

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006650.D
 Acq On : 05 Nov 2018 21:16
 Operator : SY/AP
 Sample : J5700-04RE
 Misc : 5.63G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-4RE

Quant Time: Nov 06 01:59:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

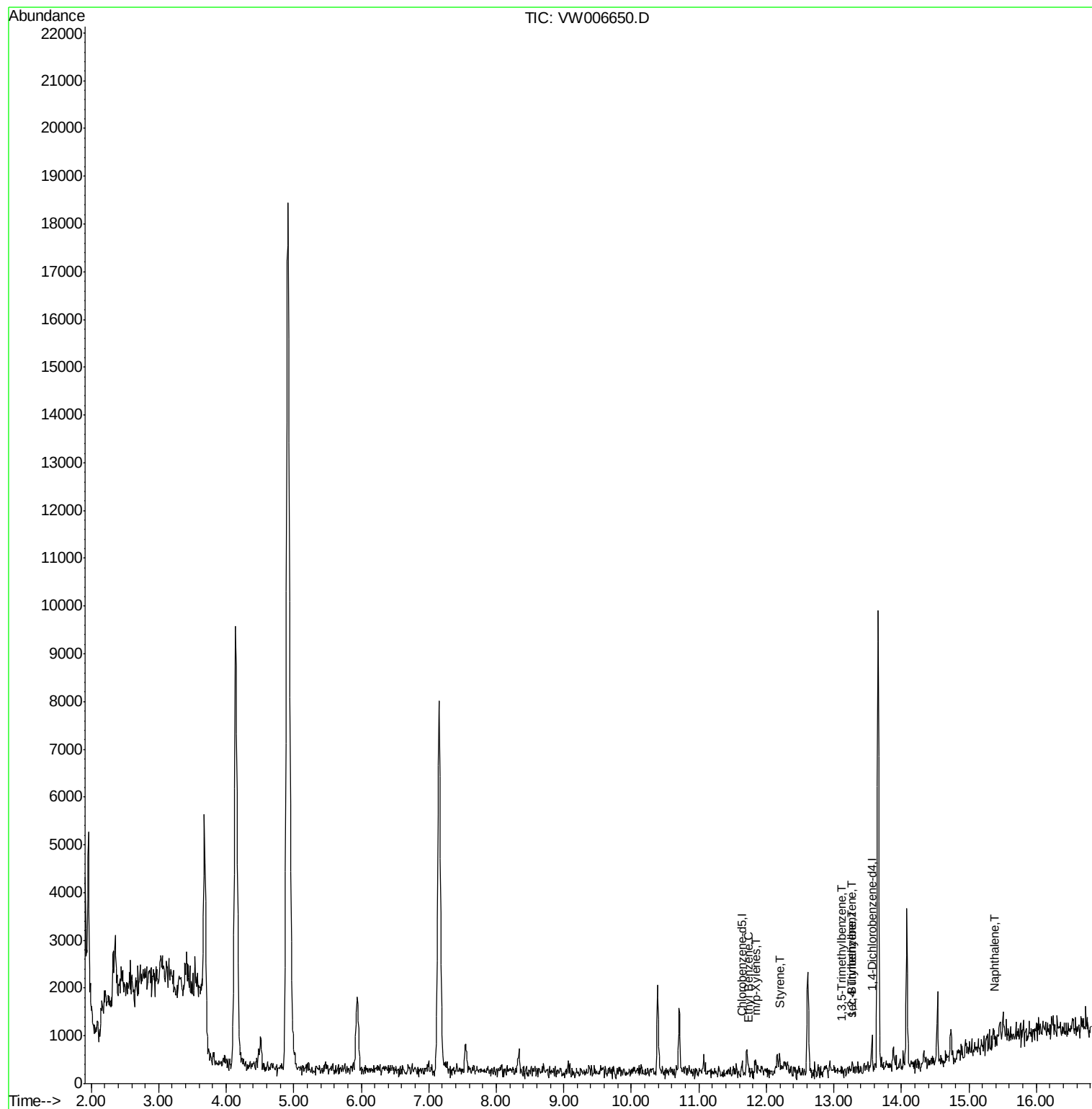
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.95
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.85
63) Chlorobenzene-d5	11.65	117	276	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.57	152	271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.33	98	46	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	12.62	95	111	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.74	91	97	9.992	ug/l #	42
68) m/p-Xylenes	11.85	106	53	13.665	ug/l #	1
70) Styrene	12.19	104	174	28.905	ug/l #	27
80) 1,3,5-Trimethylbenzene	13.11	105	40	2.667	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.26	105	73	4.745	ug/l #	30
85) sec-Butylbenzene	13.26	105	73	3.897	ug/l #	55
95) Naphthalene	15.38	128	144	14.716	ug/l #	69

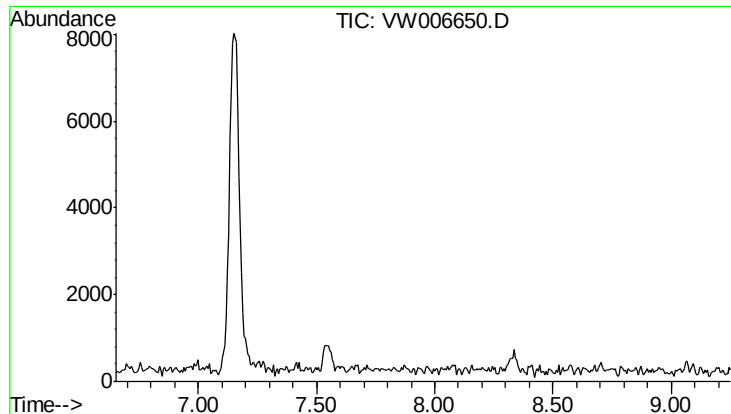
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.95 min

