

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003273.D
 Acq On : 10 Jul 2018 04:30
 Operator : JC/MD
 Sample : J3897-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STOCK-PILE-A

Quant Time: Jul 10 05:23:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	160274	41.27	ug/l	0.00
Spiked Amount			Recovery	=	82.54%	
35) Dibromofluoromethane	5.51	113	137442	36.74	ug/l	0.00
Spiked Amount			Recovery	=	73.48%	
50) Toluene-d8	8.72	98	492010	37.03	ug/l	0.00
Spiked Amount			Recovery	=	74.06%	
62) 4-Bromofluorobenzene	11.14	95	174299	35.50	ug/l	0.00
Spiked Amount			Recovery	=	71.00%	

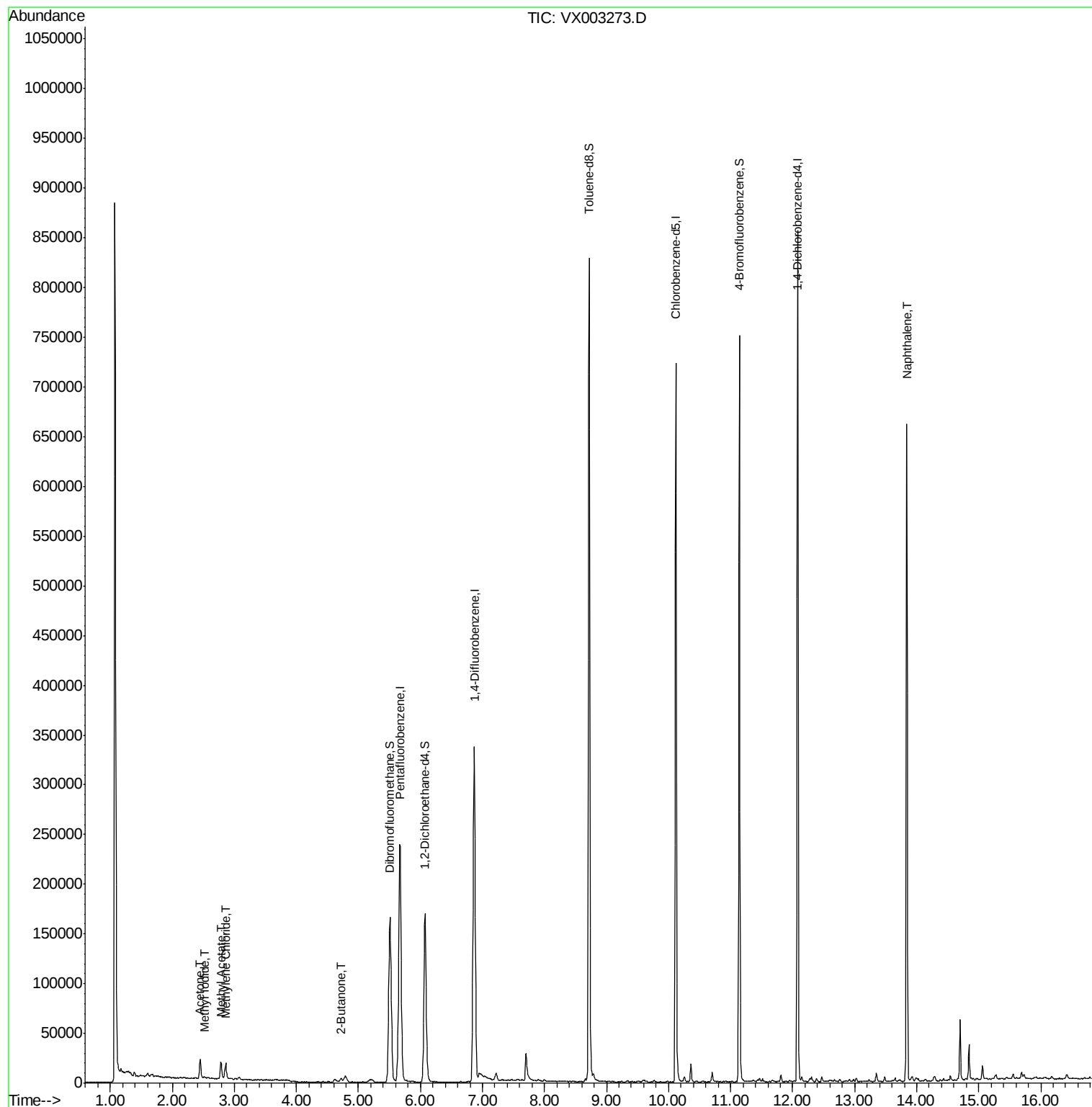
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1607	6.07	ug/l	99
16) Acetone	2.45	43	20457	14.84	ug/l	96
18) Methyl Acetate	2.78	43	20833	5.36	ug/l	94
20) Methylene Chloride	2.86	84	7149	1.85	ug/l	96
25) 2-Butanone	4.72	43	6503	2.67	ug/l	96
95) Naphthalene	13.84	128	436710	28.65	ug/l	100

