

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011859.D
 Acq On : 12 Aug 2019 18:15
 Operator : SY/VA
 Sample : K4223-06RE
 Misc : 4.86G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-3RE

Quant Time: Aug 13 08:54:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

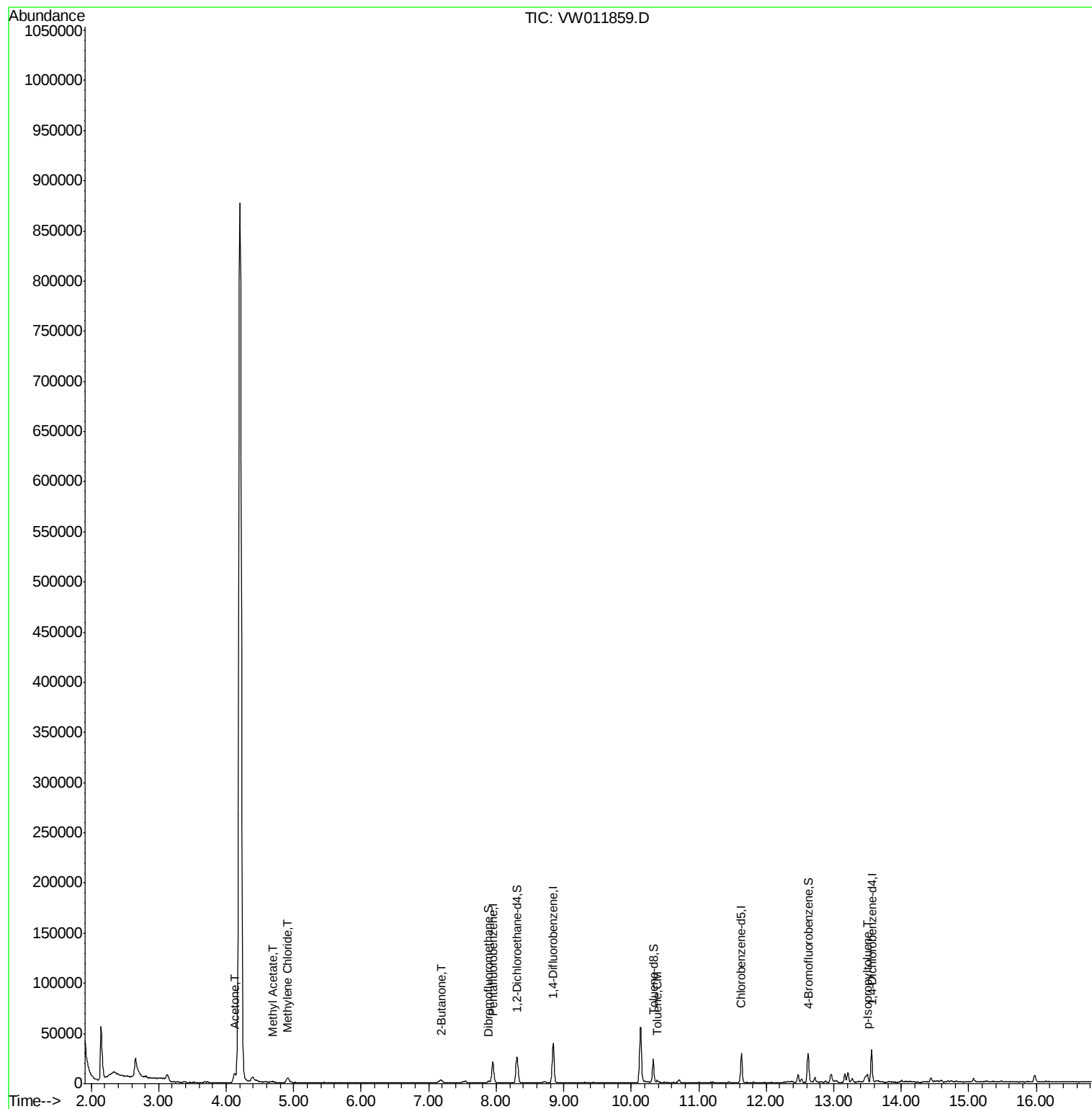
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	14554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	30383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	15838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	20166	120.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	241.34%	
35) Dibromofluoromethane	7.88	113	1303	7.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.28%	
50) Toluene-d8	10.32	98	13903	19.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.84%	
62) 4-Bromofluorobenzene	12.62	95	9219	37.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.10%	
Target Compounds						
16) Acetone	4.12	43	17535	329.849	ug/l	98
18) Methyl Acetate	4.69	43	2944	24.652	ug/l	98
20) Methylene Chloride	4.91	84	3076	16.778	ug/l	93
25) 2-Butanone	7.18	43	5290	76.047	ug/l	94
52) Toluene	10.39	92	933	1.746	ug/l	93
86) p-Isopropyltoluene	13.50	119	4022	7.539	ug/l #	77

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011859.D

Acq: 12 Aug 2019 18:15

Instrument :

MSVOA_W

ClientSampled :

