

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006231.D
 Acq On : 30 Nov 2018 15:36
 Operator : JC/MD
 Sample : J5770-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-112918-A

Quant Time: Nov 30 23:58:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

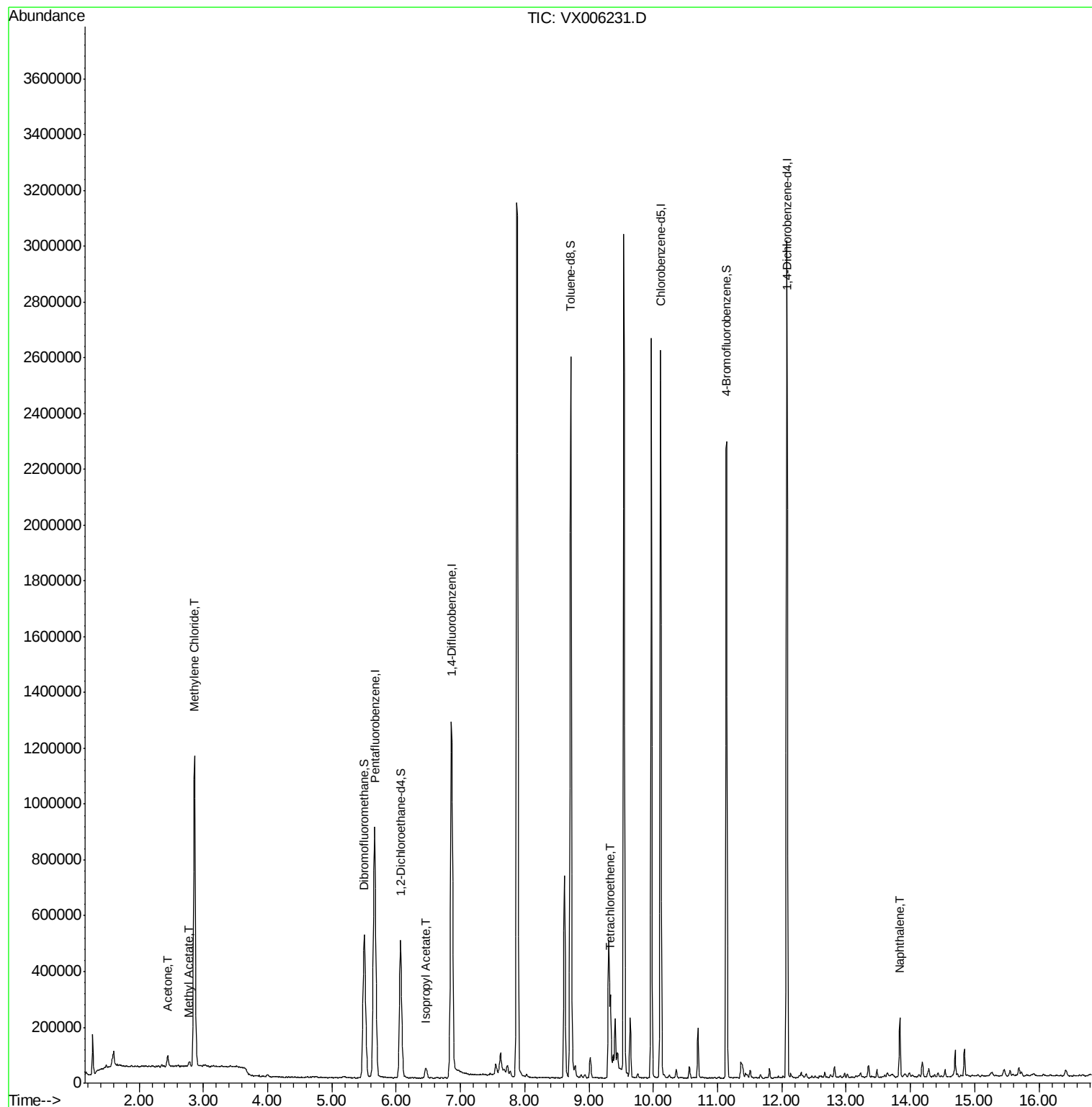
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	938127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1399517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1282201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	651889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	454095	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	5.50	113	444328	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	1635276	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	617401	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
16) Acetone	2.45	43	44030	9.797	ug/l	92
18) Methyl Acetate	2.78	43	21448	1.427	ug/l	100
20) Methylene Chloride	2.86	84	512172	53.546	ug/l	99
43) Isopropyl Acetate	6.46	43	53141	2.415	ug/l	100
64) Tetrachloroethene	9.34	164	50041	5.182	ug/l	91
95) Naphthalene	13.83	128	134382	2.684	ug/l	98

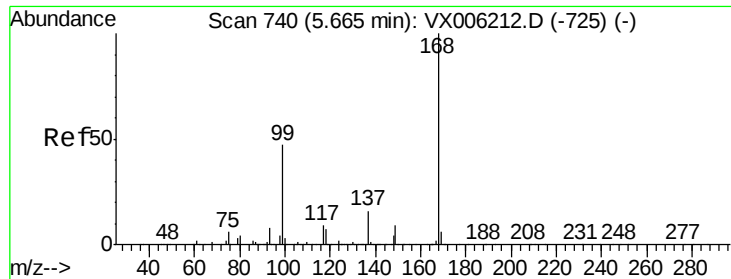
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

