

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092018\
 Data File : VU026909.D
 Acq On : 19 Sep 2018 20:02
 Operator : MD/SY
 Sample : J4934-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ460I-20180912

Quant Time: Sep 20 07:15:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

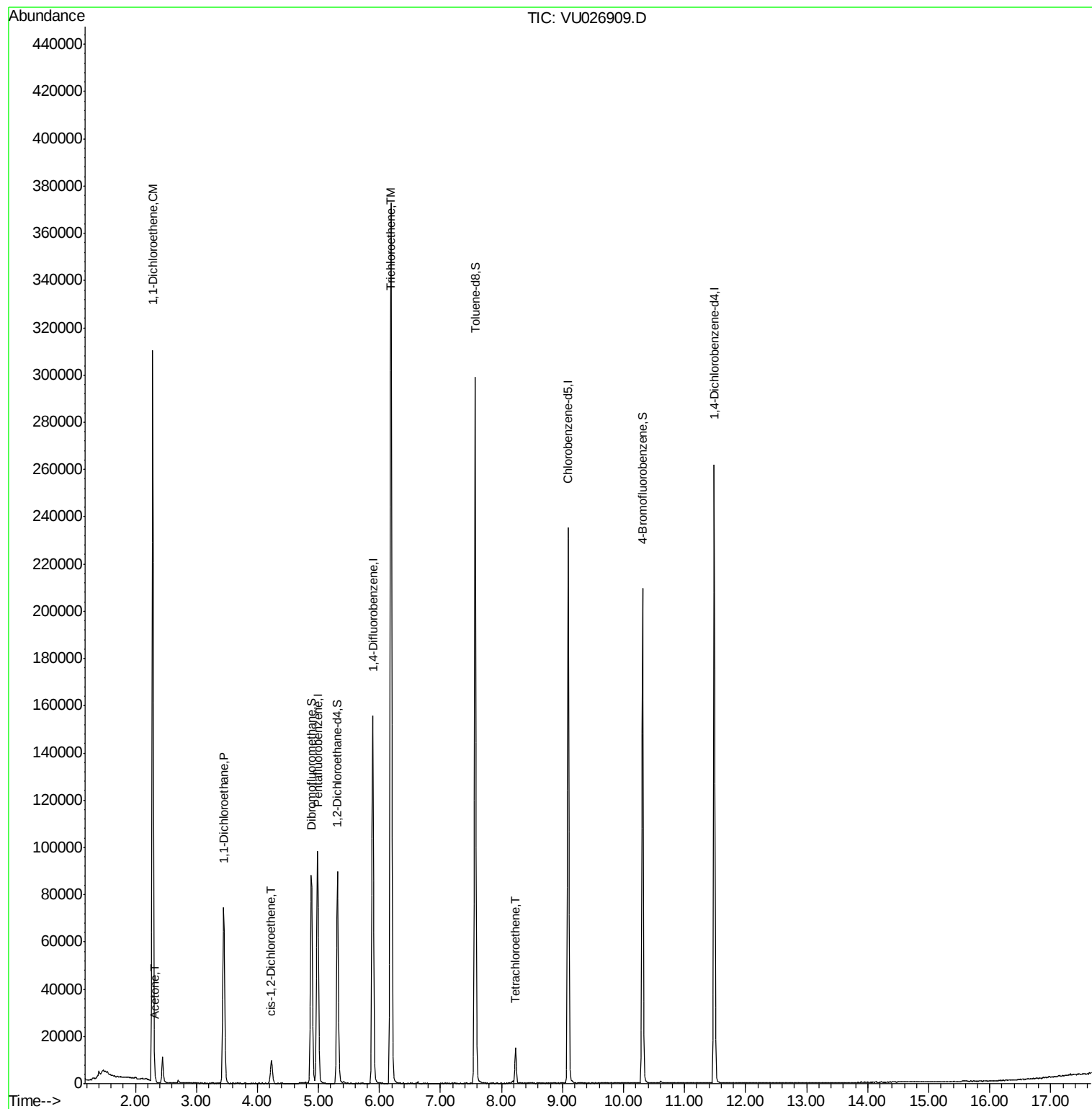
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	79017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133962	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66986	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	4.89	113	59941	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
50) Toluene-d8	7.57	98	199854	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	10.31	95	66767	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
12) 1,1-Dichloroethene	2.28	96	98910	109.033	ug/l	99
16) Acetone	2.32	43	1886	2.779	ug/l	96
24) 1,1-Dichloroethane	3.45	63	81256	42.242	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	5669	5.147	ug/l	86
44) Trichloroethene	6.19	130	135751	117.428	ug/l	94
64) Tetrachloroethene	8.23	164	3624	3.429	ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026909.D

