

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033305.D
 Acq On : 14 Dec 2023 03:07
 Operator : SY/MD
 Sample : 05770-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y77

Quant Time: Dec 14 04:36:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

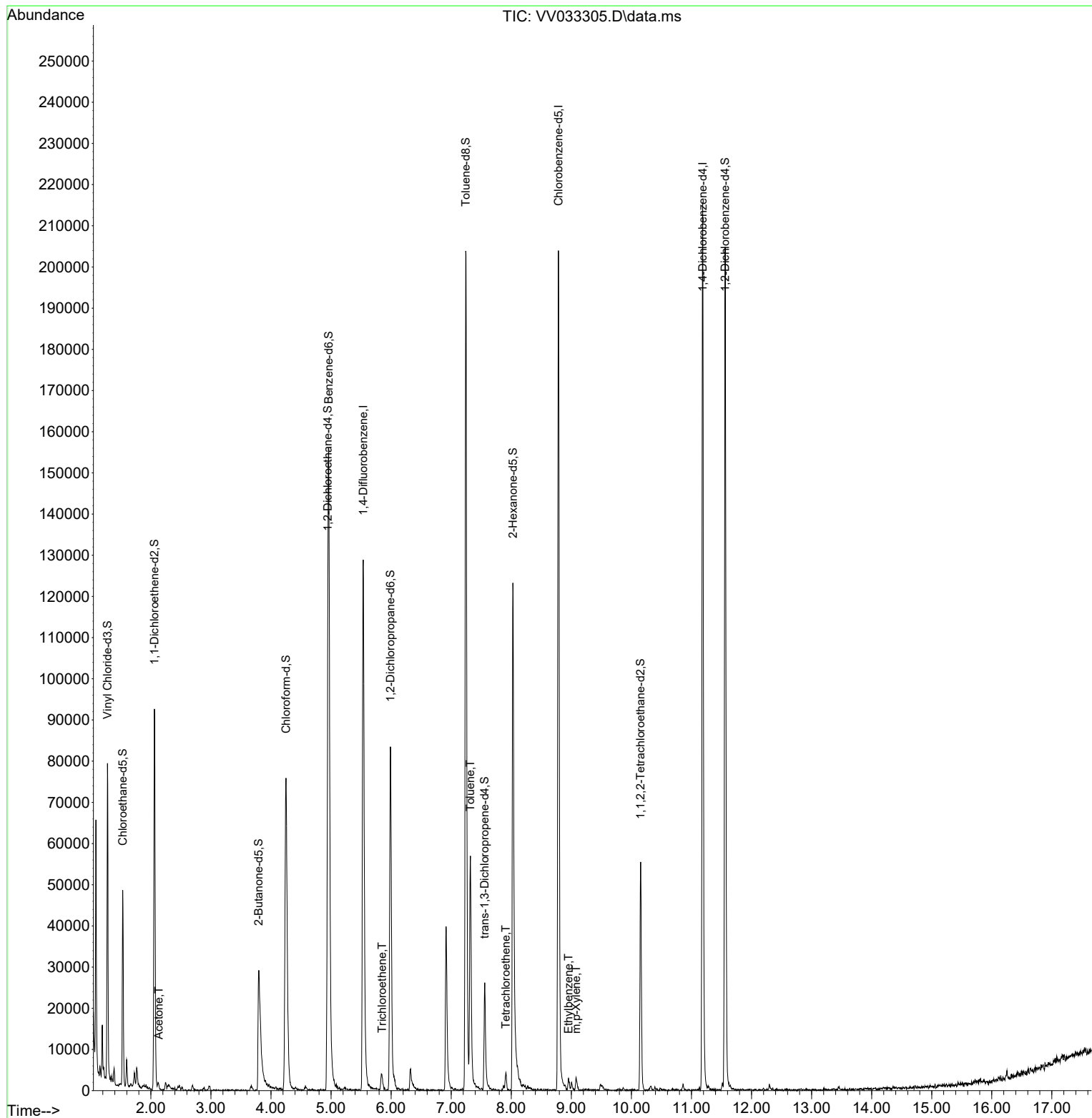
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	124652	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	126391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36503	4.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.532	69	28621	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.060	65	15015	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.796	46	46225	48.882	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.760%
24) Chloroform-d	4.249	84	82869	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	4.947	65	37231	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.960	84	154747	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.989	67	36216	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.243	98	146808	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.558	79	15224	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.027	63	48049	50.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.400%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24192	4.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	58476	5.016	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
13) Acetone	2.130	43	1683	2.515	ug/L	# 59
34) Trichloroethene	5.851	95	1157	0.117	ug/L	90
42) Toluene	7.320	91	44313	1.142	ug/L	99
47) Tetrachloroethene	7.908	164	1018	0.109	ug/L	90
52) Ethylbenzene	8.953	91	2316	0.053	ug/L	84
53) m,p-Xylene	9.082	106	1134	0.063	ug/L	76