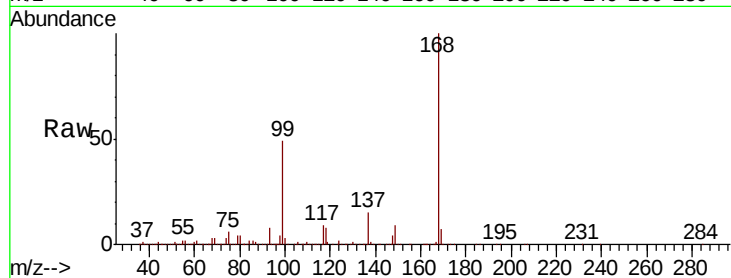
OR-03-112918-A

Tot Ion:168 Resp: 938127

Ion Ratio Lower Upper

168 100

99 49.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

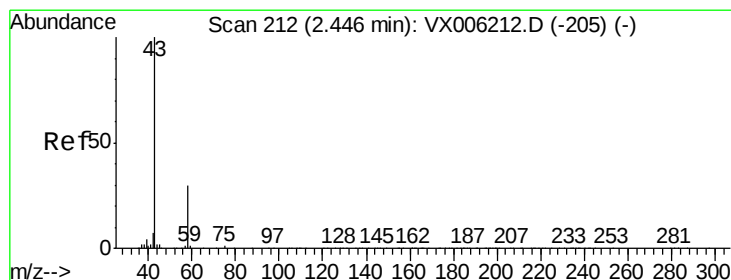
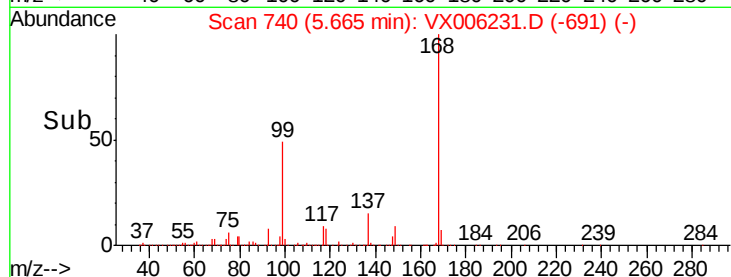
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.797 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006231.D