Lab File: VW006650.D

Acq: 05 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

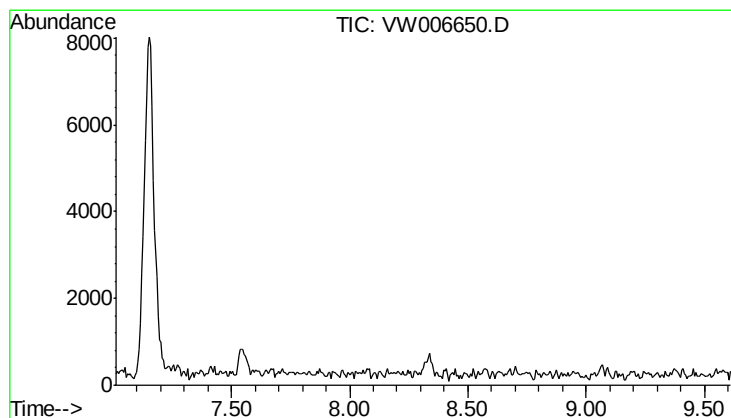
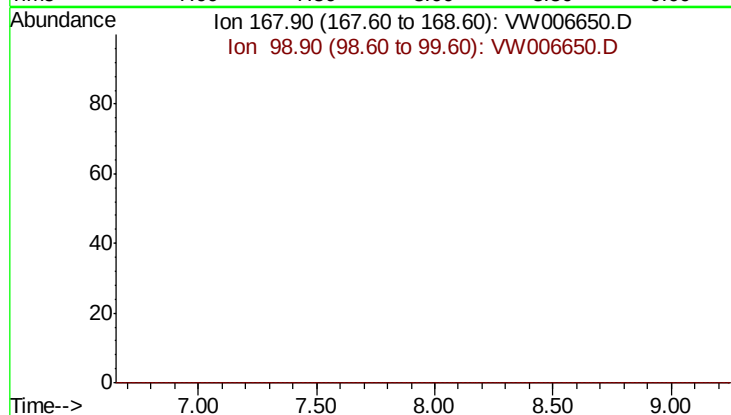
SI-4RE

Tgt Ion: 168

Sig Exp Ratio

168 100

99 46.7



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.31 min

Lab File: VW006650.D

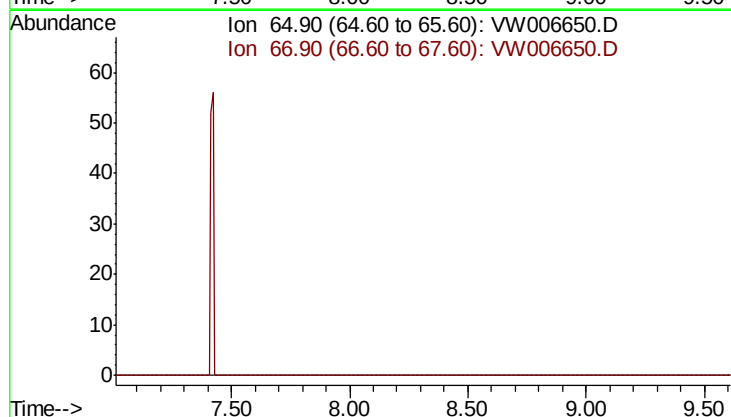
Acq: 05 Nov 2018 21:16

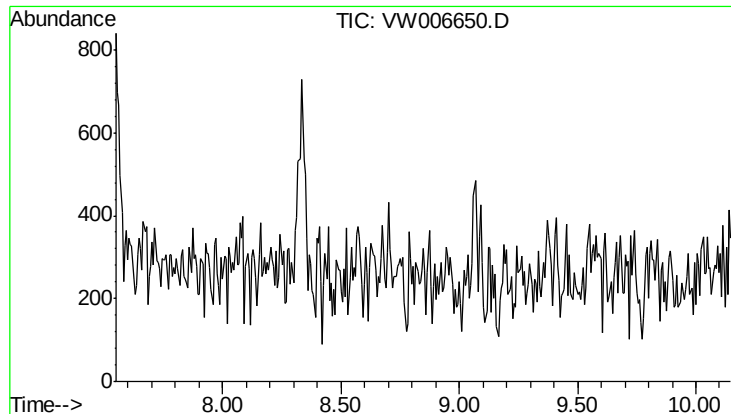
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.2