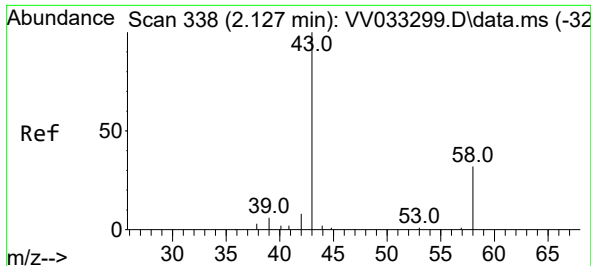
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.515 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033305.D

Acq: 14 Dec 2023 03:07

Instrument :

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ClientSampleId :

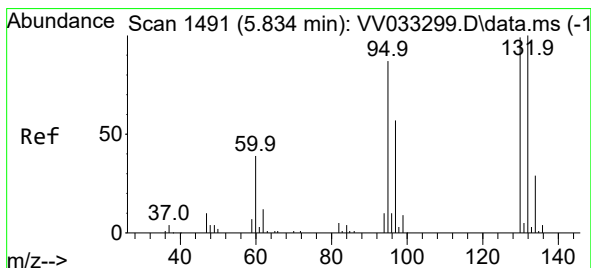
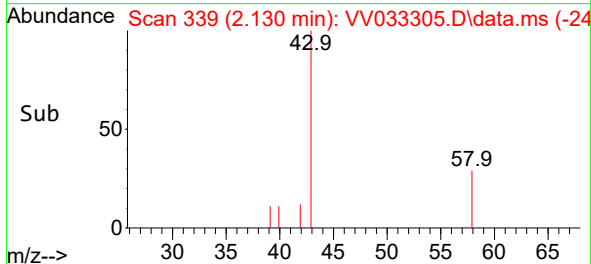
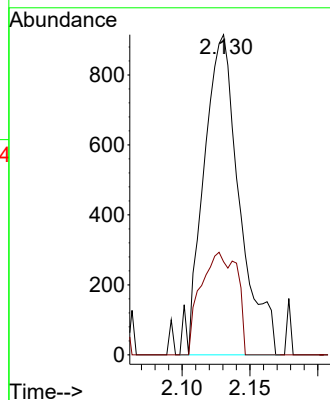
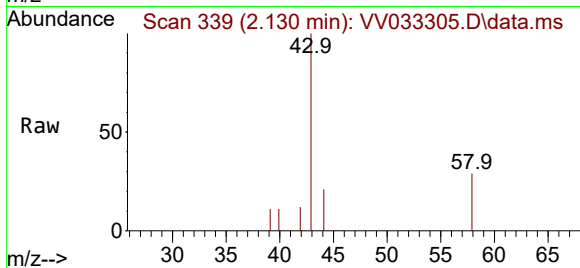
E0Y77

Tgt Ion: 43 Resp: 1683

Ion Ratio Lower Upper

43 100

58 32.2 0.0 30.2#



#34

Trichloroethene

Concen: 0.117 ug/L

RT: 5.851 min Scan# 1496

Delta R.T. 0.016 min

Lab File: VV033305.D

Acq: 14 Dec 2023 03:07

Tgt Ion: 95 Resp: 1157

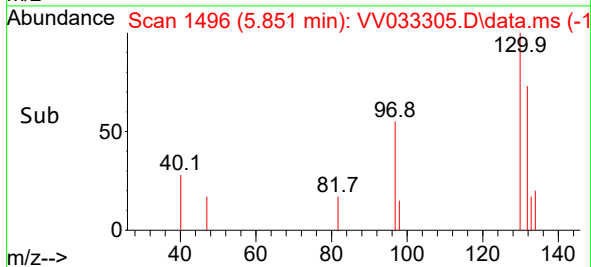
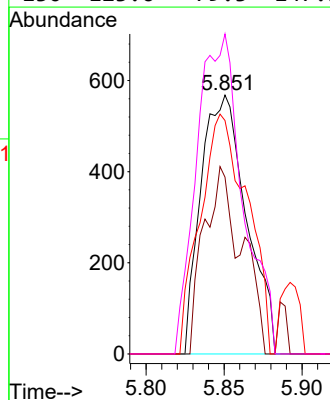
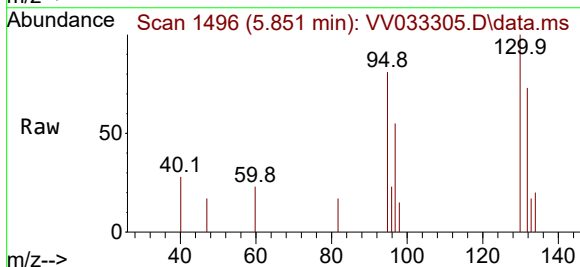
Ion Ratio Lower Upper