Acq: 19 Sep 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

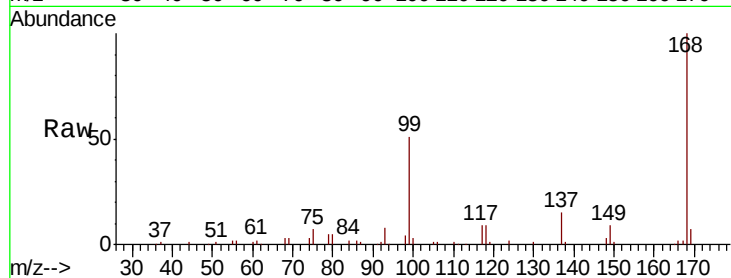
FT-PZ460I-20180912

Tot Ion:168 Resp: 79017

Ion Ratio Lower Upper

168 100

99 50.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026909.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU026909.D (-1093) (-)

4.99

40000

30000

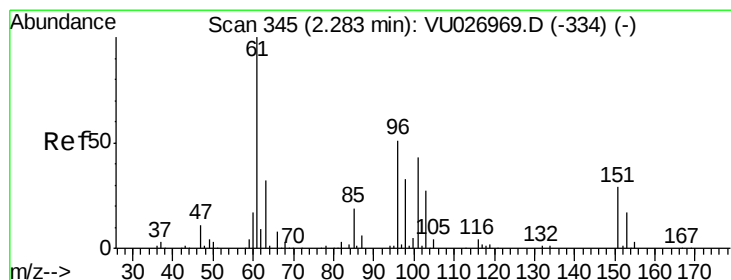
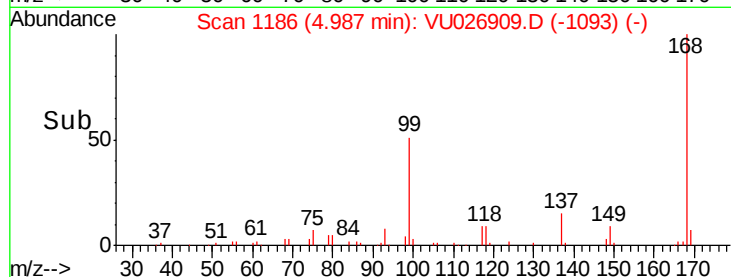
20000

10000

0

4.90 5.00 5.10

Time-->



#12

1,1-Dichloroethene

Concen: 109.033 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026909.D

Acq: 19 Sep 2018 20:02

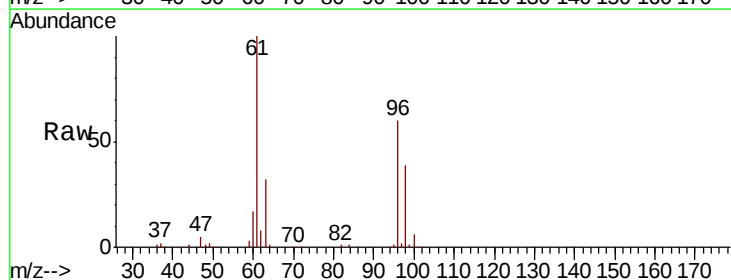
Tgt Ion: 96 Resp: 98910

Ion Ratio Lower Upper

96 100

61 167.9 133.0 199.6

98 64.7 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VU026909.D (-252) (-)

Ion 60.90 (60.60 to 61.60): VU026909.D (-252) (-)

Ion 97.90 (97.60 to 98.60): VU026909.D (-252) (-)

2.28

150000

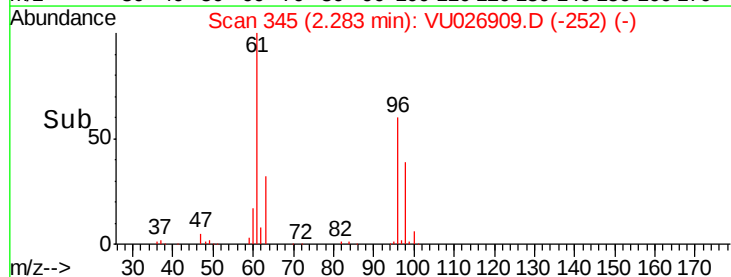
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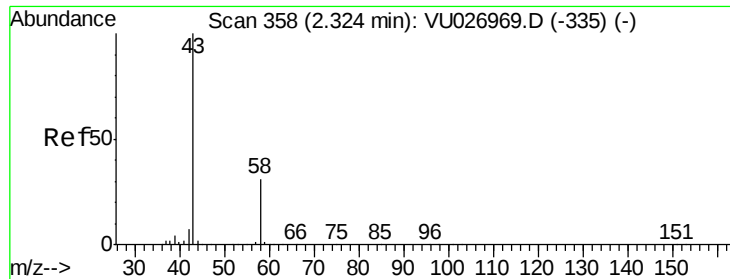
50000