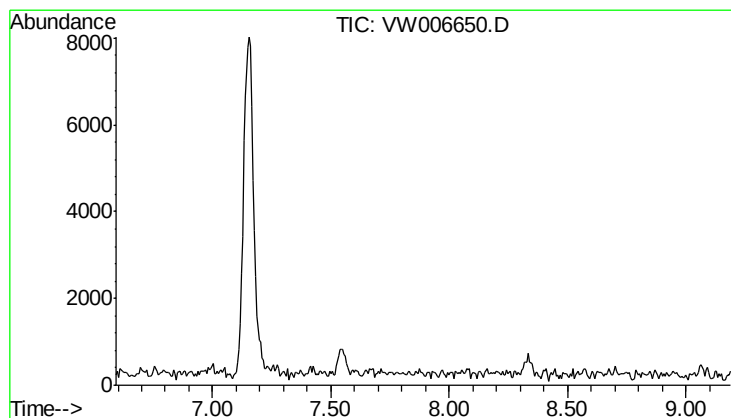
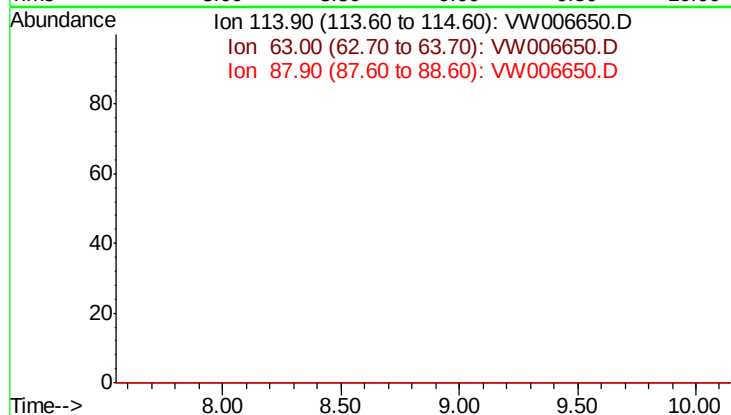




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.85 min
 Lab File: VW006650.D
 Acq: 05 Nov 2018 21:16

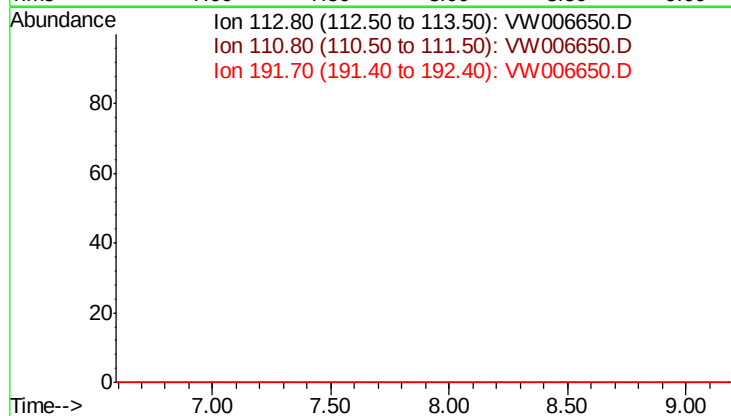
Instrument :
 MSVOA_W
 ClientSampleId :
 SI-4RE

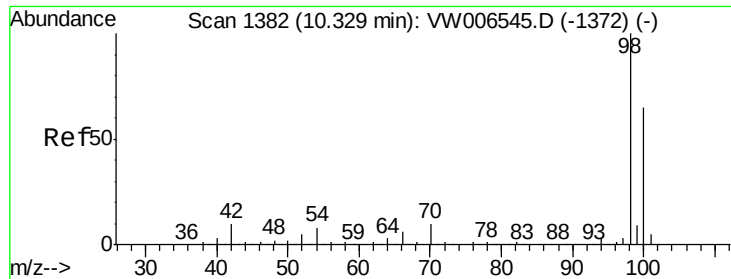
Tgt Ion	Exp Ratio
114	100
63	17.2
88	14.5



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.89 min
 Lab File: VW006650.D
 Acq: 05 Nov 2018 21:16

Tgt Ion	Exp Ratio
113	100
111	102.7
192	23.8





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006650.D

Acq: 05 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

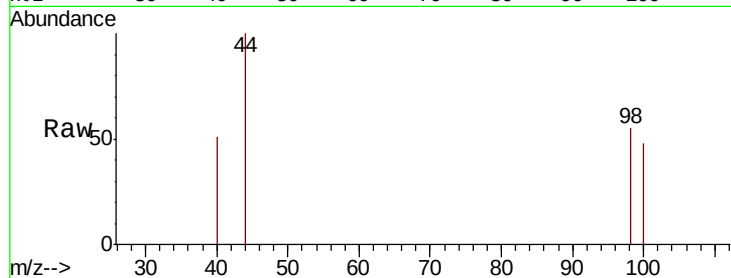
SI-4RE

Tgt Ion: 98 Resp: 46

Ion Ratio Lower Upper

98 100

100 43.5 51.6 77.4#



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

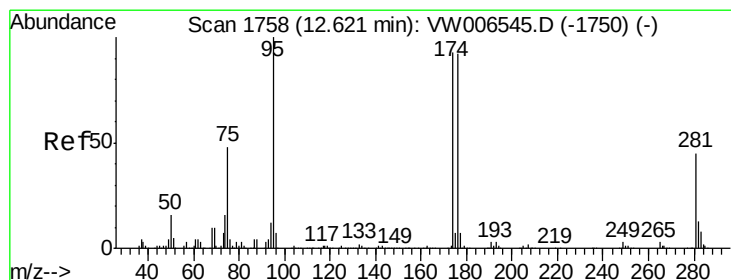
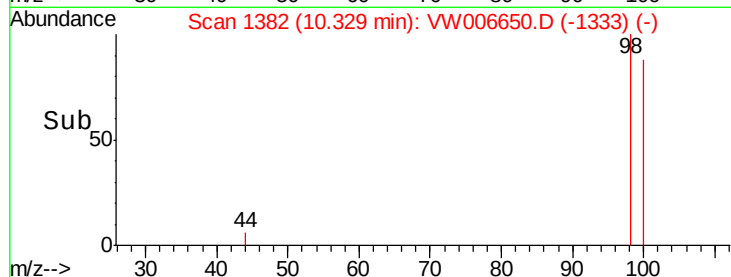
60

