

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007681.D
 Acq On : 19 Dec 2018 03:15
 Operator : SY/AP
 Sample : J6386-03
 Misc : 4.58G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 06:01:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	582	50.00	ug/l	0.00

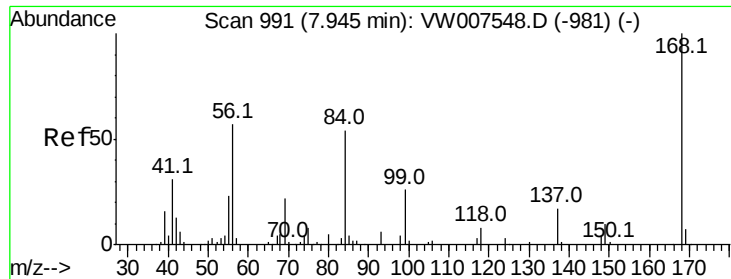
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3823	511.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1022.54%	
35) Dibromofluoromethane	7.89	113	1600	125.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	251.02%	
50) Toluene-d8	10.32	98	698	14.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.20%	
62) 4-Bromofluorobenzene	12.63	95	960	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.17	59	106	206.408	ug/l #	74
16) Acetone	4.12	43	3028	2318.360	ug/l #	85
20) Methylene Chloride	4.91	84	2557	384.186	ug/l	91
25) 2-Butanone	7.13	43	176	103.219	ug/l #	45
26) 2,2-Dichloropropane	7.15	77	498	59.433	ug/l #	52
37) Ethyl Acetate	7.13	43	176	24.631	ug/l #	66
51) 4-Methyl-2-Pentanone	10.21	43	19	2.849	ug/l #	34
76) 1,2,3-Trichloropropane	12.62	75	536	111.696	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	536	246.736	ug/l #	7

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007681.D

Acq: 19 Dec 2018 03:15

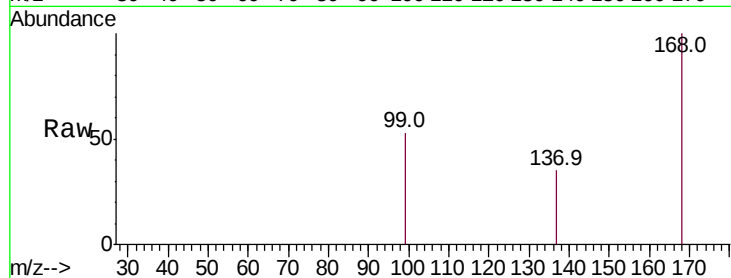
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 674

Ion Ratio Lower Upper

168 100

99 53.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

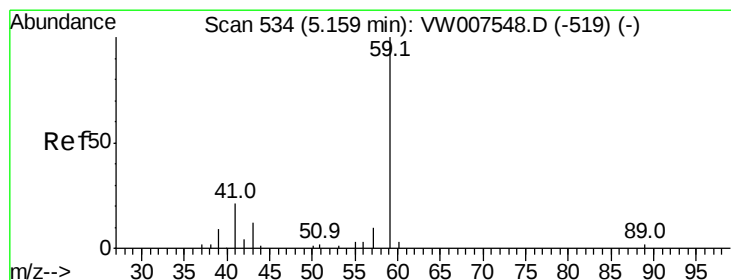
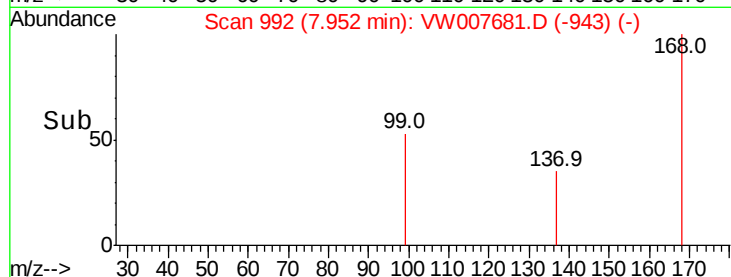
300