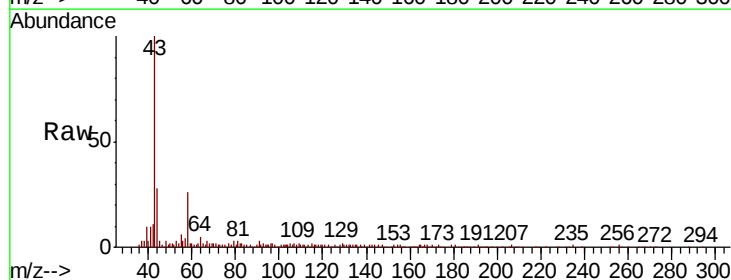
Acq: 30 Nov 2018 15:36

Tgt Ion: 43 Resp: 44030

Ion Ratio Lower Upper

43 100

58 25.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

15000

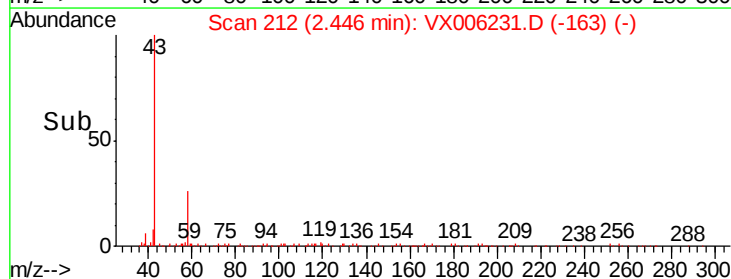
10000

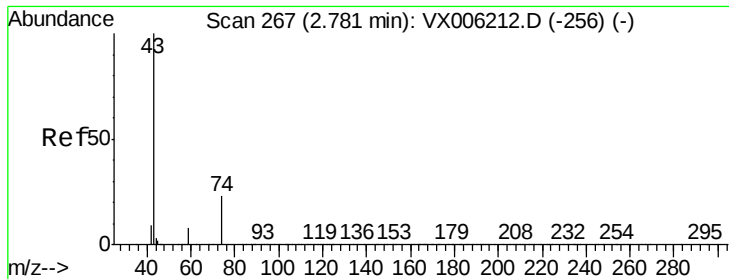
5000

0

Time-->

2.35 2.40 2.45 2.50

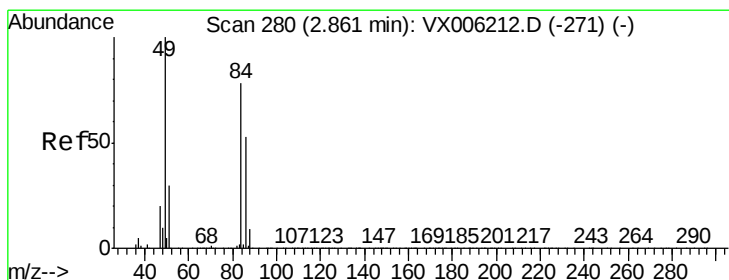
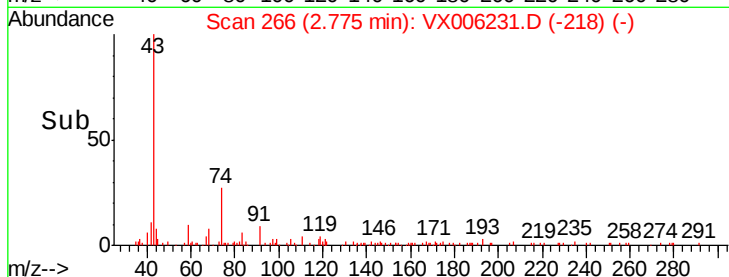
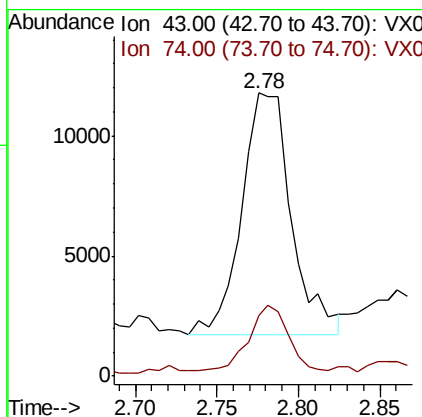
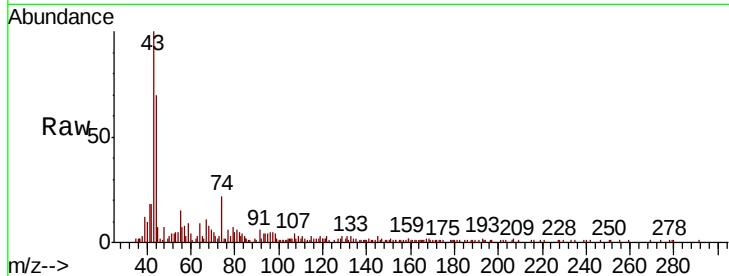




#18
Methyl Acetate
Concen: 1.427 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006231.D
Acq: 30 Nov 2018 15:36

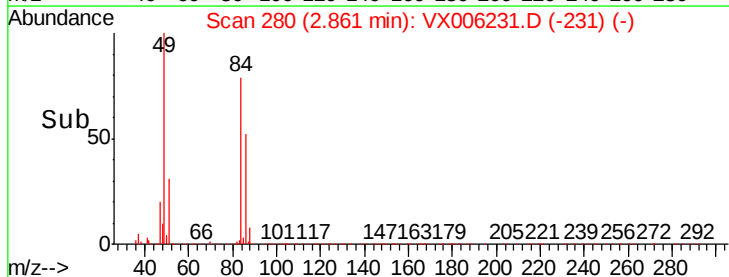
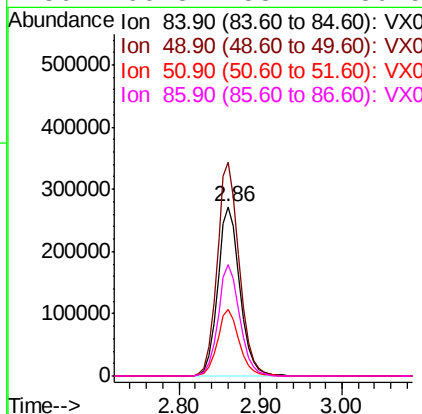
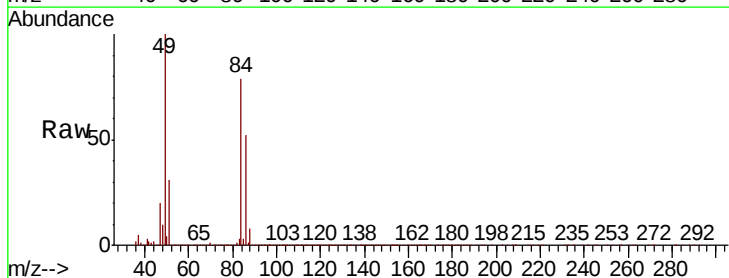
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

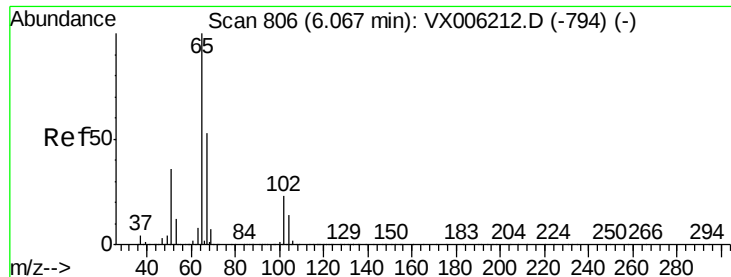
Tot Ion: 43 Resp: 21448
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 53.546 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006231.D
Acq: 30 Nov 2018 15:36

