

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW091718\
 Data File : VW005459.D
 Acq On : 18 Sep 2018 04:35
 Operator : SY/AP
 Sample : J4945-01
 Misc : 0.65G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

Quant Time: Sep 19 12:53:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

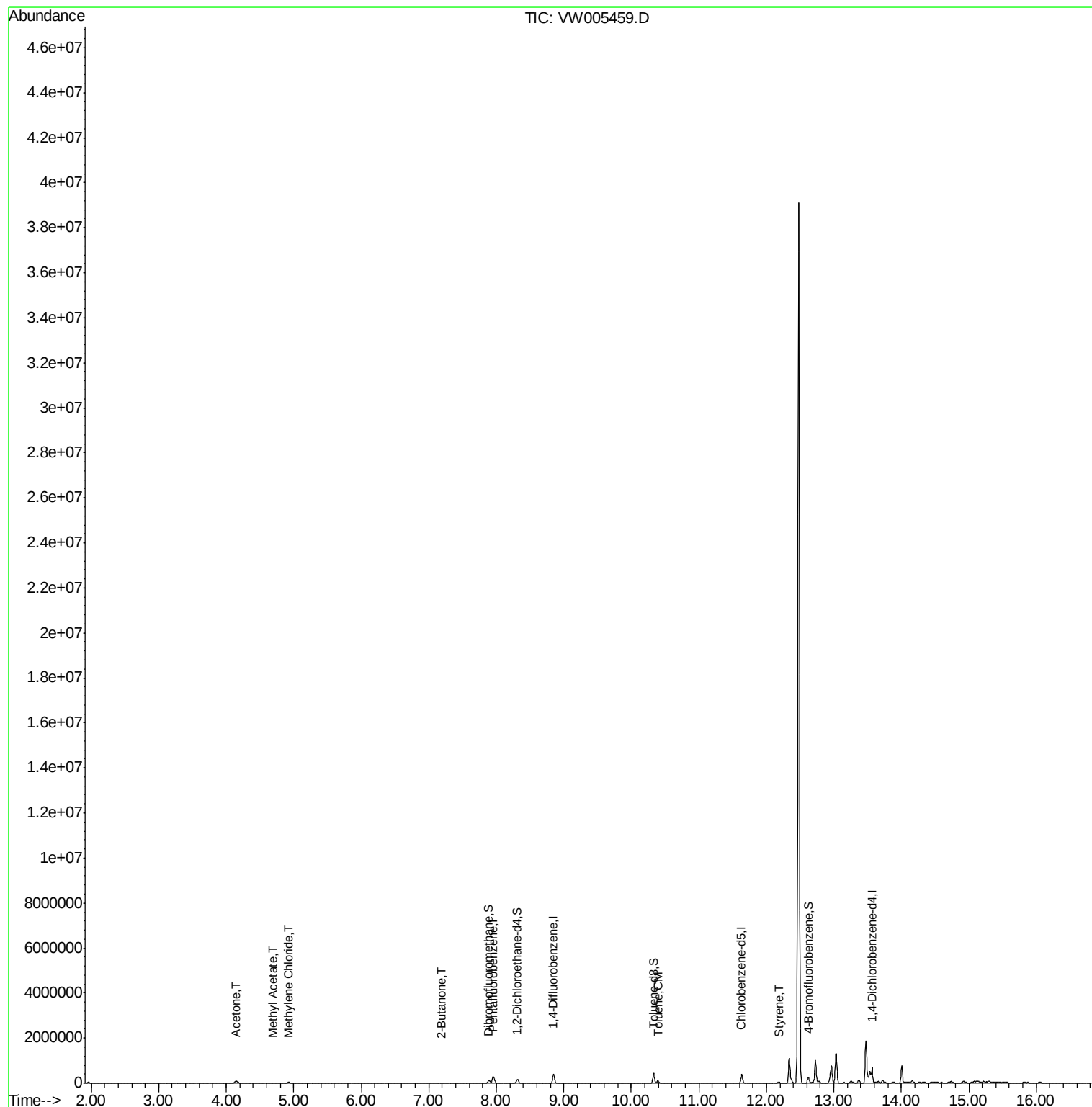
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	224924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120691	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.89	113	90300	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	10.33	98	295371	33.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.22%	
62) 4-Bromofluorobenzene	12.63	95	68478	20.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.88%	
Target Compounds						
16) Acetone	4.14	43	160585	496.03	ug/l	99
18) Methyl Acetate	4.68	43	24328	21.68	ug/l	100
20) Methylene Chloride	4.93	84	20951	3.73	ug/l	97
25) 2-Butanone	7.19	43	4199	7.48	ug/l	98
52) Toluene	10.40	92	48869	7.58	ug/l	99
70) Styrene	12.19	104	22919	4.70	ug/l #	60

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

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QLast Update : Sat Sep 15 02:32:34 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

