

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039083.D
 Acq On : 15 Sep 2025 16:46
 Operator : SY/MD
 Sample : Q3084-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 02:25:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

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

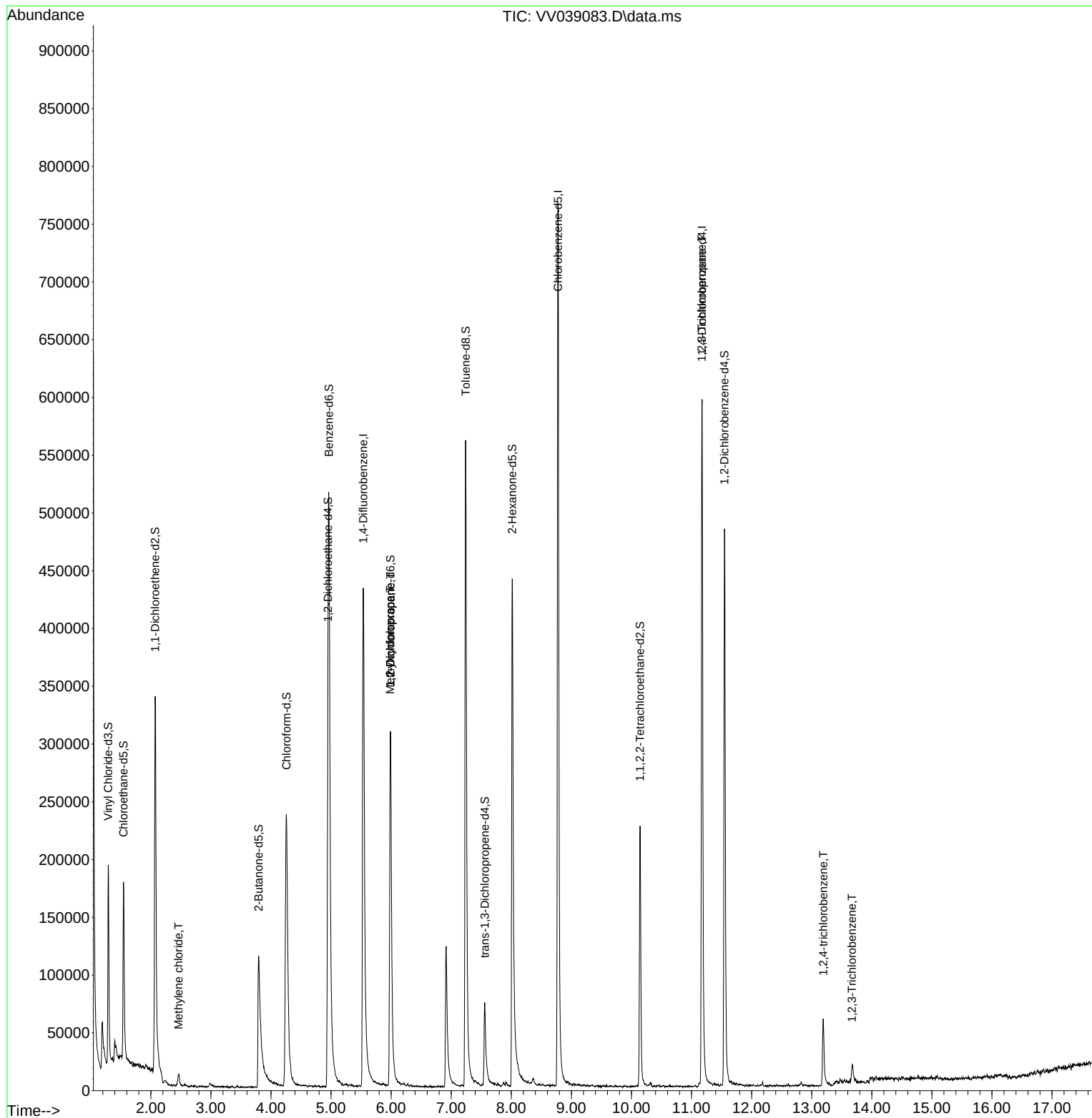
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	434943	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	452989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	163032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	145162	4.232	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.600%	
7) Chloroethane-d5	1.545	69	128633	4.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.072	65	67092	4.105	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	3.793	46	210535	41.322	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.640%	
24) Chloroform-d	4.256	84	298693	4.483	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	4.947	65	128186	4.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	4.963	84	532372	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	5.989	67	169024	4.562	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.239	98	415742	3.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.000%	
43) trans-1,3-Dichloroprop...	7.558	79	53242	3.929	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.014	63	173961	39.652	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.300%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	113671	4.297	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.548	152	130146	4.959	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.462	84	6277	0.156	ug/L	85
35) Methylcyclohexane	5.986	83	43650	0.726	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	17960	0.486	ug/L #	90
61) 1,2,3-Trichloropropane	11.172	75	21863	1.592	ug/L #	65
70) 1,2,4-trichlorobenzene	13.194	180	19906	0.758	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	4241	0.181	ug/L #	93