Tgt Ion: 84 Resp: 512172
Ion Ratio Lower Upper
84 100
49 126.4 102.2 153.4
51 39.0 31.1 46.7
86 66.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 47.416 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

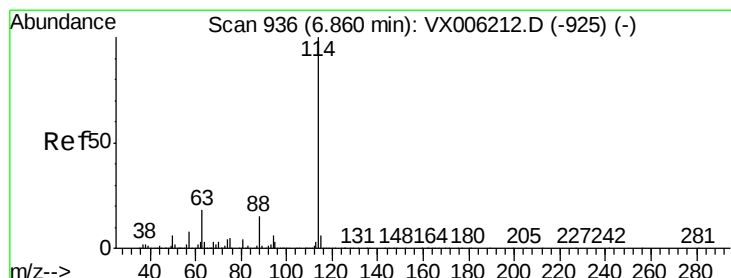
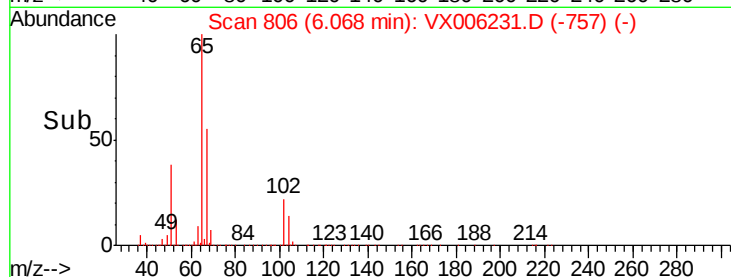
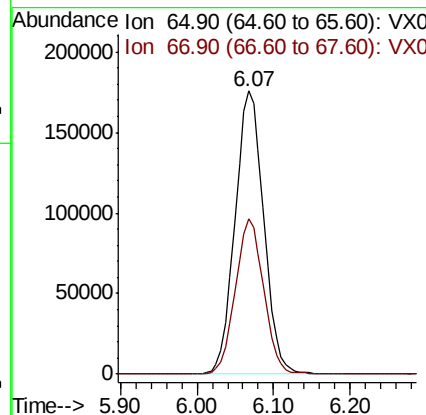
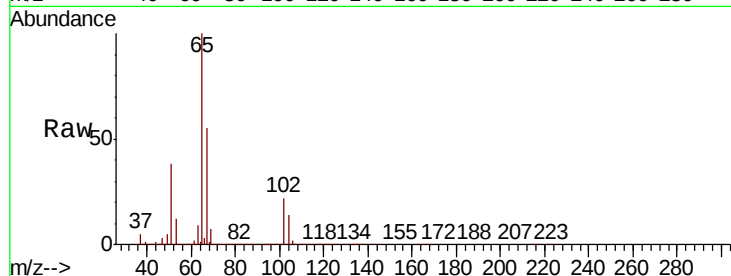
OR-03-112918-A

Tot Ion: 65 Resp: 454095

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

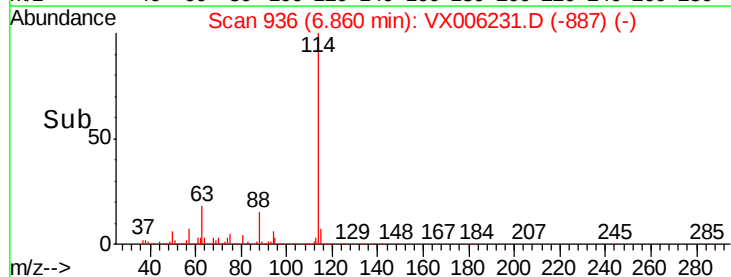
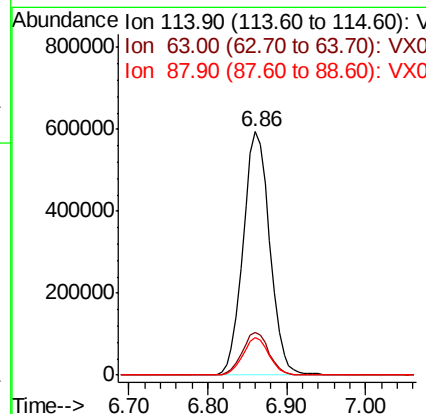
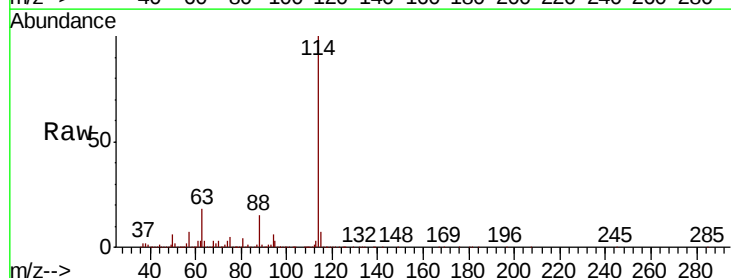
Tgt Ion: 114 Resp: 1399517

