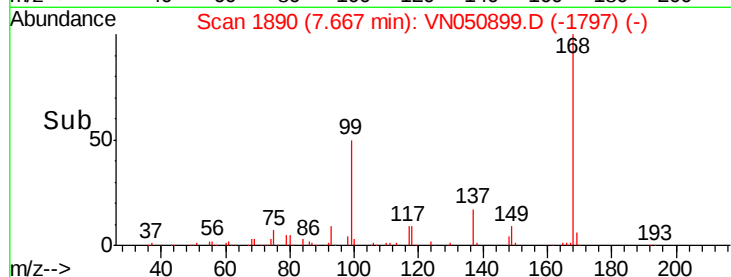
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.55 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050899.D

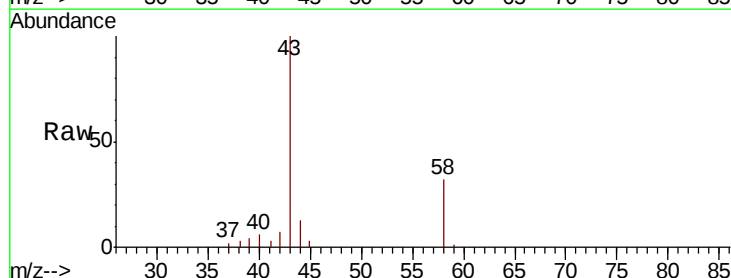
Acq: 27 Aug 2018 15:22

Tgt Ion: 43 Resp: 30355

Ion Ratio Lower Upper

43 100

58 32.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

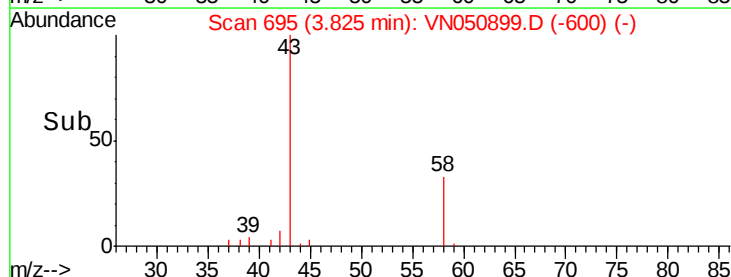
3.82

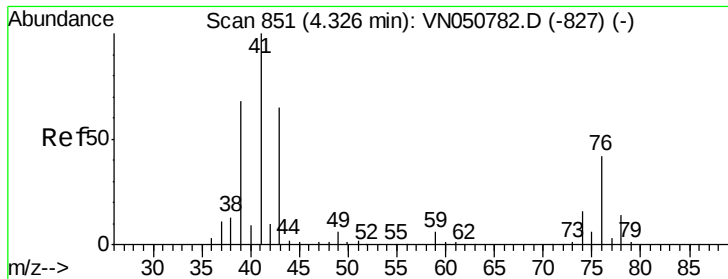
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5000

0

Time-->

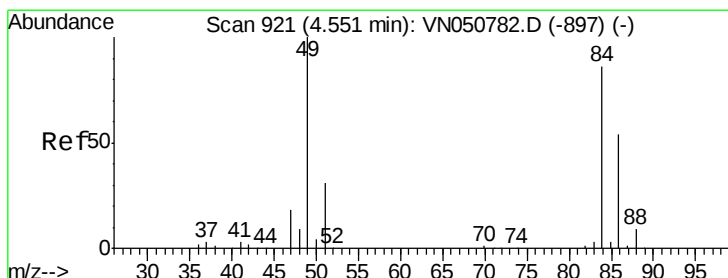
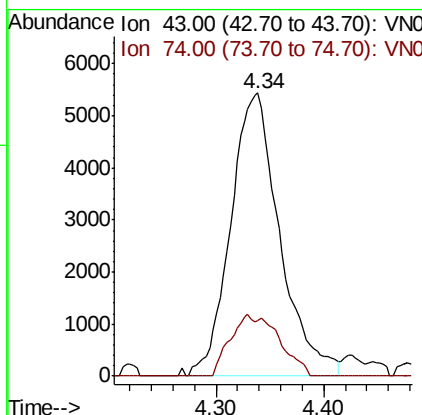
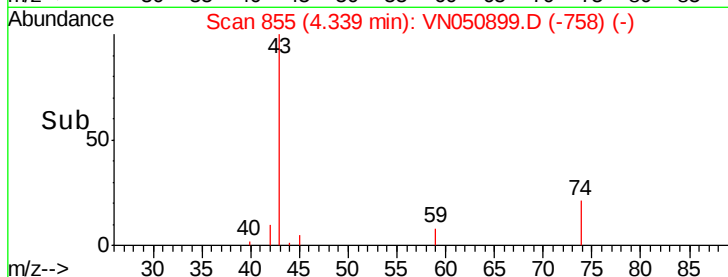
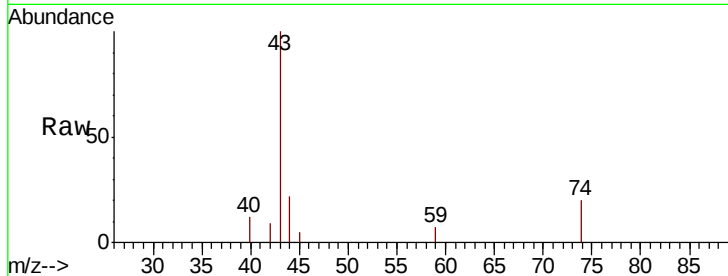