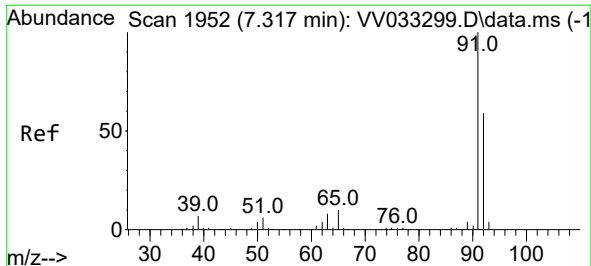
95 100

97 68.3 46.5 86.5

132 90.1 75.1 139.5

130 123.6 79.3 147.3





#42

Toluene

Concen: 1.142 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033305.D

Acq: 14 Dec 2023 03:07

Instrument :

MSVOA_V

ClientSampleId :

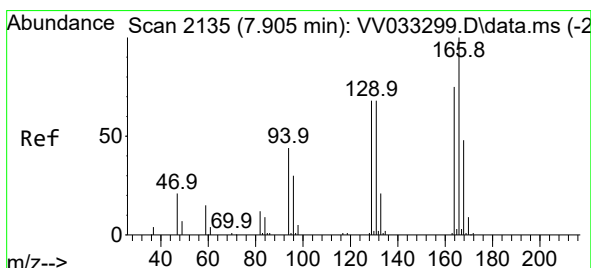
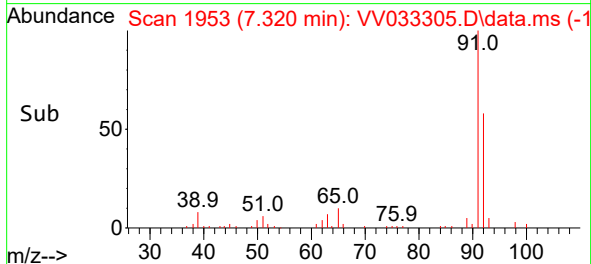
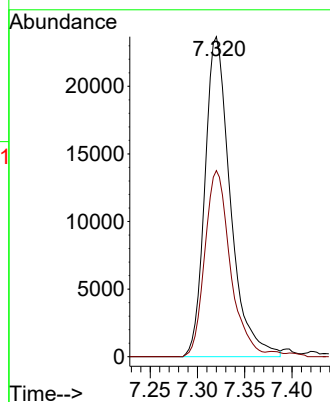
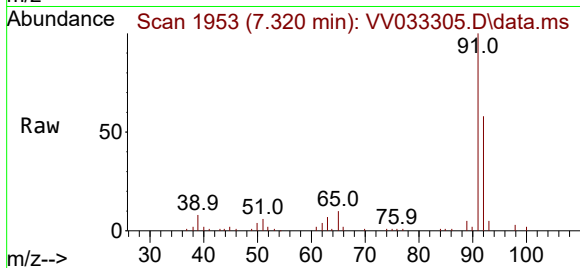
E0Y77