0

2.20 2.25 2.30 2.35

Time-->





#16

Acetone

Concen: 2.779 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026909.D

Acq: 19 Sep 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

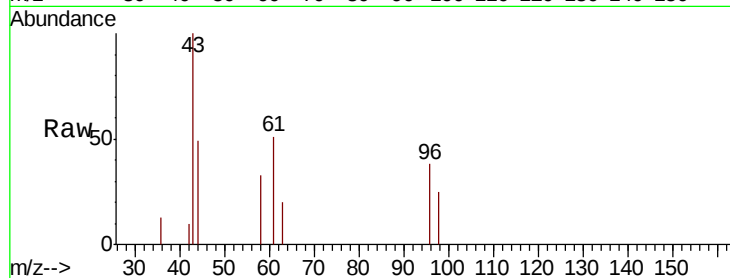
FT-PZ460I-20180912

Tot Ion: 43 Resp: 1886

Ion Ratio Lower Upper

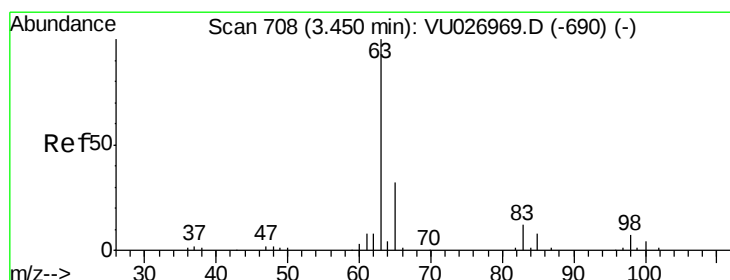
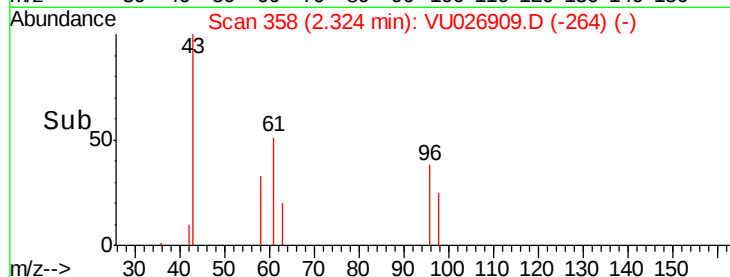
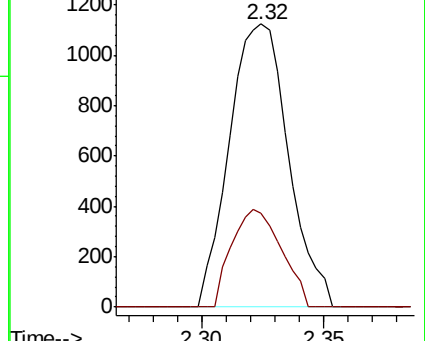
43 100

58 33.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU026909.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026909.D (-335) (-)



#24

1,1-Dichloroethane

Concen: 42.242 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU026909.D

Acq: 19 Sep 2018 20:02

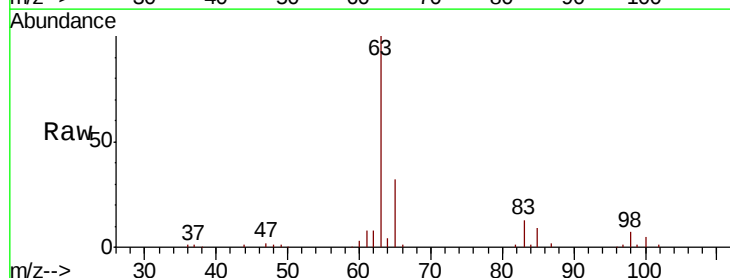
Tgt Ion: 63 Resp: 81256

Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

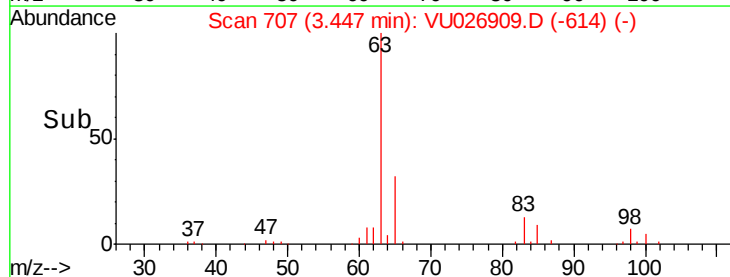
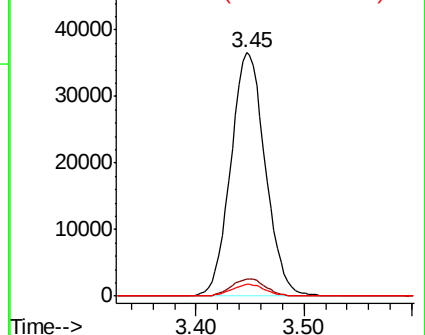
100 4.8 2.0 6.0

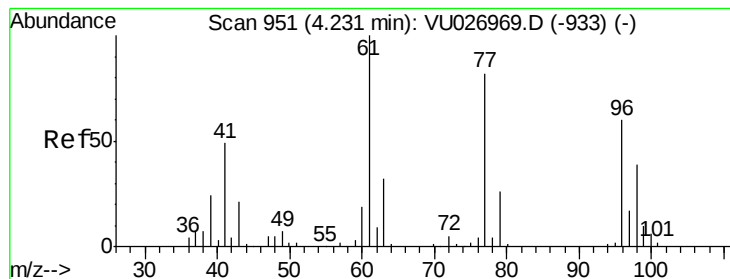


Abundance Ion 62.90 (62.60 to 63.60): VU026909.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026909.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026909.D (-690) (-)