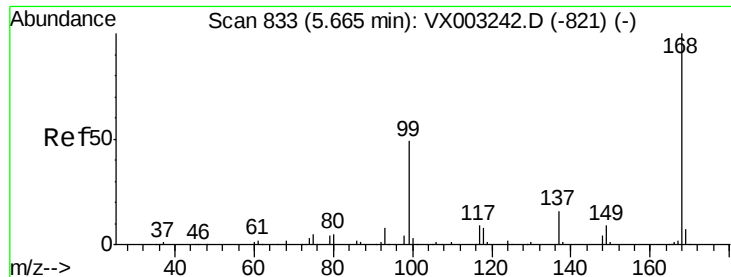
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003273.D
Acq On : 10 Jul 2018 04:30
Operator : JC/MD
Sample : J3897-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE-A

Quant Time: Jul 10 05:23:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003273.D

Acq: 10 Jul 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

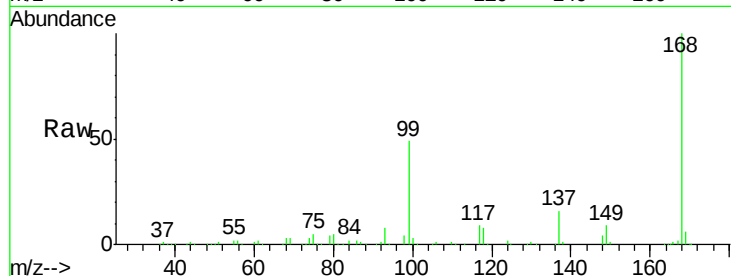
STOCK-PILE-A

Tot Ion:168 Resp: 246784

Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

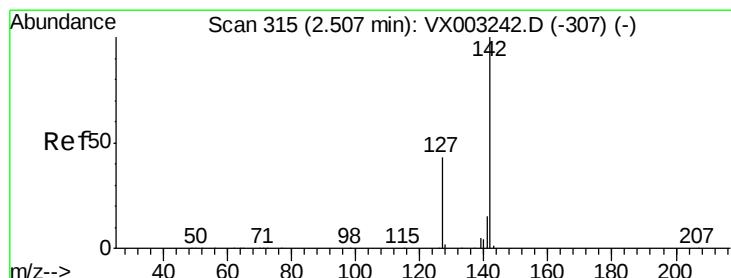
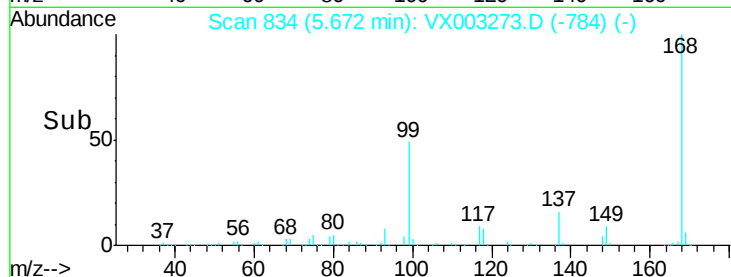
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.07 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003273.D

Acq: 10 Jul 2018 04:30

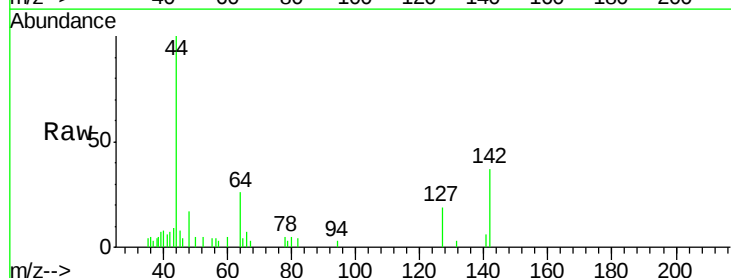
Tgt Ion:142 Resp: 1607

Ion Ratio Lower Upper

142 100

127 45.1 36.6 55.0

141 14.9 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

800

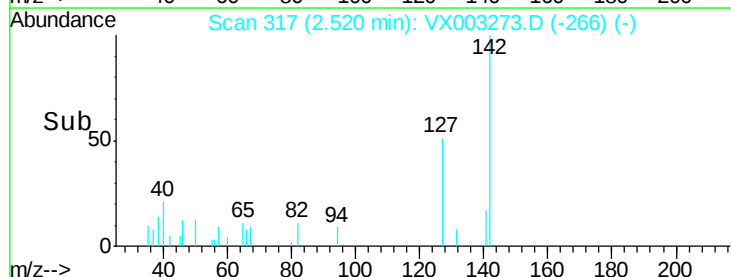
600

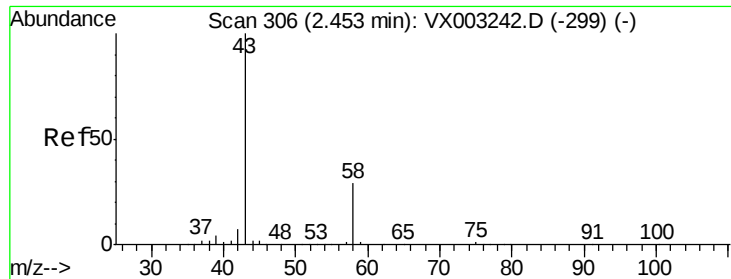
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 14.84 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003273.D

