

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021416.D
 Acq On : 16 Dec 2021 15:42
 Operator : SY/VA
 Sample : M5101-12RE
 Misc : 6.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL36RE

Quant Time: Dec 17 01:01:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

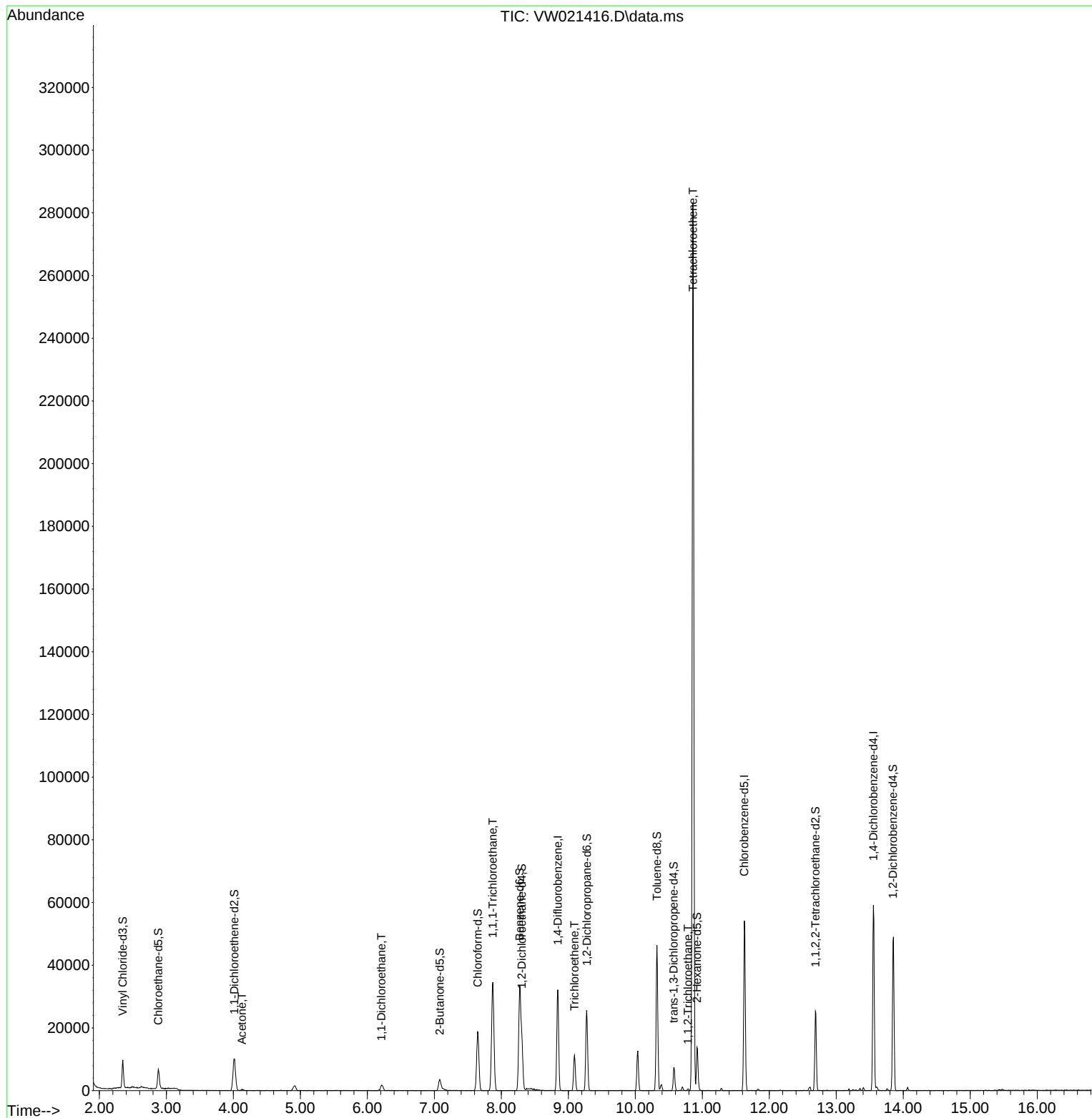
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	27635	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	30626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	8055	16.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
7) Chloroethane-d5	2.879	69	6587	19.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	4.013	63	9477	14.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.480%
21) 2-Butanone-d5	7.080	46	6090	85.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.680%#
24) Chloroform-d	7.647	84	18875	24.509	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.040%
26) 1,2-Dichloroethane-d4	8.305	65	12253	29.911	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.640%
32) Benzene-d6	8.275	84	33681	20.063	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.240%
36) 1,2-Dichloropropane-d6	9.274	67	10378	23.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	10.323	98	30529	17.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	10.573	79	4260	20.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.200%
47) 2-Hexanone-d5	10.920	63	4697	70.553	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.100%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	11771	30.414	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.640%#
66) 1,2-Dichlorobenzene-d4	13.847	152	13299	20.820	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.280%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	743	11.682	ug/L	78
19) 1,1-Dichloroethane	6.208	63	2764	4.749	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	27320	39.758	ug/L	94
34) Trichloroethene	9.092	95	3666	7.828	ug/L	87
45) 1,1,2-Trichloroethane	10.786	97	235	0.772	ug/L #	84
46) Tetrachloroethene	10.860	164	63120	141.875	ug/L	97