#18
Methyl Acetate
Concen: 2.46 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

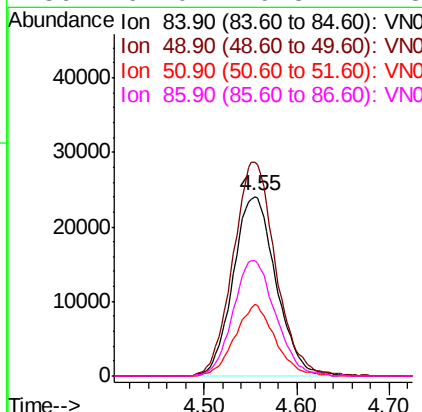
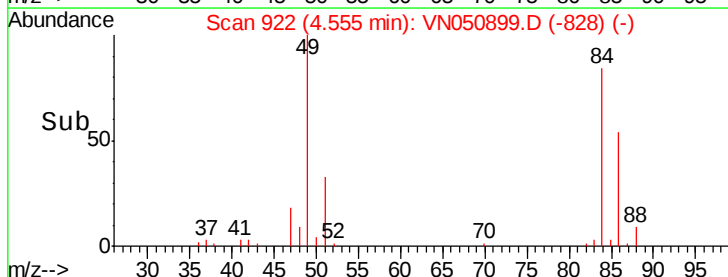
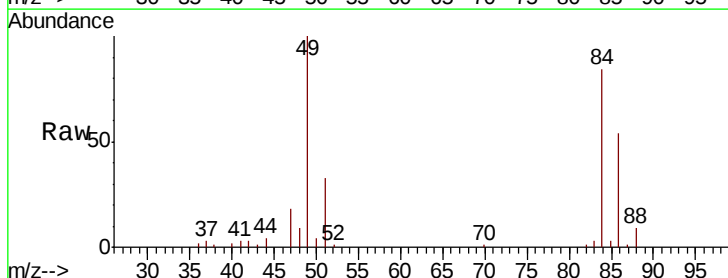
Instrument :
MSVOA_N
ClientSampleId :
SONO-S

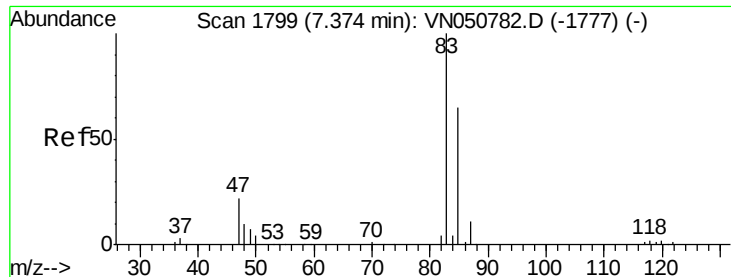
Tot Ion: 43 Resp: 17222
Ion Ratio Lower Upper
43 100
74 10.9 19.8 29.8#



