

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023733.D
 Acq On : 26 Nov 2021 18:09
 Operator : SY/MD
 Sample : M4821-15DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4660DL

Quant Time: Nov 27 03:55:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

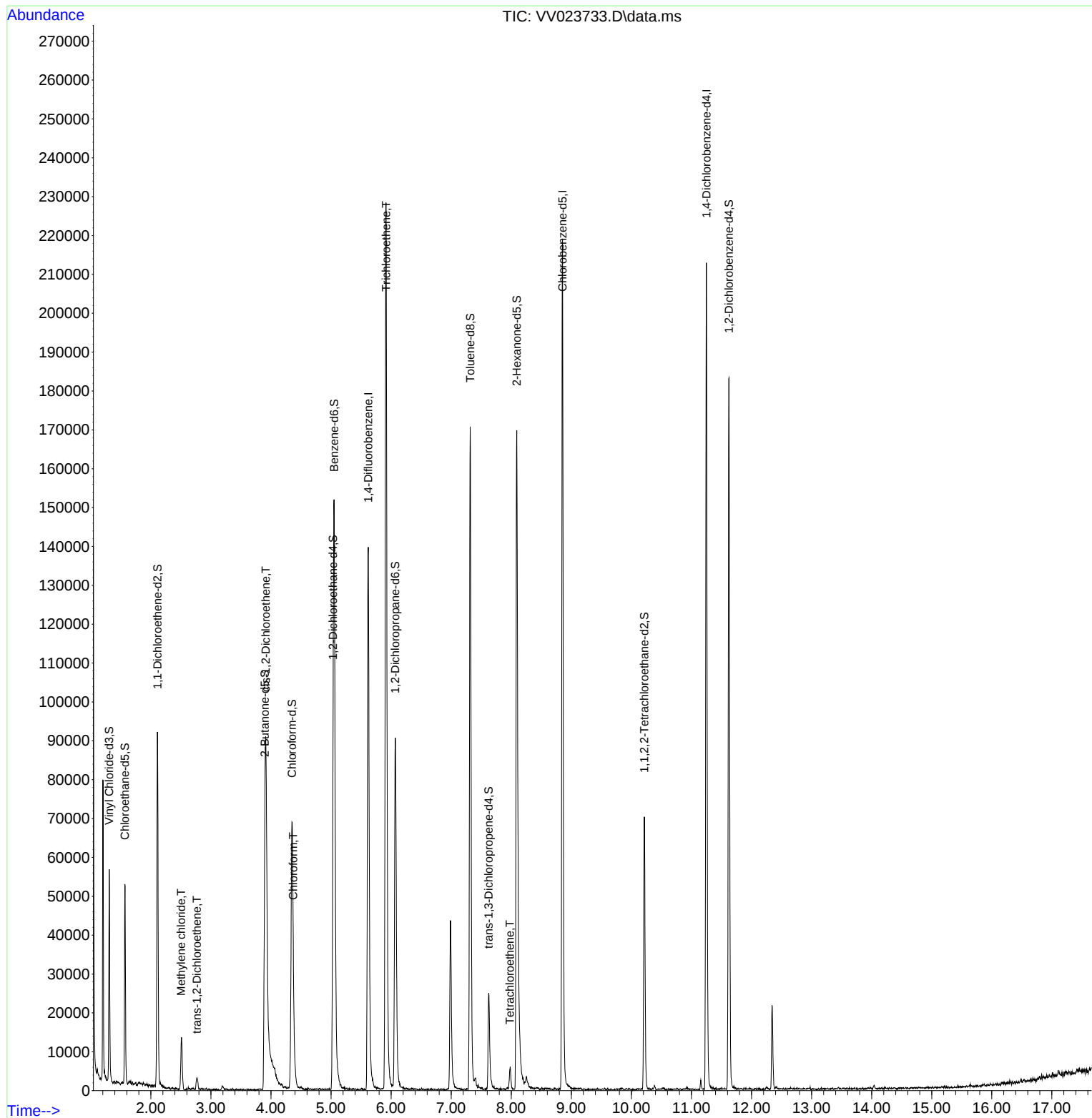
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58495	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32920	3.143	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.800%	
7) Chloroethane-d5	1.568	69	30565	3.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.200%	
11) 1,1-Dichloroethene-d2	2.111	63	46278	2.507	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.200%#	
20) 2-Butanone-d5	3.899	46	65984	52.404	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.800%	
24) Chloroform-d	4.349	84	71972	3.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
26) 1,2-Dichloroethane-d4	5.034	65	37876	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.053	84	138095	4.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.069	67	43730	4.594	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.317	98	114324	3.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16209	4.225	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.092	63	64874	50.893	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32023	4.675	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50414	4.875	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.507	84	5623	0.461	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	1391	0.143	ug/L	83
22) cis-1,2-Dichloroethene	3.912	96	38245	4.096	ug/L	98
25) Chloroform	4.371	83	6574	0.360	ug/L	97
34) Trichloroethene	5.915	95	79350	8.337	ug/L	98
47) Tetrachloroethene	7.979	164	1507	0.174	ug/L #	88