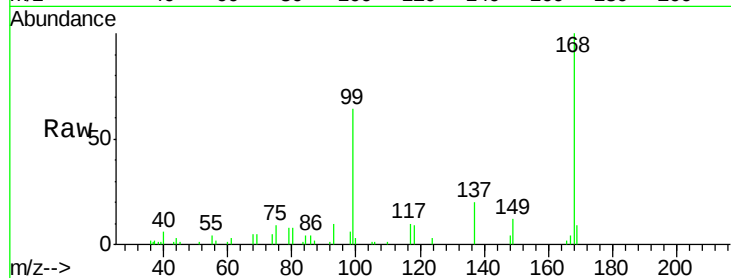
SP-3RE

Tot Ion:168 Resp: 14554

Ion Ratio Lower Upper

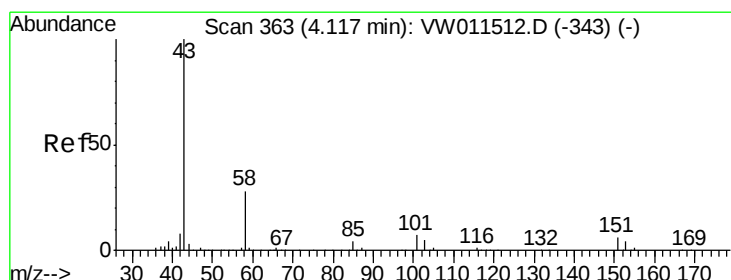
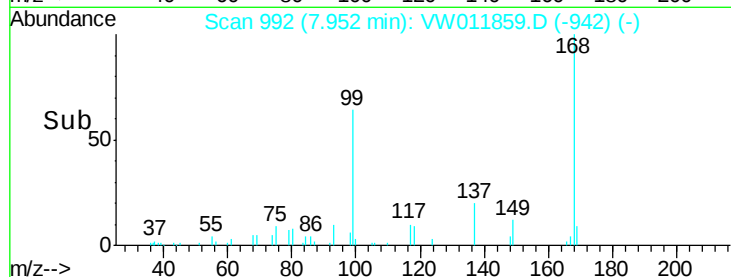
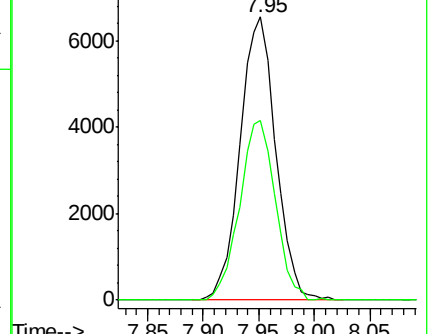
168 100

99 63.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 329.849 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011859.D

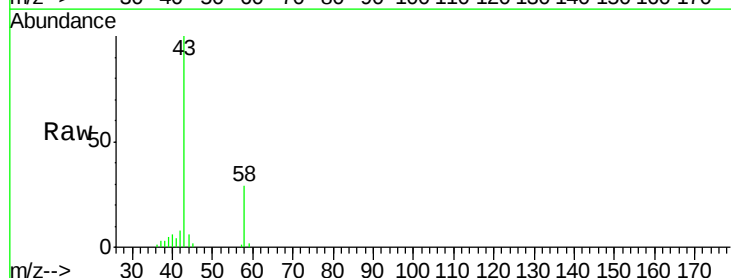
Acq: 12 Aug 2019 18:15

Tgt Ion: 43 Resp: 17535

Ion Ratio Lower Upper

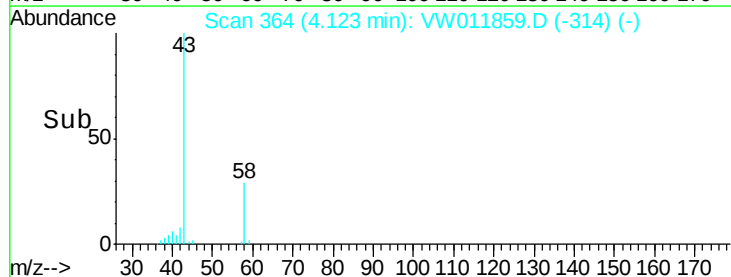
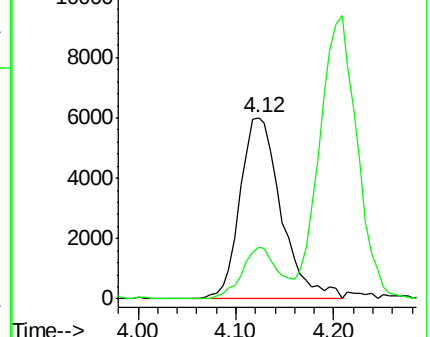
43 100

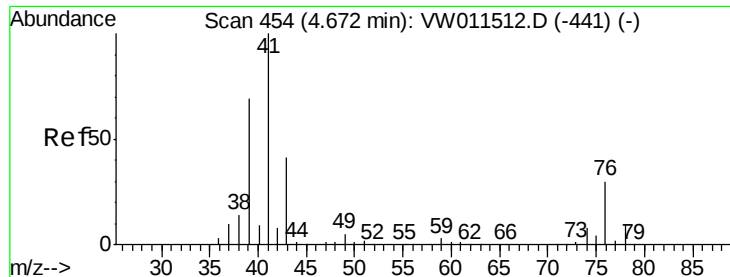
58 28.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