Acq: 10 Jul 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

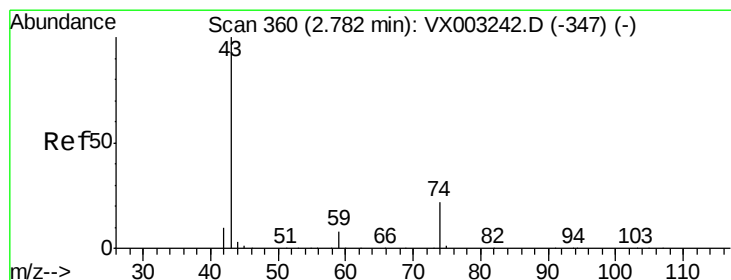
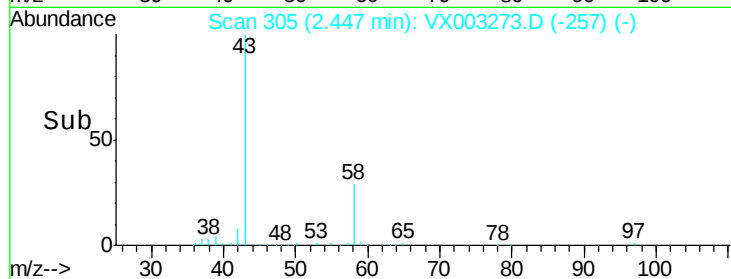
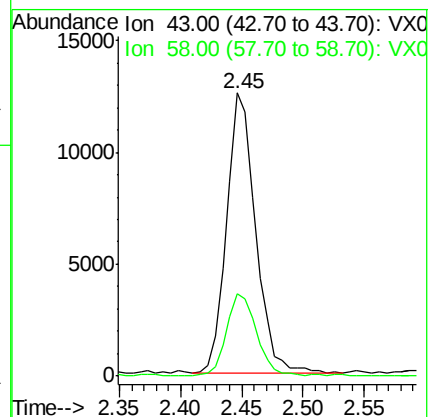
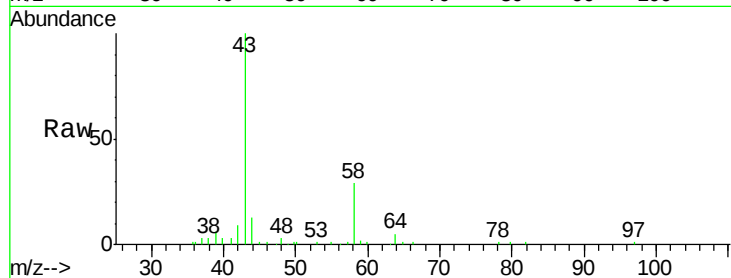
STOCK-PILE-A

Tot Ion: 43 Resp: 20457

Ion Ratio Lower Upper

43 100

58 29.5 22.1 33.1



#18

Methyl Acetate

Concen: 5.36 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003273.D

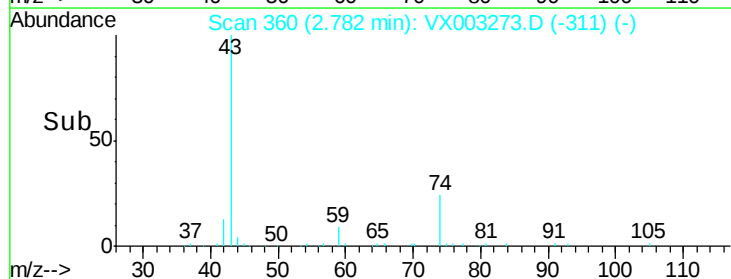
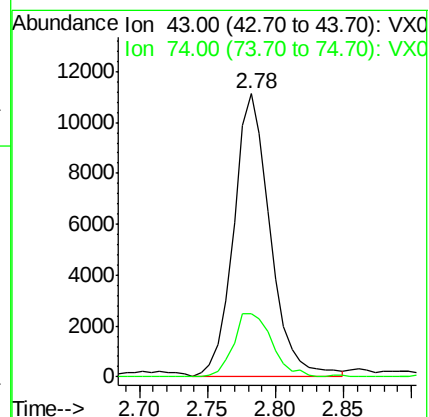
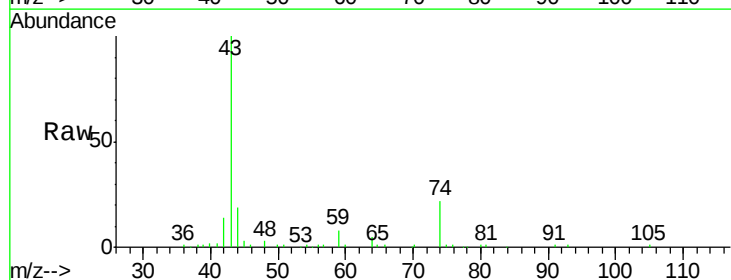
Acq: 10 Jul 2018 04:30

