

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022443.D
 Acq On : 30 Sep 2021 19:42
 Operator : SY/MD
 Sample : M3979-03DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A44DL

Quant Time: Oct 01 02:44:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

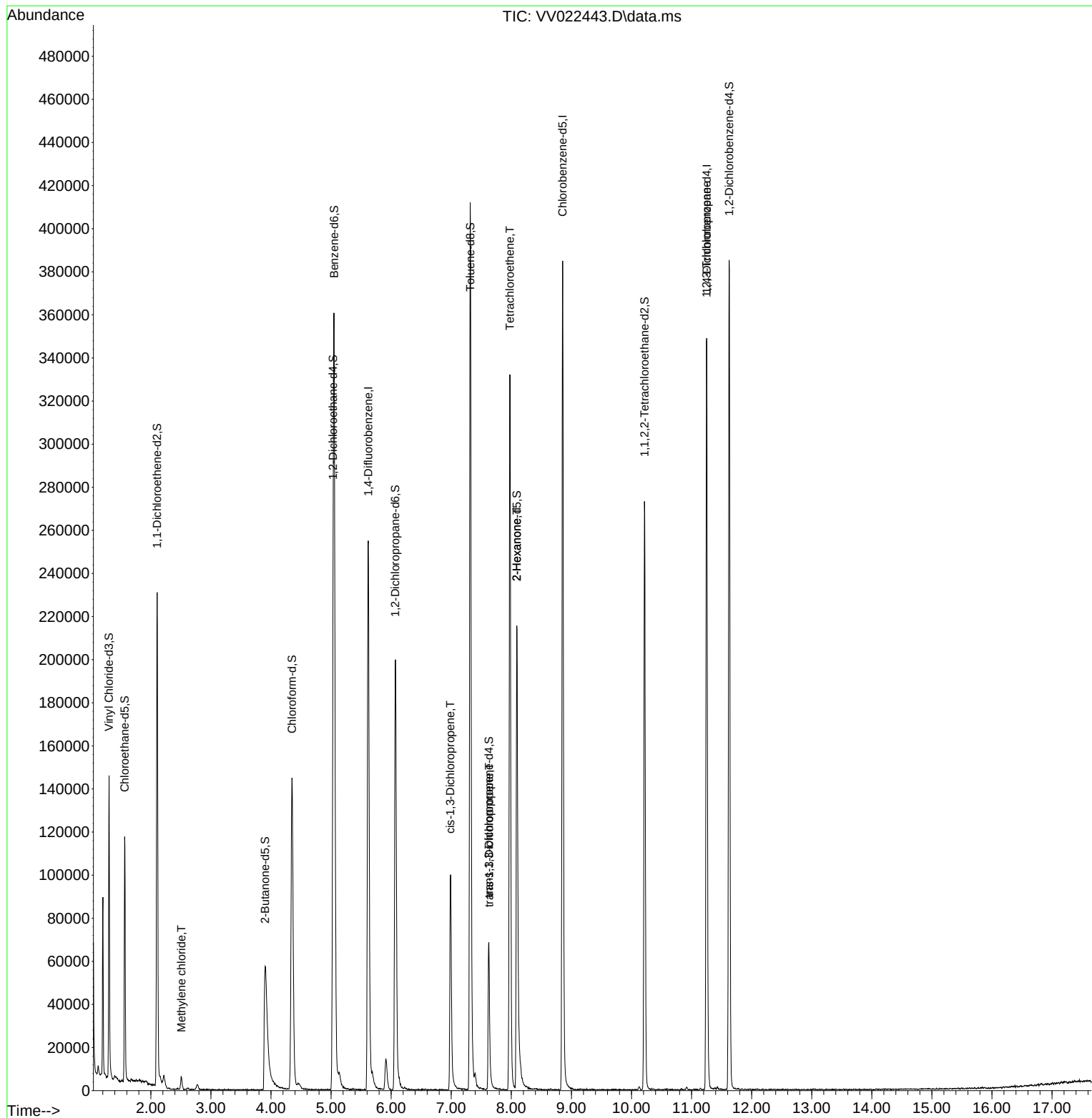
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	224372	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	224648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	96626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86355	45.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.700%
7) Chloroethane-d5	1.564	69	69896	46.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.820%
11) 1,1-Dichloroethene-d2	2.105	63	117829	35.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.180%
21) 2-Butanone-d5	3.902	46	124333	92.522	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.520%
24) Chloroform-d	4.349	84	150848	43.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
26) 1,2-Dichloroethane-d4	5.034	65	92832	44.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.060%
32) Benzene-d6	5.050	84	314163	44.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
36) 1,2-Dichloropropane-d6	6.069	67	99730	44.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.220%
41) Toluene-d8	7.317	98	280175	43.313	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.620%
43) trans-1,3-Dichloroprop...	7.625	79	41005	39.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.440%
47) 2-Hexanone-d5	8.091	63	78446	85.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	131536	40.078	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.160%
66) 1,2-Dichlorobenzene-d4	11.625	152	105058	48.896	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.506	84	2418	1.176	ug/L	94
39) cis-1,3-Dichloropropene	6.985	75	2569	0.992	ug/L #	67
44) trans-1,3-Dichloropropene	7.628	75	1893	0.766	ug/L	88
46) Tetrachloroethene	7.976	164	77090	53.105	ug/L	94
48) 2-Hexanone	8.091	43	8513	4.528	ug/L #	65
61) 1,2,3-Trichloropropane	11.249	75	10775	5.977	ug/L #	64