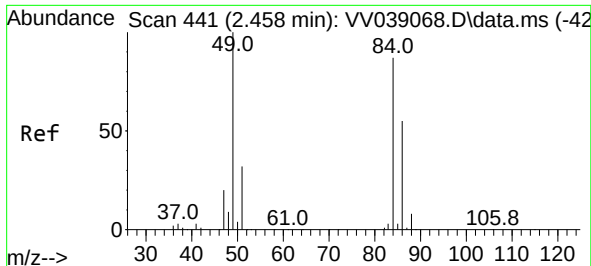
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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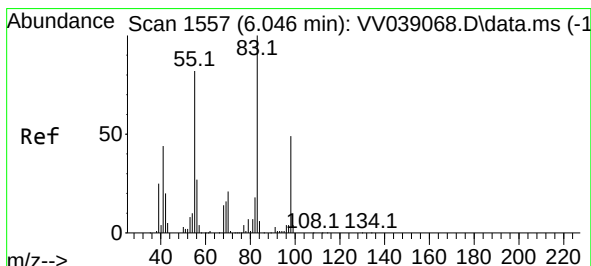
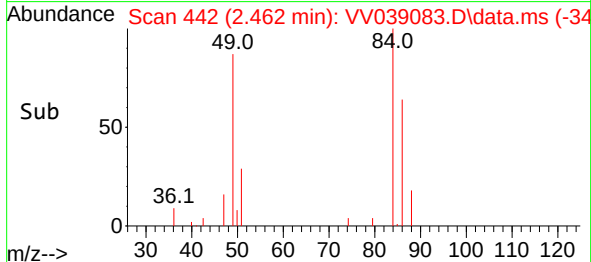
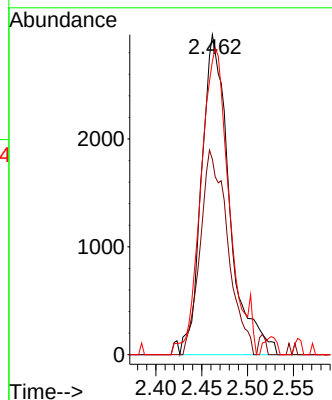
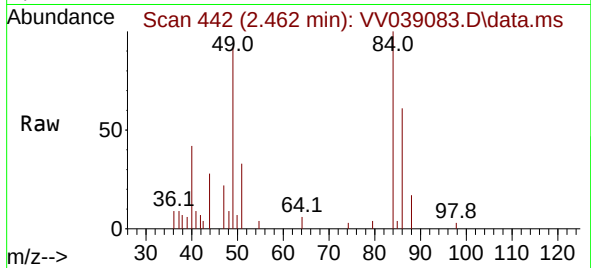




#16
Methylene chloride
Concen: 0.156 ug/L
RT: 2.462 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039083.D
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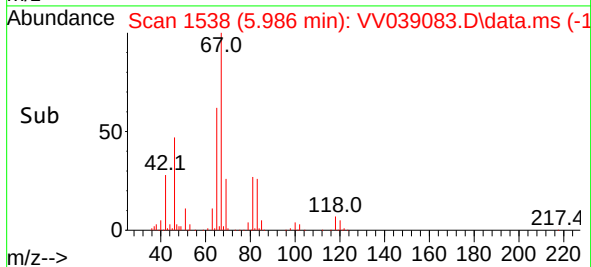
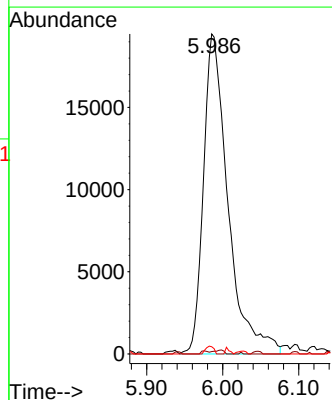
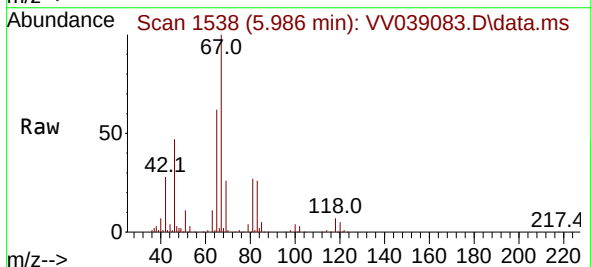
Instrument :
MSVOA_V
ClientSampleId :