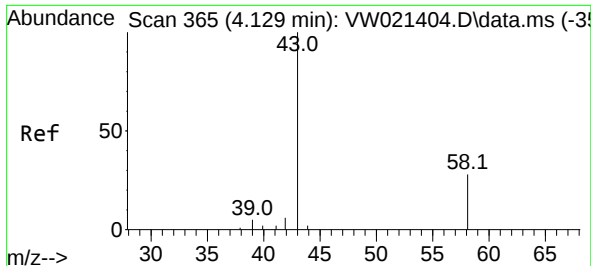
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#13

Acetone

Concen: 11.682 ug/L

RT: 4.129 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW021416.D

Acq: 16 Dec 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

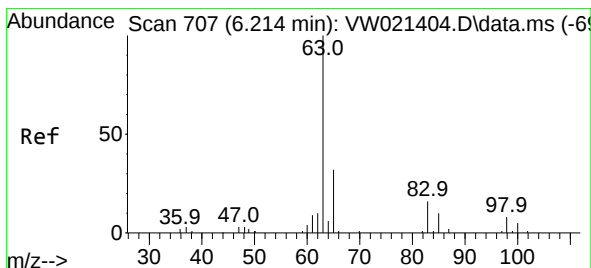
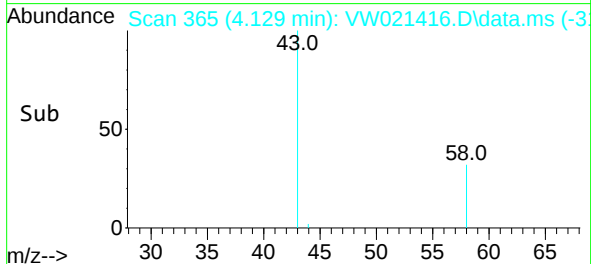
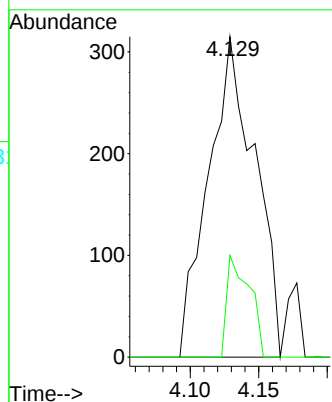
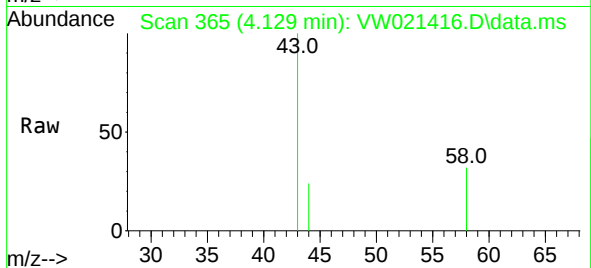
BGL36RE