#20
Methylene Chloride
Concen: 9.27 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Tgt Ion: 84 Resp: 77378
Ion Ratio Lower Upper
84 100
49 118.6 93.2 139.8
51 39.6 29.0 43.6
86 64.0 49.8 74.8

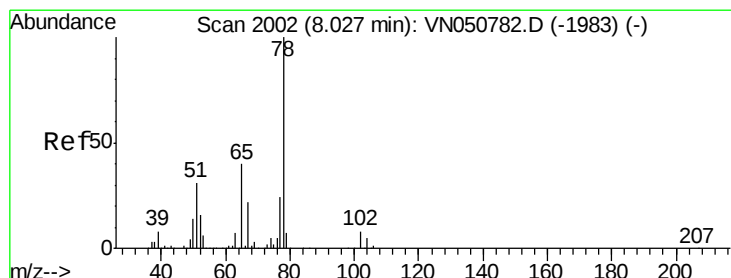
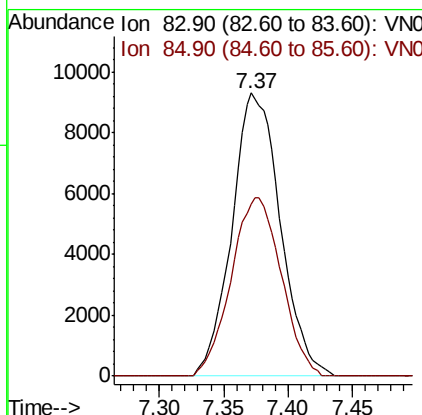
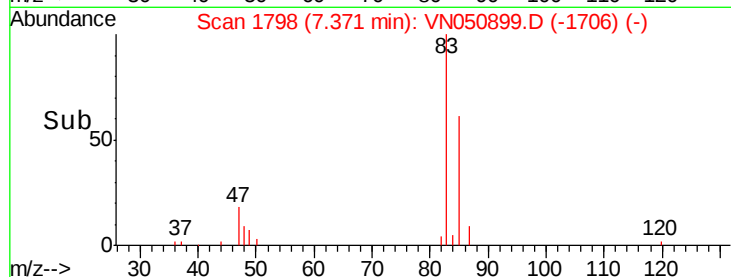
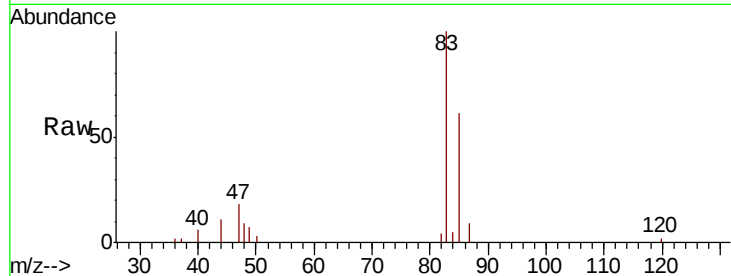




#30
Chloroform
Concen: 1.78 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

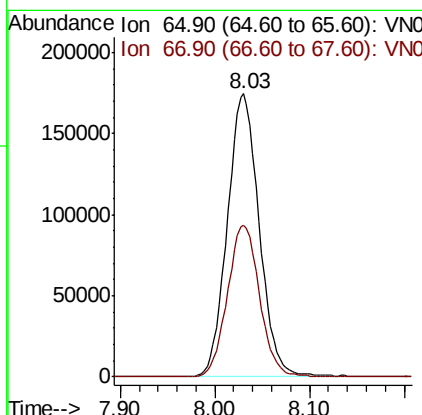
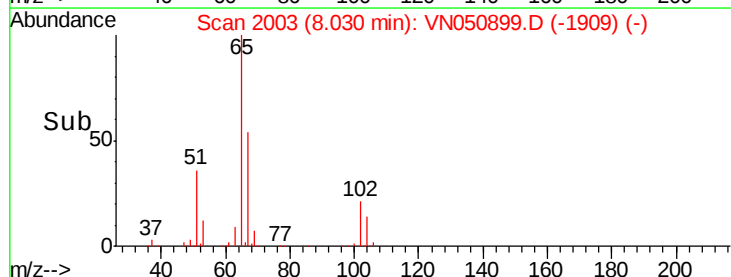
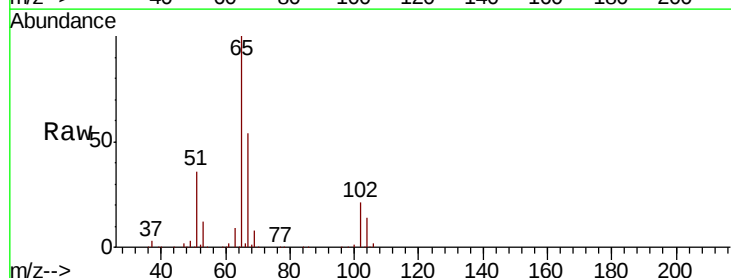
Instrument :
MSVOA_N
ClientSampled :
SONO-S