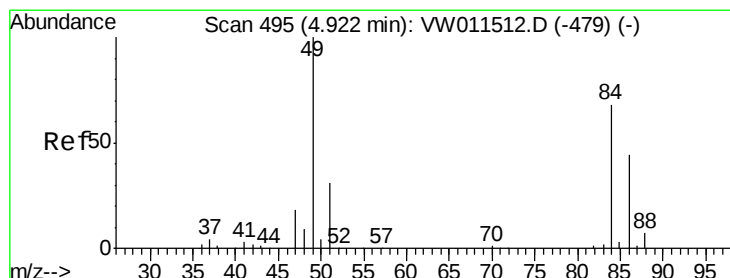
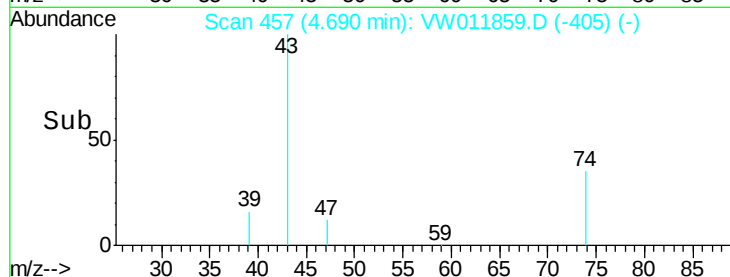
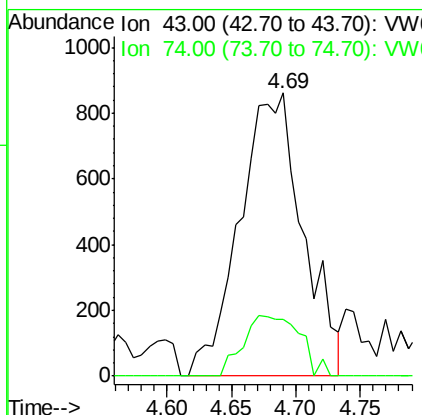
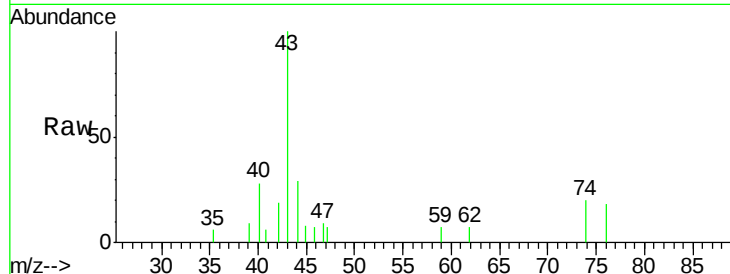




#18
Methyl Acetate
Concen: 24.652 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW011859.D
Acq: 12 Aug 2019 18:15

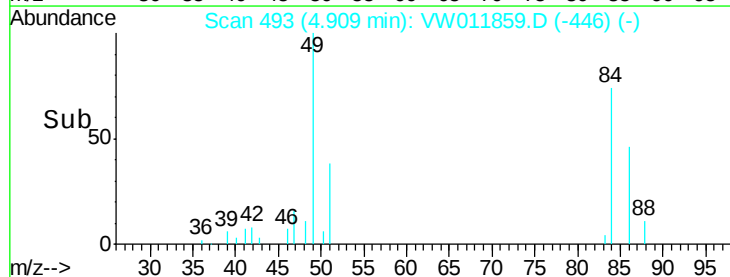
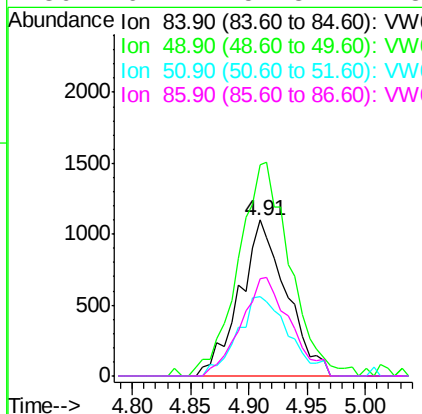
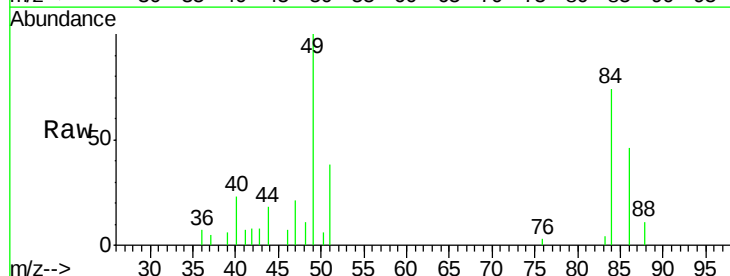
Instrument :
MSVOA_W
ClientSampled :
SP-3RE

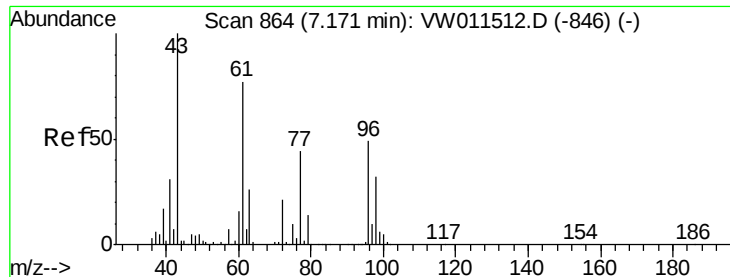
Tot Ion: 43 Resp: 2944
Ion Ratio Lower Upper
43 100
74 19.2 15.9 23.9