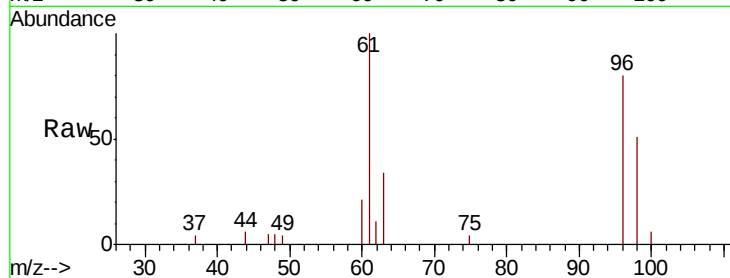


#27

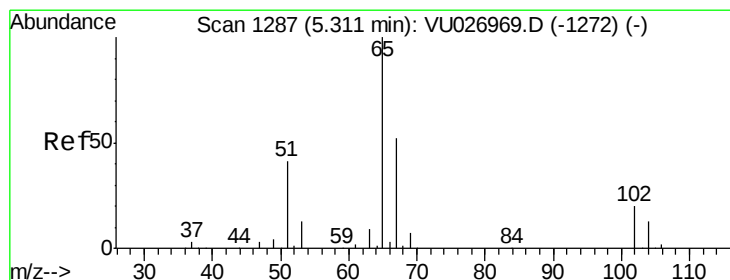
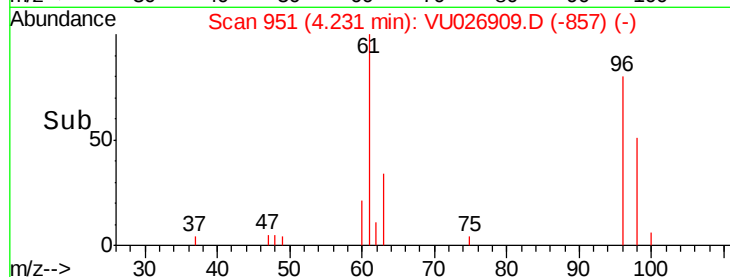
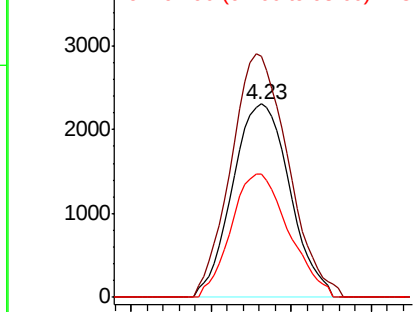
cis-1,2-Dichloroethene
 Concen: 5.147 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU026909.D
 Acq: 19 Sep 2018 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ460I-20180912

Tot Ion: 96 Resp: 5669
 Ion Ratio Lower Upper
 96 100
 61 125.2 0.0 301.8
 98 63.9 0.0 127.2



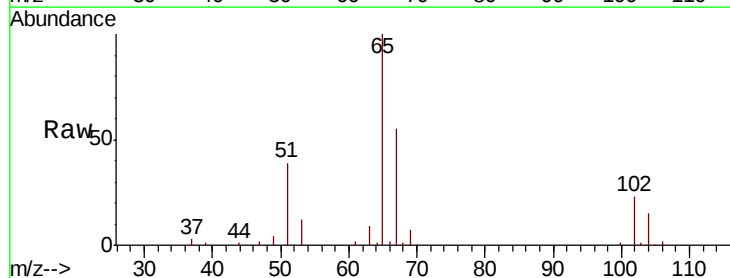
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



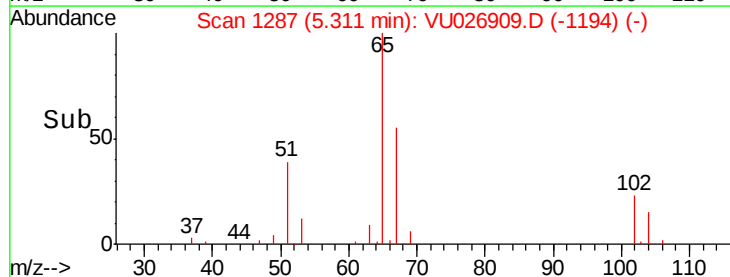
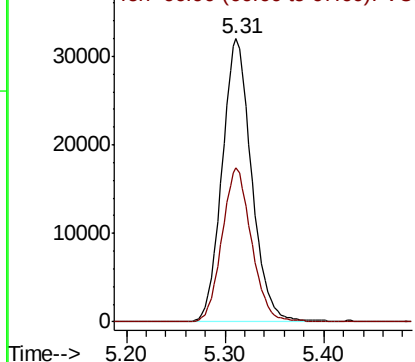
#33