200

100

0

Time-->



#11

Tert butyl alcohol

Concen: 206.408 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007681.D

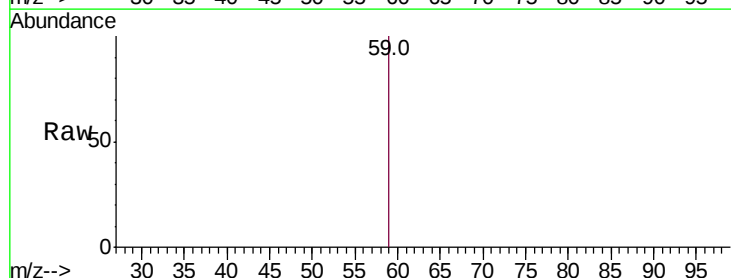
Acq: 19 Dec 2018 03:15

Tgt Ion: 59 Resp: 106

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

80

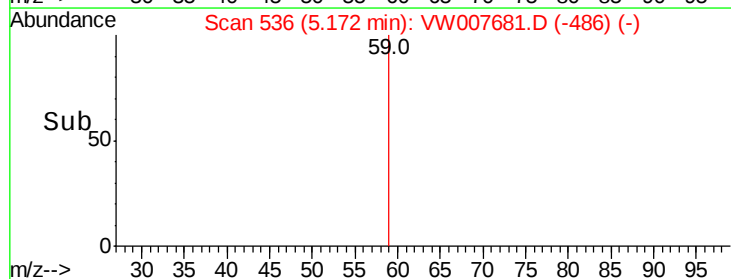
60

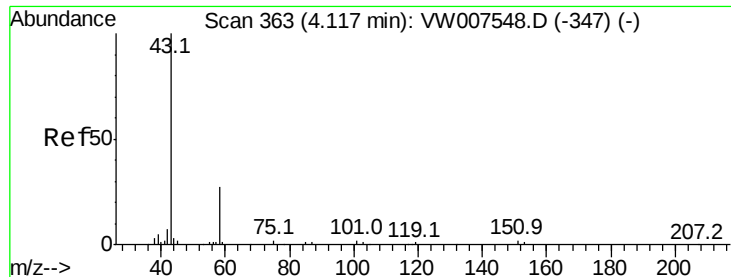
40

20

0

Time-->

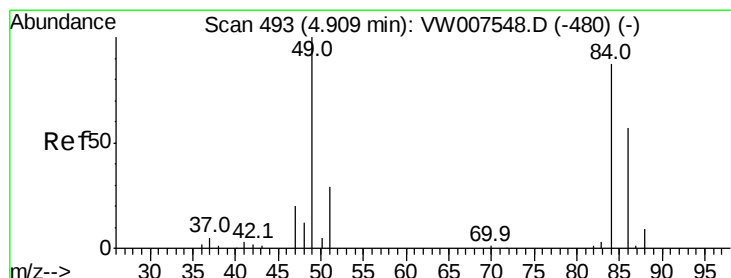
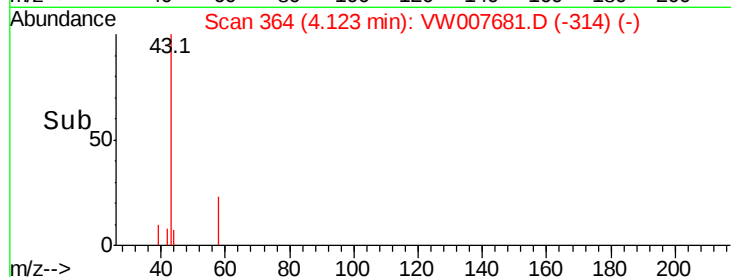
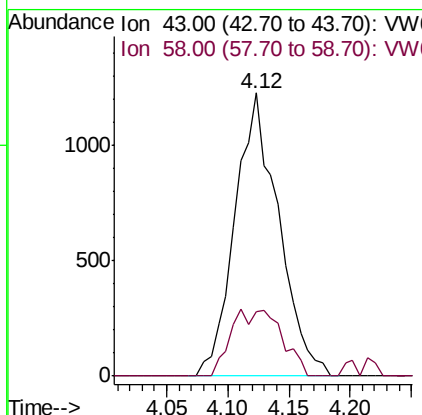
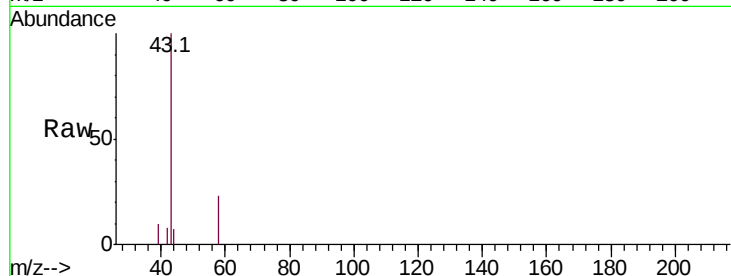




#16
Acetone
Concen: 2318.360 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007681.D
Acq: 19 Dec 2018 03:15

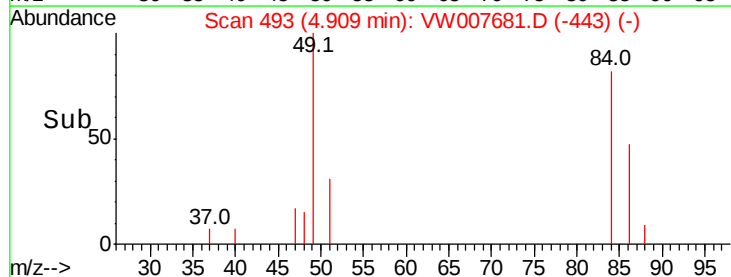
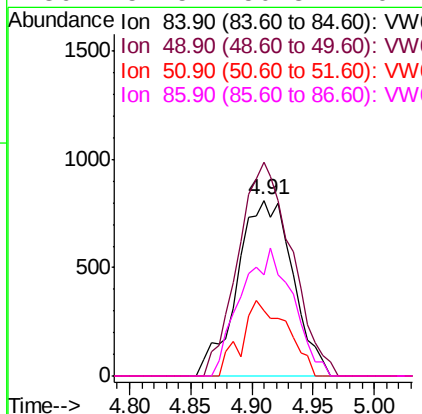
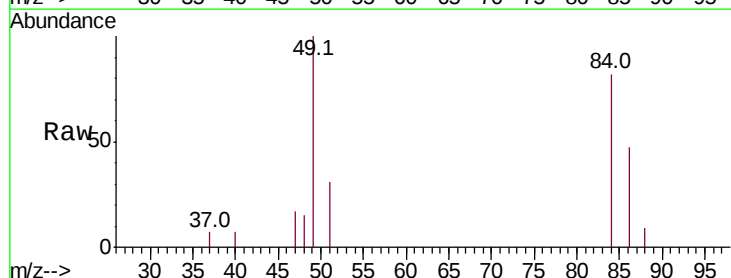
Instrument :
MSVOA_W
ClientSampled :