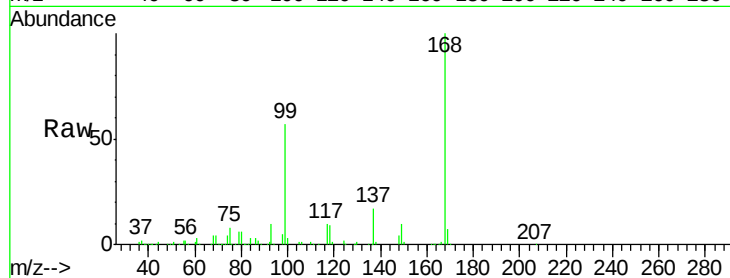
RB47195RT

Tot Ion:168 Resp: 224924

Ion Ratio Lower Upper

168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

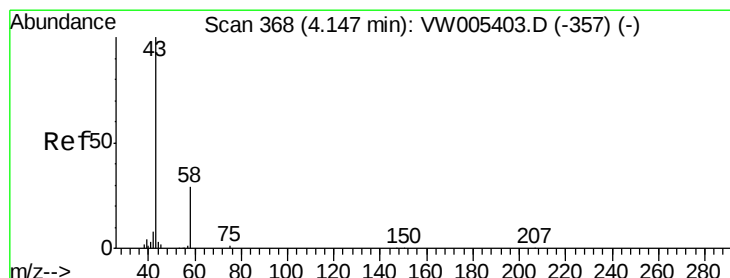
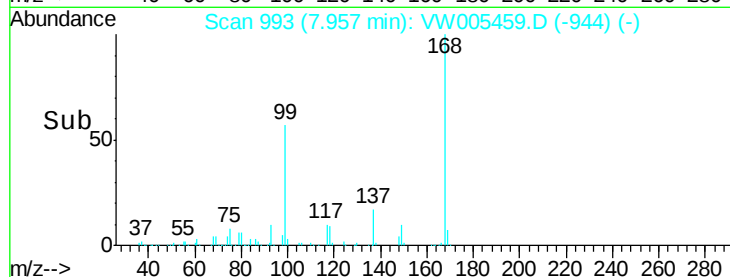
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 496.03 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005459.D

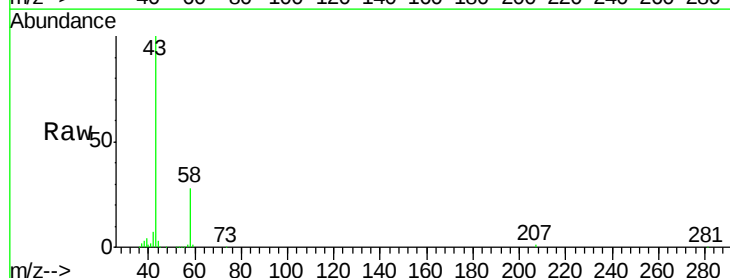
Acq: 18 Sep 2018 04:35

Tgt Ion: 43 Resp: 160585

Ion Ratio Lower Upper

43 100

58 28.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

60000

50000

40000

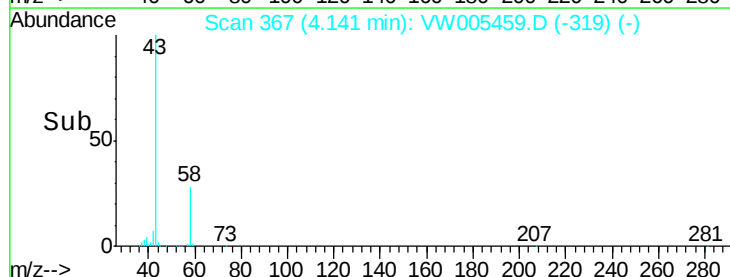
30000

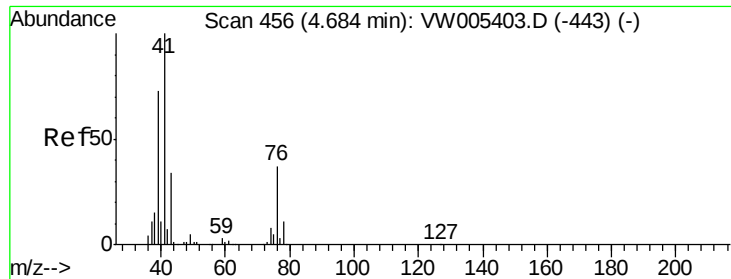
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10000