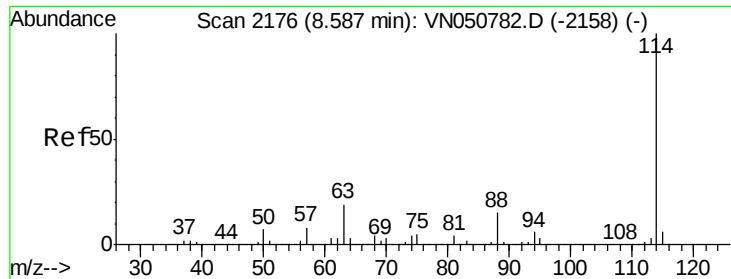
Tot Ion: 83 Resp: 24300
Ion Ratio Lower Upper
83 100
85 60.6 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 55.30 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Tgt Ion: 65 Resp: 409461
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.4

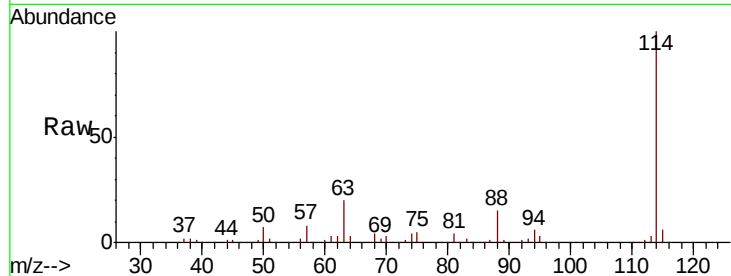




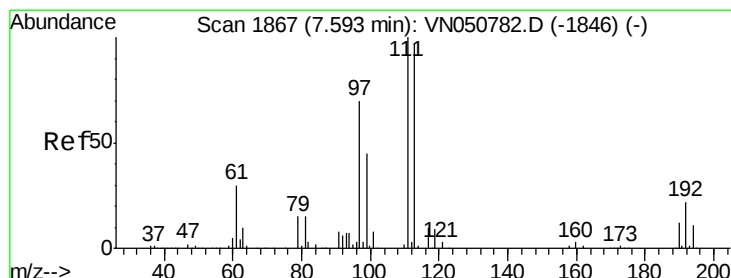
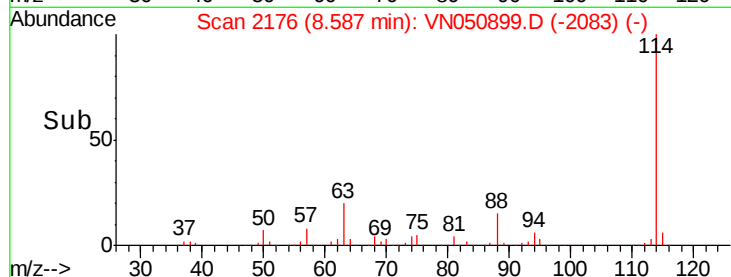
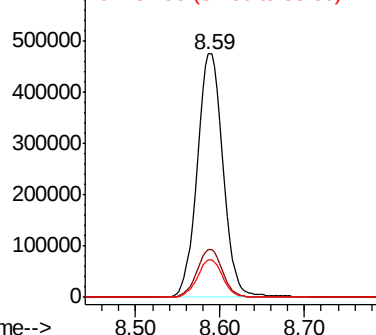
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050899.D
 Acq: 27 Aug 2018 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 SONO-S

Tot Ion:114 Resp: 1014504
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.3 0.0 30.6

