

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006977.D
 Acq On : 06 Dec 2021 23:10
 Operator : SY/MD
 Sample : M4887-23
 Misc : 3.97g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/14/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 04:14:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	60746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	32743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	8020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	42852	54.773	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 219.080%#			
7) Chloroethane-d5	2.766	69	30837	50.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 201.000%#			
11) 1,1-Dichloroethene-d2	3.851	63	40716	25.033	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.120%			
21) 2-Butanone-d5	6.893	46	5302m	17.546	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 35.100%			
24) Chloroform-d	7.478	84	61499	40.624	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 162.480%#			
26) 1,2-Dichloroethane-d4	8.137	65	38099	41.927	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 167.720%#			
32) Benzene-d6	8.106	84	87204	50.138	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 200.560%#			
36) 1,2-Dichloropropane-d6	9.118	67	39647	72.550	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 290.200%#			
41) Toluene-d8	10.179	98	49059	30.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 120.480%			
43) trans-1,3-Dichloroprop...	10.435	79	6796	25.711	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.840%			
47) 2-Hexanone-d5	10.789	63	3482	27.530	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 55.060%			
56) 1,1,2,2-Tetrachloroeth...	12.557	84	22150	48.651	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 194.600%#			
66) 1,2-Dichlorobenzene-d4	13.721	152	5860	22.406	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.640%			
Target Compounds						Qvalue
13) Acetone	3.942	43	1408m	5.084	ug/L	
16) Methylene chloride	4.710	84	11765	10.800	ug/L	94
27) 1,2-Dichloroethane	8.234	62	8301	6.897	ug/L	96
34) Trichloroethene	8.935	95	7840	14.459	ug/L	89
42) Toluene	10.240	91	3401	1.448	ug/L	94
46) Tetrachloroethene	10.715	164	956	2.104	ug/L	88