Tgt Ion: 43 Resp: 743

Ion Ratio Lower Upper

43 100

58 15.3 0.0 52.8



#19

1,1-Dichloroethane

Concen: 4.749 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW021416.D

Acq: 16 Dec 2021 15:42

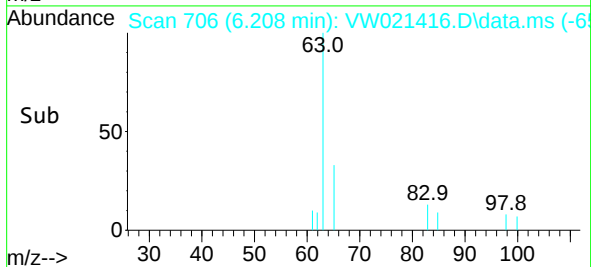
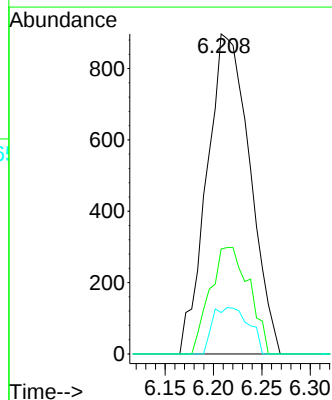
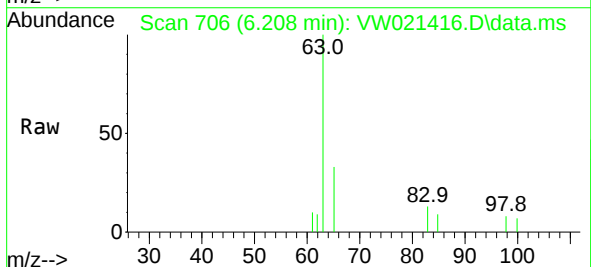
Tgt Ion: 63 Resp: 2764

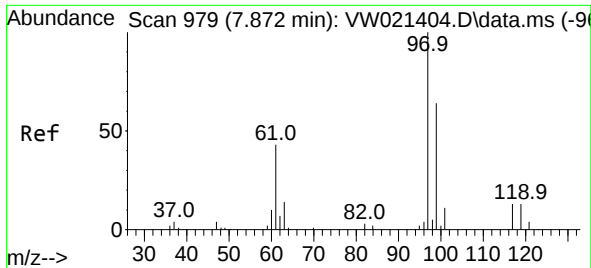
Ion Ratio Lower Upper

63 100

65 32.8 22.1 41.1

83 12.9 9.2 17.2

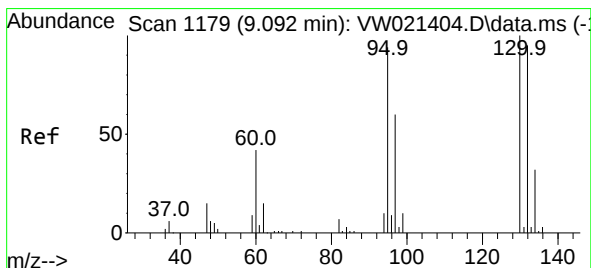
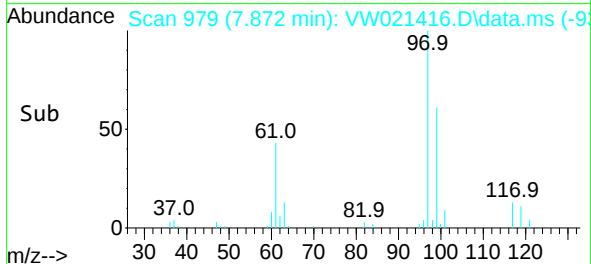
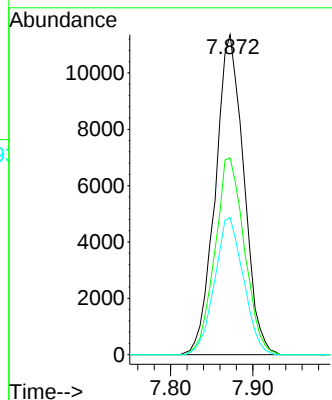
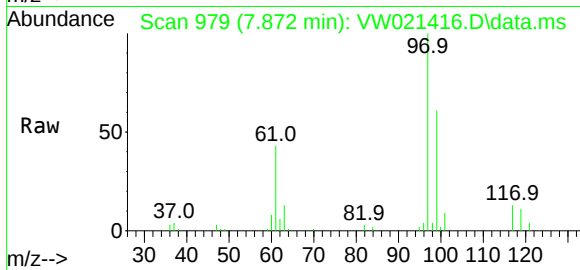




#30
1,1,1-Trichloroethane
Concen: 39.758 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW021416.D
Acq: 16 Dec 2021 15:42