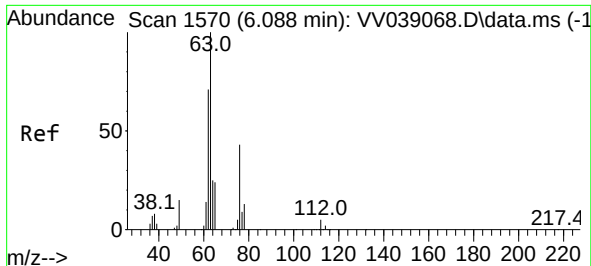
Tgt Ion: 84 Resp: 6277
Ion Ratio Lower Upper
84 100
86 61.1 44.2 82.2
49 91.6 80.6 149.6



#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV039083.D
Acq: 15 Sep 2025 16:46

Tgt Ion: 83 Resp: 43650
Ion Ratio Lower Upper
83 100
55 0.3 61.4 92.2#
98 0.8 38.2 57.4#

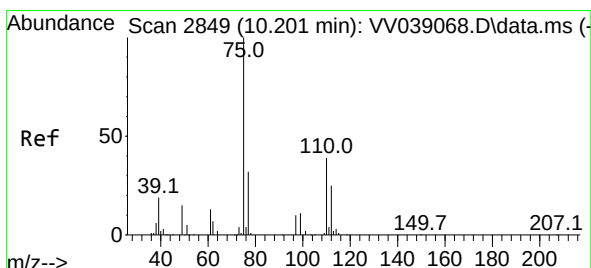
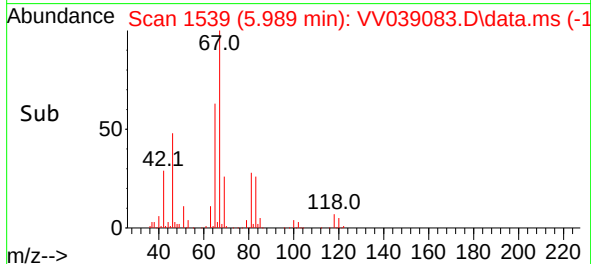
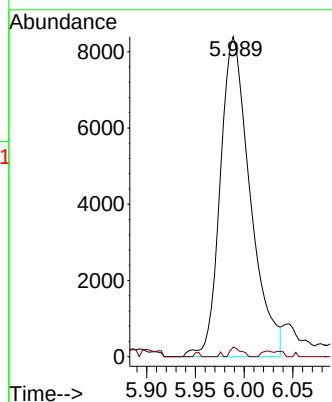
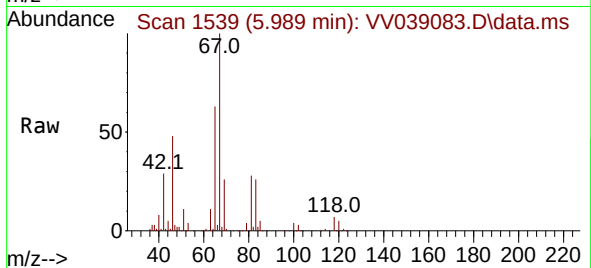




#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.099 min
Lab File: VV039083.D
Acq: 15 Sep 2025 16:46