40

20

0

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW006650.D

Acq: 05 Nov 2018 21:16

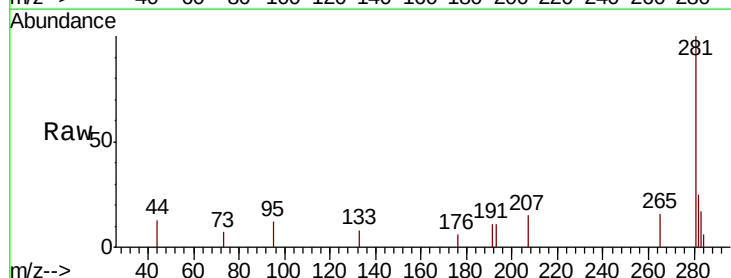
Tgt Ion: 95 Resp: 111

Ion Ratio Lower Upper

95 100

174 0.0 0.0 192.4

176 18.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

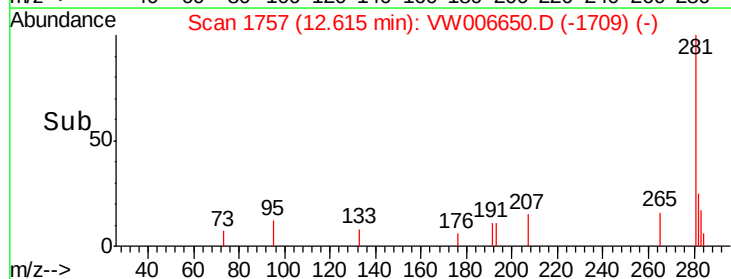
150

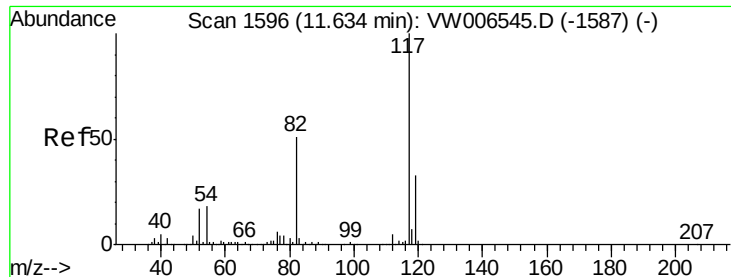
100

50

0

Time-->

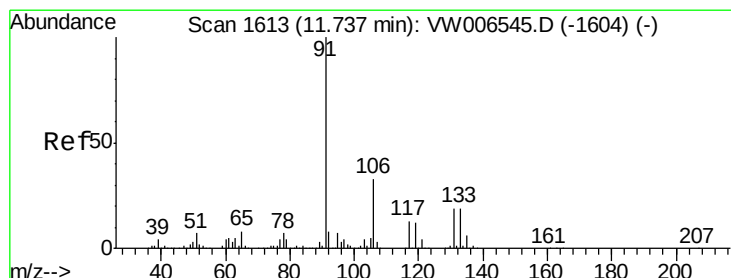
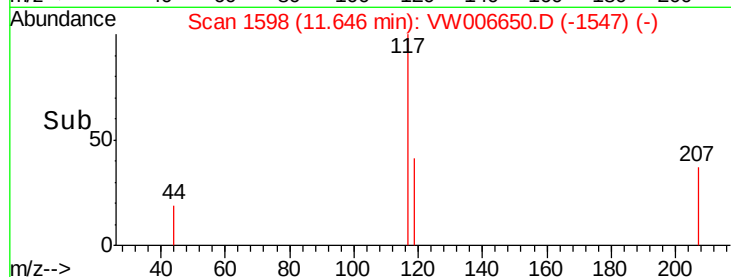
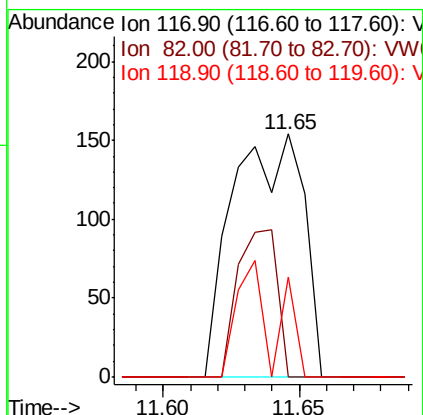
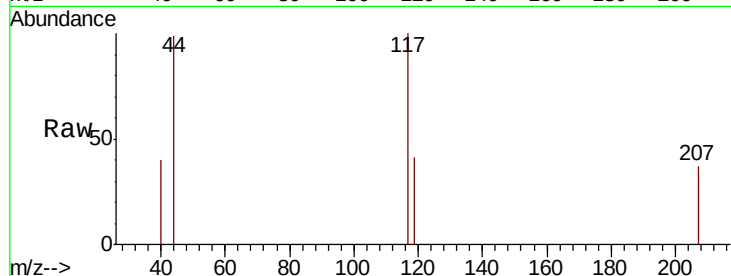




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1598
Delta R.T. 0.01 min
Lab File: VW006650.D
Acq: 05 Nov 2018 21:16