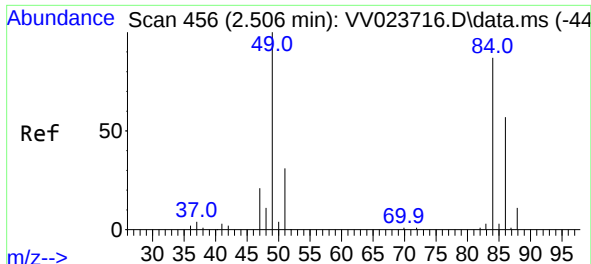
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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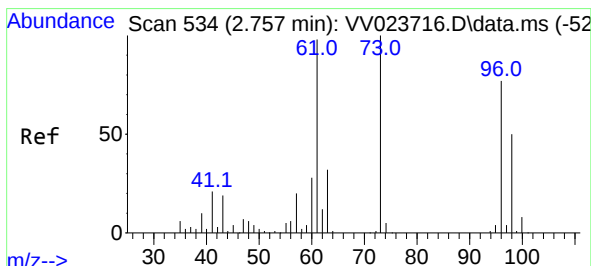
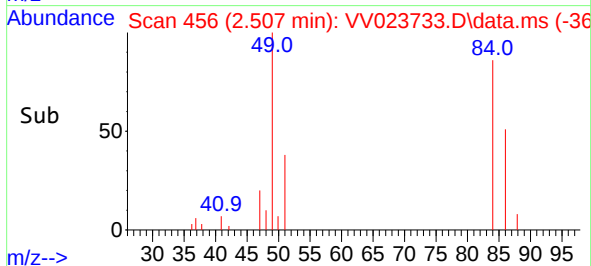
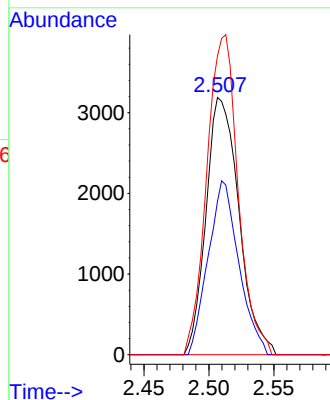
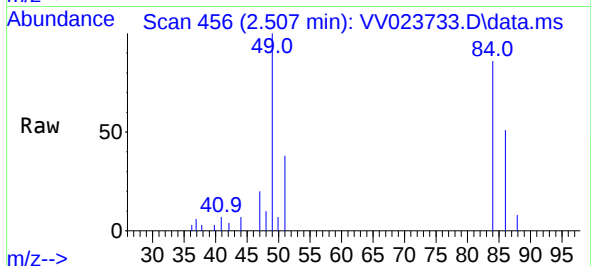




#16
Methylene chloride
Concen: 0.461 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023733.D
Acq: 26 Nov 2021 18:09