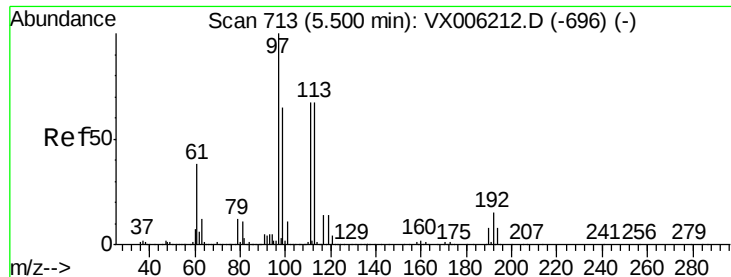
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.036 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-A

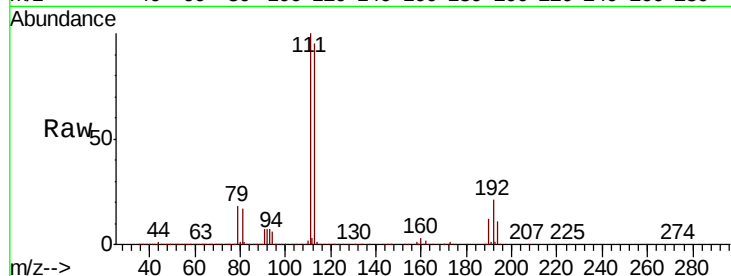
Tot Ion:113 Resp: 444328

Ion Ratio Lower Upper

113 100

111 101.1 81.1 121.7

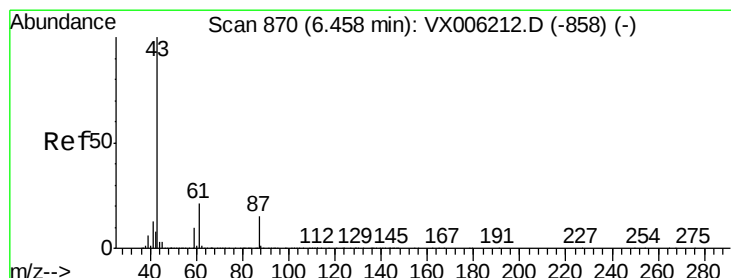
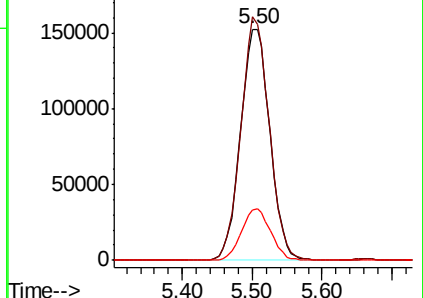
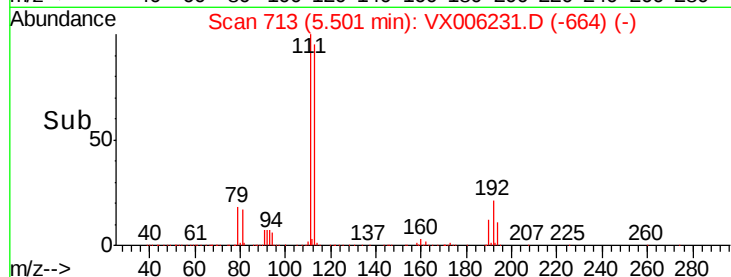
192 22.0 18.2 27.2



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



#43

Isopropyl Acetate

Concen: 2.415 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

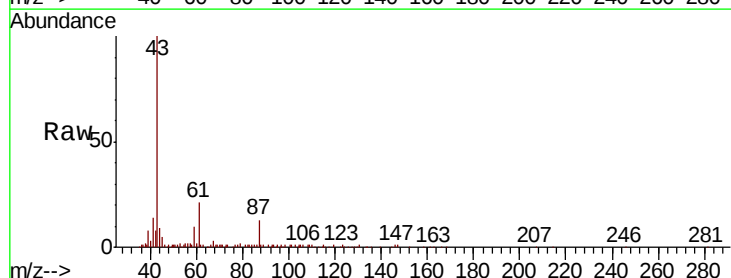
Tgt Ion: 43 Resp: 53141

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

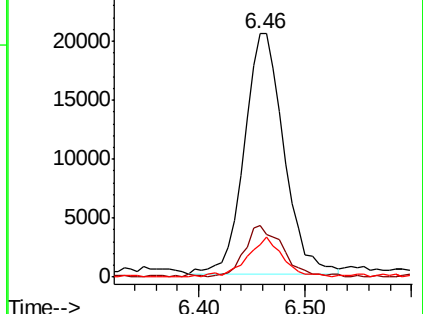
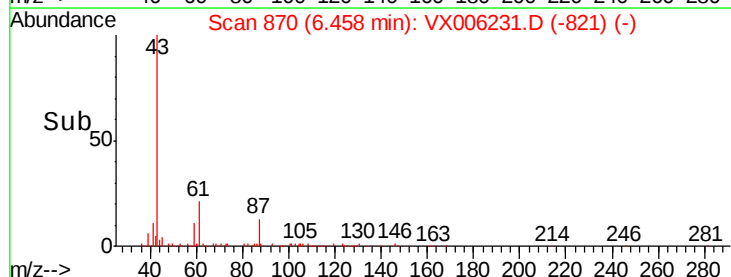
87 14.9 11.9 17.9