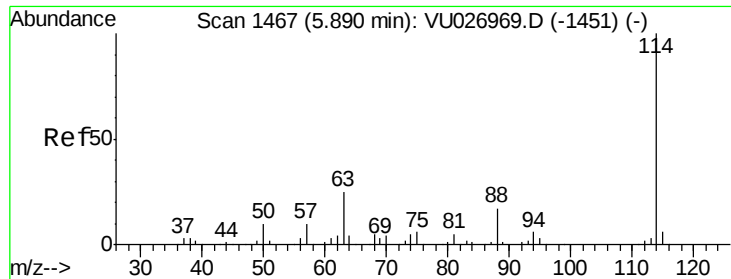
1,2-Dichloroethane-d4
 Concen: 55.884 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026909.D
 Acq: 19 Sep 2018 20:02

Tgt Ion: 65 Resp: 66986
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

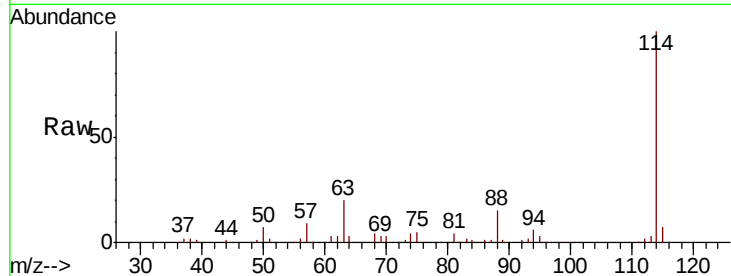




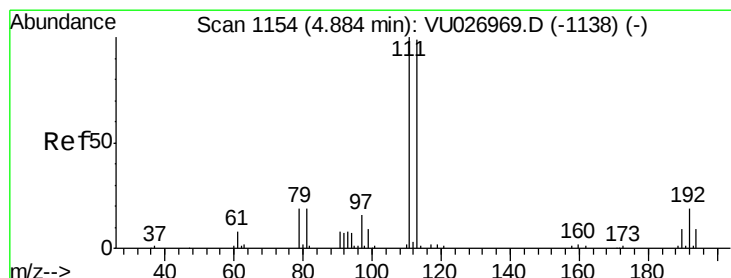
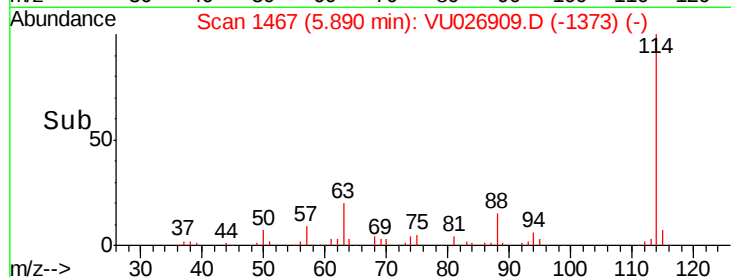
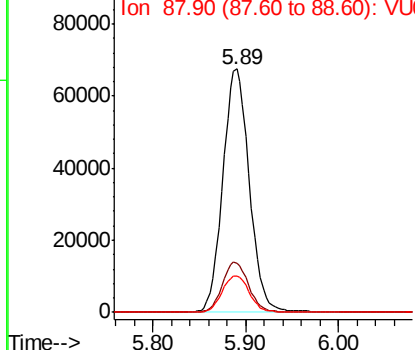
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026909.D
 Acq: 19 Sep 2018 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ460I-20180912

Tot Ion:114 Resp: 133962
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.0 0.0 30.8

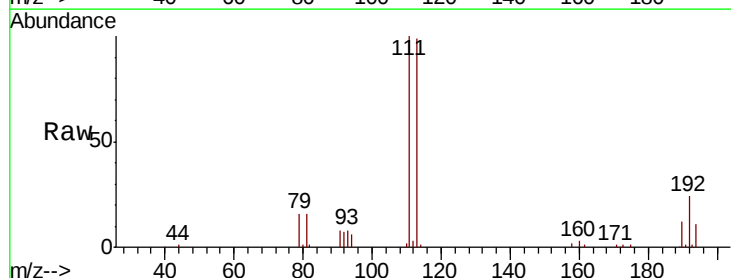


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

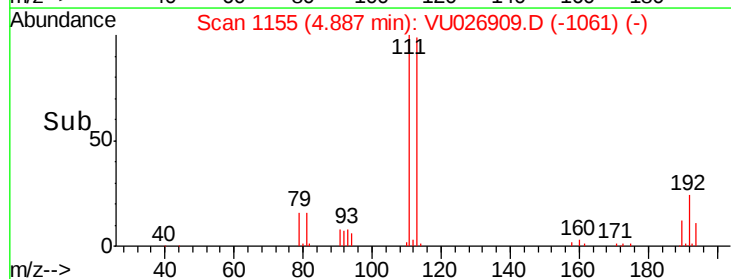
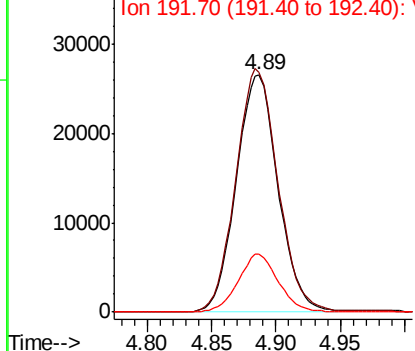