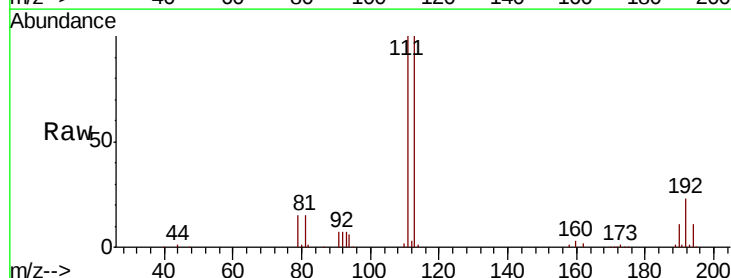


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

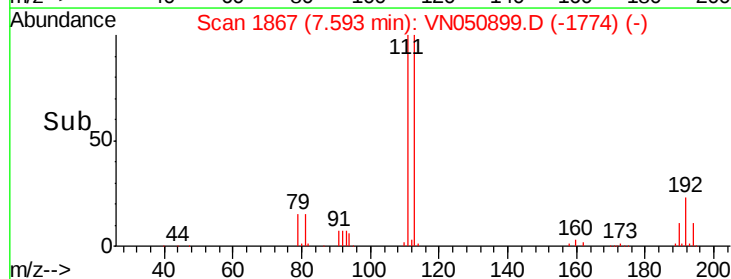
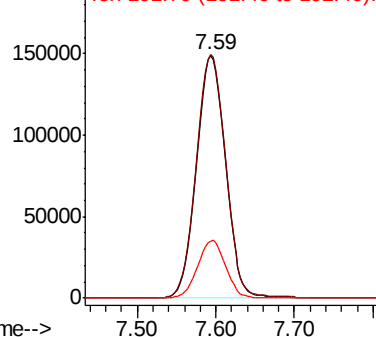


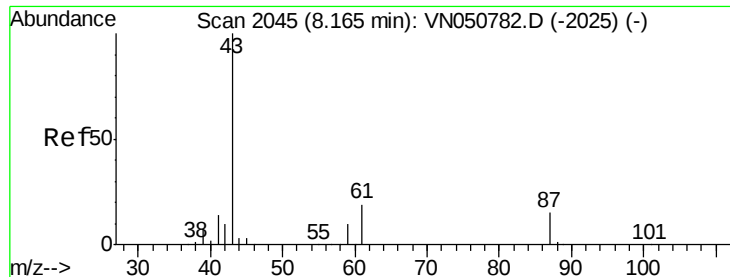
#35
 Dibromofluoromethane
 Concen: 47.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050899.D
 Acq: 27 Aug 2018 15:22

Tgt Ion:113 Resp: 381823
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 123.8
 192 22.8 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: 23.01 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