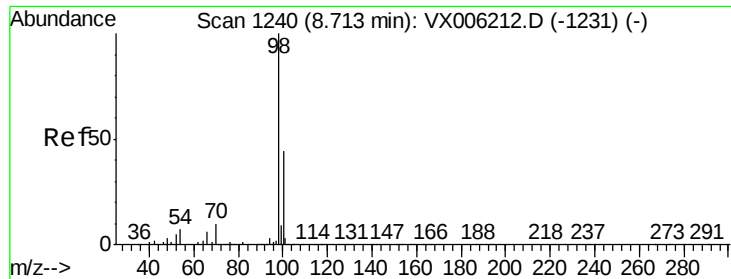


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.614 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

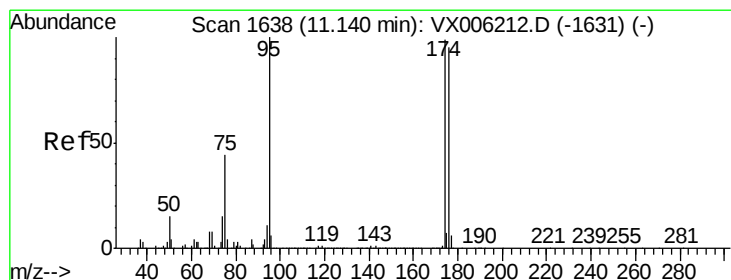
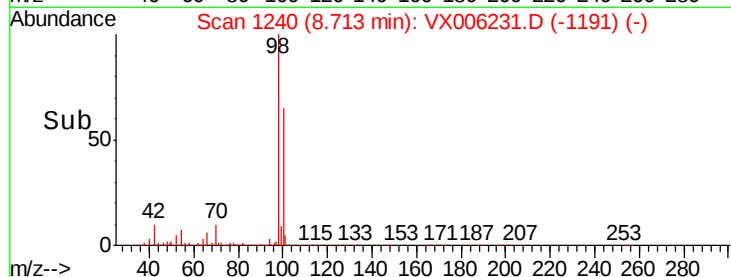
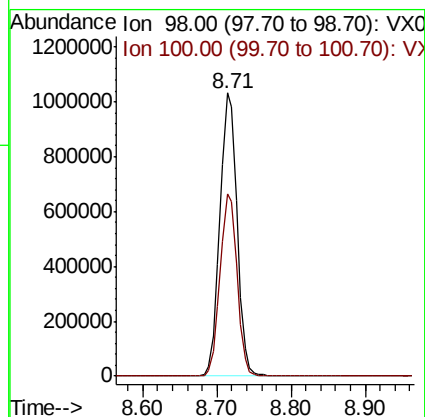
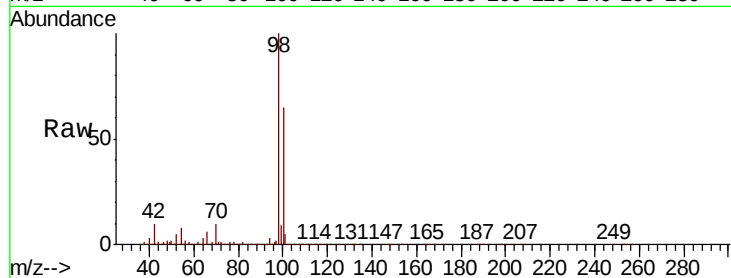
OR-03-112918-A

Tot Ion: 98 Resp: 1635276

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.709 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

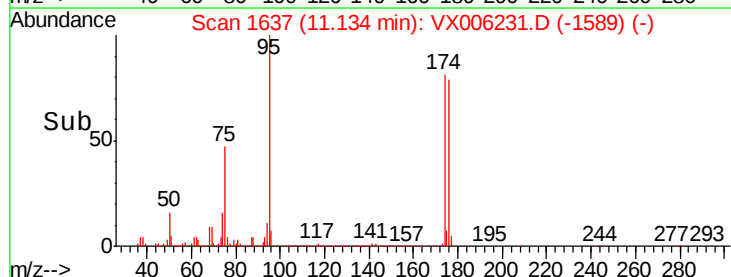
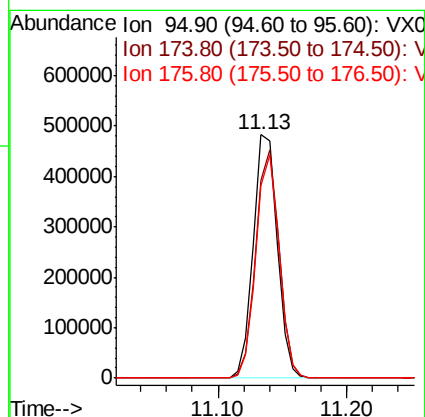
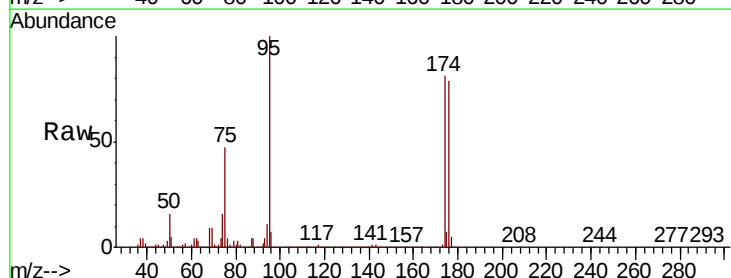
Tgt Ion: 95 Resp: 617401