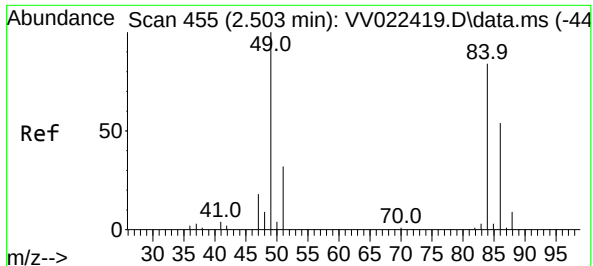
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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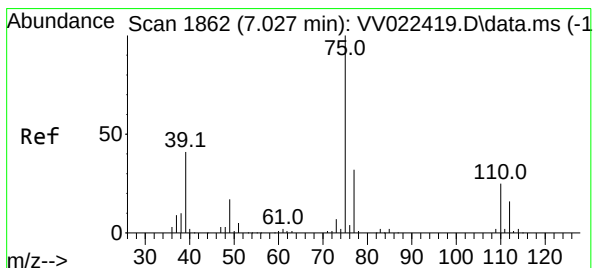
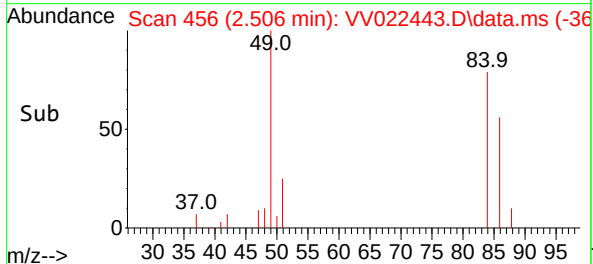
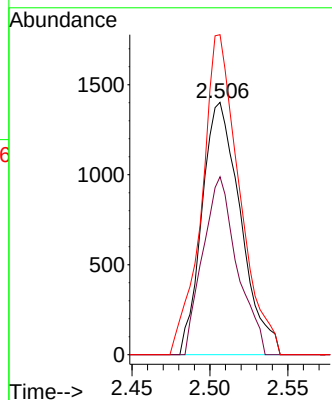
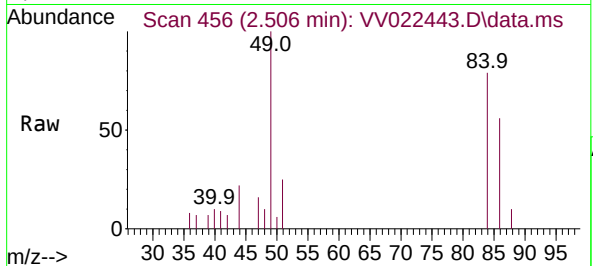




#16
Methylene chloride
Concen: 1.176 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022443.D
Acq: 30 Sep 2021 19:42