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Time-->

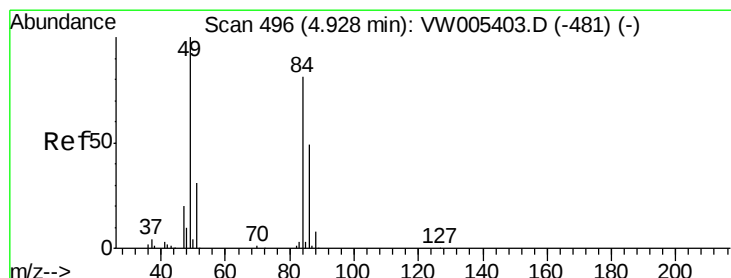
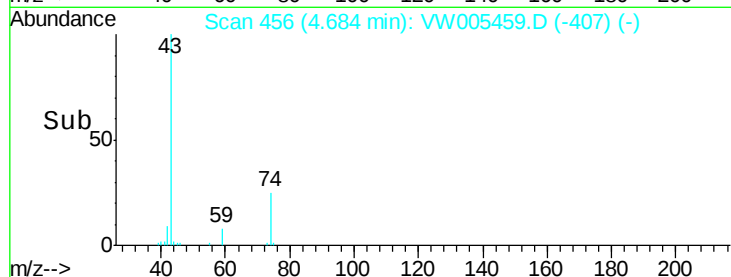
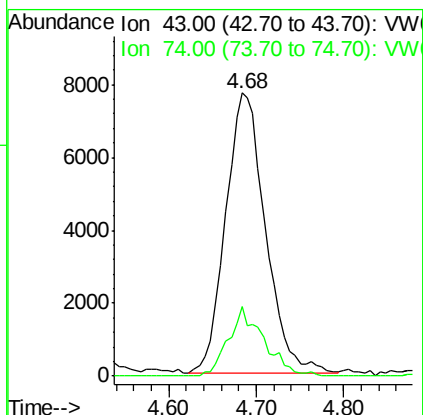
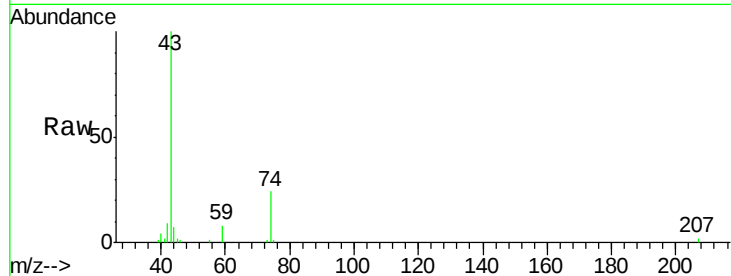




#18
Methyl Acetate
Concen: 21.68 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

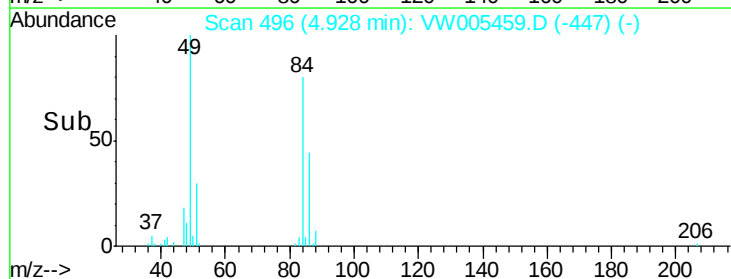
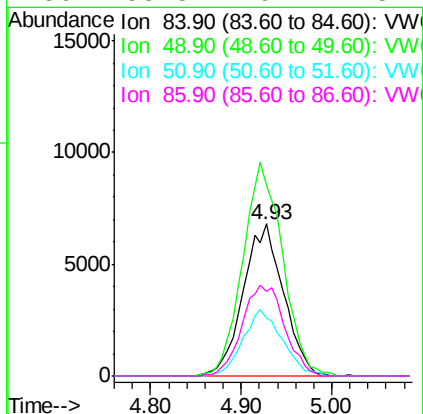
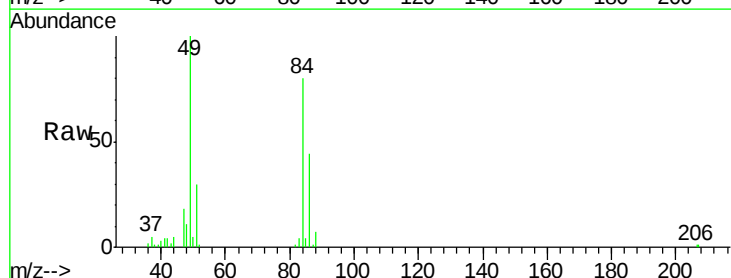
Instrument :
MSVOA_W
ClientSampled :
RB47195RT

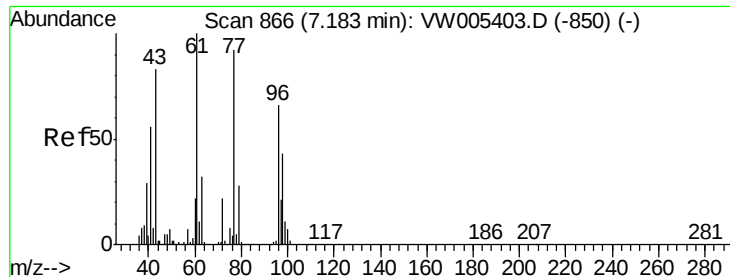
Tot Ion: 43 Resp: 24328
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 3.73 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Tgt Ion: 84 Resp: 20951
Ion Ratio Lower Upper
84 100
49 125.7 99.3 148.9
51 37.7 31.1 46.7
86 55.8 49.1 73.7





#25

2-Butanone

Concen: 7.48 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampled :

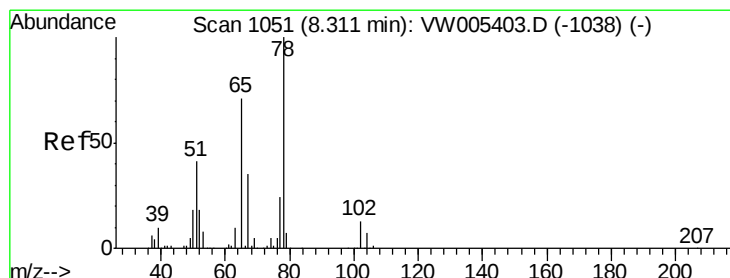
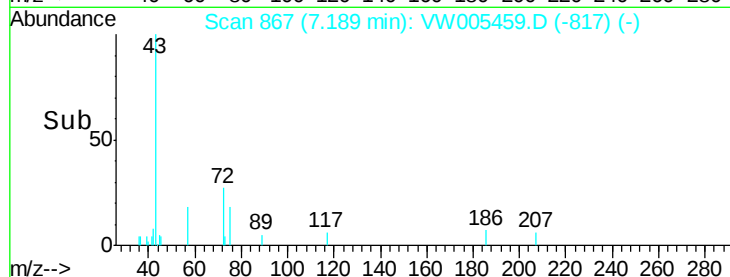
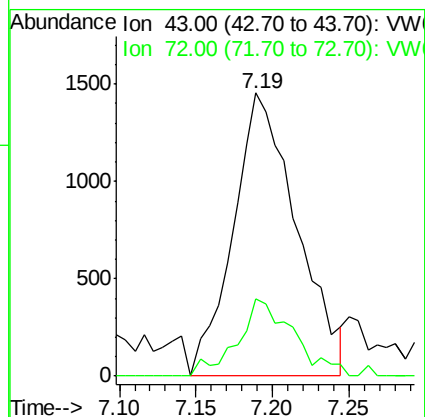
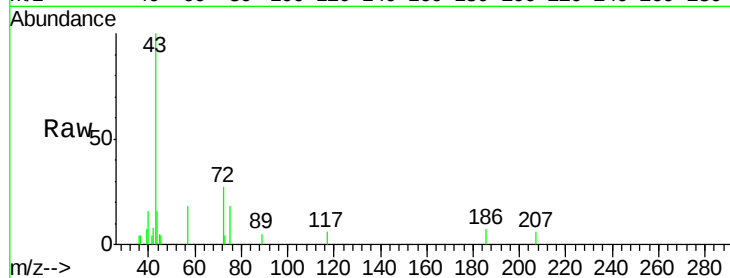
RB47195RT

Tot Ion: 43 Resp: 4199

Ion Ratio Lower Upper

43 100

72 27.2 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 51.69 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005459.D

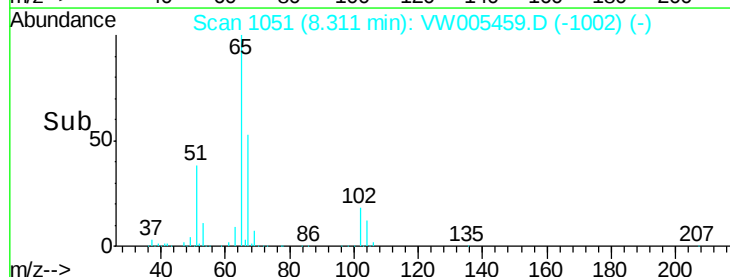
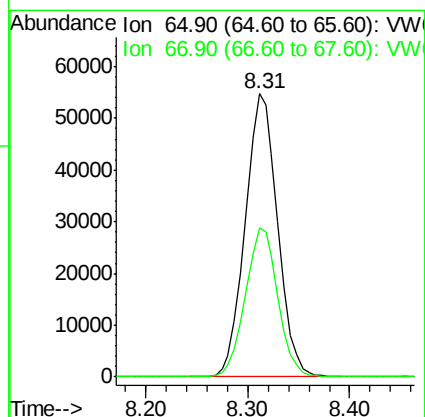
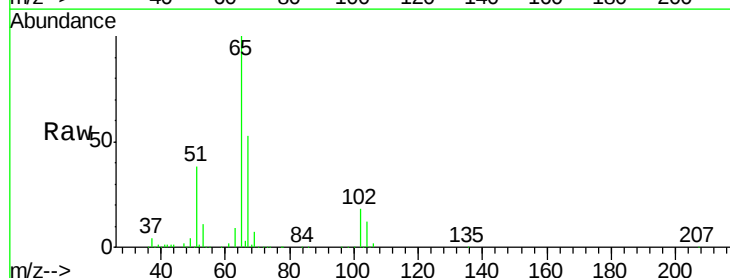
Acq: 18 Sep 2018 04:35