SONO-S

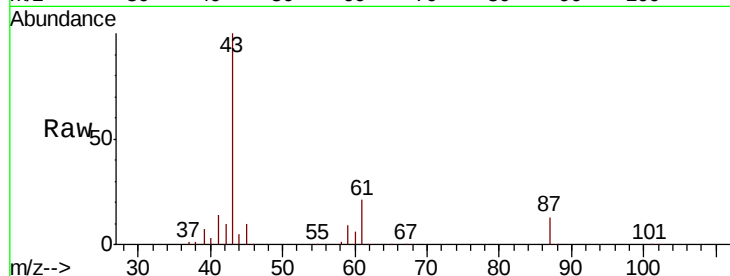
Tot Ion: 43 Resp: 272048

Ion Ratio Lower Upper

43 100

61 17.6 17.5 26.3

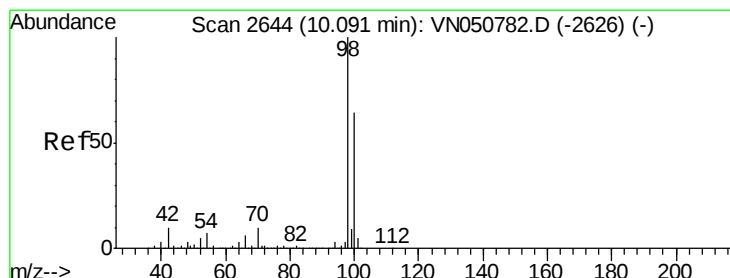
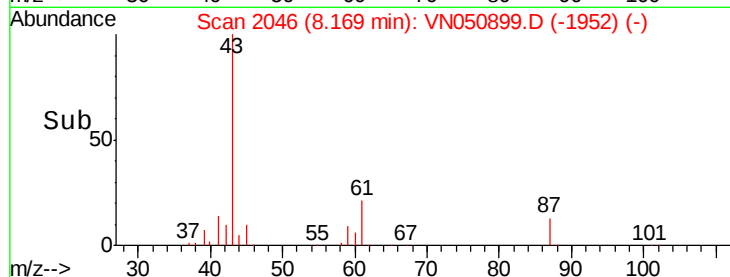
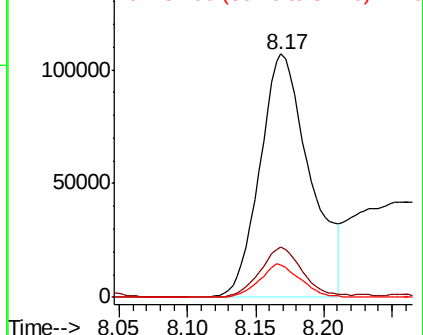
87 11.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.95 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050899.D

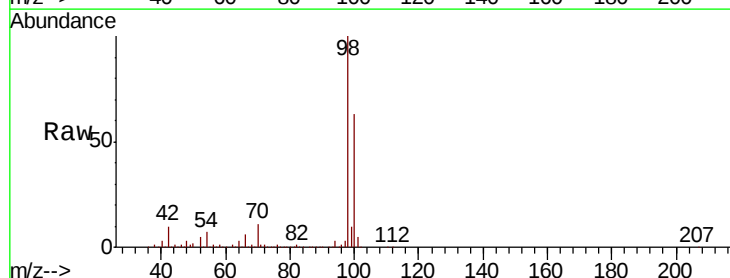
Acq: 27 Aug 2018 15:22

Tgt Ion: 98 Resp: 1386616

Ion Ratio Lower Upper

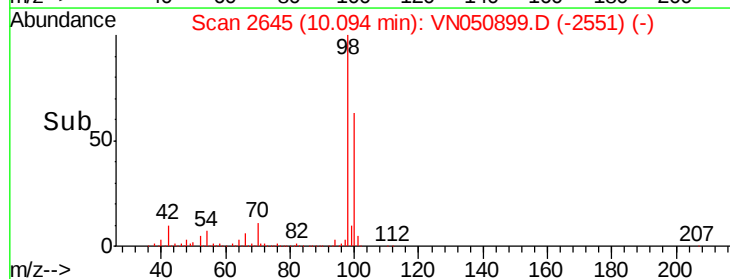
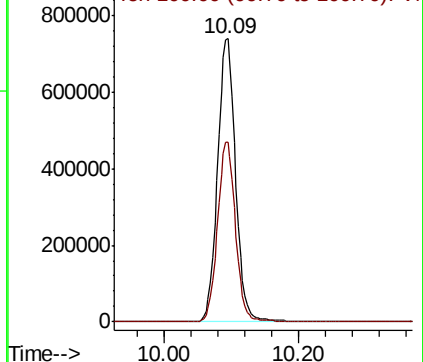
98 100

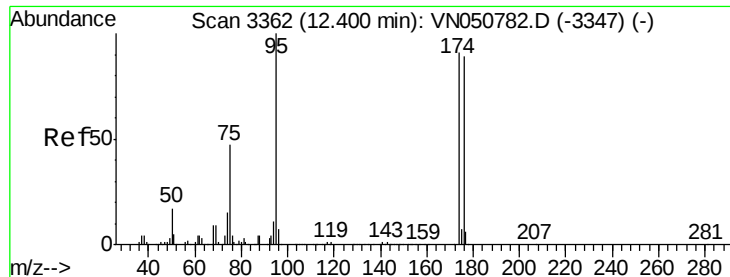
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.35 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