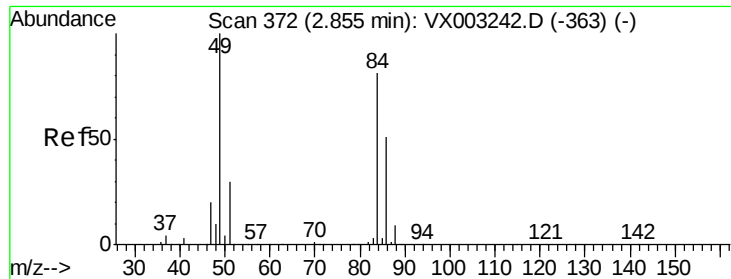
Tgt Ion: 43 Resp: 20833

Ion Ratio Lower Upper

43 100

74 23.6 16.7 25.1

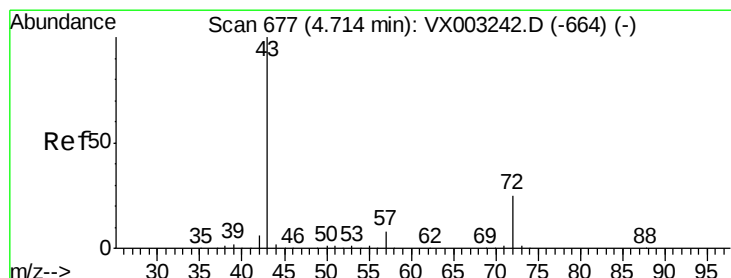
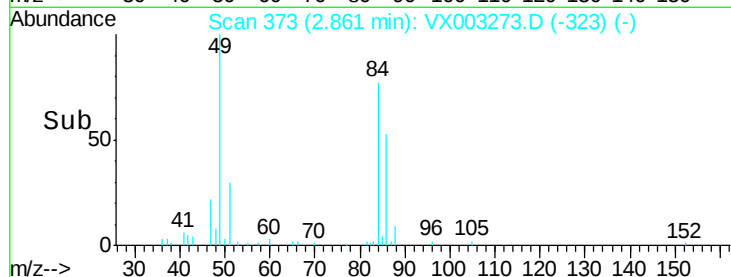
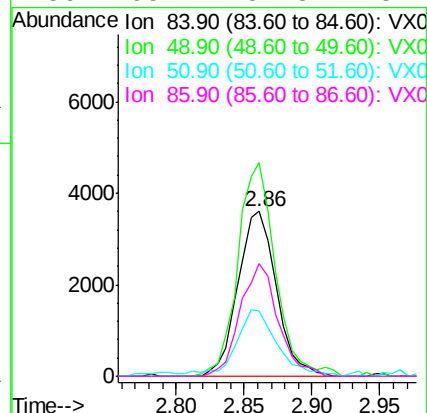
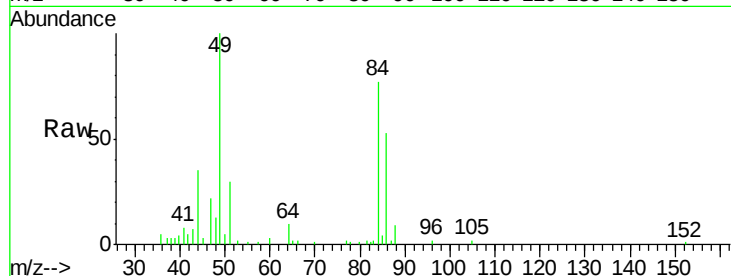




#20
Methylene Chloride
Concen: 1.85 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003273.D
Acq: 10 Jul 2018 04:30

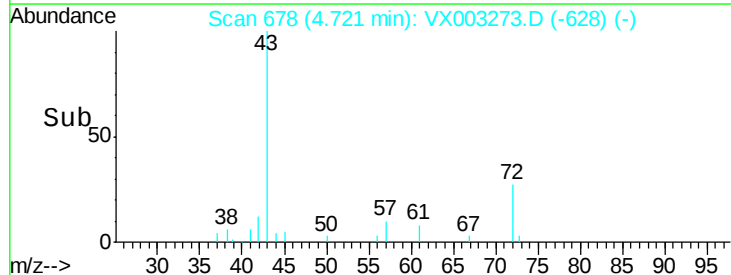
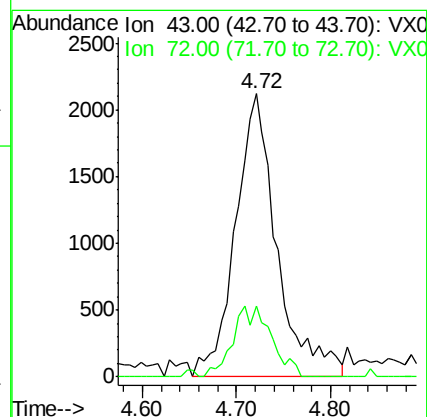
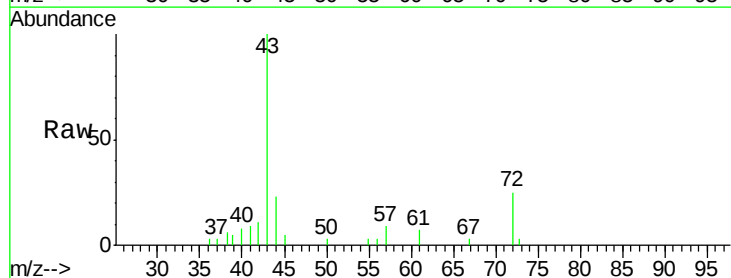
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE-A