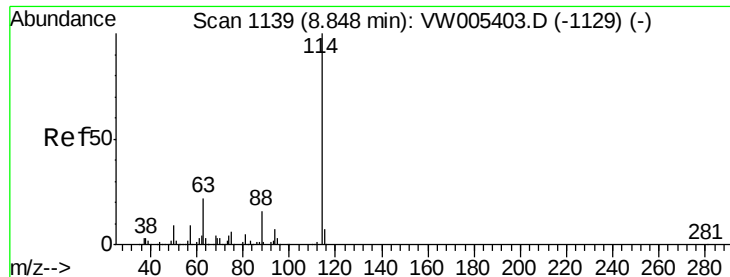
Tgt Ion: 65 Resp: 120691

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.6

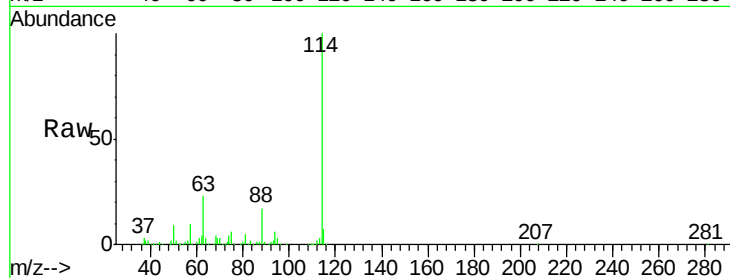




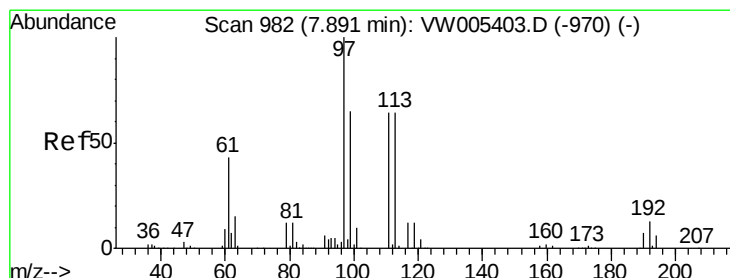
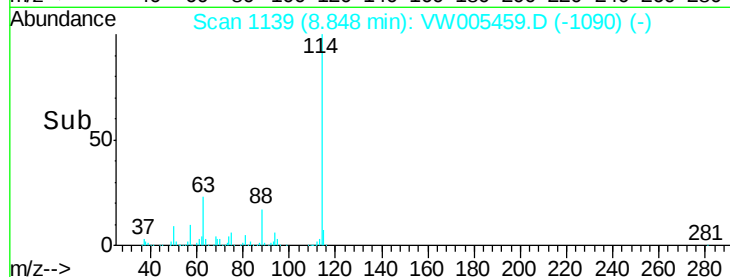
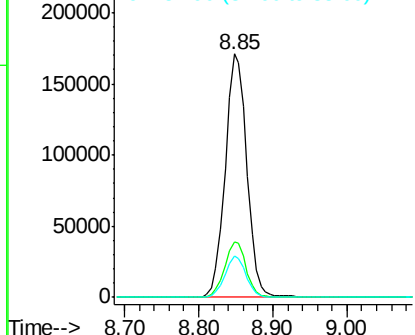
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

Tot Ion:114 Resp: 347423
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.4
 88 16.8 0.0 31.8

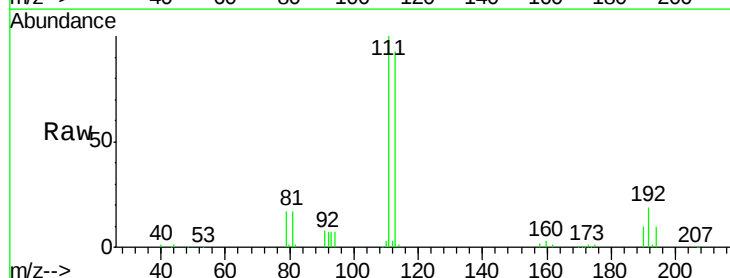


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

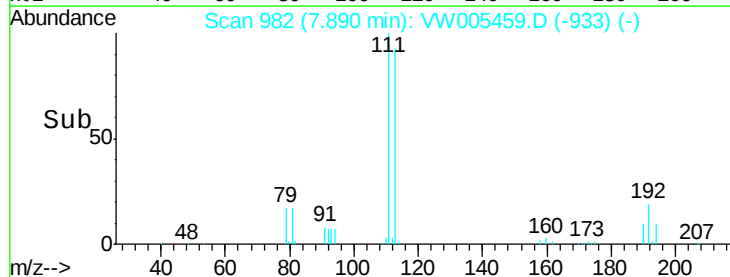
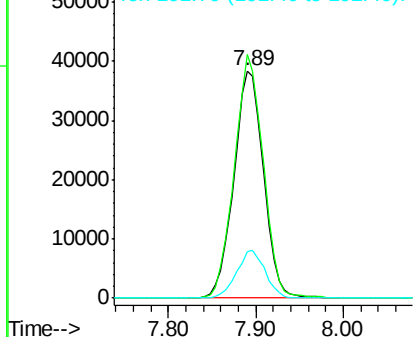


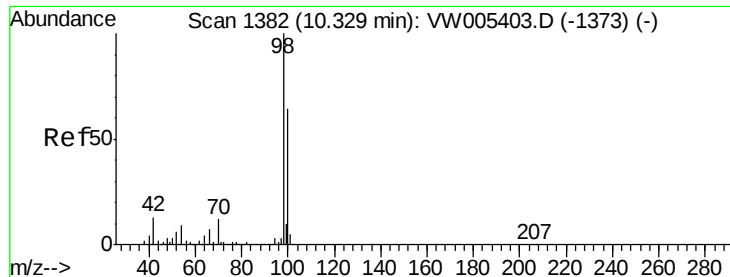
#35
 Dibromofluoromethane
 Concen: 46.36 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

