

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057124.D
 Acq On : 21 Dec 2023 05:38
 Operator : MD/SY
 Sample : 05949-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 06:10:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 01:34:13 2023
 Response via : Initial Calibration

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

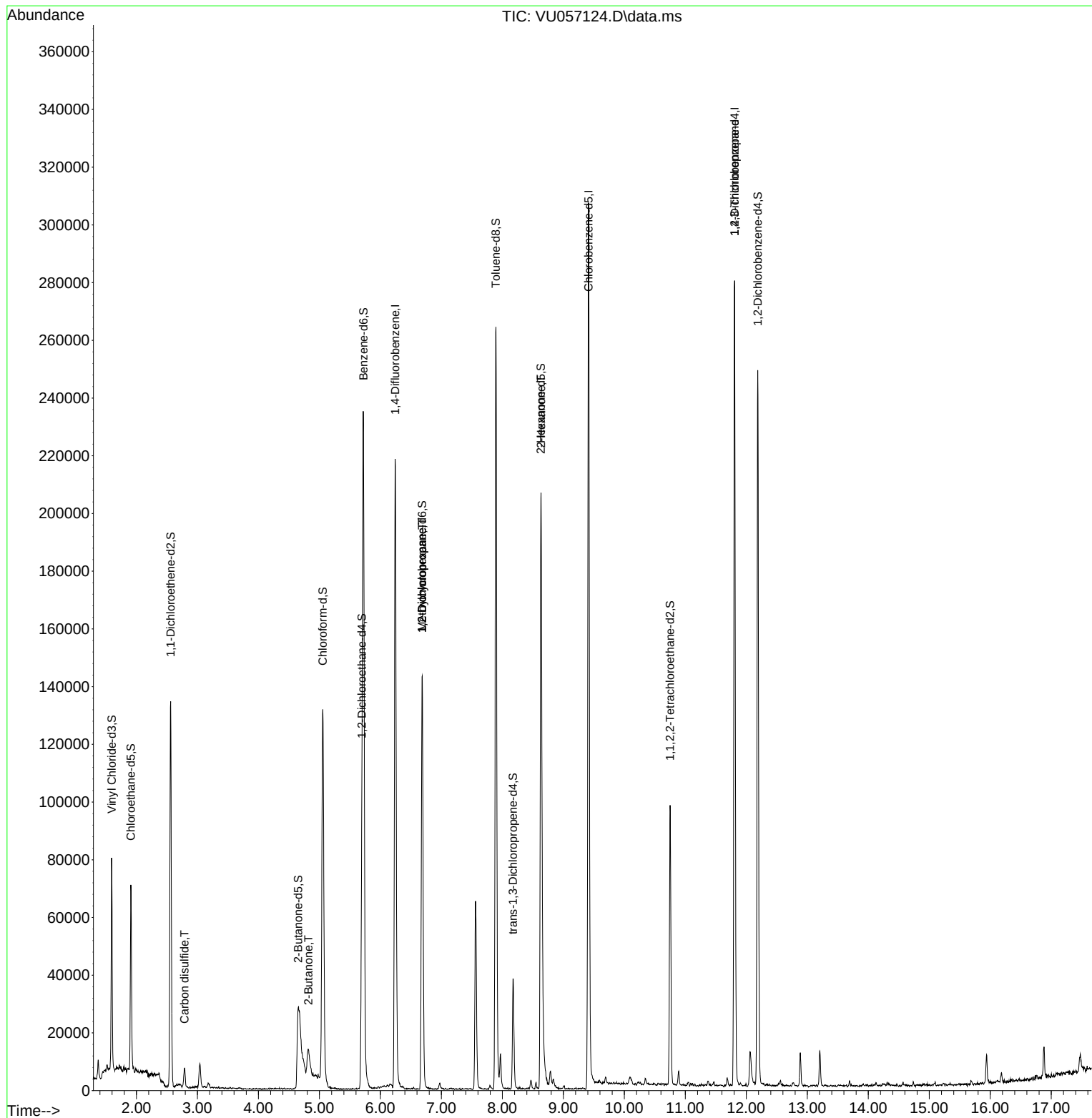
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	174807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	50986	3.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.908	69	49092	4.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	25246	3.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.653	46	87996	29.737	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.480%
24) Chloroform-d	5.055	84	129128	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	60749	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.721	84	220333	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	66843	3.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.891	98	183241	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.174	79	23025	3.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.631	63	75088	30.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47787	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	63896	4.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.789	76	9480	0.193	ug/L	97
21) 2-Butanone	4.821	43	17577	5.780	ug/L #	48
35) Methylcyclohexane	6.685	83	17194	0.699	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8352	0.537	ug/L #	88
48) 2-Hexanone	8.634	43	11688	2.224	ug/L #	75
61) 1,2,3-Trichloropropane	11.807	75	8187	1.051	ug/L #	68