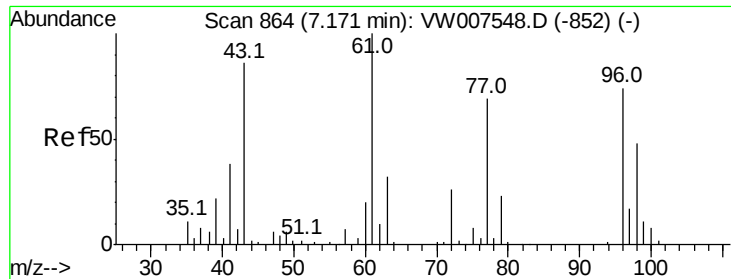
Tot Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
58 22.8 24.9 37.3#



#20
Methylene Chloride
Concen: 384.186 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007681.D
Acq: 19 Dec 2018 03:15

Tgt Ion: 84 Resp: 2557
Ion Ratio Lower Upper
84 100
49 121.9 87.1 130.7
51 37.5 28.2 42.2
86 57.5 50.8 76.2

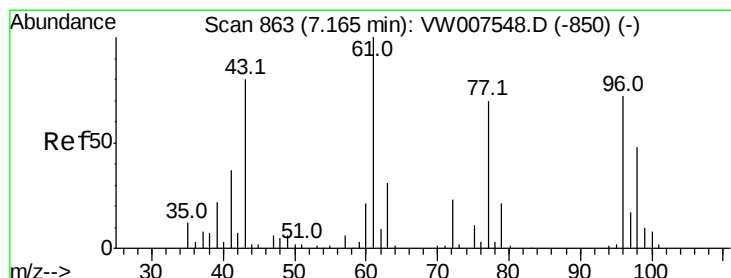
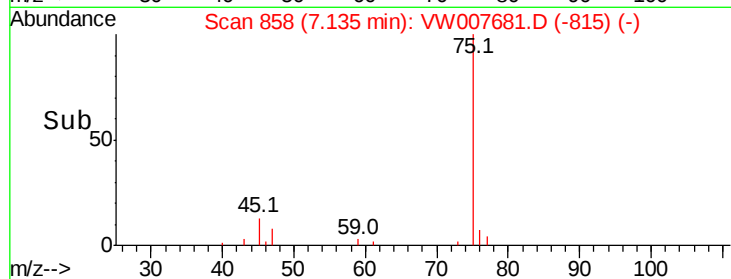
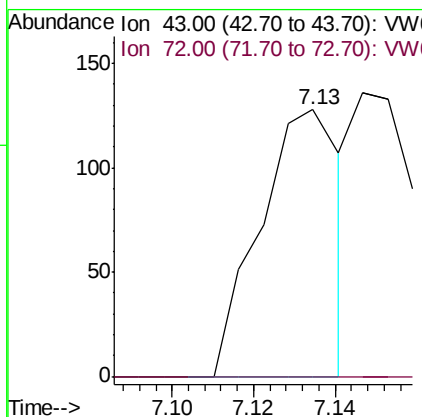
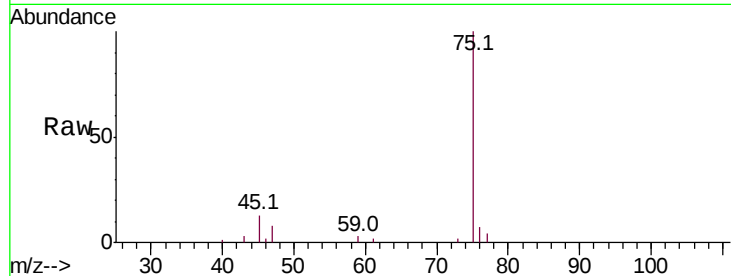




#25
2-Butanone
Concen: 103.219 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW007681.D
Acq: 19 Dec 2018 03:15

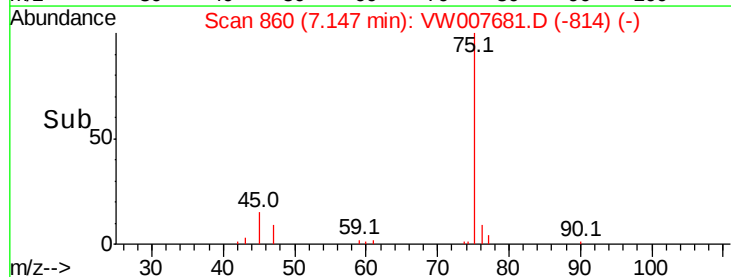
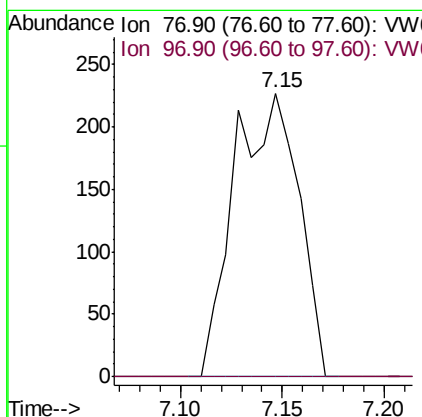
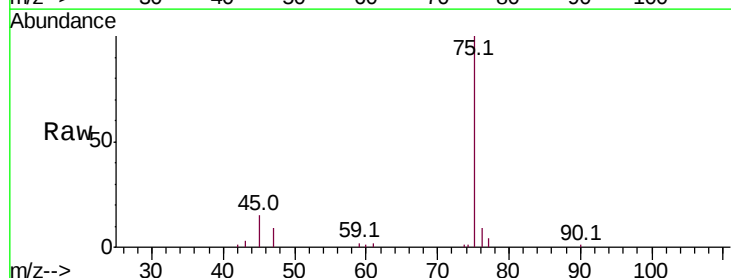
Instrument :
MSVOA_W
ClientSampleId :