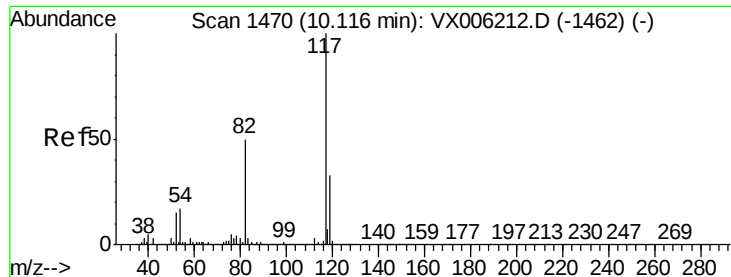
Ion Ratio Lower Upper

95 100

174 91.1 0.0 187.0

176 88.8 0.0 181.8

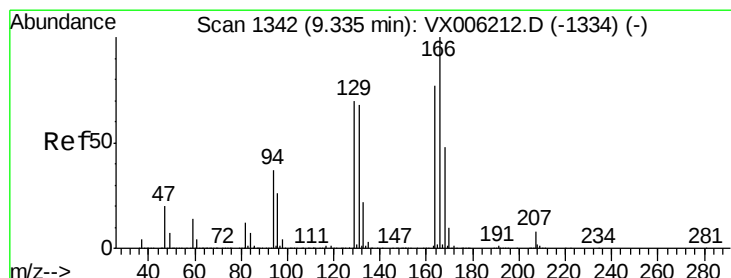
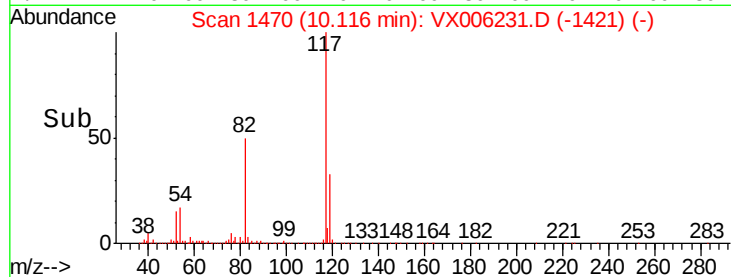
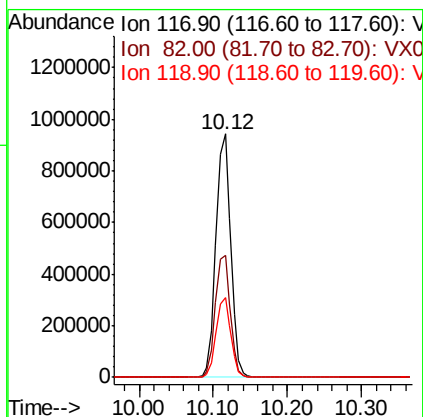
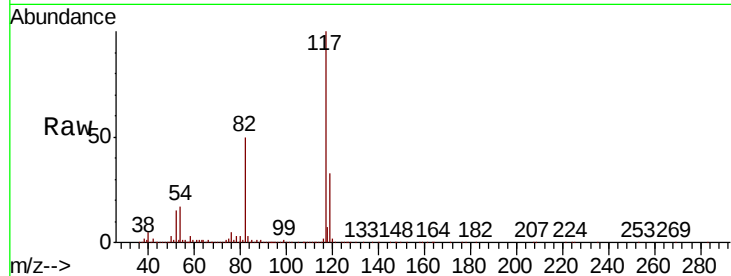




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006231.D
Acq: 30 Nov 2018 15:36

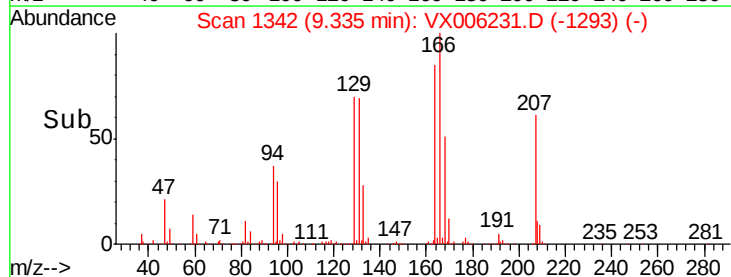
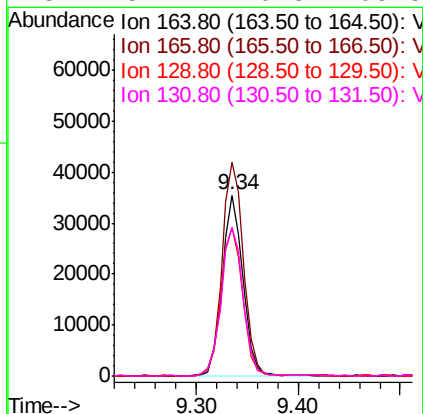
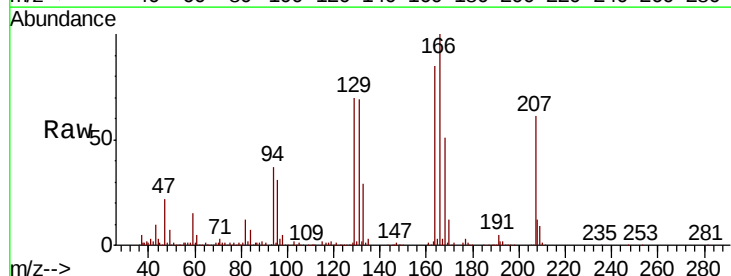
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