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

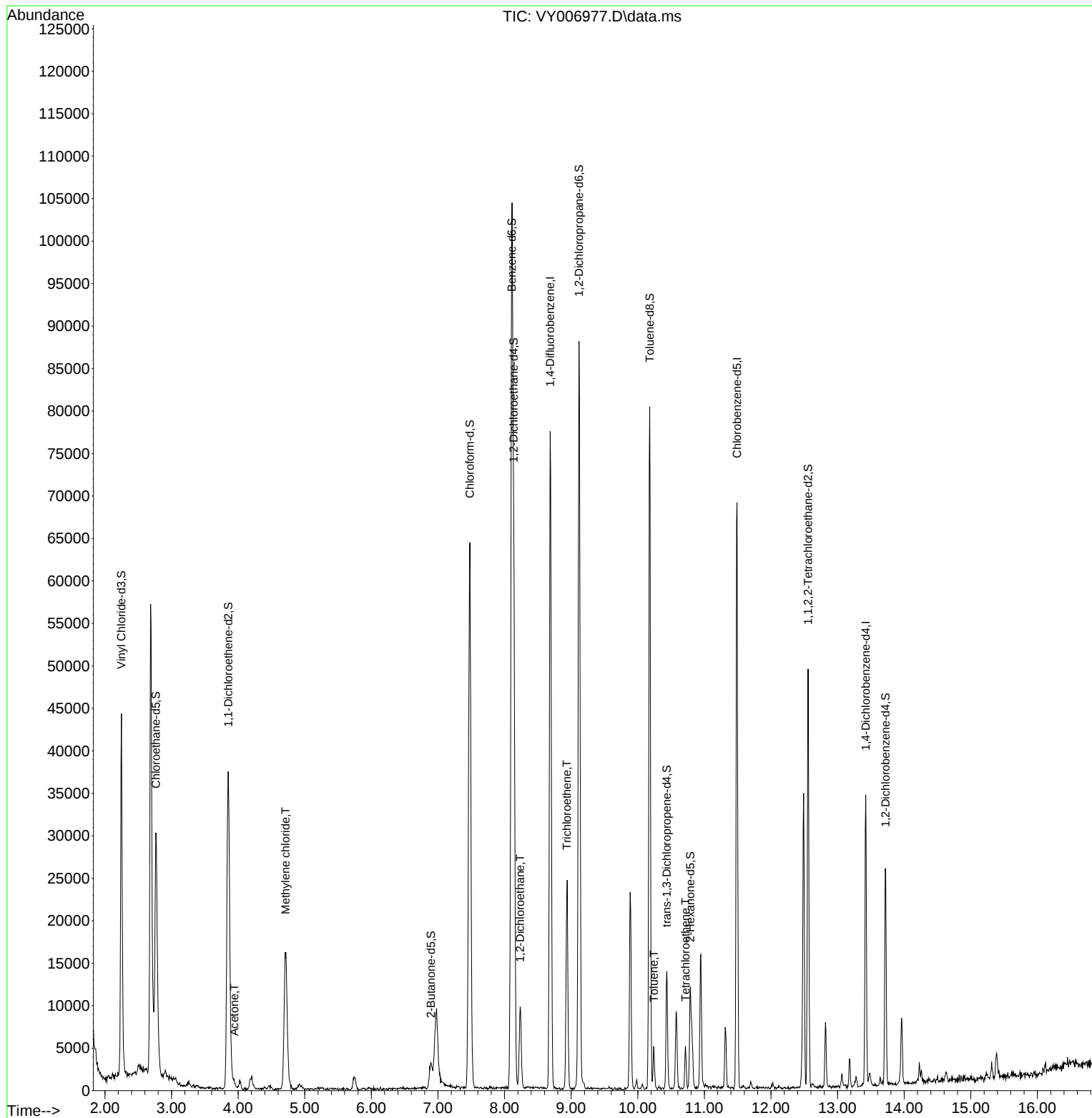
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
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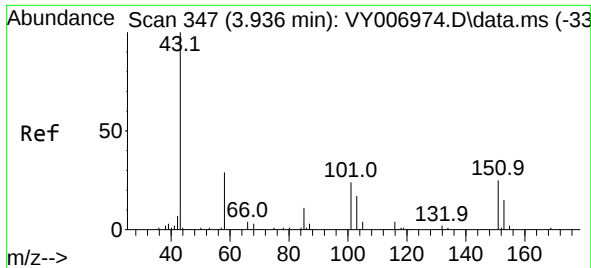
Instrument :
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Quant Title : VOC Analysis
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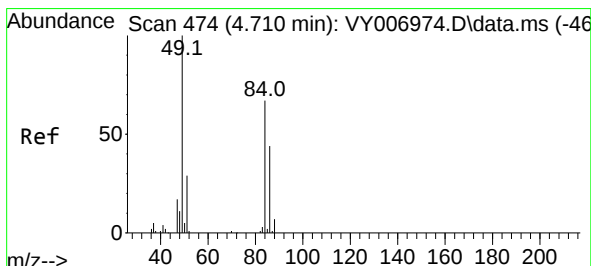
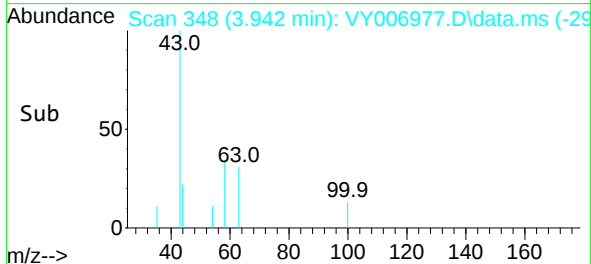
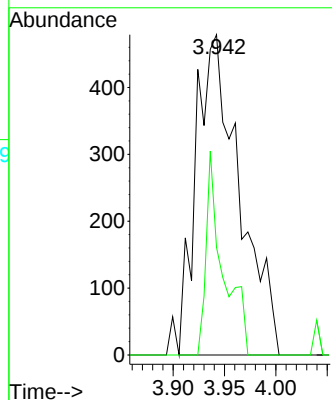
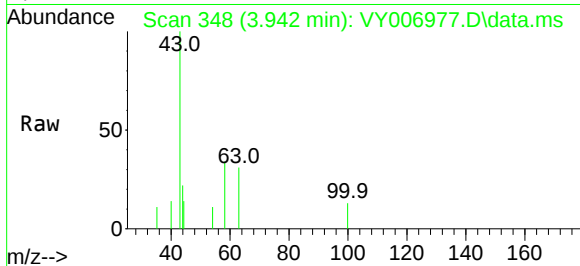
#13
Acetone
Concen: 5.084 ug/L m
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY006977.D
Acq: 06 Dec 2021 23:10