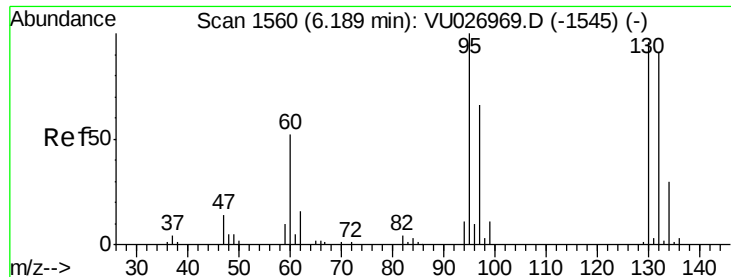
#35
 Dibromofluoromethane
 Concen: 54.855 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU026909.D
 Acq: 19 Sep 2018 20:02

Tgt Ion:113 Resp: 59941
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 23.3 17.4 26.2



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





#44

Trichloroethene

Concen: 117.428 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026909.D

Acq: 19 Sep 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

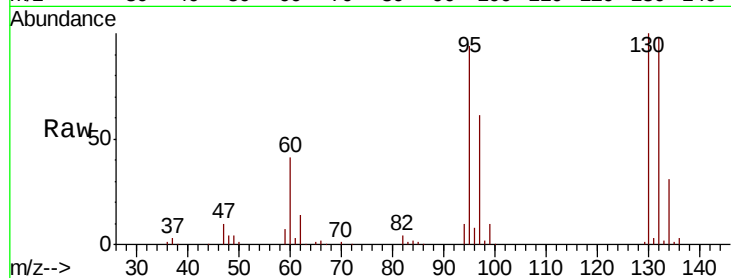
FT-PZ460I-20180912

Tot Ion:130 Resp: 135751

Ion Ratio Lower Upper

130 100

95 93.8 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VU026909.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026909.D (-1545) (-)

6.19

80000

60000

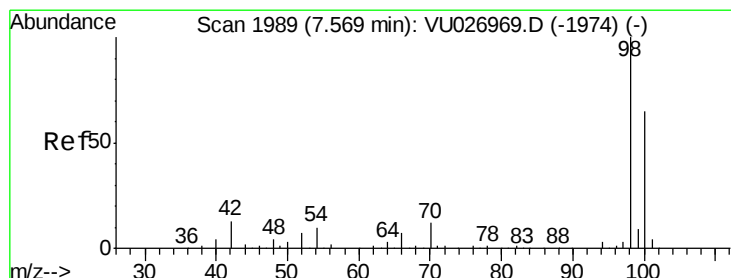
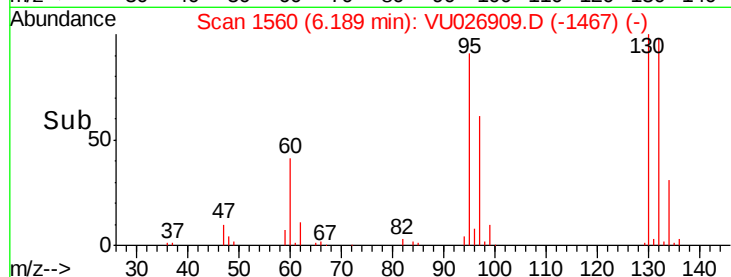
40000

20000

0

6.10 6.20 6.30

Time-->



#50

Toluene-d8

Concen: 49.450 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026909.D

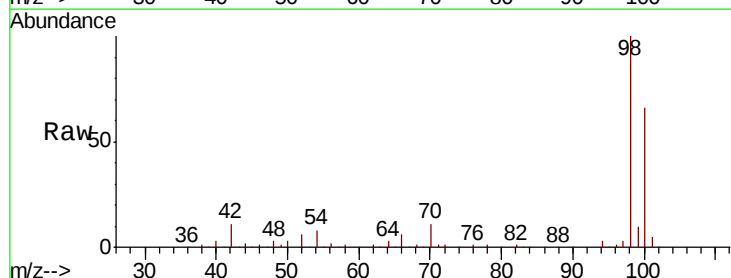
Acq: 19 Sep 2018 20:02

Tgt Ion: 98 Resp: 199854

Ion Ratio Lower Upper

98 100

100 65.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU026909.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026909.D (-1974) (-)

7.57

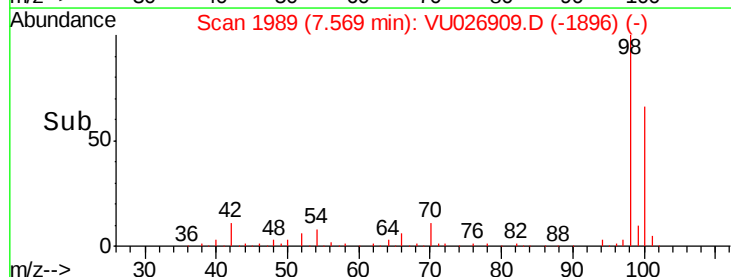
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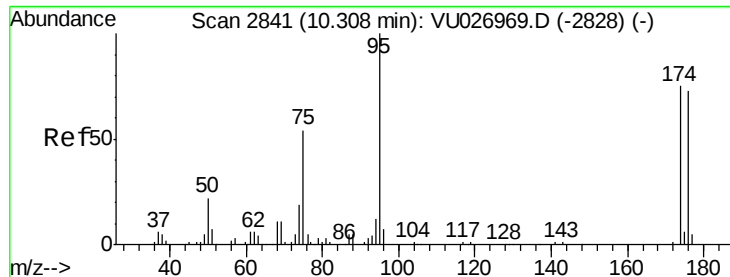
50000