SONO-S

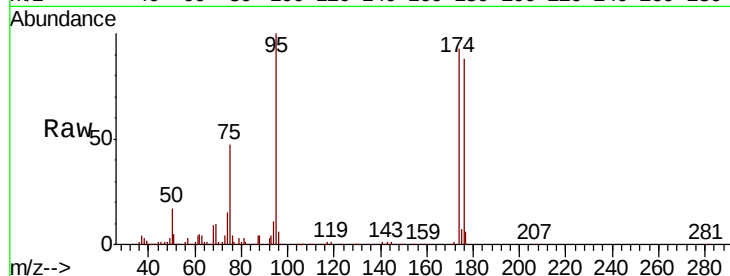
Tot Ion: 95 Resp: 384577

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

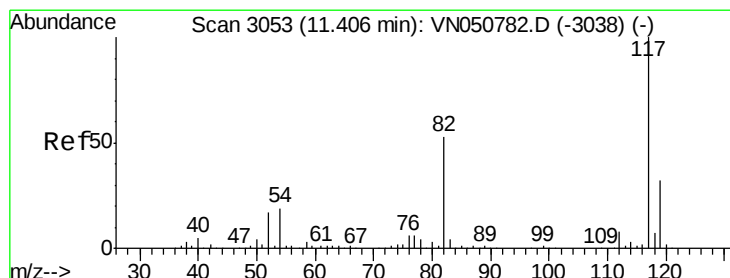
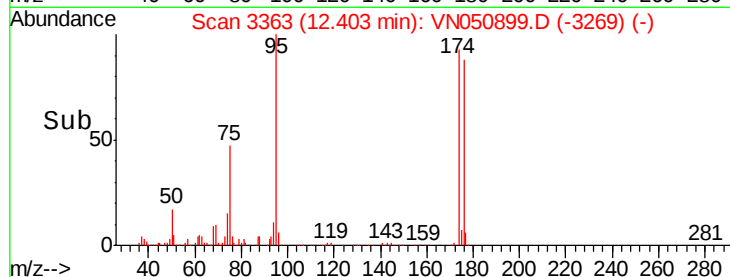
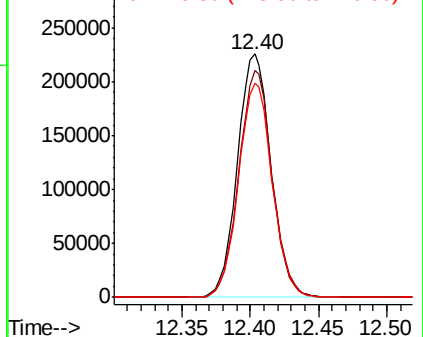
176 88.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

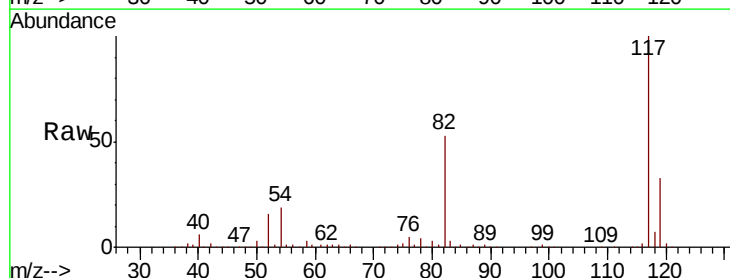
Tgt Ion: 117 Resp: 861507

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

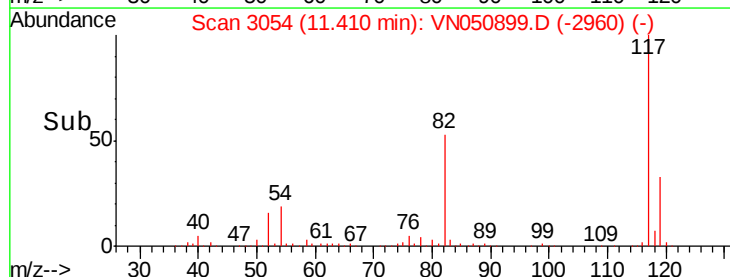
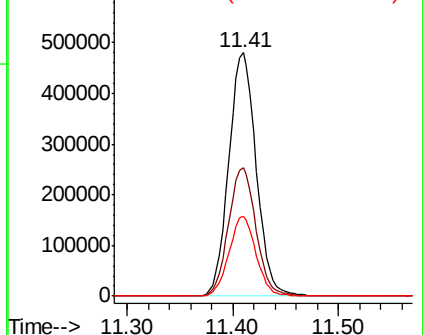
119 33.0 25.8 38.6