Tgt Ion:113 Resp: 90300
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 20.3 16.5 24.7



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





#50

Toluene-d8

Concen: 33.11 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

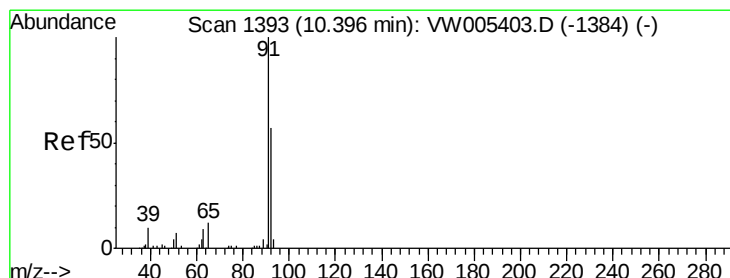
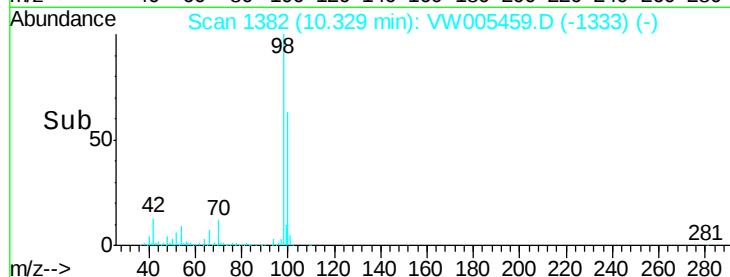
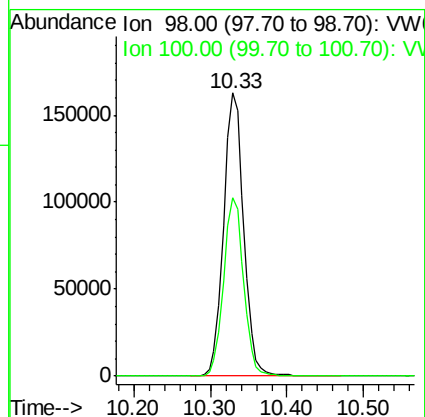
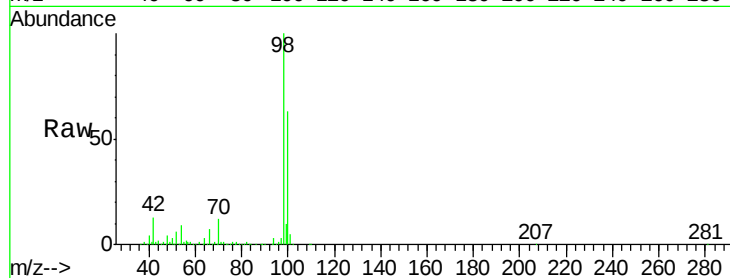
RB47195RT

Tot Ion: 98 Resp: 295371

Ion Ratio Lower Upper

98 100

100 62.9 51.4 77.0



#52

Toluene

Concen: 7.58 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005459.D

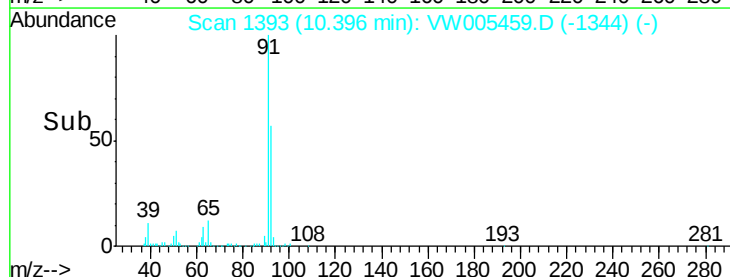
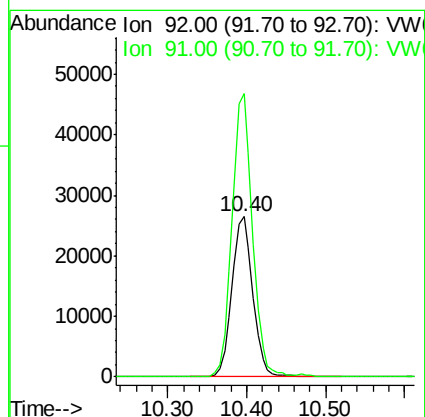
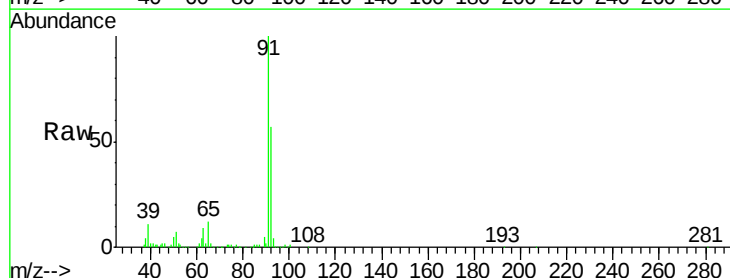
Acq: 18 Sep 2018 04:35