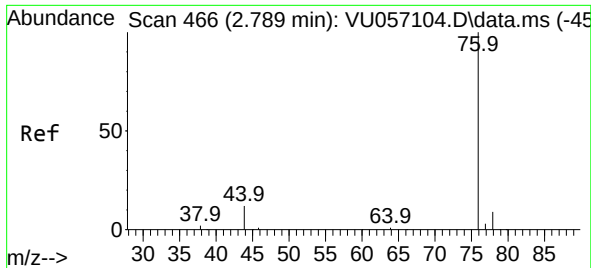
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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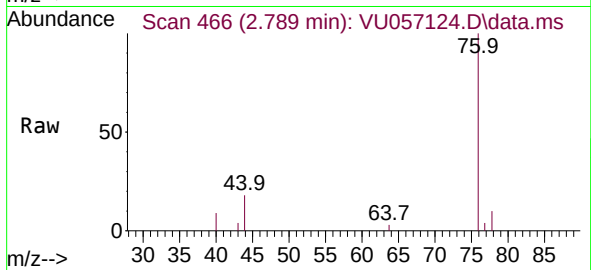
Quant Time: Dec 21 06:10:46 2023
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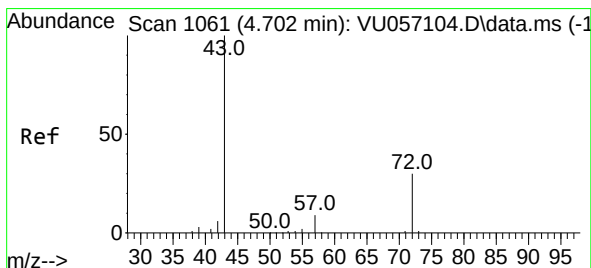
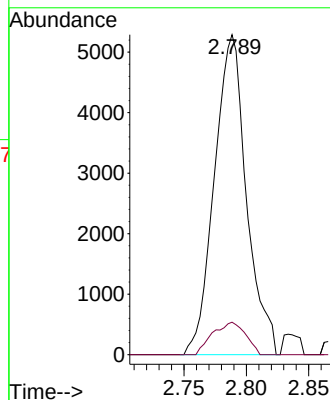
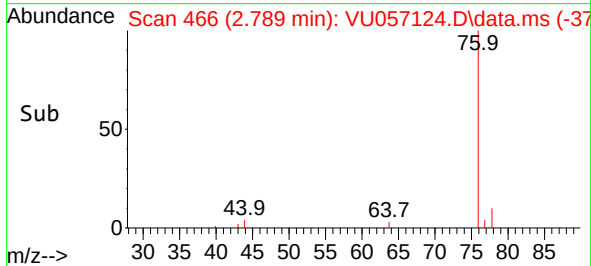


#14
Carbon disulfide
Concen: 0.193 ug/L
RT: 2.789 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU057124.D
Acq: 21 Dec 2023 05:38

Instrument :
MSVOA_U
ClientSampleId :

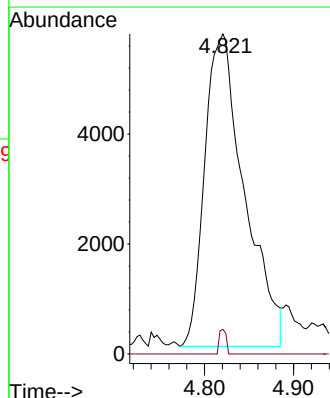
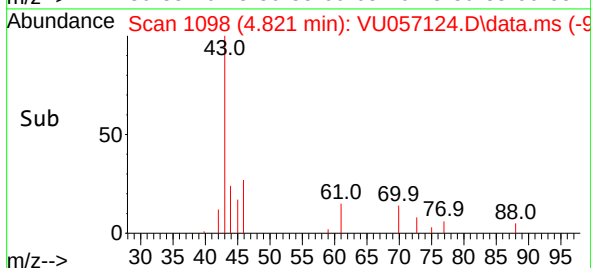
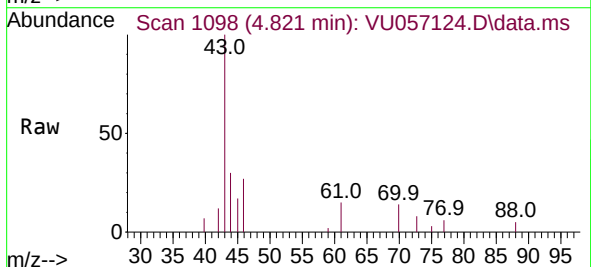