Instrument :
MSVOA_Y
ClientSampleId :
EX8D5

Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 5.3 0.0 60.8

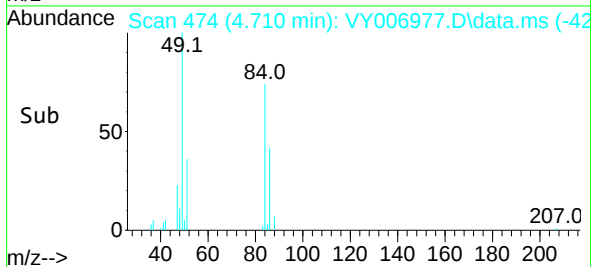
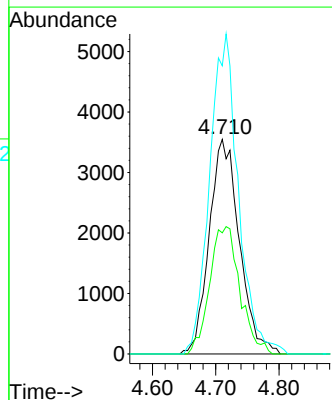
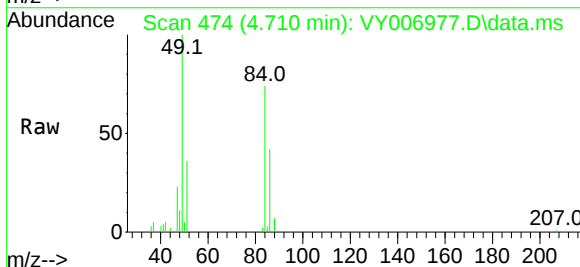
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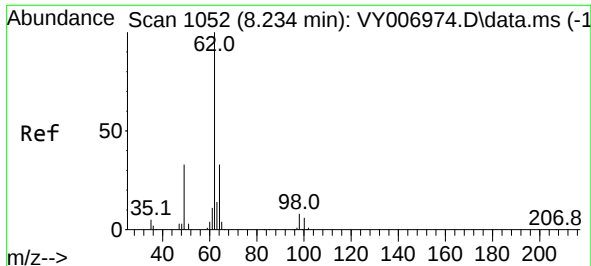
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#16
Methylene chloride
Concen: 10.800 ug/L
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY006977.D
Acq: 06 Dec 2021 23:10

Tgt Ion: 84 Resp: 11765
Ion Ratio Lower Upper
84 100
86 56.4 43.4 80.6
49 134.3 89.1 165.5





#27

1,2-Dichloroethane

Concen: 6.897 ug/L

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VY006977.D

Acq: 06 Dec 2021 23:10

Instrument :

MSVOA_Y

ClientSampleId :

EX8D5

Tgt Ion: 62 Resp: 830

Ion Ratio Lower Upper

62 100

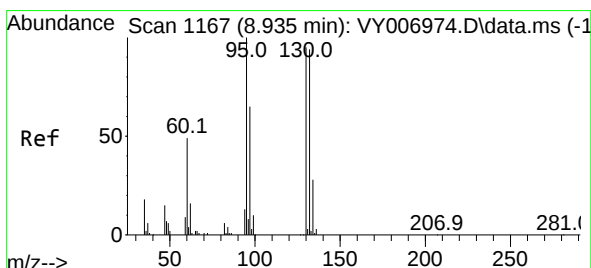
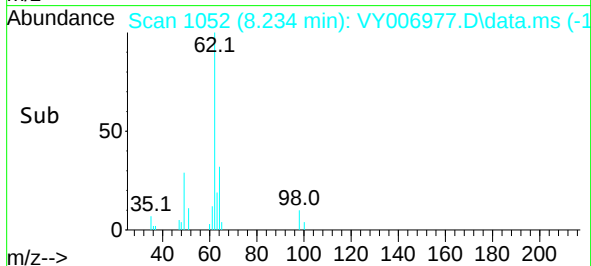
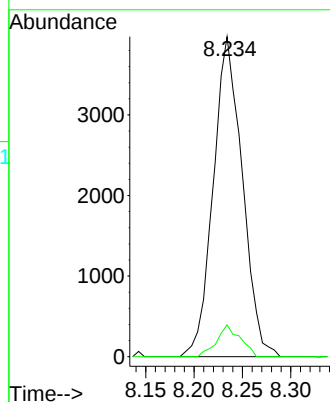
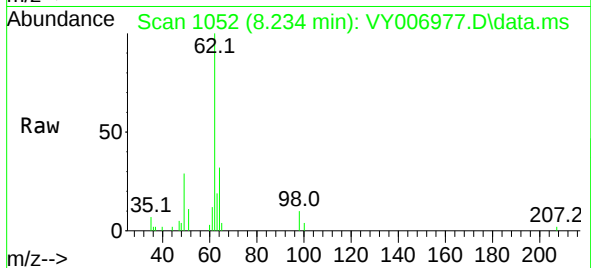
98 10.0 6.9 10.3