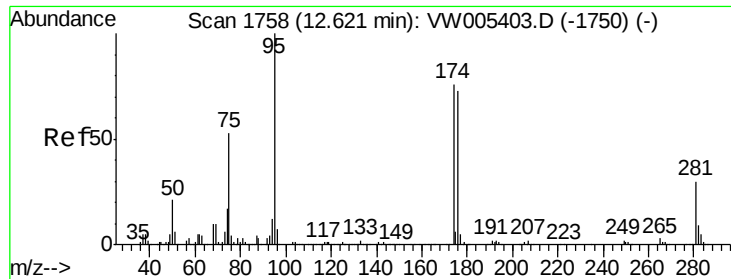
Tgt Ion: 92 Resp: 48869

Ion Ratio Lower Upper

92 100

91 172.4 139.1 208.7

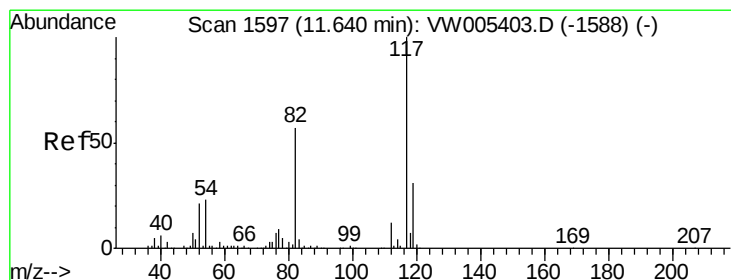
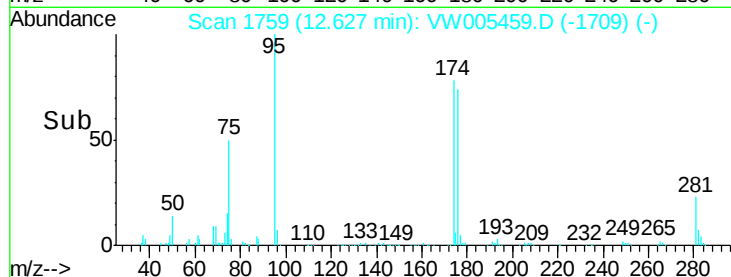
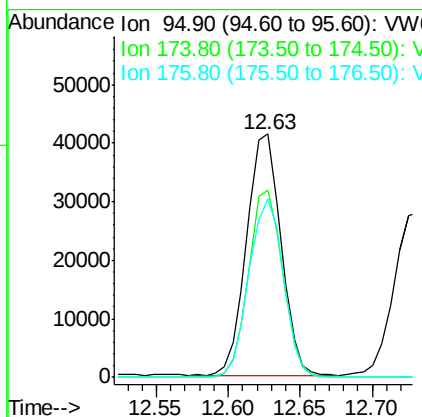
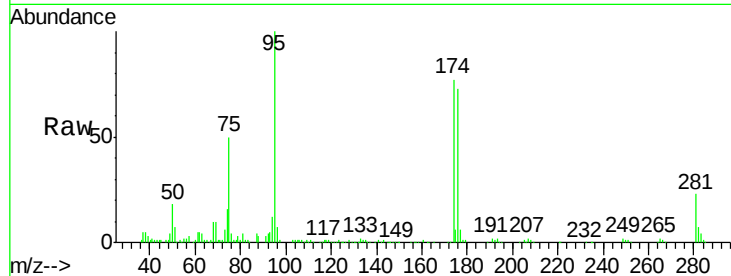




#62
4-Bromofluorobenzene
Concen: 20.94 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

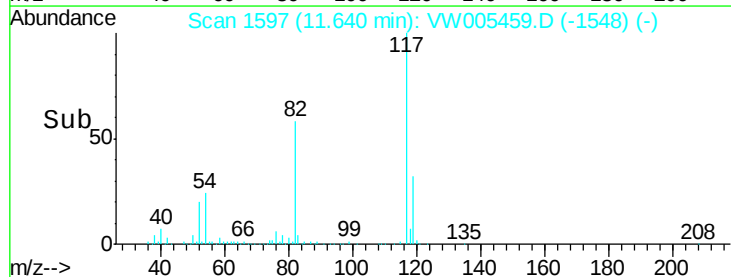
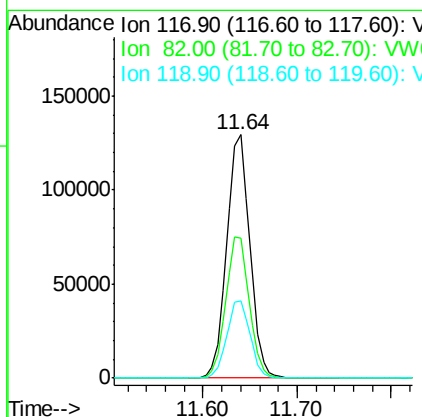
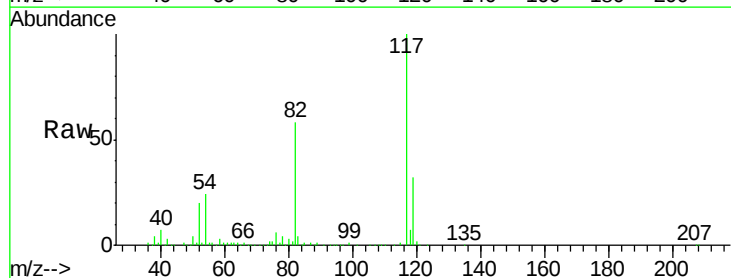
Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