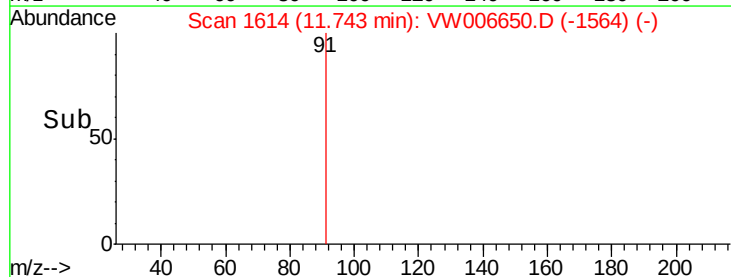
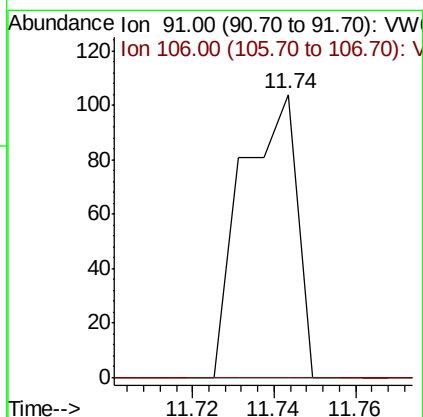
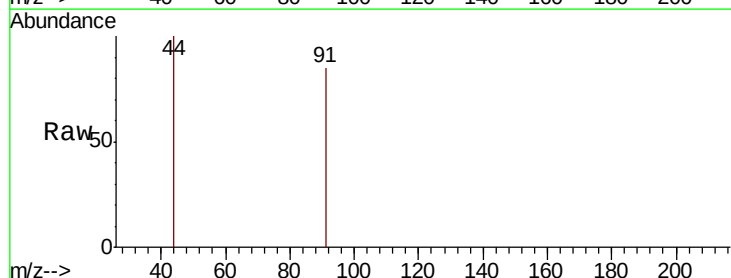
Instrument :
MSVOA_W
ClientSampleId :
SI-4RE

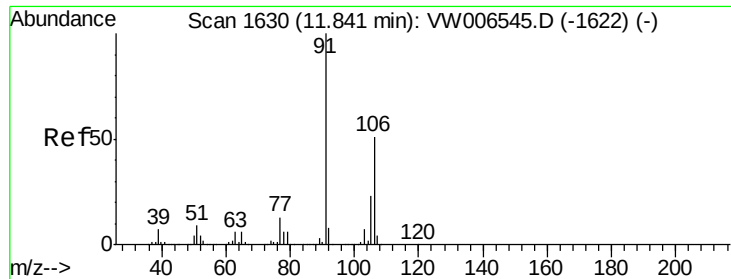
Tgt Ion: 117 Resp: 276
Ion Ratio Lower Upper
117 100
82 0.0 40.8 61.2#
119 40.9 26.1 39.1#



#67
Ethyl Benzene
Concen: 9.992 ug/l
RT: 11.74 min Scan# 1614
Delta R.T. 0.01 min
Lab File: VW006650.D
Acq: 05 Nov 2018 21:16

Tgt Ion: 91 Resp: 97
Ion Ratio Lower Upper
91 100
106 0.0 26.3 39.5#

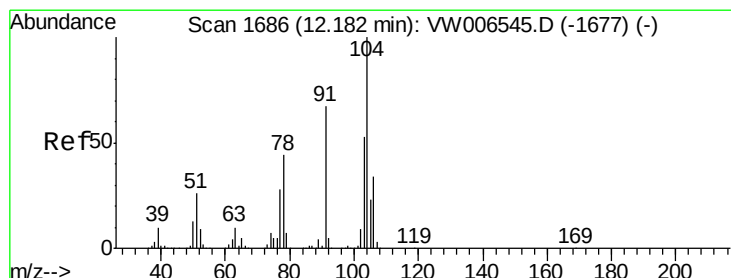
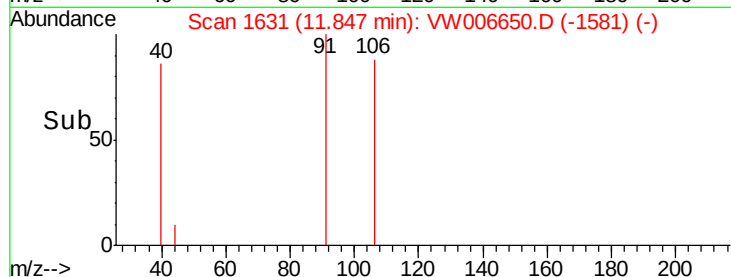
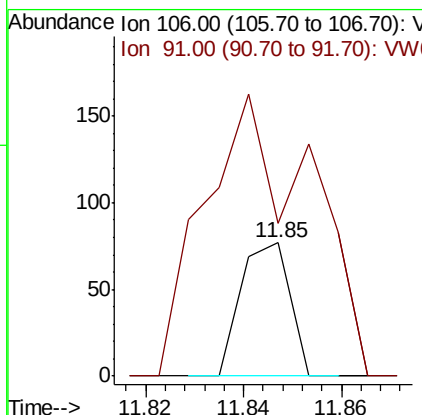
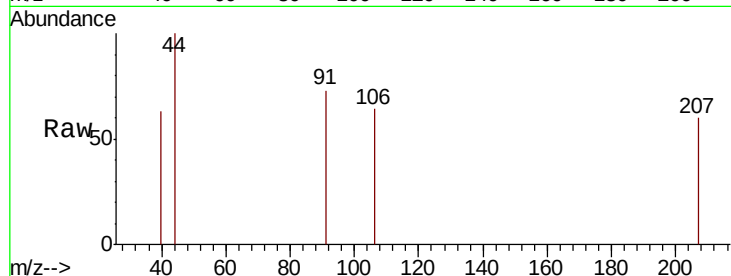