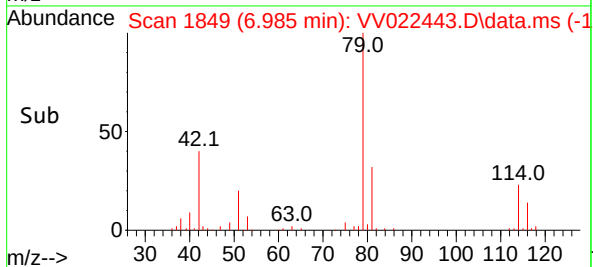
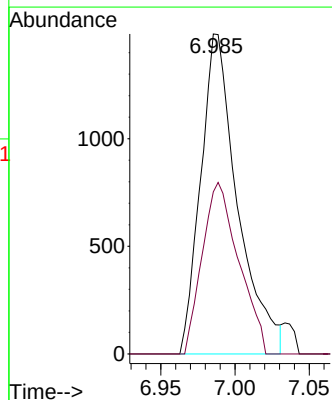
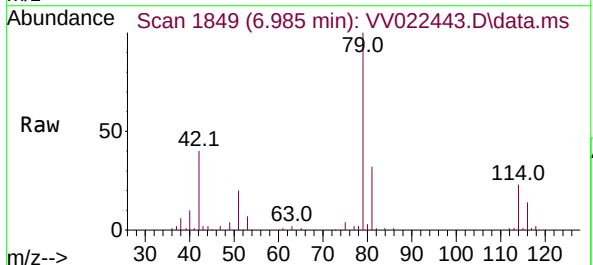
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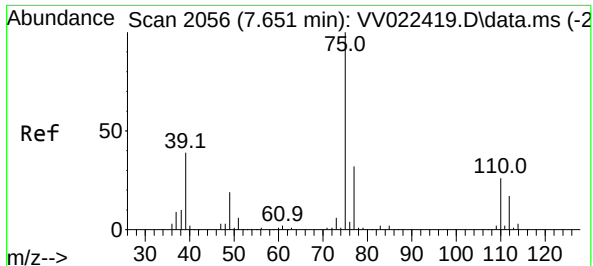
Tgt Ion:	84	Resp:	2418
Ion	Ratio	Lower	Upper
84	100		
86	70.5	44.6	82.8
49	126.8	85.3	158.3



#39
cis-1,3-Dichloropropene
Concen: 0.992 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022443.D
Acq: 30 Sep 2021 19:42

Tgt Ion:	75	Resp:	2569
Ion	Ratio	Lower	Upper
75	100		
77	50.6	22.7	42.1#

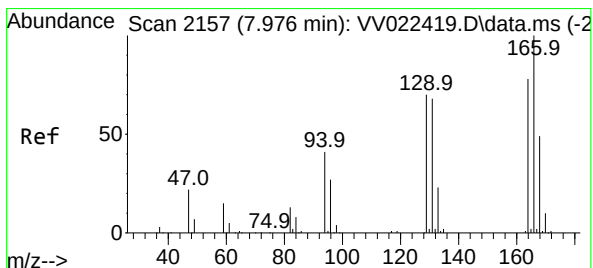
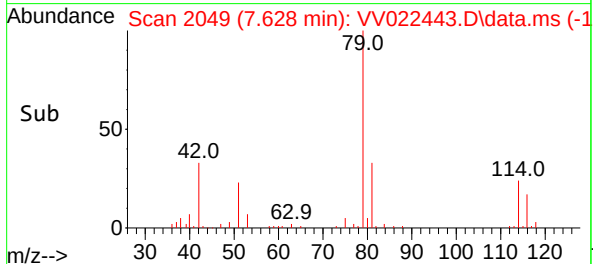
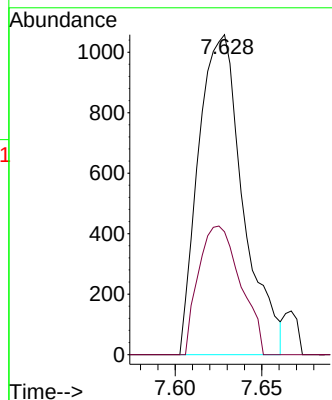
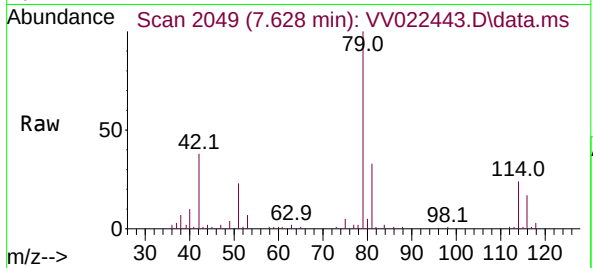




#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV022443.D
Acq: 30 Sep 2021 19:42