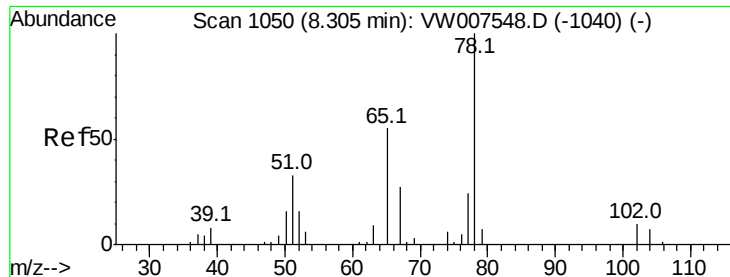
Tot Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#



#26
2,2-Dichloropropane
Concen: 59.433 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007681.D
Acq: 19 Dec 2018 03:15

Tgt Ion: 77 Resp: 498
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#

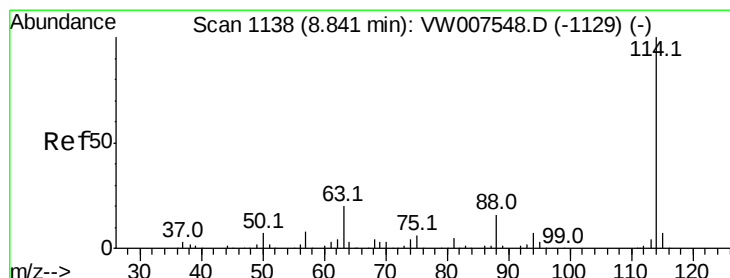
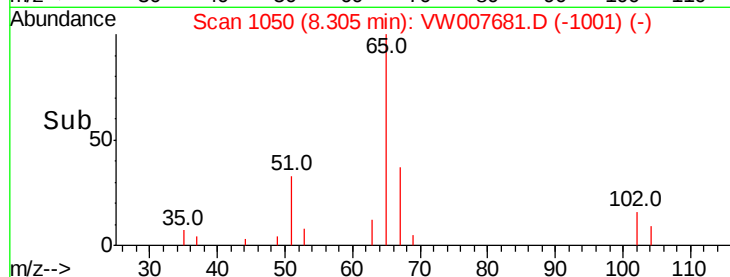
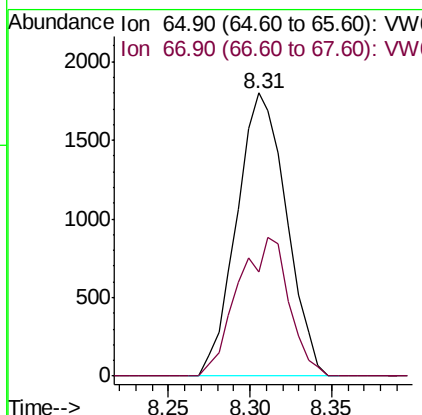
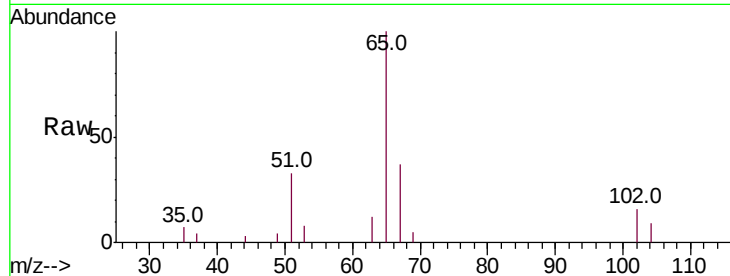




#33
 1,2-Dichloroethane-d4
 Concen: 511.268 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007681.D
 Acq: 19 Dec 2018 03:15

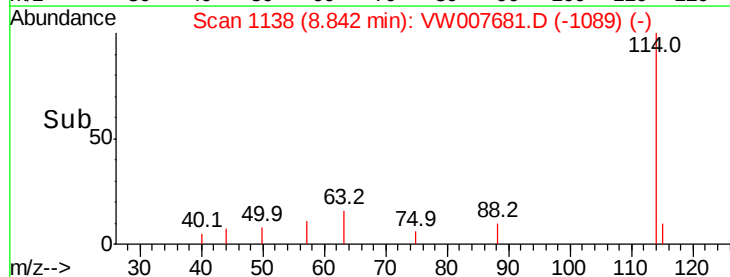
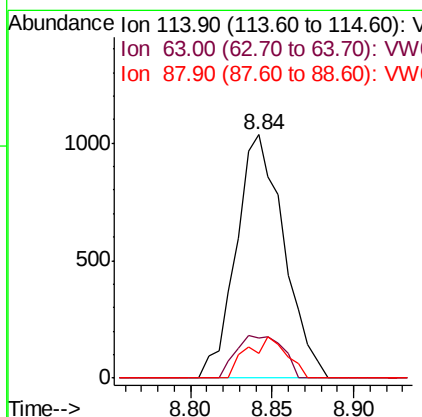
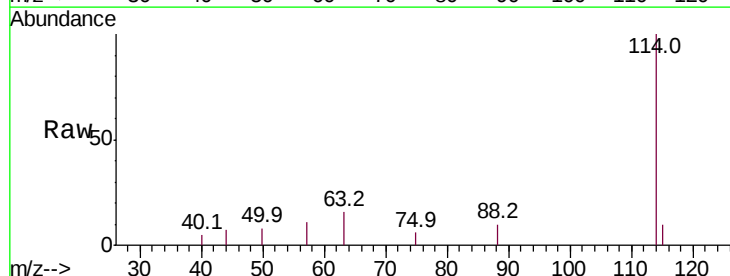
Instrument :
 MSVOA_W
 ClientSampled :