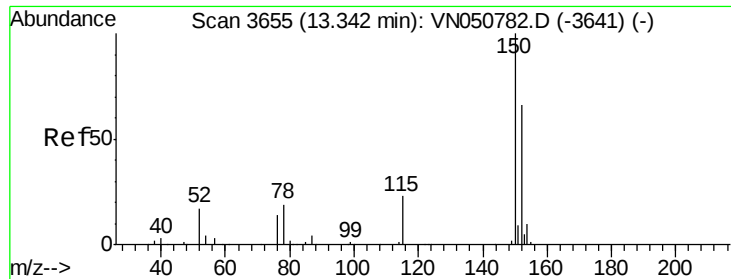


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

SONO-S

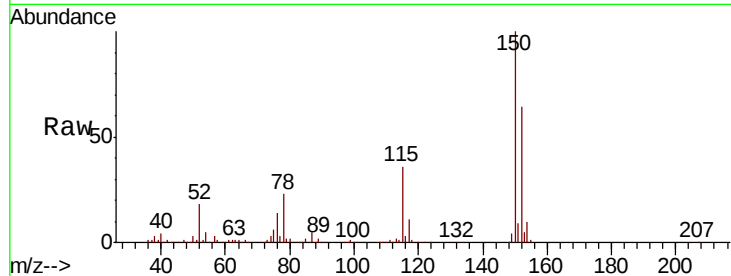
Tot Ion:152 Resp: 310364

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

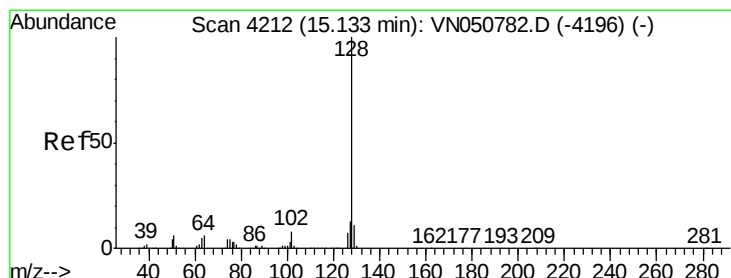
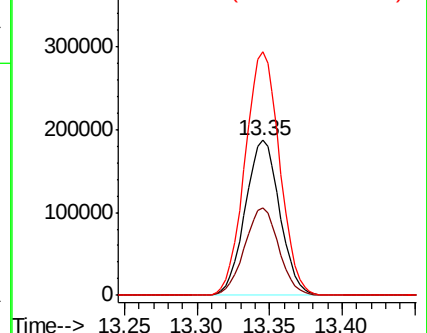
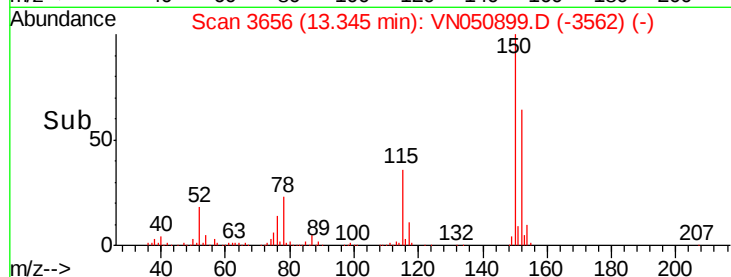
150 157.4 0.0 351.4



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



#95

Naphthalene

Concen: 6.78 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

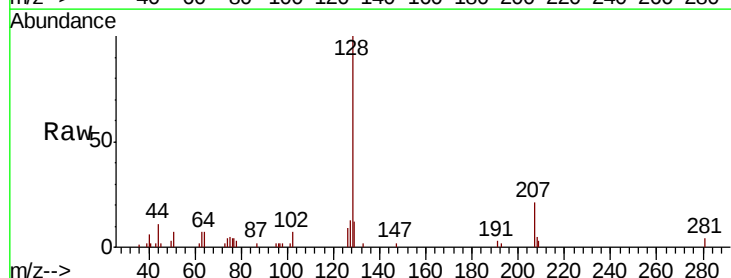
Tgt Ion:128 Resp: 19138

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.9 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