#20
Methylene Chloride
Concen: 16.778 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011859.D
Acq: 12 Aug 2019 18:15

Tgt Ion: 84 Resp: 3076
Ion Ratio Lower Upper
84 100
49 135.4 117.8 176.6
51 50.8 37.0 55.4
86 62.1 51.8 77.8





#25

2-Butanone

Concen: 76.047 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW011859.D

Acq: 12 Aug 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

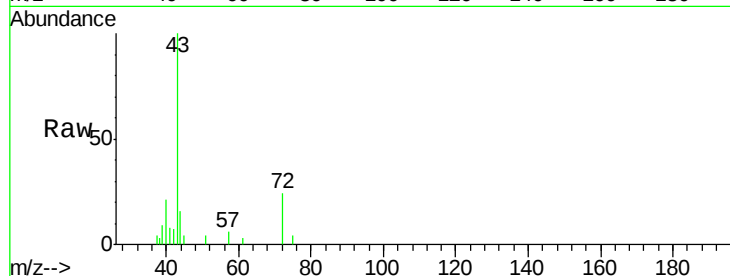
SP-3RE

Tot Ion: 43 Resp: 5290

Ion Ratio Lower Upper

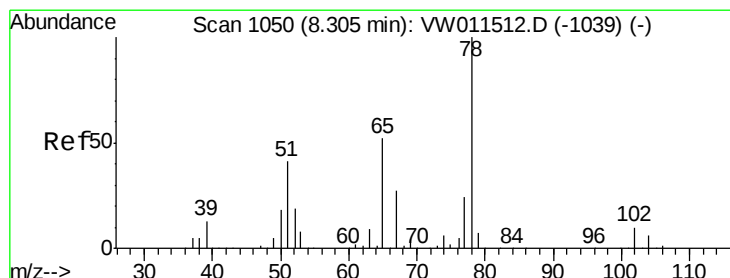
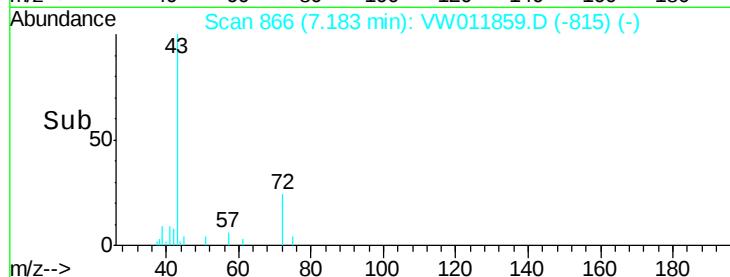
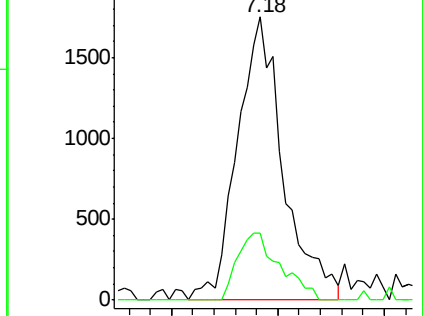
43 100

72 23.7 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 120.667 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011859.D

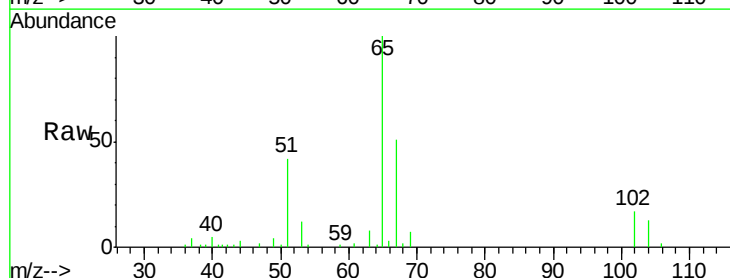
Acq: 12 Aug 2019 18:15

Tgt Ion: 65 Resp: 20166

Ion Ratio Lower Upper

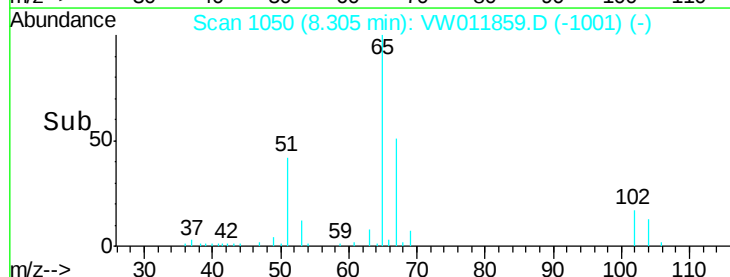
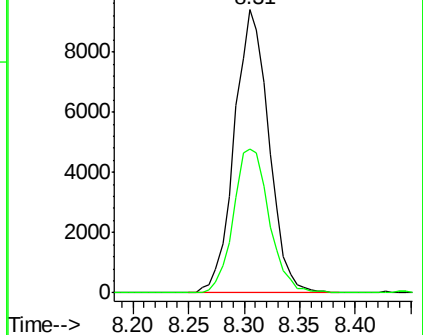
65 100