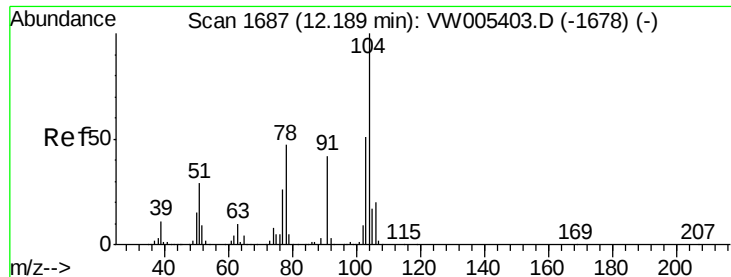
Tot Ion: 95 Resp: 68478
Ion Ratio Lower Upper
95 100
174 76.3 0.0 161.2
176 73.7 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Tgt Ion: 117 Resp: 220724
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.9 24.8 37.2





#70

Stvrene

Concen: 4.70 ug/l

RT: 12.19 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

RB47195RT

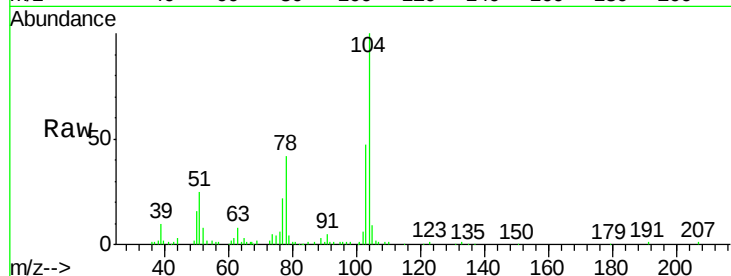
Tot Ion:104 Resp: 22919

Ion Ratio Lower Upper

104 100

78 0.0 42.4 63.6#

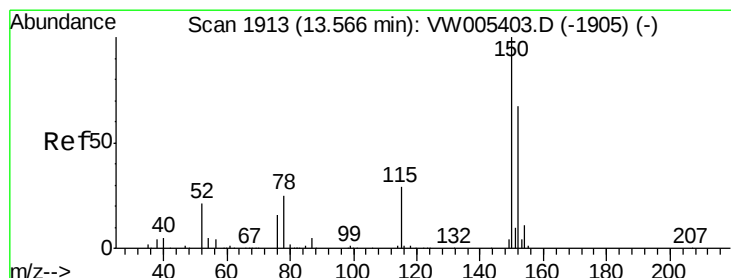
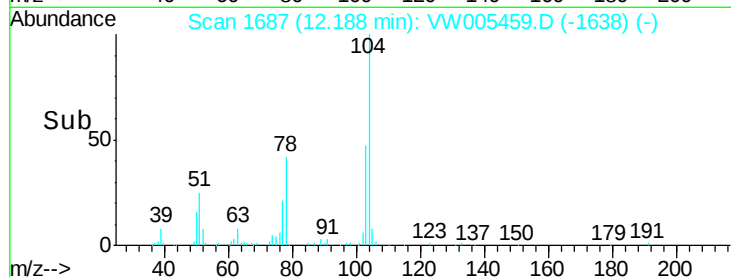
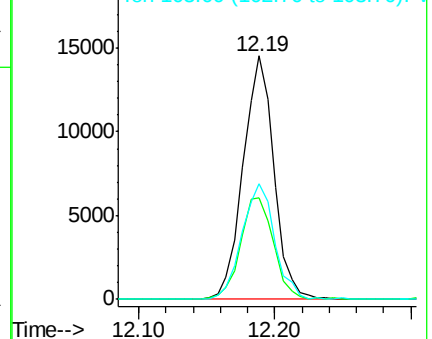
103 50.3 44.8 67.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

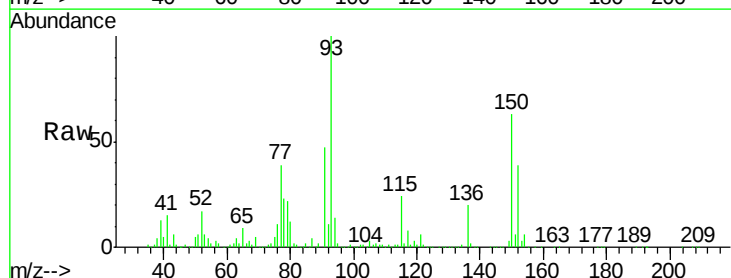
Tgt Ion:152 Resp: 69797

Ion Ratio Lower Upper

152 100

115 61.6 29.5 88.5

150 156.3 0.0 345.6



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