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#34

Trichloroethene

Concen: 14.459 ug/L

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY006977.D

Acq: 06 Dec 2021 23:10

Tgt Ion: 95 Resp: 7840

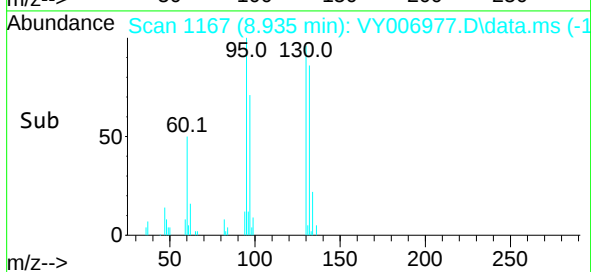
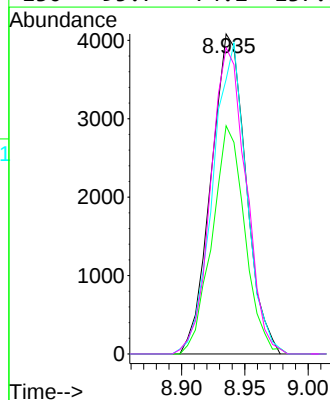
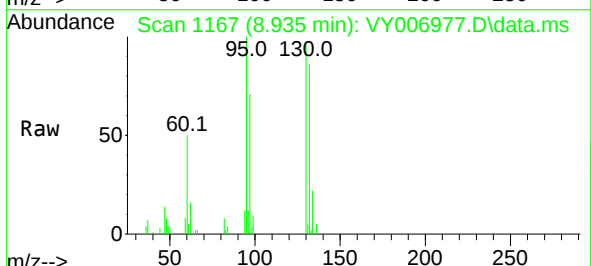
Ion Ratio Lower Upper

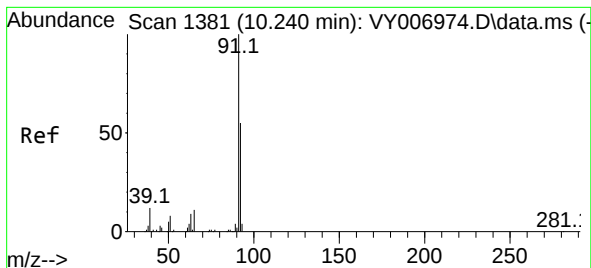
95 100

97 71.3 47.3 87.8

132 85.8 71.3 132.5

130 95.7 74.2 137.8





#42

Toluene

Concen: 1.448 ug/L

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY006977.D

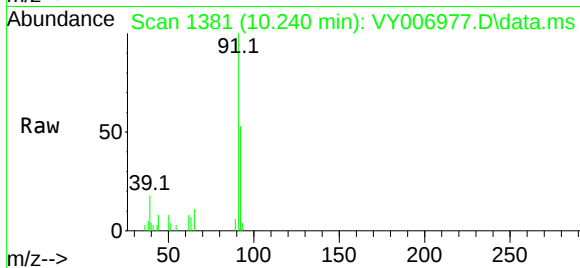
Acq: 06 Dec 2021 23:10

Instrument :

MSVOA_Y

ClientSampleId :

EX8D5



Tgt Ion: 91 Resp: 340

Ion Ratio Lower Upper

91 100

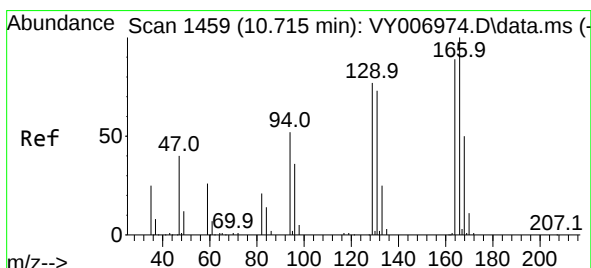
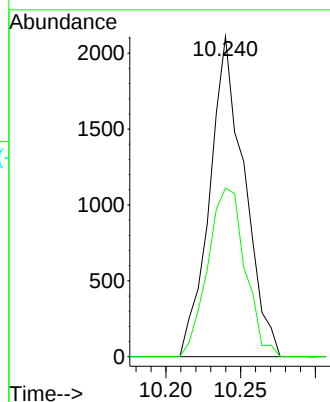
92 52.7 39.8 74.0

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#46

Tetrachloroethene

Concen: 2.104 ug/L

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY006977.D

Acq: 06 Dec 2021 23:10

Tgt Ion:164 Resp: 956

Ion Ratio Lower Upper

164 100

129 78.0 62.1 115.3

131 81.5 61.0 113.2

166 148.8 90.4 168.0