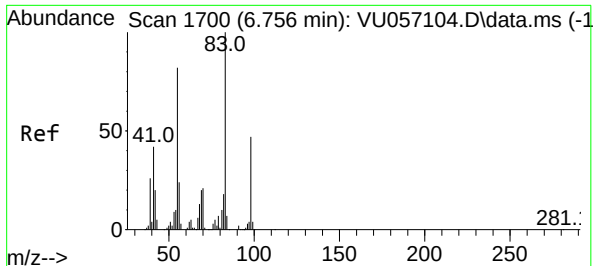
Tgt Ion: 76 Resp: 9480
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#21
2-Butanone
Concen: 5.780 ug/L
RT: 4.821 min Scan# 1098
Delta R.T. 0.119 min
Lab File: VU057124.D
Acq: 21 Dec 2023 05:38

Tgt Ion: 43 Resp: 17577
Ion Ratio Lower Upper
43 100
72 1.4 14.6 43.8#





#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057124.D

Acq: 21 Dec 2023 05:38

Instrument :

MSVOA_U

ClientSampleId :

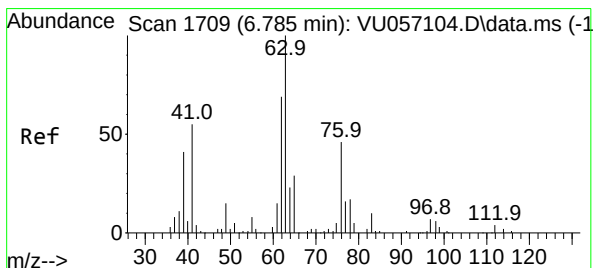
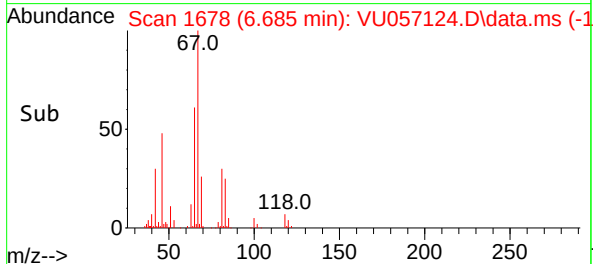
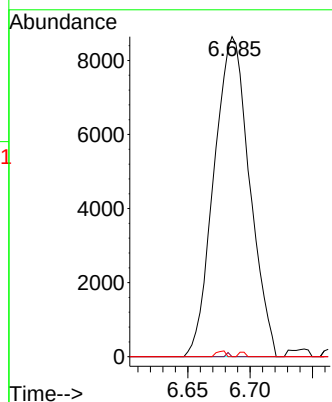
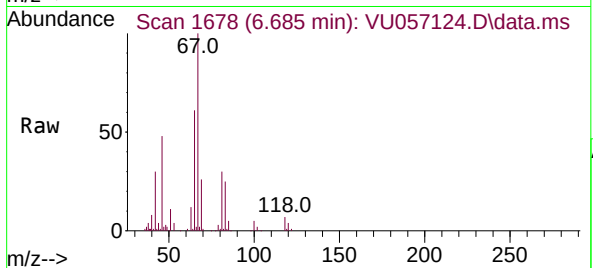
Tgt Ion: 83 Resp: 17194

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.4 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057124.D