#68
m/p-Xylenes
Concen: 13.665 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006650.D
Acq: 05 Nov 2018 21:16

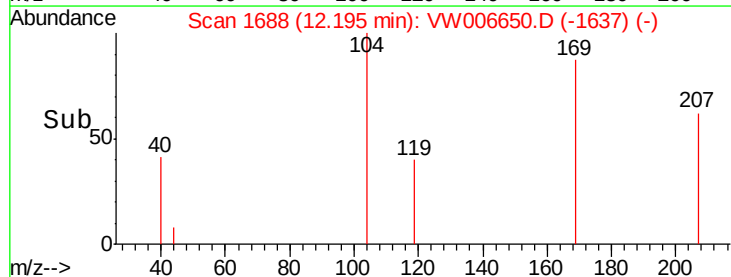
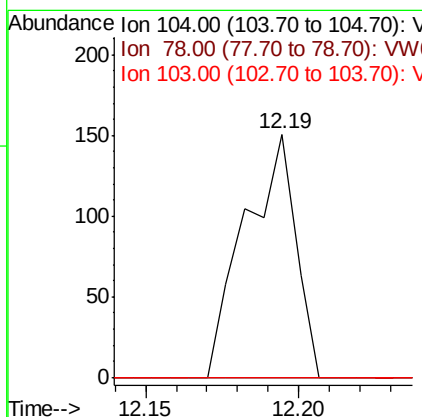
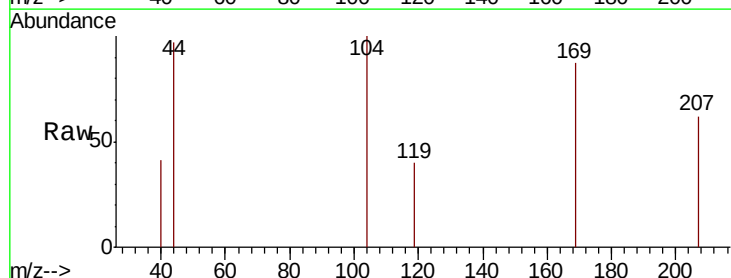
Instrument :
MSVOA_W
ClientSampled :
SI-4RE

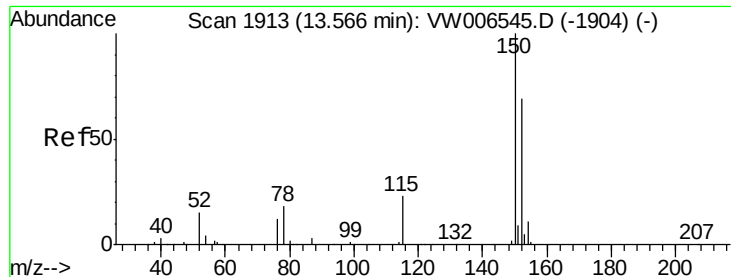
Tgt Ion:106 Resp: 53
Ion Ratio Lower Upper
106 100
91 460.4 156.7 235.1#



#70
Styrene
Concen: 28.905 ug/l
RT: 12.19 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VW006650.D
Acq: 05 Nov 2018 21:16

Tgt Ion:104 Resp: 174
Ion Ratio Lower Upper
104 100
78 0.0 37.2 55.8#
103 0.0 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006650.D

Acq: 05 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampled :