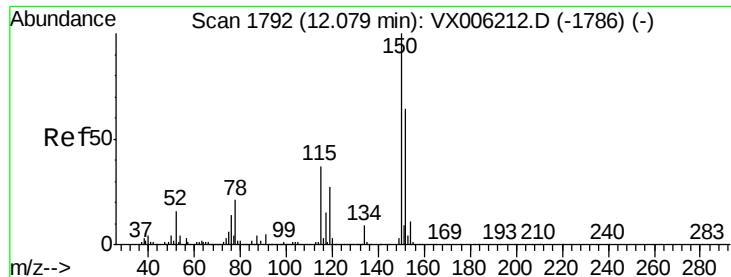
Tot Ion:117 Resp: 1282201
Ion Ratio Lower Upper
117 100
82 50.1 39.6 59.4
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 5.182 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006231.D
Acq: 30 Nov 2018 15:36

Tgt Ion:164 Resp: 50041
Ion Ratio Lower Upper
164 100
166 118.2 104.2 156.2
129 82.5 72.6 108.8
131 81.7 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-A

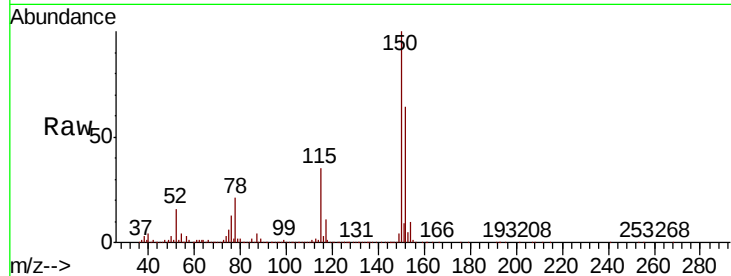
Tot Ion:152 Resp: 651889

Ion Ratio Lower Upper

152 100

115 55.3 39.0 116.9

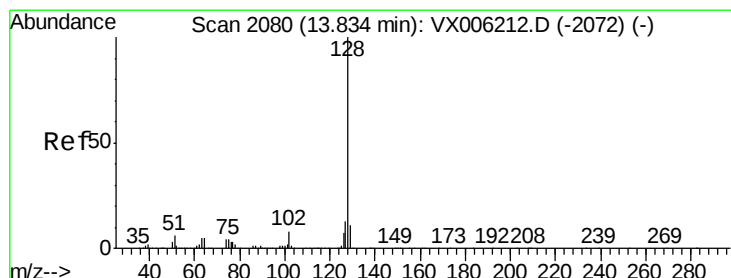
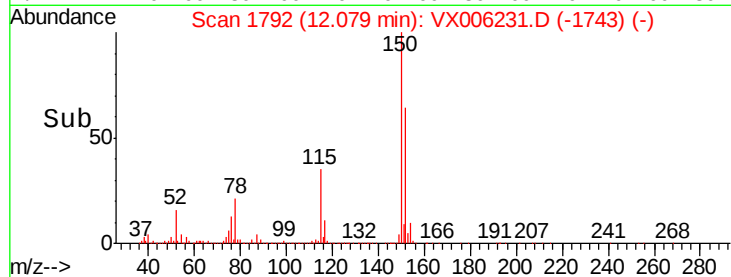
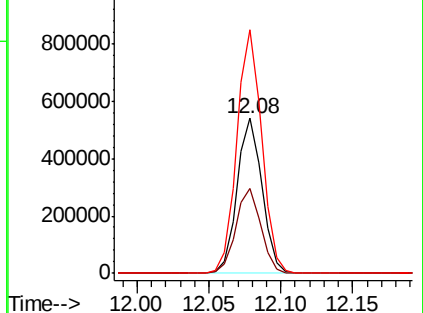
150 157.1 0.0 345.8



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



#95

Naphthalene

Concen: 2.684 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006231.D

Acq: 30 Nov 2018 15:36

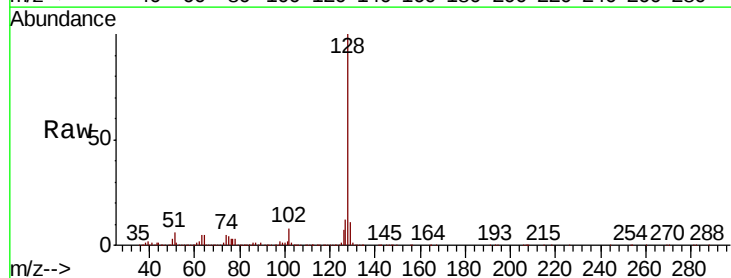
Tgt Ion:128 Resp: 134382

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.8 8.9 13.3



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