Tgt Ion: 91 Resp: 44313

Ion Ratio Lower Upper

91 100

92 58.1 40.2 74.6



#47

Tetrachloroethene

Concen: 0.109 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033305.D

Acq: 14 Dec 2023 03:07

Tgt Ion: 164 Resp: 1018

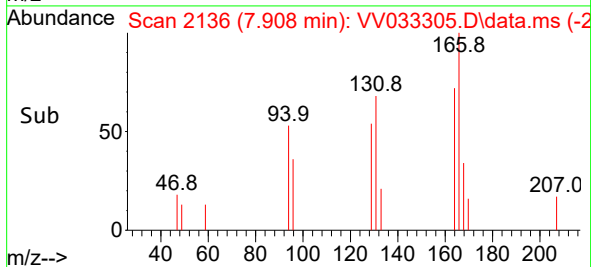
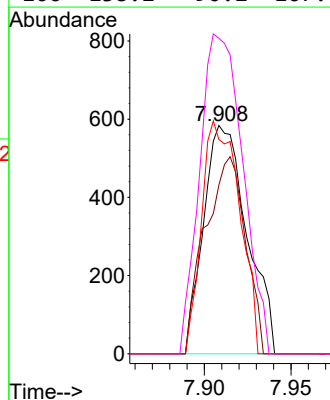
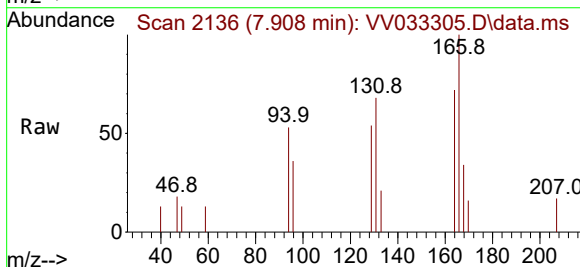
Ion Ratio Lower Upper

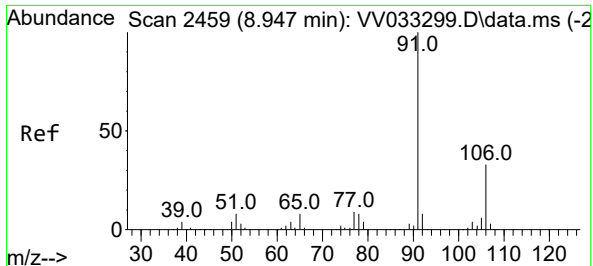
164 100

129 74.0 62.6 116.3

131 93.8 62.6 116.3

166 138.2 90.2 167.6





#52

Ethylbenzene

Concen: 0.053 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.007 min

Lab File: VV033305.D

Acq: 14 Dec 2023 03:07

Instrument :

MSVOA_V

ClientSampleId :

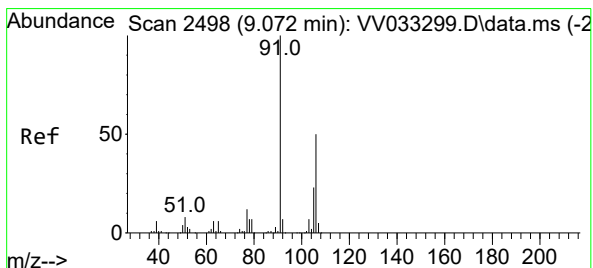
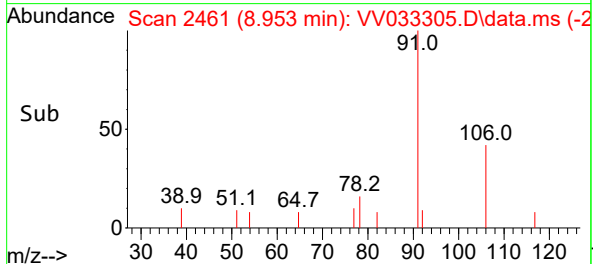
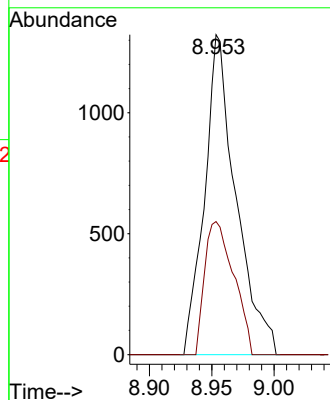
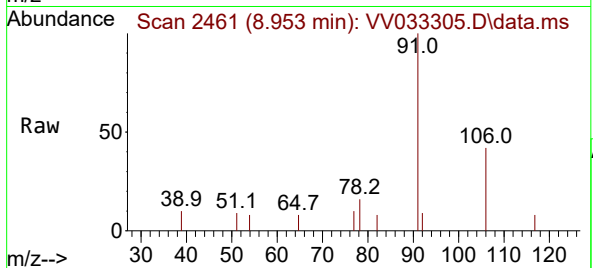
E0Y77

Tgt Ion: 91 Resp: 2316

Ion Ratio Lower Upper

91 100

106 41.6 22.7 42.3



#53

m,p-Xylene

Concen: 0.063 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV033305.D

Acq: 14 Dec 2023 03:07

Tgt Ion: 106 Resp: 1134

Ion Ratio Lower Upper

106 100

91 160.0 136.8 254.0