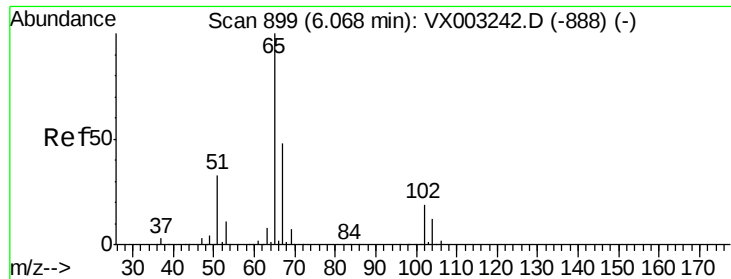
Tot Ion: 84 Resp: 7149
Ion Ratio Lower Upper
84 100
49 129.6 107.8 161.6
51 39.4 32.8 49.2
86 68.4 52.5 78.7



#25
2-Butanone
Concen: 2.67 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003273.D
Acq: 10 Jul 2018 04:30

Tgt Ion: 43 Resp: 6503
Ion Ratio Lower Upper
43 100
72 25.2 18.5 27.7

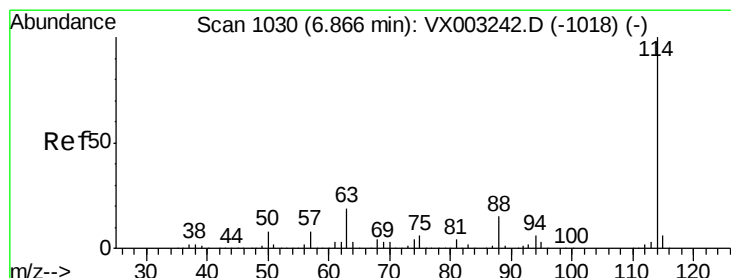
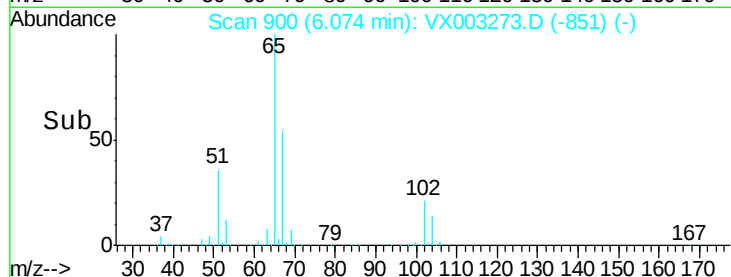
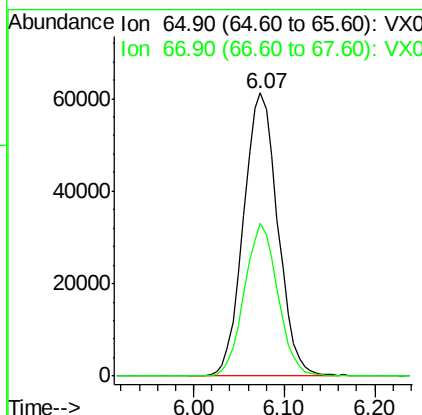
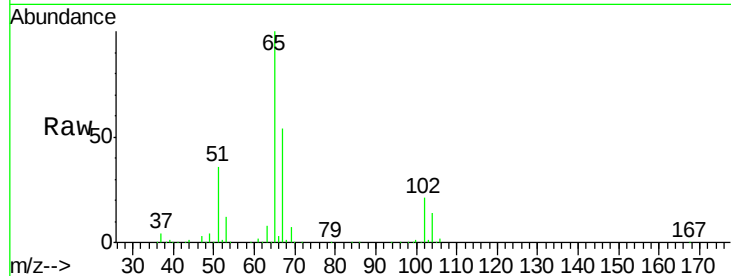




#33
 1,2-Dichloroethane-d4
 Concen: 41.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003273.D
 Acq: 10 Jul 2018 04:30

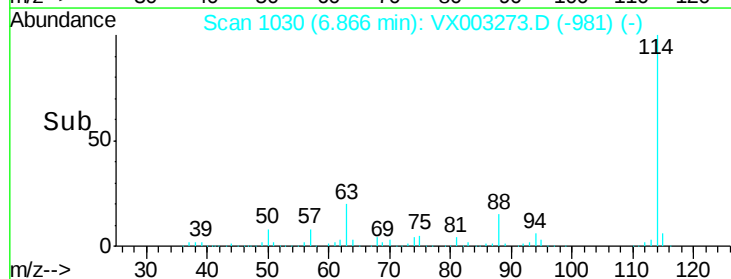
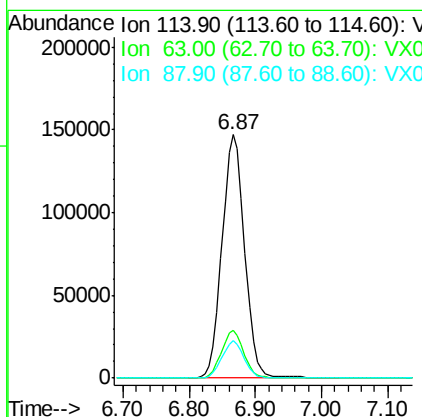
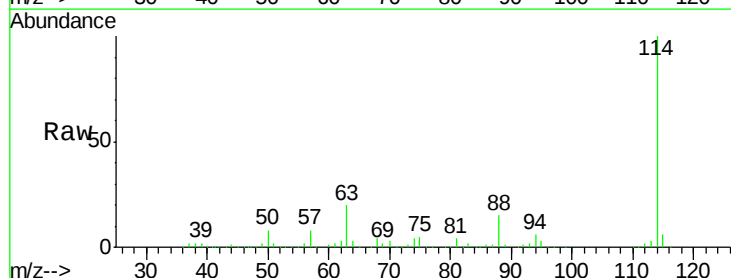
Instrument :
 MSVOA_X
 ClientSampleId :
 STOCK-PILE-A