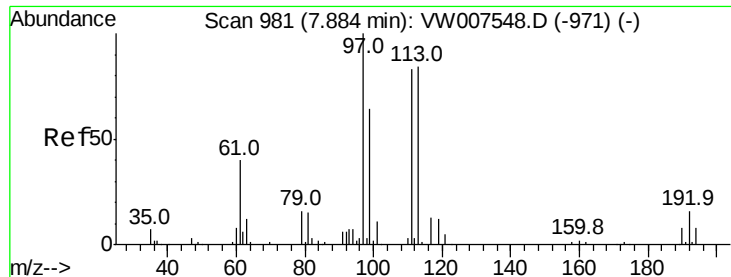
Tot Ion: 65 Resp: 3823
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007681.D
 Acq: 19 Dec 2018 03:15

Tgt Ion: 114 Resp: 2106
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 39.6
 88 9.9 0.0 31.4

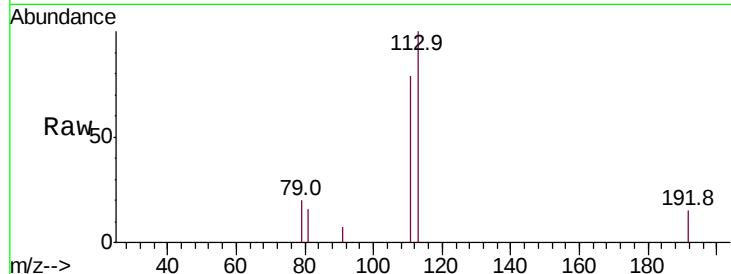




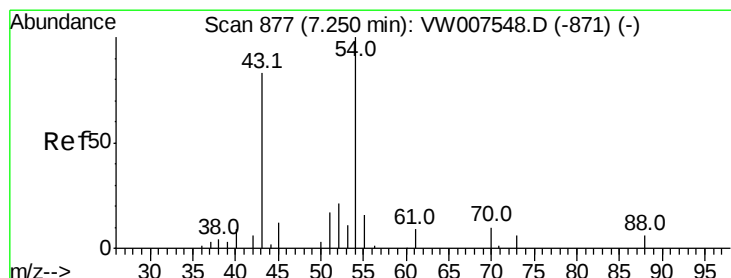
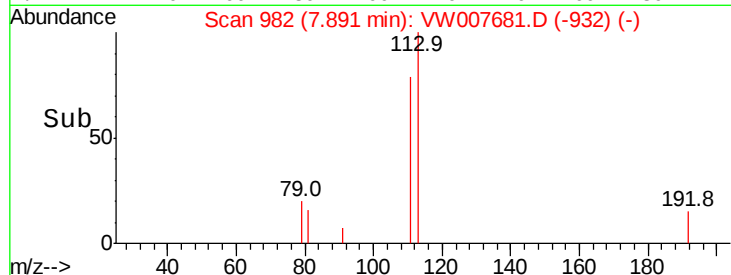
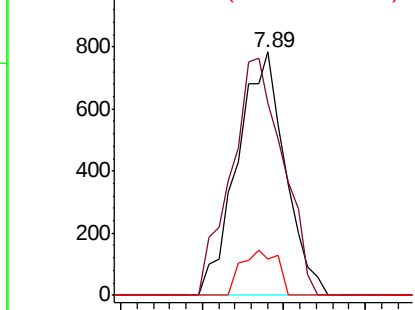
#35
 Dibromofluoromethane
 Concen: 125.505 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW007681.D
 Acq: 19 Dec 2018 03:15

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 1600
 Ion Ratio Lower Upper
 113 100
 111 105.2 81.1 121.7
 192 13.9 14.6 21.8#

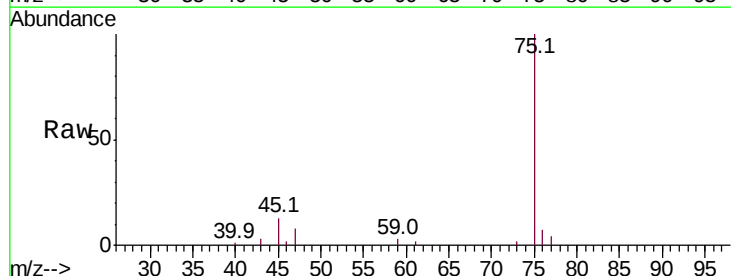


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

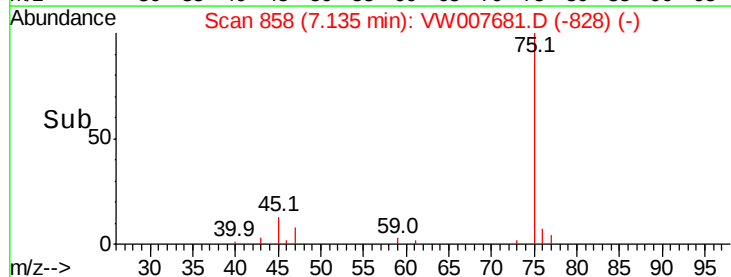
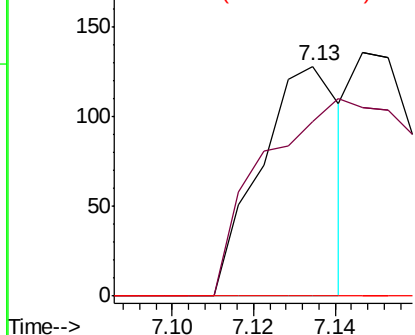