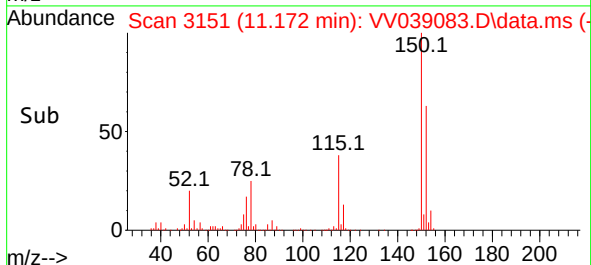
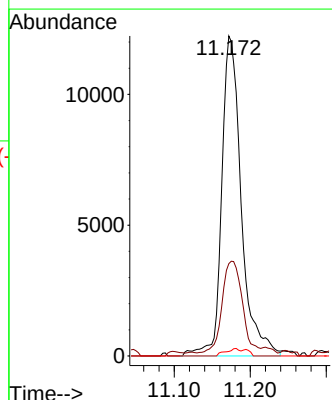
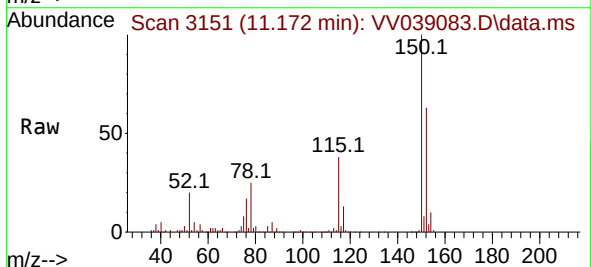
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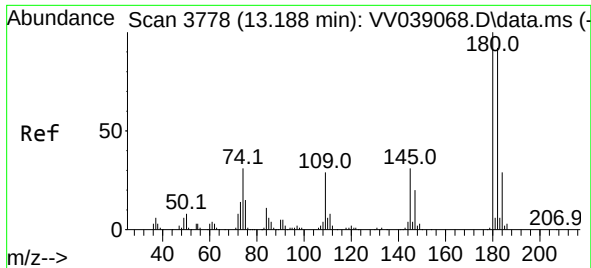
Tgt Ion: 63 Resp: 17960
Ion Ratio Lower Upper
63 100
112 1.1 3.6 5.4#



#61
1,2,3-Trichloropropane
Concen: 1.592 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.971 min
Lab File: VV039083.D
Acq: 15 Sep 2025 16:46

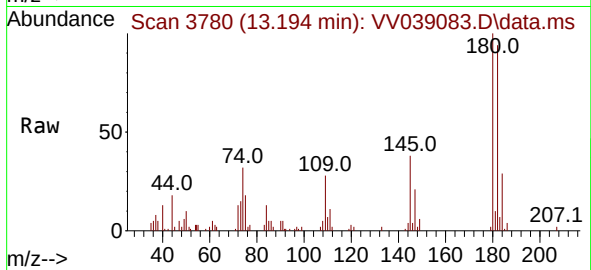
Tgt Ion: 75 Resp: 21863
Ion Ratio Lower Upper
75 100
77 29.5 25.1 37.7
110 1.7 31.0 46.4#



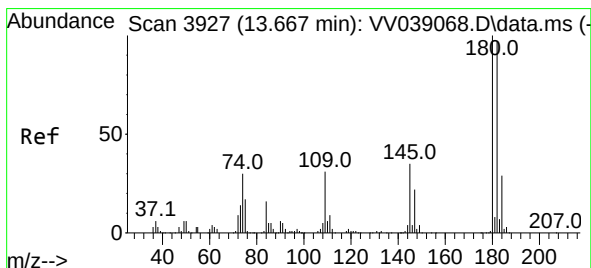
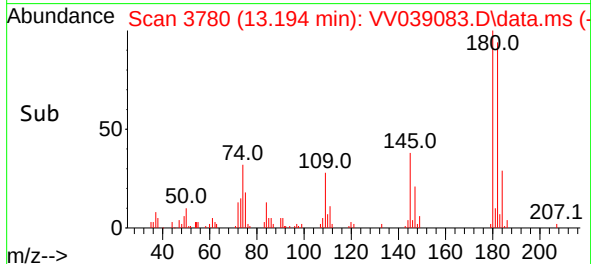
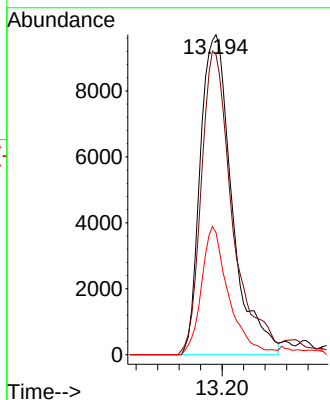


#70
 1,2,4-trichlorobenzene
 Concen: 0.758 ug/L
 RT: 13.194 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VV039083.D
 Acq: 15 Sep 2025 16:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 19906
 Ion Ratio Lower Upper
 180 100
 182 92.9 73.2 109.8
 145 34.2 25.0 37.4



#72
 1,2,3-Trichlorobenzene
 Concen: 0.181 ug/L
 RT: 13.670 min Scan# 3928
 Delta R.T. 0.003 min
 Lab File: VV039083.D
 Acq: 15 Sep 2025 16:46

Tgt Ion:180 Resp: 4241
 Ion Ratio Lower Upper
 180 100
 182 101.1 76.6 115.0
 145 41.2 27.4 41.2#