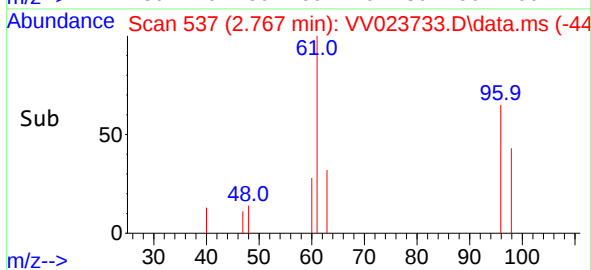
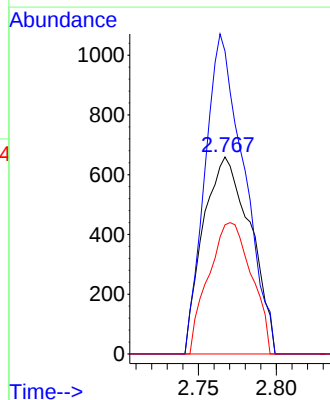
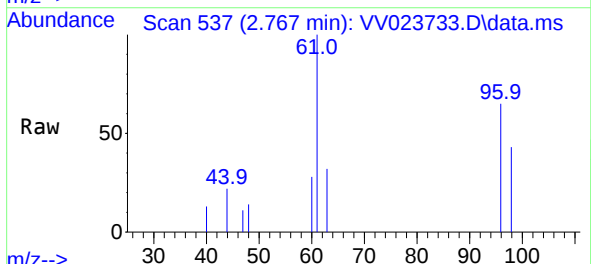
Instrument :
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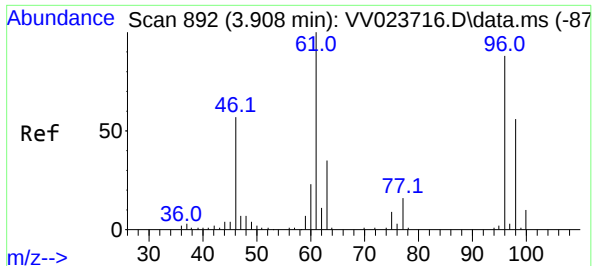
Tgt Ion: 84 Resp: 5623
Ion Ratio Lower Upper
84 100
86 59.6 42.6 79.0
49 116.1 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV023733.D
Acq: 26 Nov 2021 18:09

Tgt Ion: 96 Resp: 1391
Ion Ratio Lower Upper
96 100
61 153.7 88.2 163.8
98 65.6 44.9 83.5

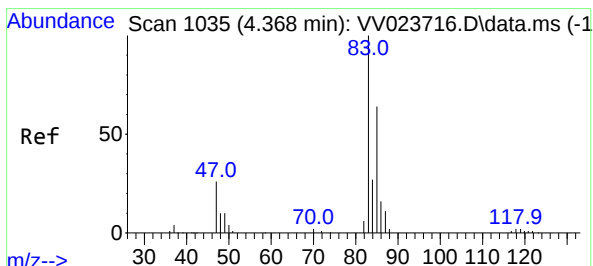
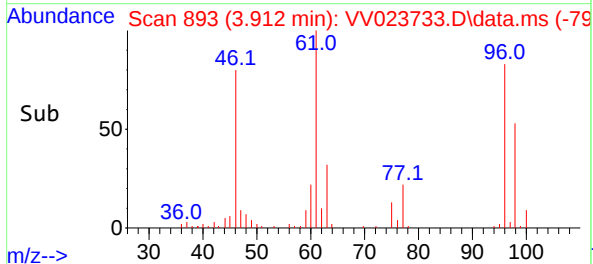
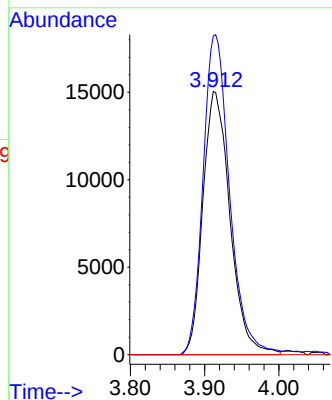
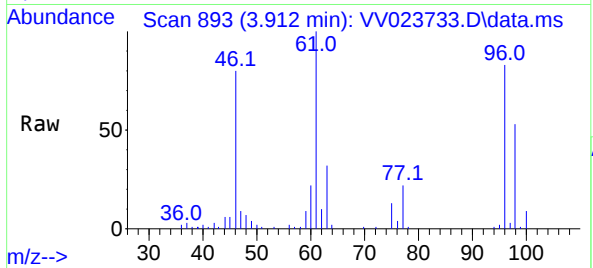




#22
 cis-1,2-Dichloroethene
 Concen: 4.096 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV023733.D
 Acq: 26 Nov 2021 18:09