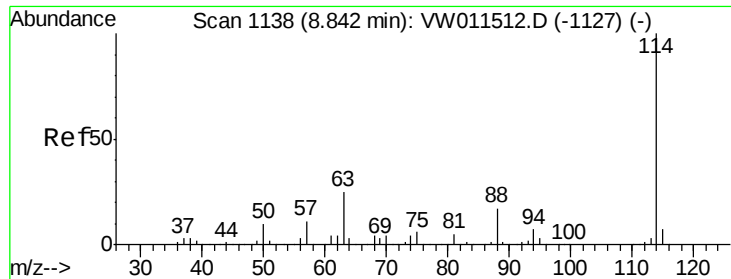
67 52.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

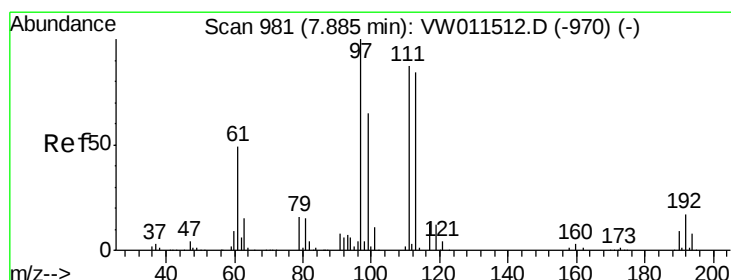
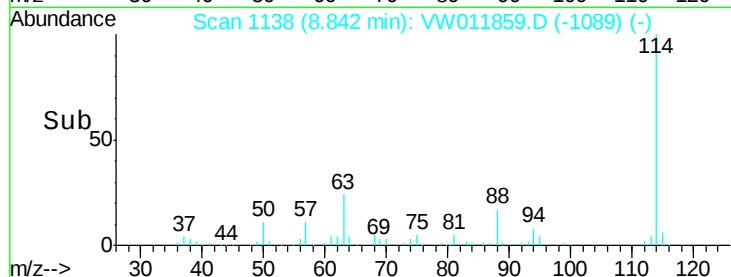
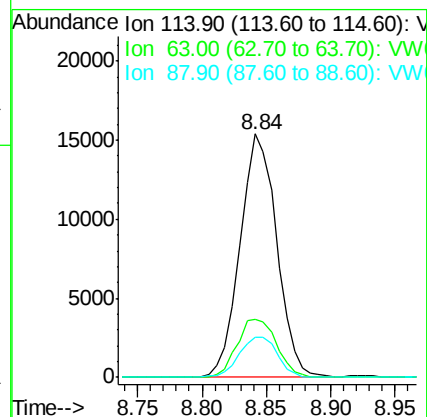
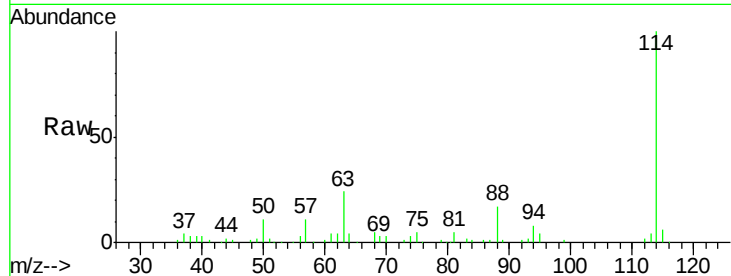




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011859.D
 Acq: 12 Aug 2019 18:15

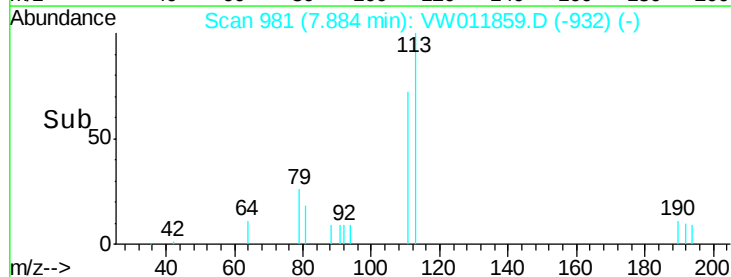
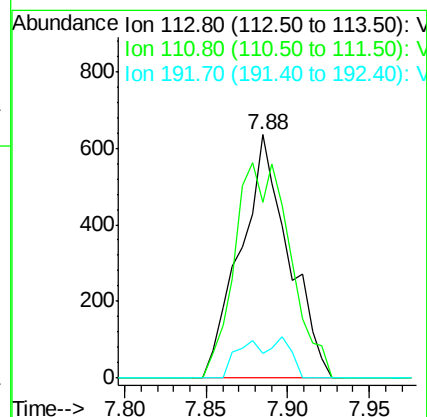
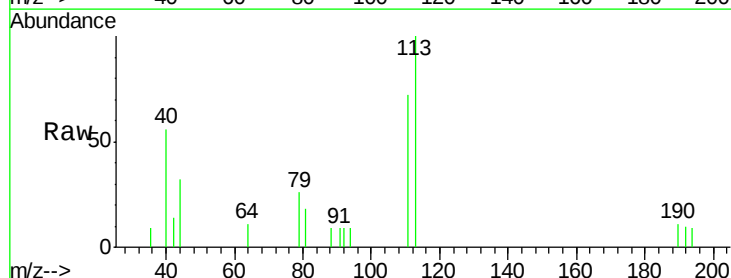
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-3RE