SI-4RE

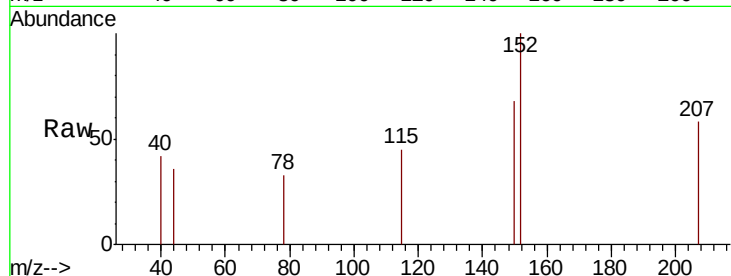
Tgt Ion:152 Resp: 271

Ion Ratio Lower Upper

152 100

115 63.5 26.6 79.8

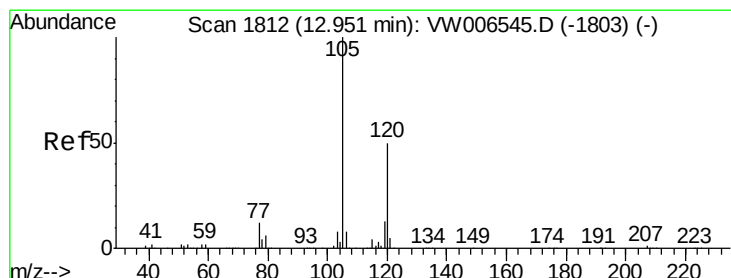
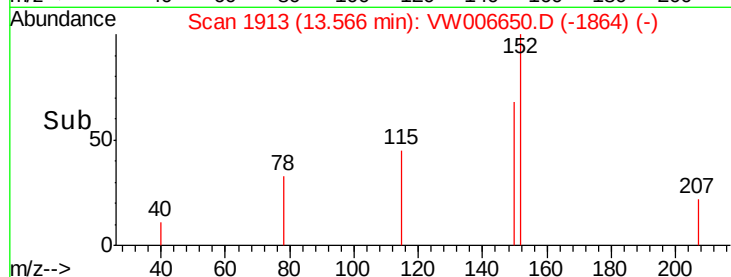
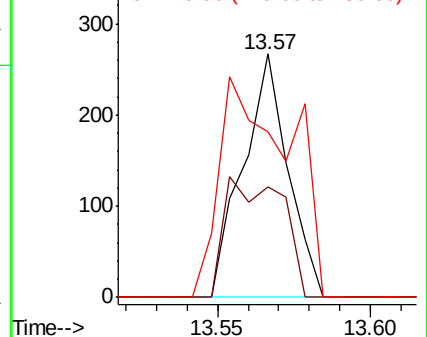
150 141.7 0.0 344.6



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



#80

1,3,5-Trimethylbenzene

Concen: 2.667 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW006650.D

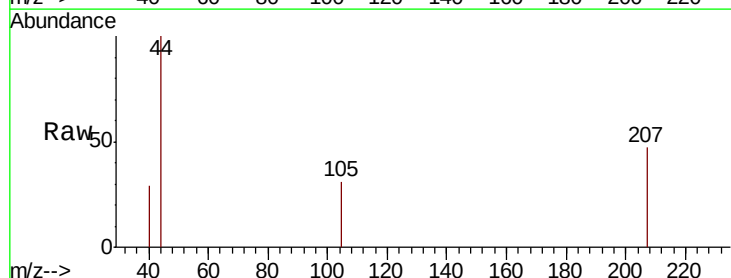
Acq: 05 Nov 2018 21:16

Tgt Ion:105 Resp: 40

Ion Ratio Lower Upper

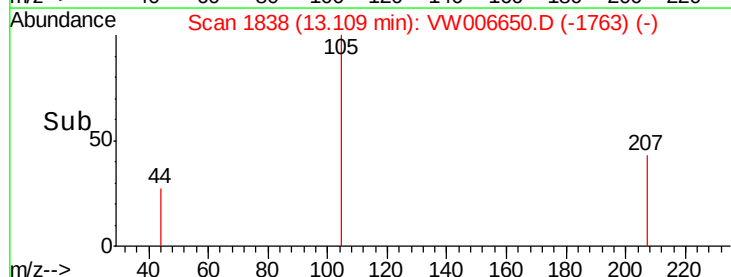
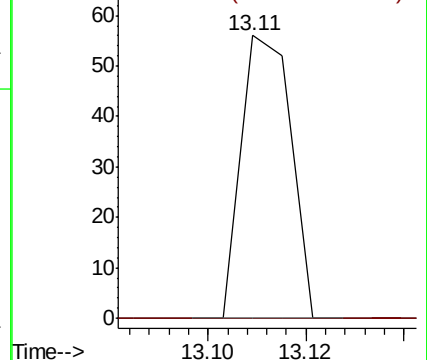
105 100

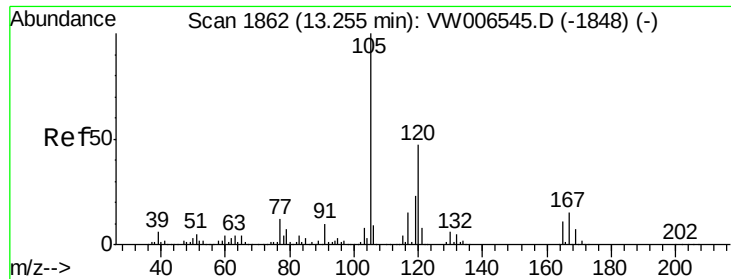
120 0.0 25.1 75.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

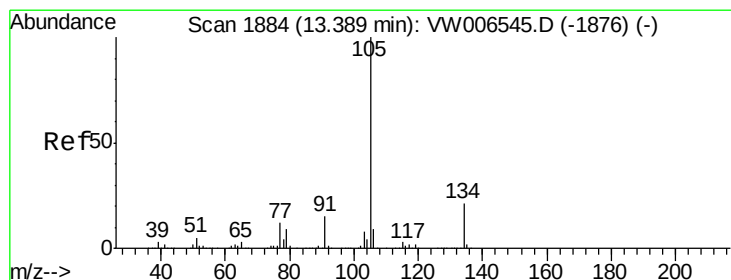
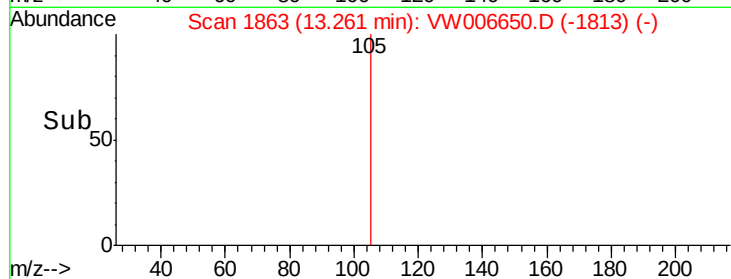
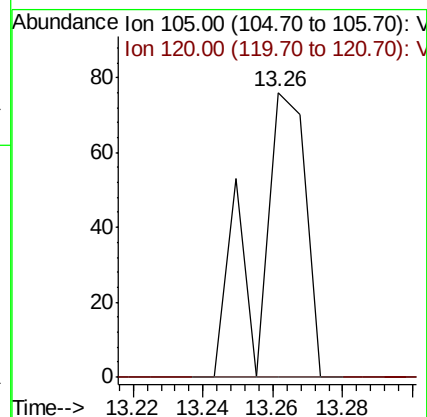
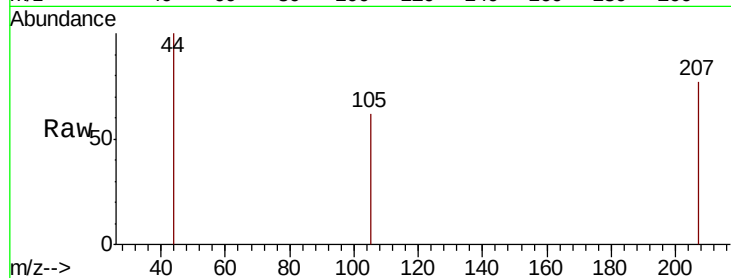