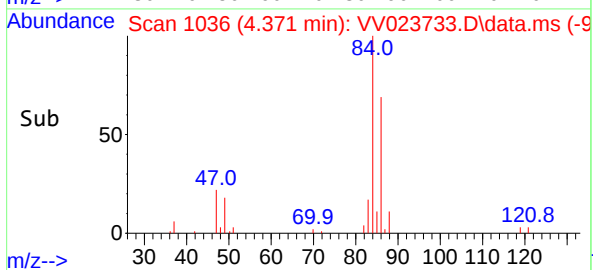
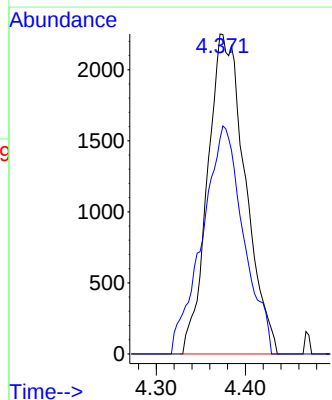
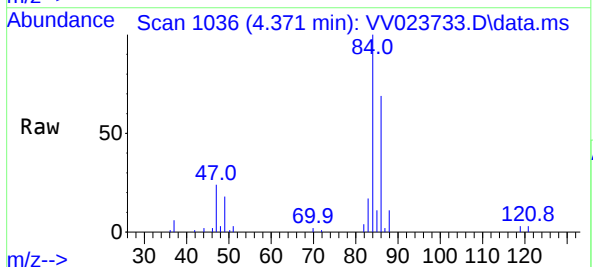
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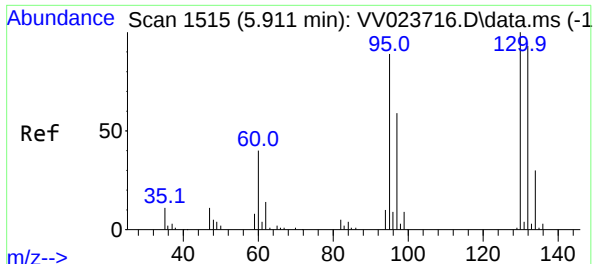
Tgt Ion: 96 Resp: 38245
 Ion Ratio Lower Upper
 96 100
 61 121.1 83.4 154.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.360 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VV023733.D
 Acq: 26 Nov 2021 18:09

Tgt Ion: 83 Resp: 6574
 Ion Ratio Lower Upper
 83 100
 85 67.3 45.2 84.0





#34

Trichloroethene

Concen: 8.337 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Instrument :

MSVOA_V

ClientSampleId :

H4660DL

Tgt Ion: 95 Resp: 79350

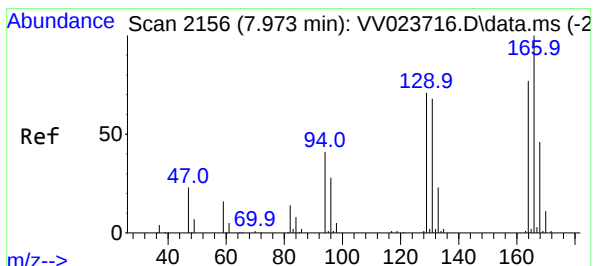
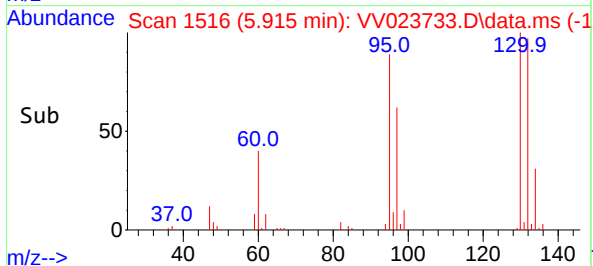
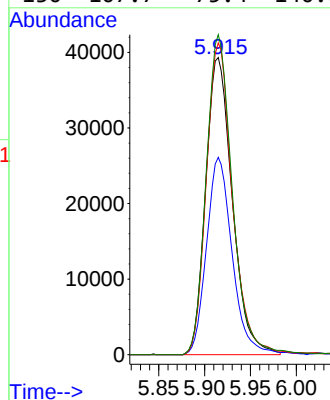
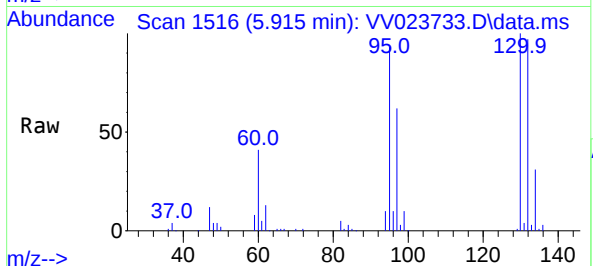
Ion Ratio Lower Upper

95 100

97 66.4 45.2 84.0

132 105.0 76.1 141.3

130 107.7 75.4 140.0



#47

Tetrachloroethene

Concen: 0.174 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Tgt Ion:164 Resp: 1507

Ion Ratio Lower Upper

164 100

129 95.9 62.6 116.2

131 114.4 61.0 113.4#

166 129.2 87.3 162.1