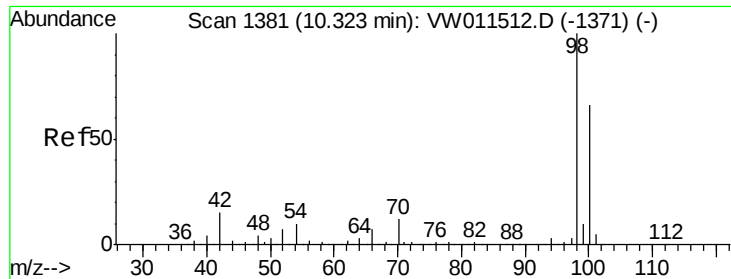
Tot Ion:114 Resp: 30383
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 16.7 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 7.644 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011859.D
 Acq: 12 Aug 2019 18:15

Tgt Ion:113 Resp: 1303
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.7 124.1
 192 8.7 16.1 24.1#

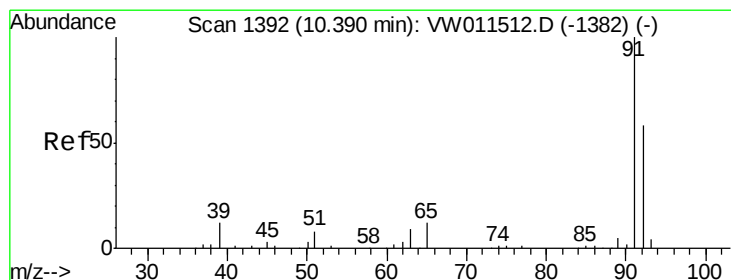
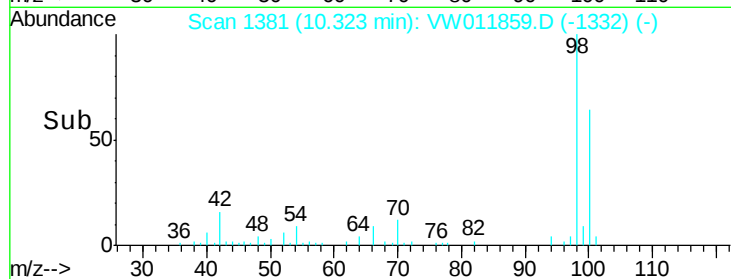
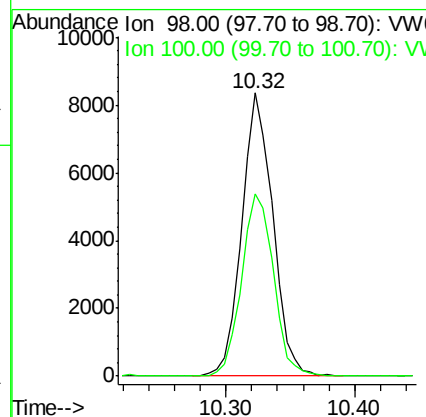
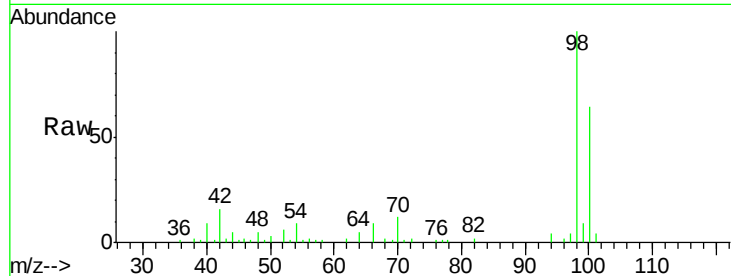




#50
Toluene-d8
Concen: 19.922 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011859.D
Acq: 12 Aug 2019 18:15

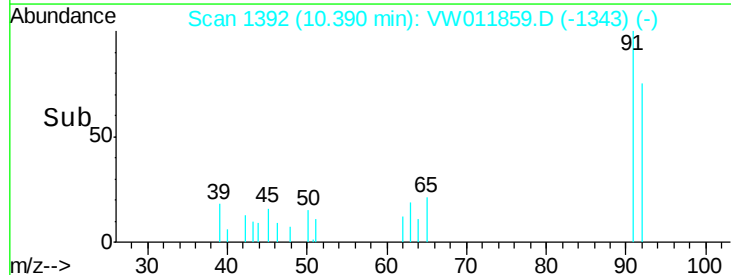
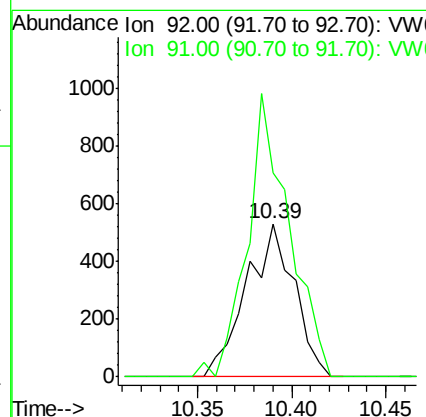
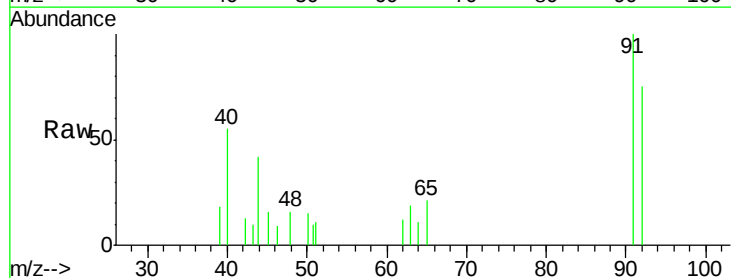
Instrument :
MSVOA_W
ClientSampleId :
SP-3RE