#84
1,2,4-Trimethylbenzene
Concen: 4.745 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW006650.D
Acq: 05 Nov 2018 21:16

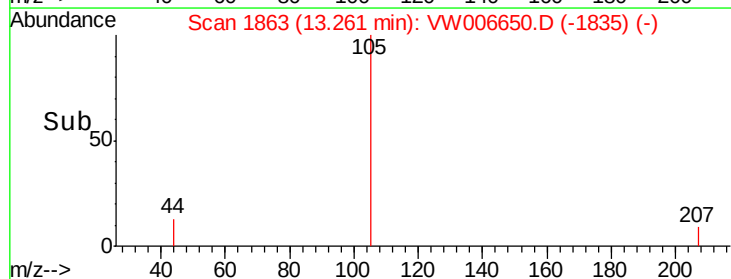
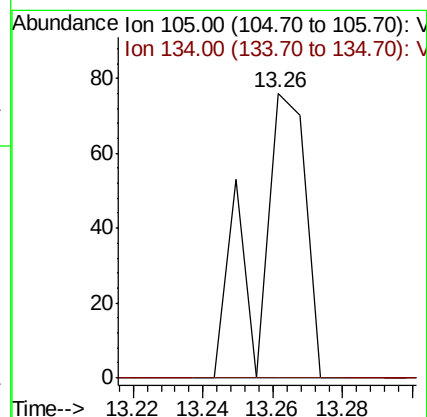
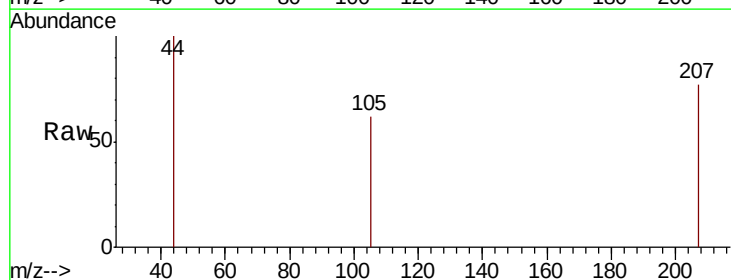
Instrument :
MSVOA_W
ClientSampleId :
SI-4RE

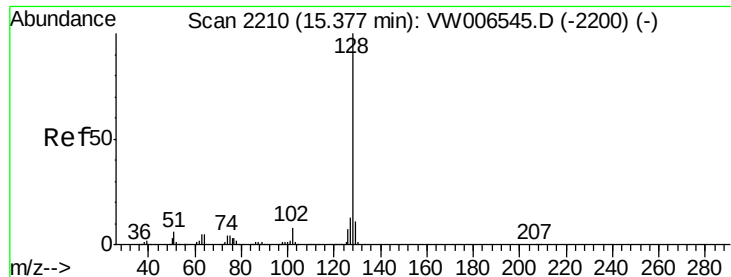
Tgt Ion:105 Resp: 73
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#



#85
sec-Butylbenzene
Concen: 3.897 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.13 min
Lab File: VW006650.D
Acq: 05 Nov 2018 21:16

Tgt Ion:105 Resp: 73
Ion Ratio Lower Upper
105 100
134 0.0 10.6 31.8#

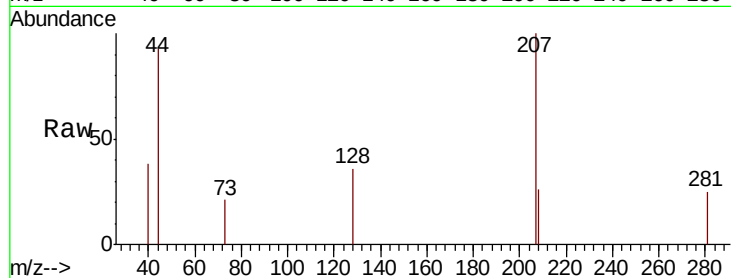




#95
Naphthalene
Concen: 14.716 ug/l
RT: 15.38 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VW006650.D
Acq: 05 Nov 2018 21:16

Instrument :
MSVOA_W
ClientSampleId :
SI-4RE

Tgt Ion:128 Resp: 144
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 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