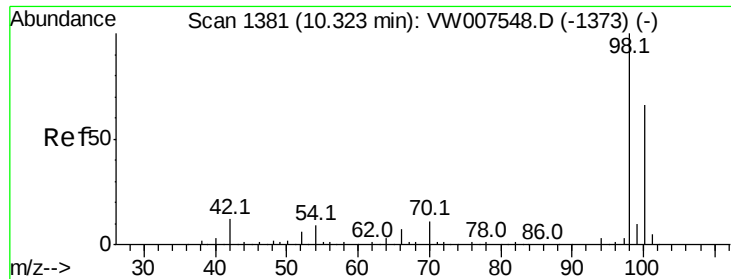
#37
 Ethyl Acetate
 Concen: 24.631 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.12 min
 Lab File: VW007681.D
 Acq: 19 Dec 2018 03:15

Tgt Ion: 43 Resp: 176
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW





#50

Toluene-d8

Concen: 14.603 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007681.D

Acq: 19 Dec 2018 03:15

Instrument :

MSVOA_W

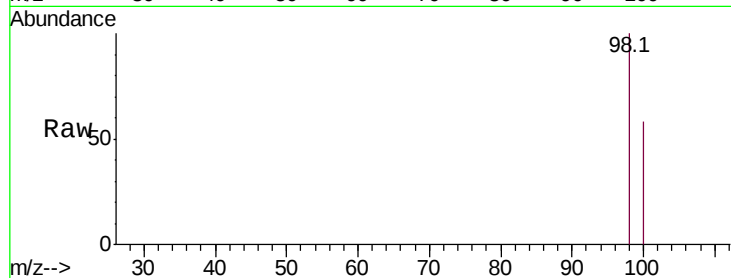
ClientSampleId :

Tot Ion: 98 Resp: 698

Ion Ratio Lower Upper

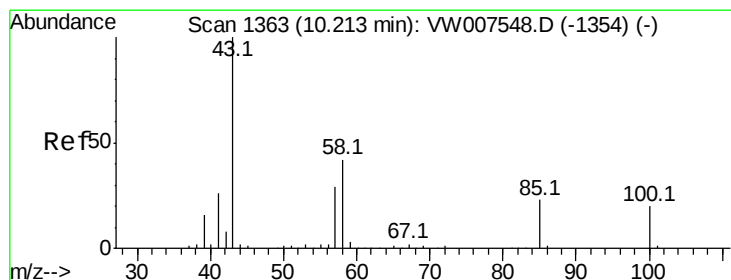
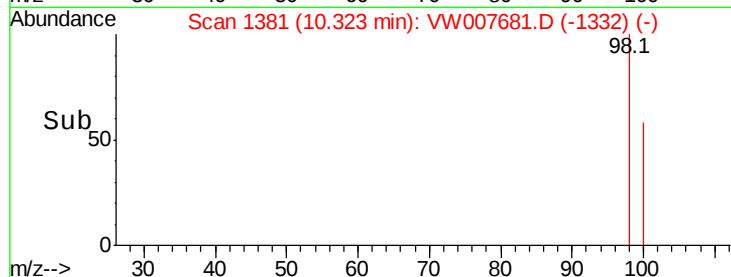
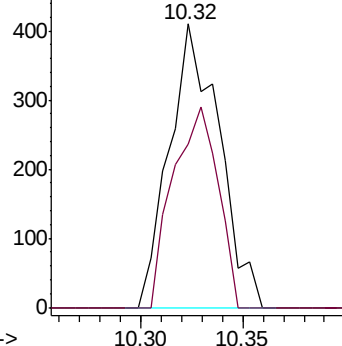
98 100

100 63.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 2.849 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007681.D

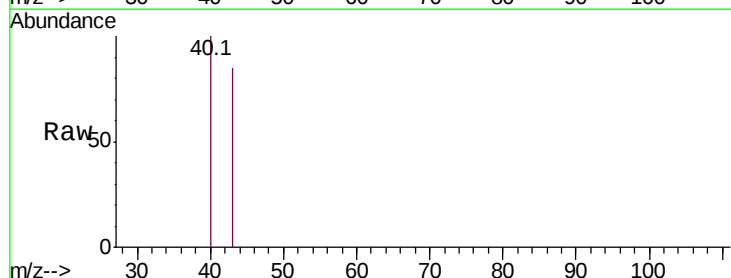
Acq: 19 Dec 2018 03:15

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

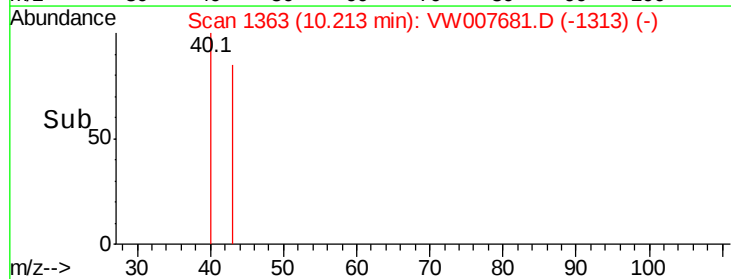
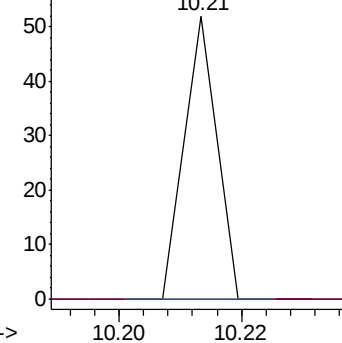
43 100