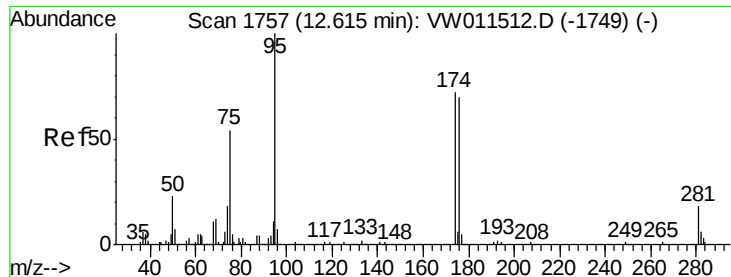
Tot Ion: 98 Resp: 13903
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1



#52
Toluene
Concen: 1.746 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011859.D
Acq: 12 Aug 2019 18:15

Tgt Ion: 92 Resp: 933
Ion Ratio Lower Upper
92 100
91 161.2 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 37.052 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011859.D

Acq: 12 Aug 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SP-3RE

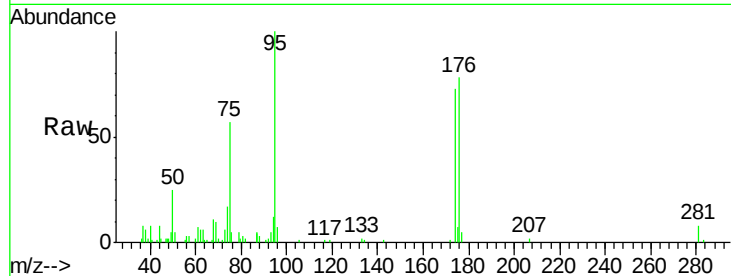
Tot Ion: 95 Resp: 9219

Ion Ratio Lower Upper

95 100

174 78.7 0.0 150.2

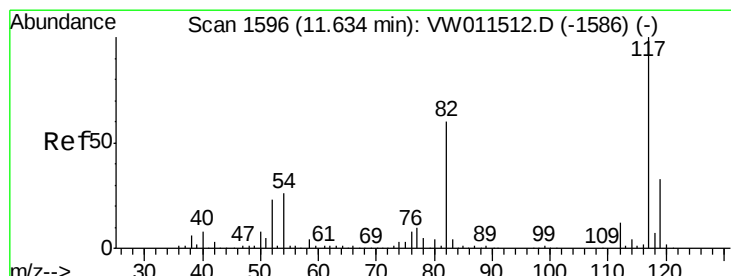
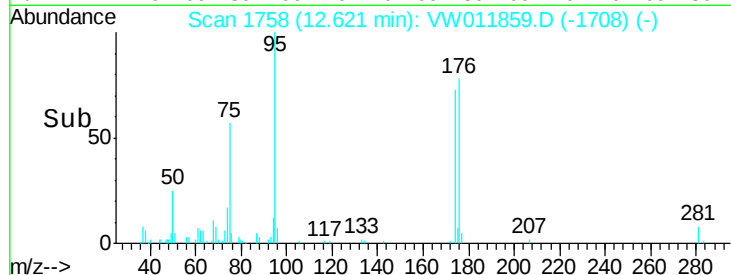
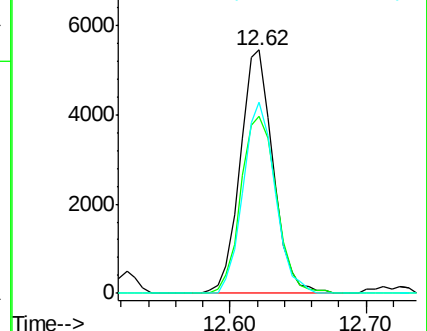
176 76.3 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011859.D