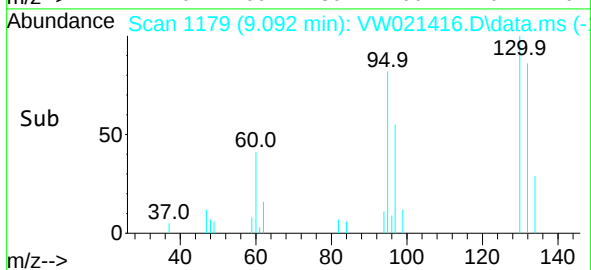
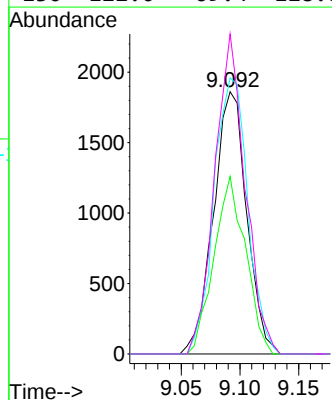
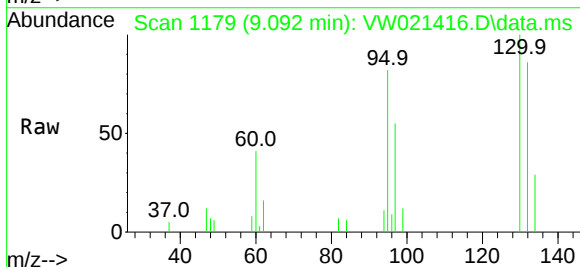
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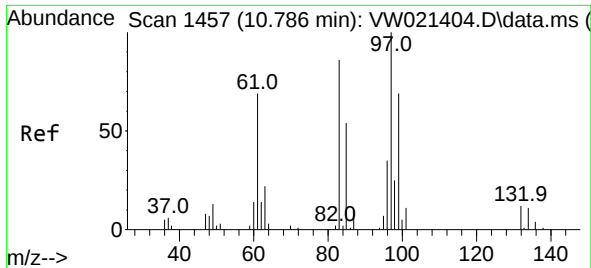
Tgt Ion: 97 Resp: 27320
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 43.4 40.9 61.3



#34
Trichloroethene
Concen: 7.828 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021416.D
Acq: 16 Dec 2021 15:42

Tgt Ion: 95 Resp: 3666
Ion Ratio Lower Upper
95 100
97 67.7 47.0 87.2
132 105.3 65.5 121.6
130 122.0 69.4 128.8



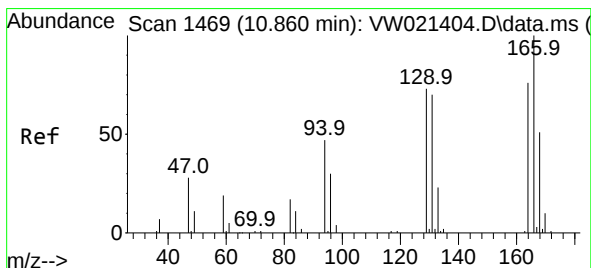
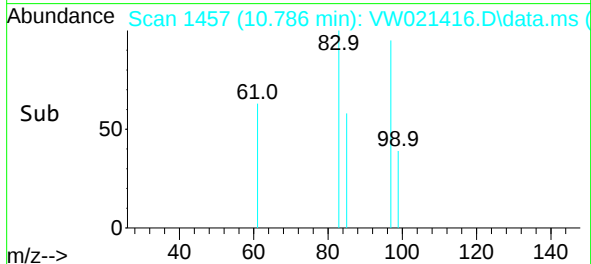
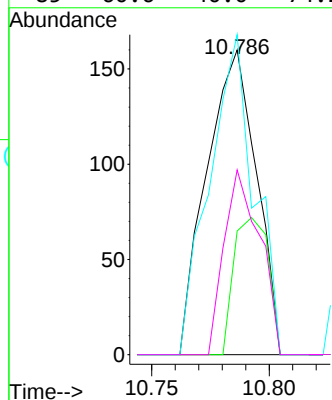
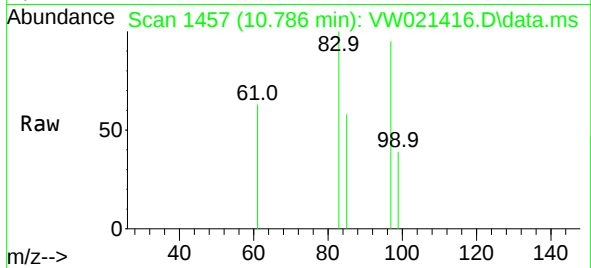


#45
1,1,2-Trichloroethane
Concen: 0.772 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021416.D
Acq: 16 Dec 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
BGL36RE

Tgt Ion: 97 Resp: 235

Ion	Ratio	Lower	Upper
97	100		
99	40.6	43.0	79.8#
83	105.0	62.6	116.3
85	60.6	40.0	74.2



#46
Tetrachloroethene
Concen: 141.875 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021416.D
Acq: 16 Dec 2021 15:42

Tgt Ion: 164 Resp: 63120

Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.5	121.7
131	91.9	59.7	110.9
166	123.3	88.7	164.7