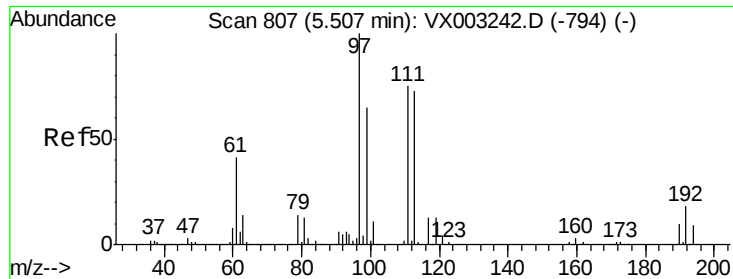
Tot Ion: 65 Resp: 160274
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003273.D
 Acq: 10 Jul 2018 04:30

Tgt Ion: 114 Resp: 348198
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.3 0.0 30.0

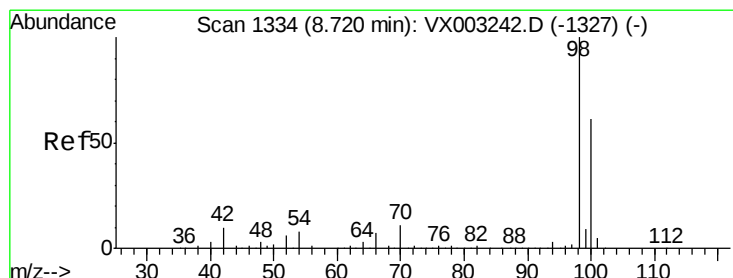
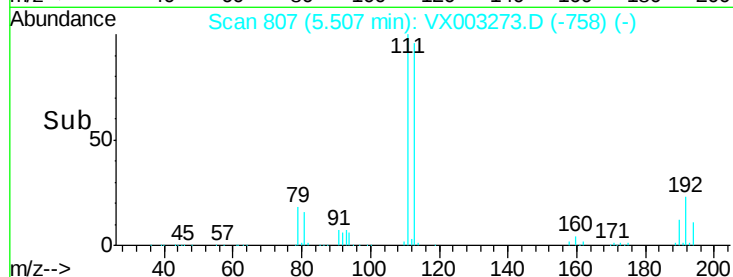
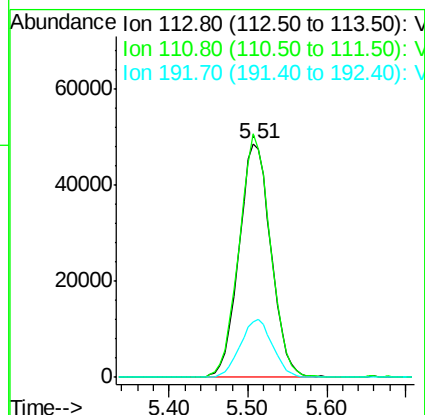
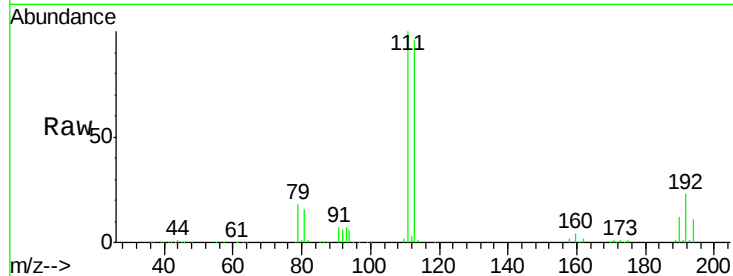




#35
 Dibromofluoromethane
 Concen: 36.74 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003273.D
 Acq: 10 Jul 2018 04:30