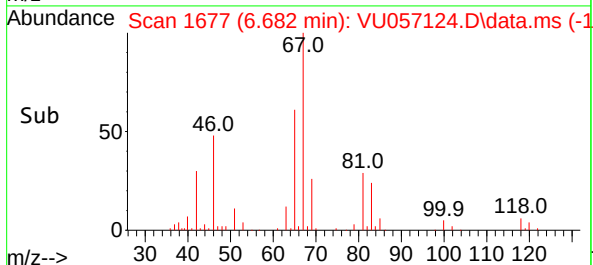
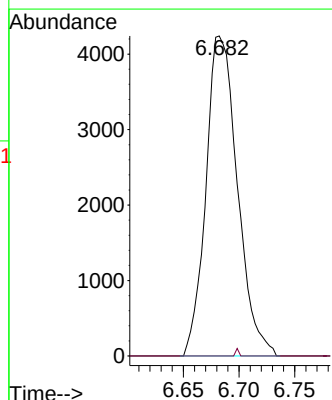
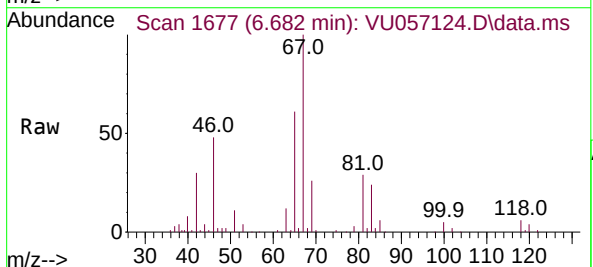
Acq: 21 Dec 2023 05:38

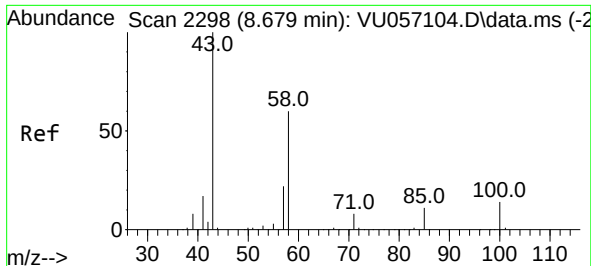
Tgt Ion: 63 Resp: 8352

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#

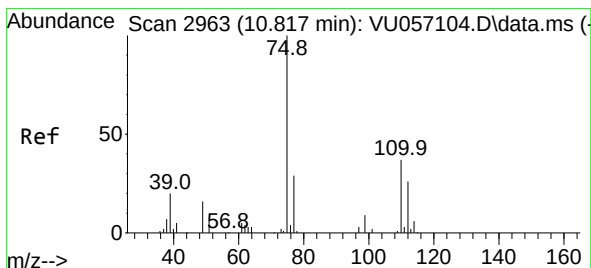
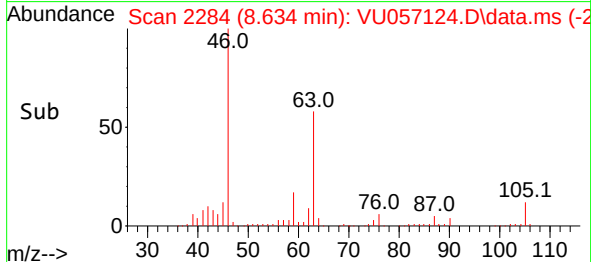
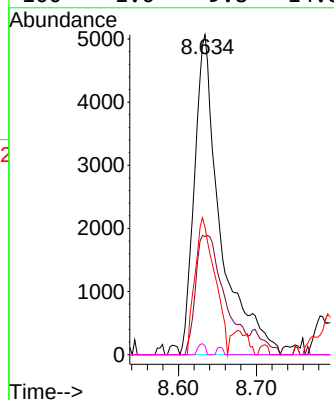
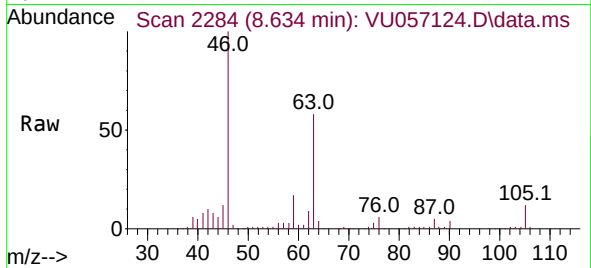




#48
2-Hexanone
Concen: 2.224 ug/L
RT: 8.634 min Scan# 21
Delta R.T. -0.045 min
Lab File: VU057124.D
Acq: 21 Dec 2023 05:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 11688
Ion Ratio	Lower Upper
43 100	
58 41.2	47.5 71.3#
57 32.7	17.0 25.4#
100 1.0	9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.051 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057124.D
Acq: 21 Dec 2023 05:38

Tgt Ion: 75	Resp: 8187
Ion Ratio	Lower Upper
75 100	
110 2.7	28.4 42.6#
77 36.5	26.3 39.5