0

7.50 7.60 7.70

Time-->

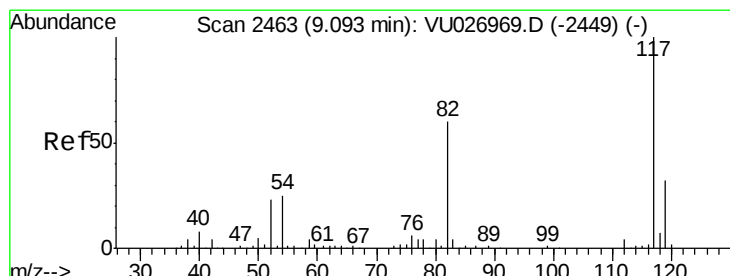
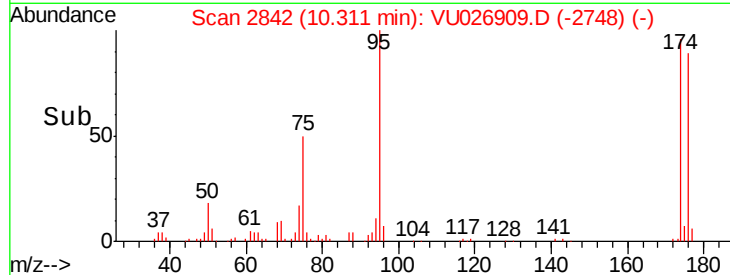
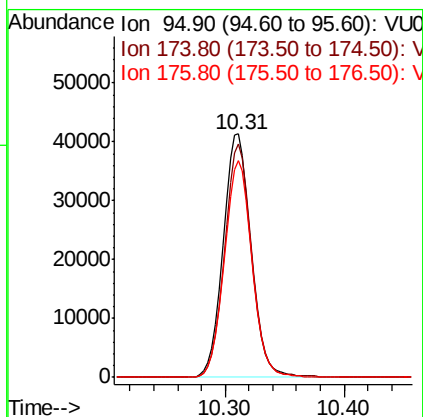
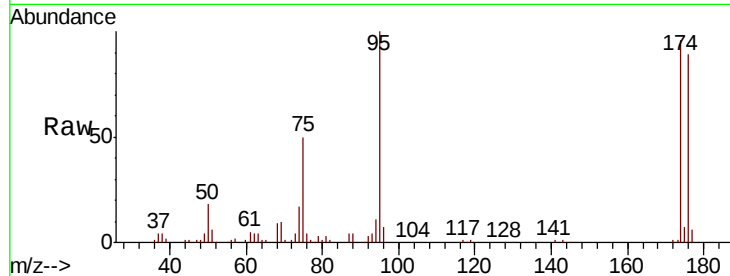




#62
 4-Bromofluorobenzene
 Concen: 45.582 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU026909.D
 Acq: 19 Sep 2018 20:02

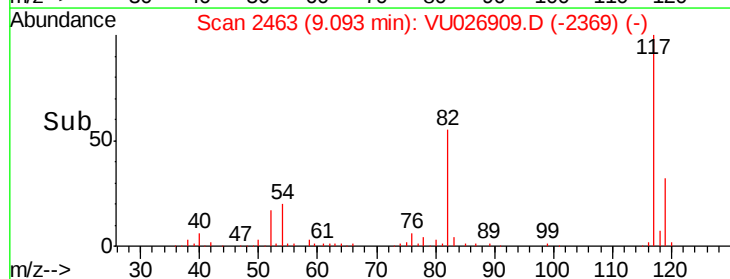
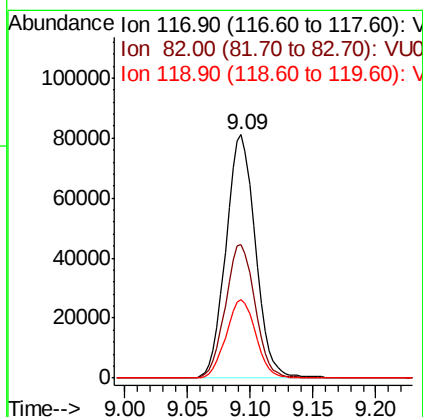
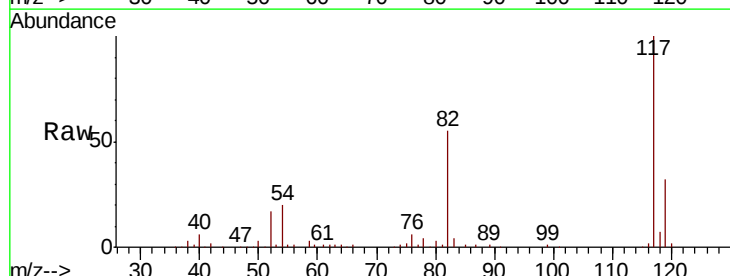
Instrument :
 MSVOA_U
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 FT-PZ460I-20180912