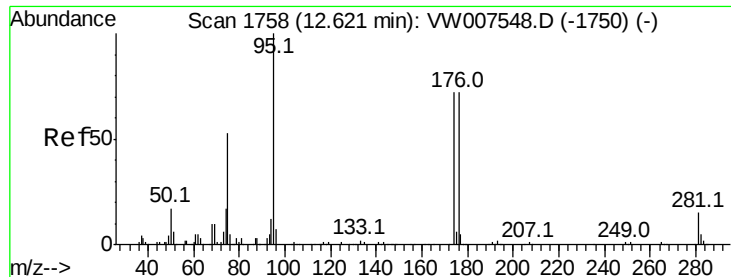
58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 54.624 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW007681.D

Acq: 19 Dec 2018 03:15

Instrument :

MSVOA_W

ClientSampleId :

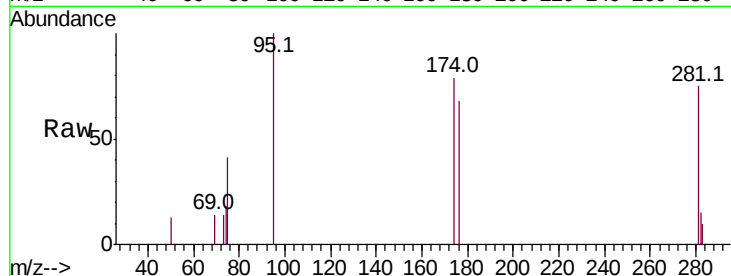
Tot Ion: 95 Resp: 960

Ion Ratio Lower Upper

95 100

174 72.4 0.0 147.2

176 73.5 0.0 138.8



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

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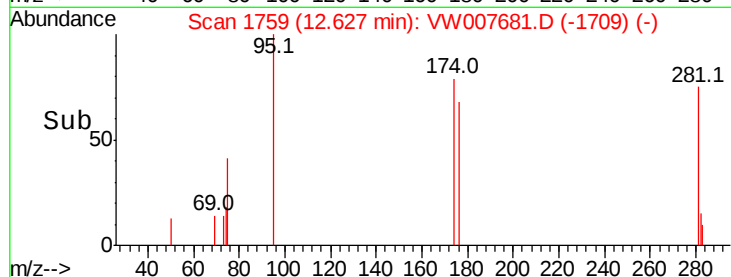
12.63

12.63

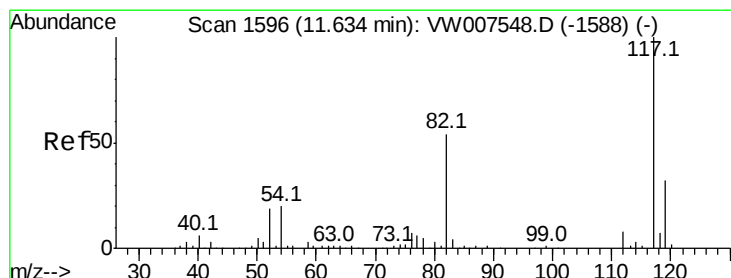
12.63

12.63

12.63



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007681.D

Acq: 19 Dec 2018 03:15

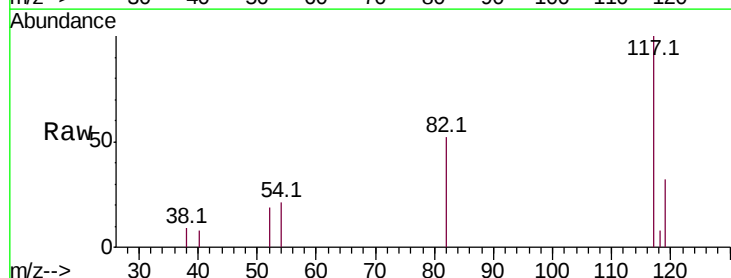
Tgt Ion: 117 Resp: 1686

Ion Ratio Lower Upper

117 100

82 51.5 42.3 63.5

119 31.8 23.0 34.6



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

11.63

11.63

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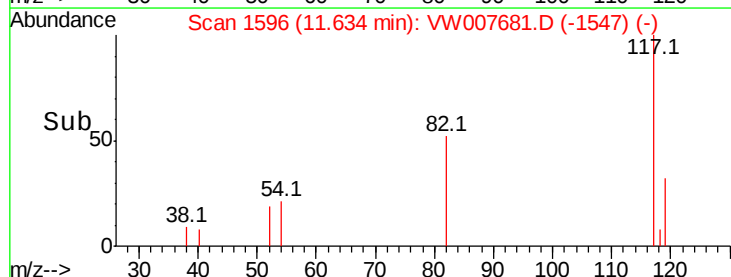
11.63

11.63

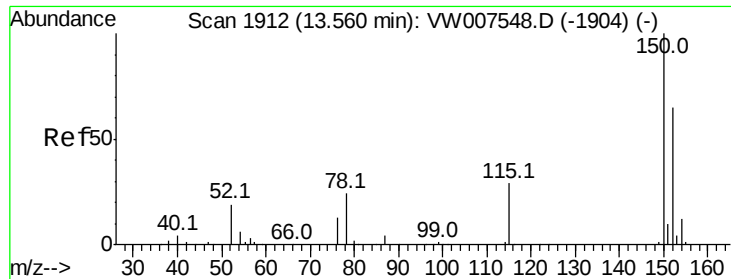
11.63

11.63

11.63



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007681.D

Acq: 19 Dec 2018 03:15

Instrument :

MSVOA_W

ClientSampleId :