Acq: 12 Aug 2019 18:15

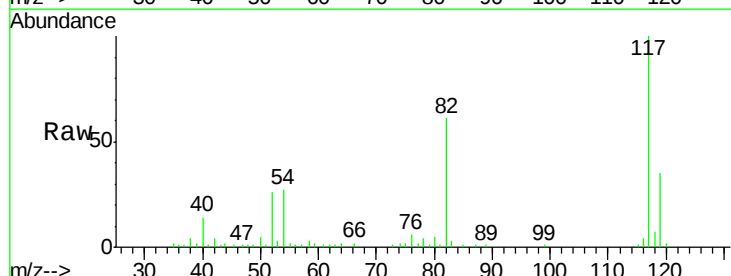
Tgt Ion: 117 Resp: 15838

Ion Ratio Lower Upper

117 100

82 61.0 47.9 71.9

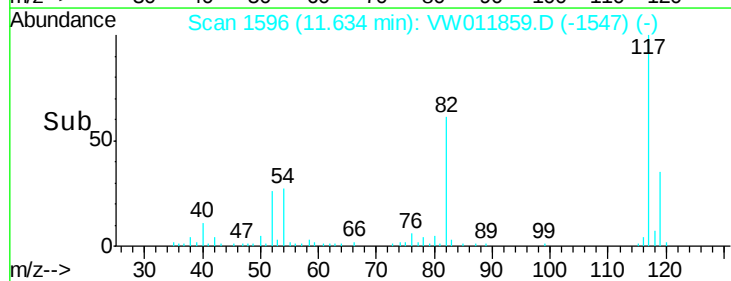
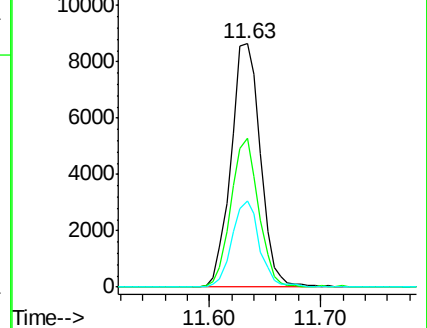
119 35.4 26.2 39.2

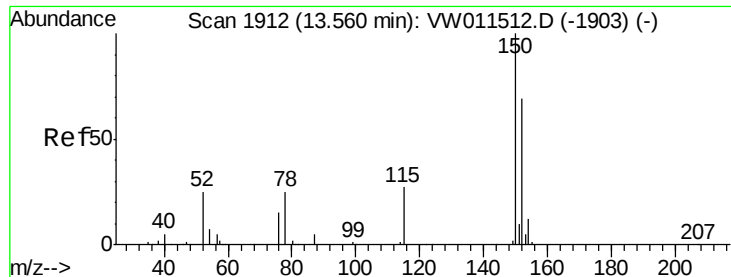


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011859.D

Acq: 12 Aug 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SP-3RE

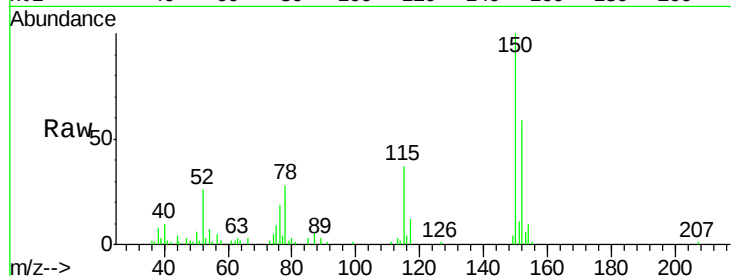
Tot Ion:152 Resp: 7880

Ion Ratio Lower Upper

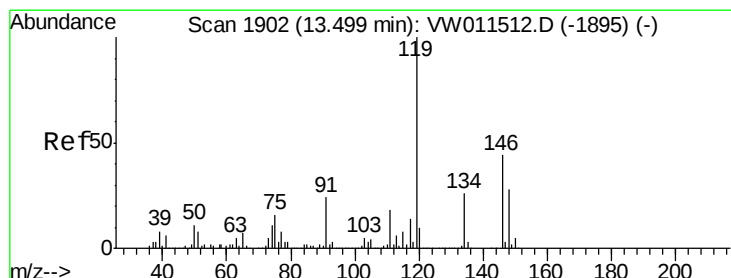
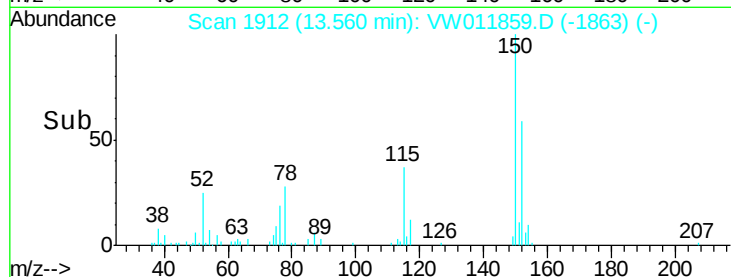
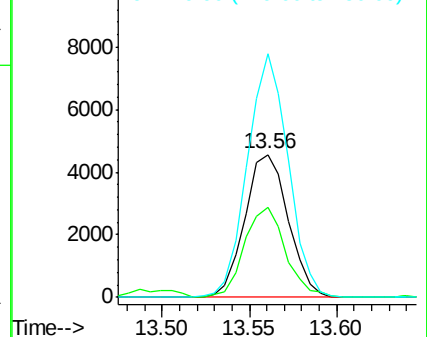
152 100

115 59.8 30.5 91.5

150 160.0 0.0 352.6



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



#86

p-Isopropyltoluene

Concen: 7.539 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011859.D

Acq: 12 Aug 2019 18:15

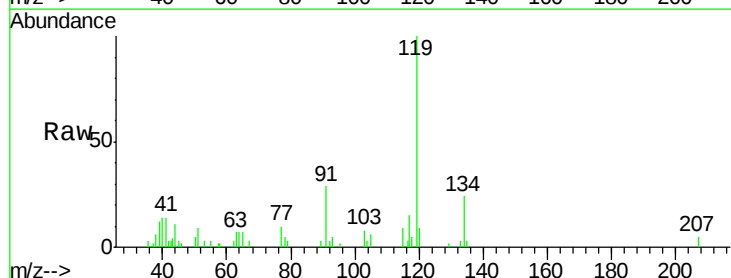
Tgt Ion:119 Resp: 4022

Ion Ratio Lower Upper

119 100

134 26.9 12.8 38.4

91 46.6 12.1 36.3#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