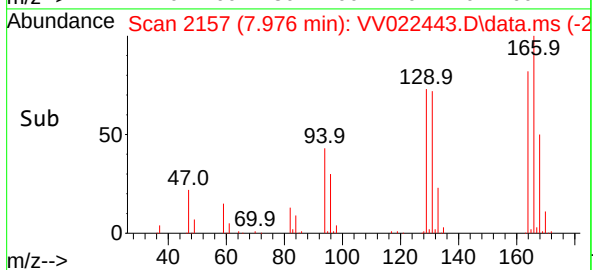
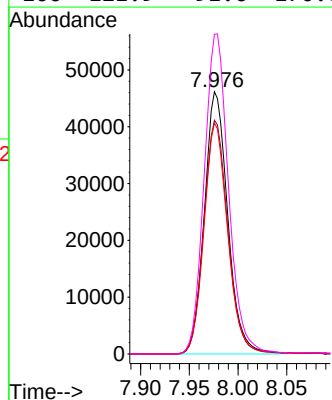
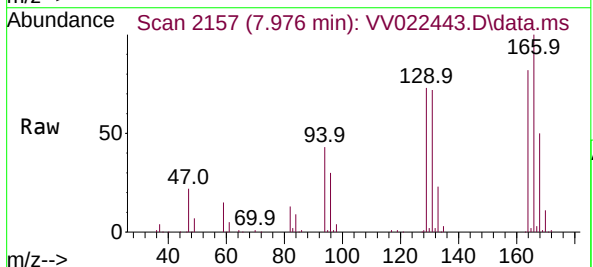
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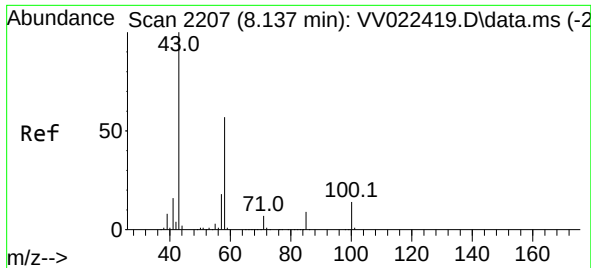
Tgt Ion: 75 Resp: 1893
Ion Ratio Lower Upper
75 100
77 38.4 22.3 41.3



#46
Tetrachloroethene
Concen: 53.105 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022443.D
Acq: 30 Sep 2021 19:42

Tgt Ion: 164 Resp: 77090
Ion Ratio Lower Upper
164 100
129 89.1 66.4 123.4
131 88.1 63.6 118.0
166 121.9 91.6 170.0

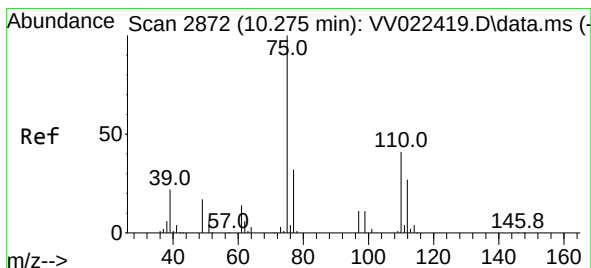
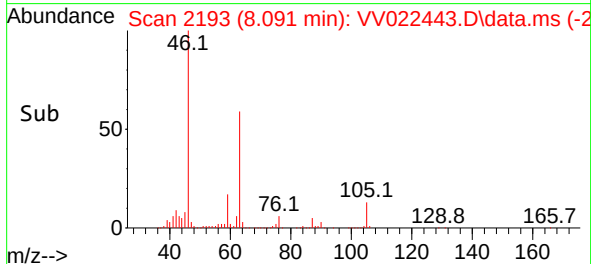
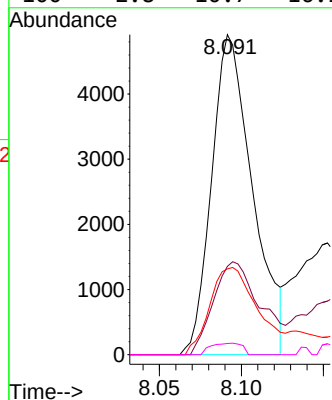
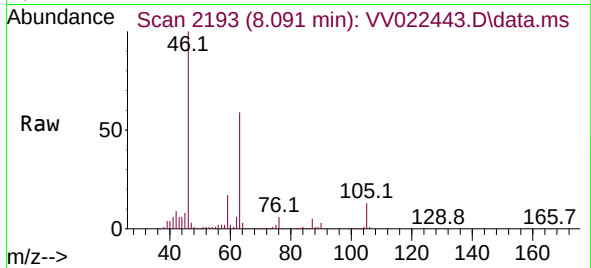




#48
2-Hexanone
Concen: 4.528 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV022443.D
Acq: 30 Sep 2021 19:42

Instrument :
MSVOA_V
ClientSampled :
F4A44DL

Tgt Ion: 43	Resp: 8513
Ion Ratio	Lower Upper
43 100	
58 28.8	45.4 68.2#
57 32.0	15.0 22.4#
100 2.8	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 5.977 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022443.D
Acq: 30 Sep 2021 19:42

Tgt Ion: 75	Resp: 10775
Ion Ratio	Lower Upper
75 100	
77 33.2	25.4 38.0
110 2.6	32.6 48.8#