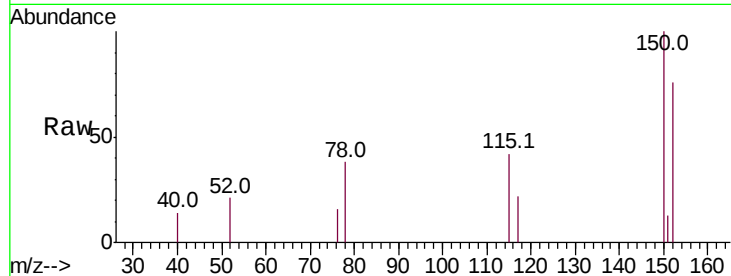
Tot Ion:152 Resp: 582

Ion Ratio Lower Upper

152 100

115 69.1 31.4 94.2

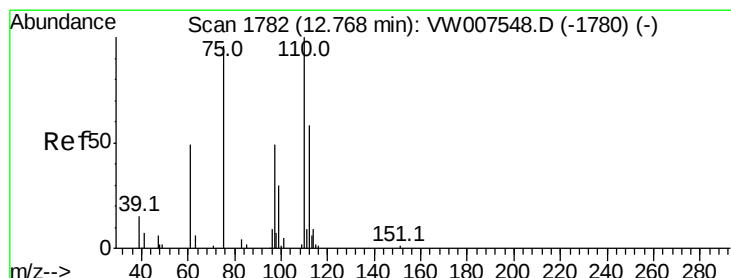
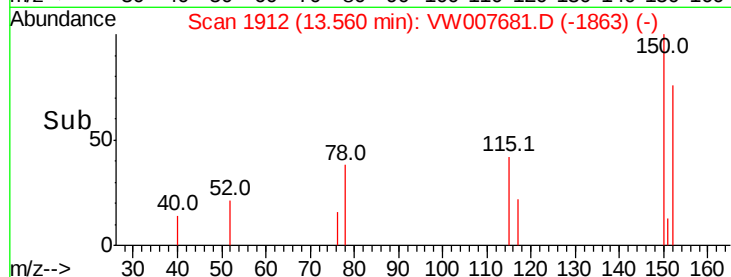
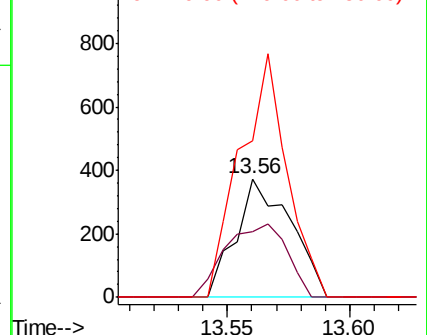
150 176.1 0.0 358.4



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



#76

1,2,3-Trichloropropane

Concen: 111.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007681.D

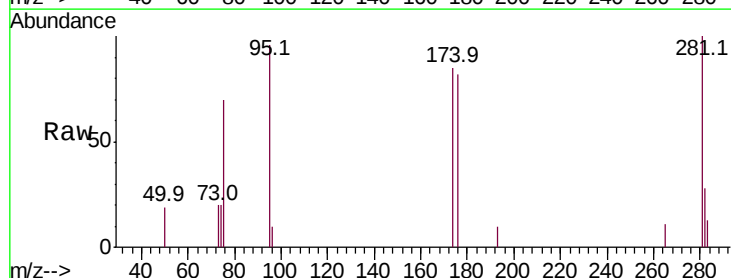
Acq: 19 Dec 2018 03:15

Tgt Ion: 75 Resp: 536

Ion Ratio Lower Upper

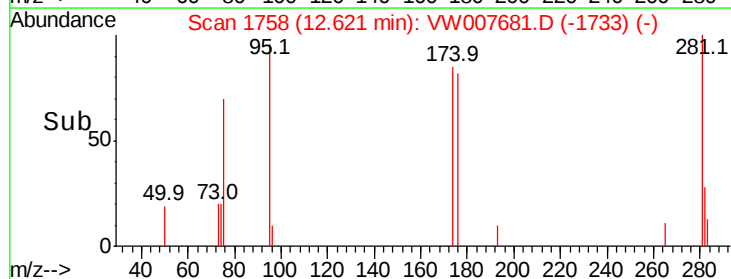
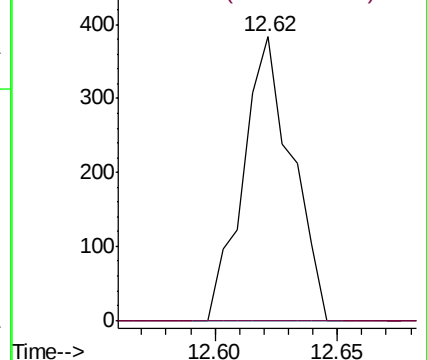
75 100

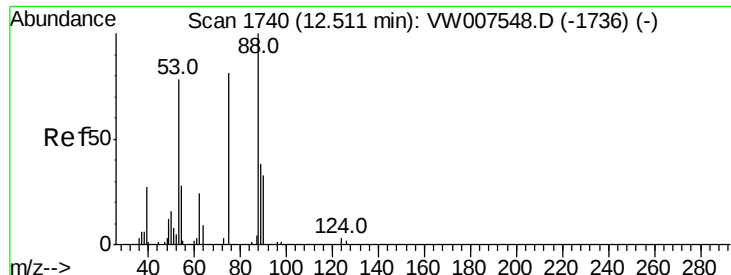
77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 246.736 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007681.D

Acq: 19 Dec 2018 03:15

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 536

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