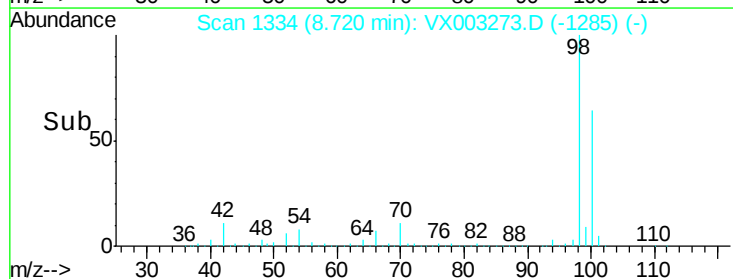
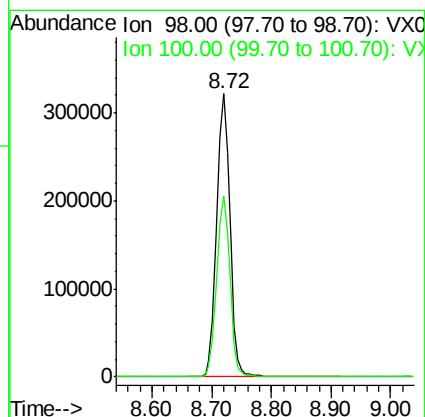
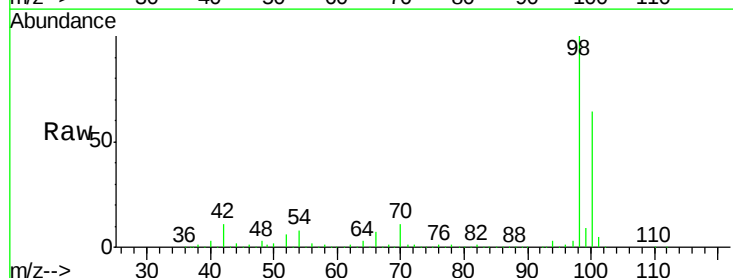
Instrument :
 MSVOA_X
 ClientSampleId :
 STOCK-PILE-A

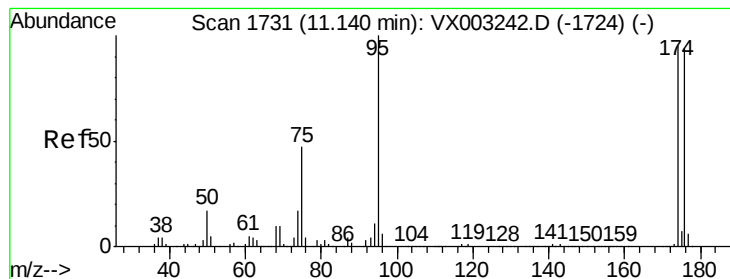
Tot Ion:113 Resp: 137442
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 25.1 19.1 28.7



#50
 Toluene-d8
 Concen: 37.03 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX003273.D
 Acq: 10 Jul 2018 04:30

Tgt Ion: 98 Resp: 492010
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 35.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003273.D

Acq: 10 Jul 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

STOCK-PILE-A

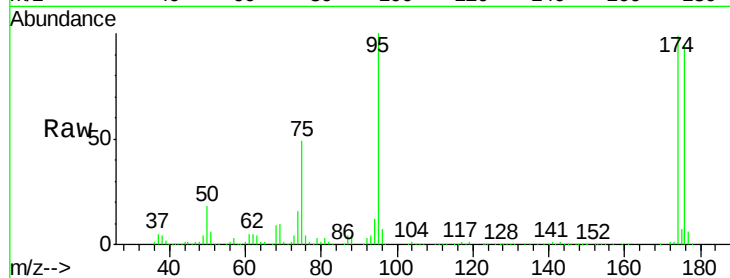
Tot Ion: 95 Resp: 174299

Ion Ratio Lower Upper

95 100

174 100.4 0.0 187.4

176 96.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003273.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003273.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003273.D (-1682) (-)

11.14

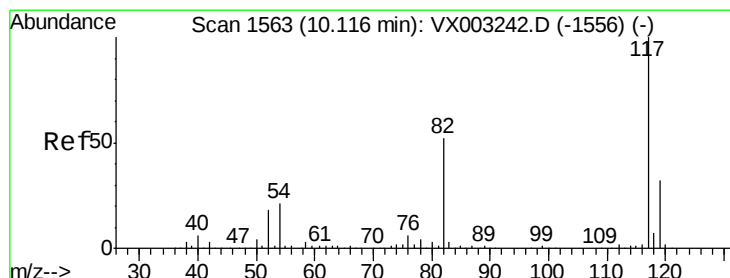
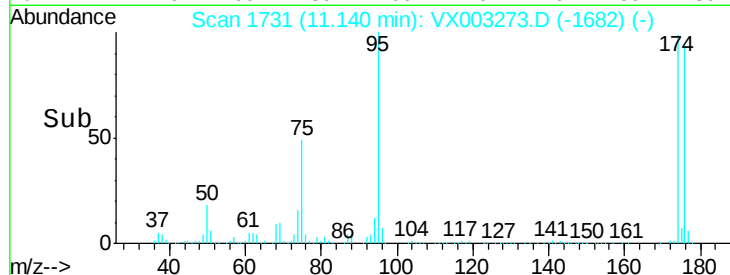
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003273.D

Acq: 10 Jul 2018 04:30

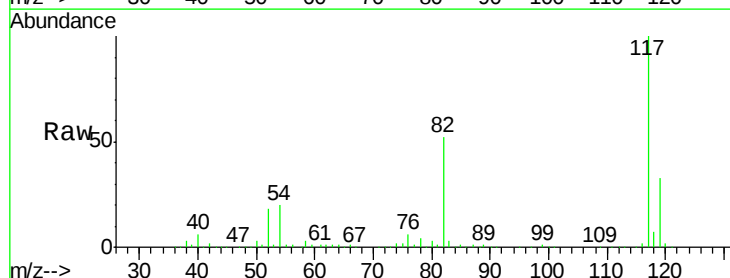
Tgt Ion: 117 Resp: 326596

Ion Ratio Lower Upper

117 100

82 52.3 45.0 67.4

119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX003273.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003273.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003273.D (-1514) (-)