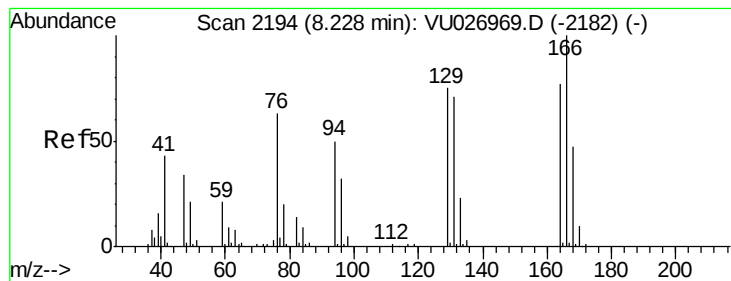
Tot Ion: 95 Resp: 66767
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 172.8
 176 88.4 0.0 168.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU026909.D
 Acq: 19 Sep 2018 20:02

Tgt Ion: 117 Resp: 132780
 Ion Ratio Lower Upper
 117 100
 82 54.9 44.1 66.1
 119 32.2 25.7 38.5





#64

Tetrachloroethene

Concen: 3.429 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU026909.D

Acq: 19 Sep 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

FT-PZ460I-20180912

Tot Ion:164 Resp: 3624

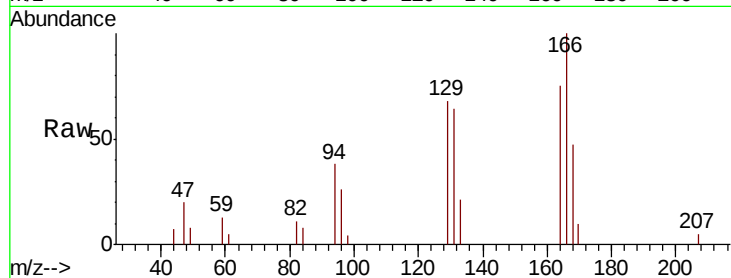
Ion Ratio Lower Upper

164 100

166 133.3 100.5 150.7

129 91.3 75.3 112.9

131 85.3 71.4 107.2

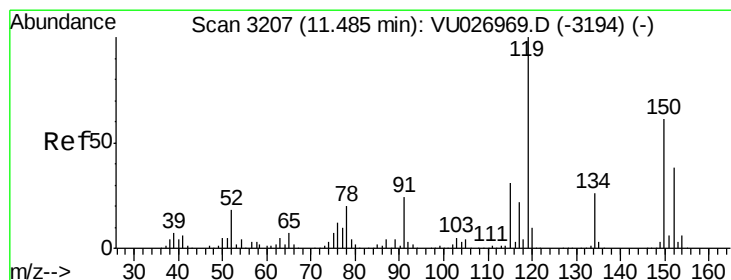
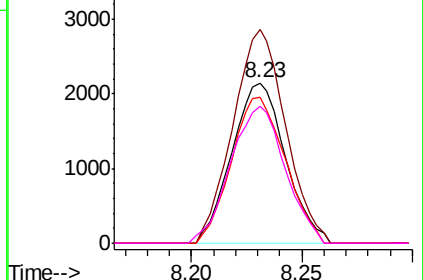
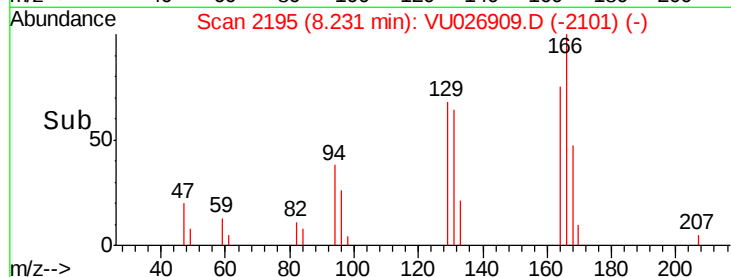


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026909.D

Acq: 19 Sep 2018 20:02

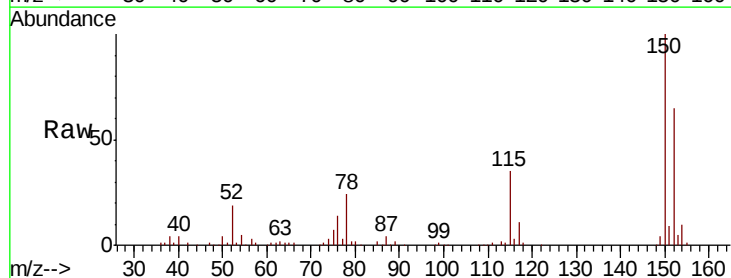
Tgt Ion:152 Resp: 72419

Ion Ratio Lower Upper

152 100

115 53.1 40.4 121.1

150 153.0 0.0 345.2



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