10.12

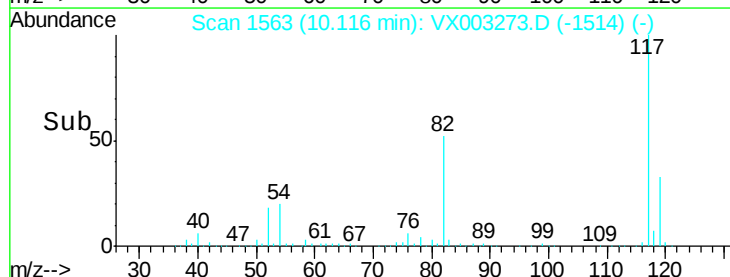
300000

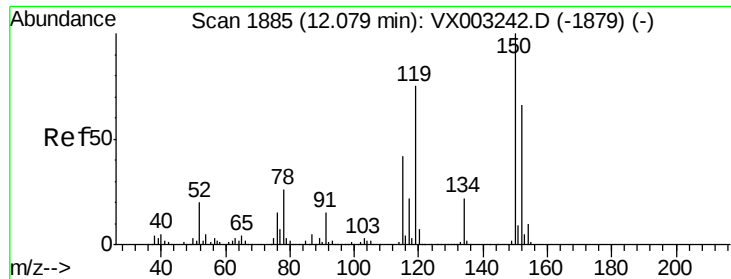
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003273.D

Acq: 10 Jul 2018 04:30

Instrument :

MSVOA_X

ClientSampleId :

STOCK-PILE-A

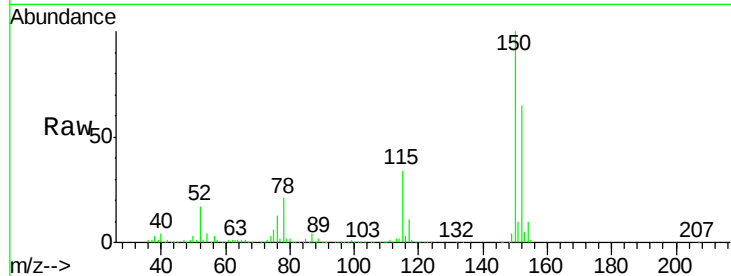
Tot Ion:152 Resp: 190618

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

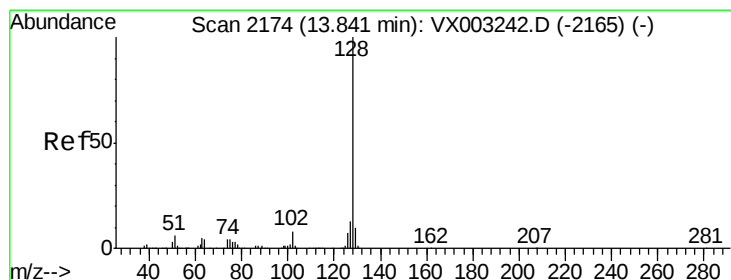
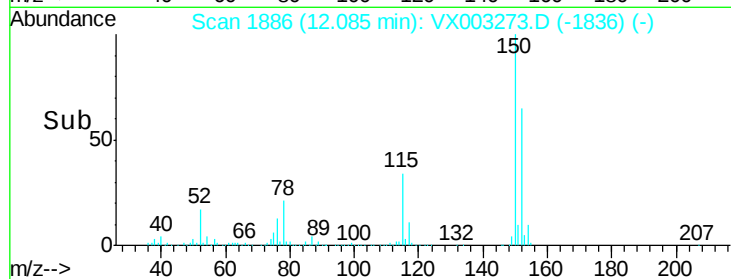
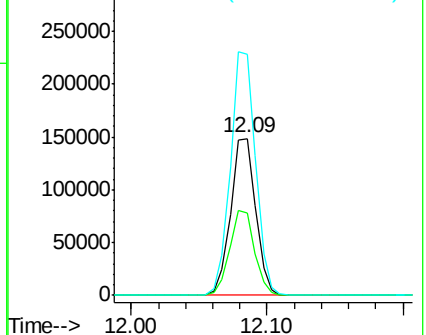
150 155.6 0.0 347.2



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: 28.65 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003273.D

Acq: 10 Jul 2018 04:30

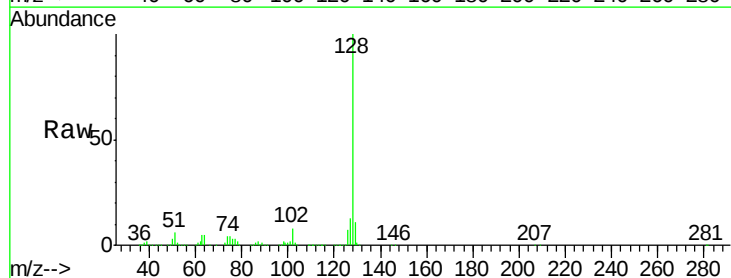
Tgt Ion:128 Resp: 436710

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.6 13.0



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

