

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046579.D
 Acq On : 23 Dec 2021 20:37
 Operator : SY/MD
 Sample : M5175-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 24 04:58:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

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

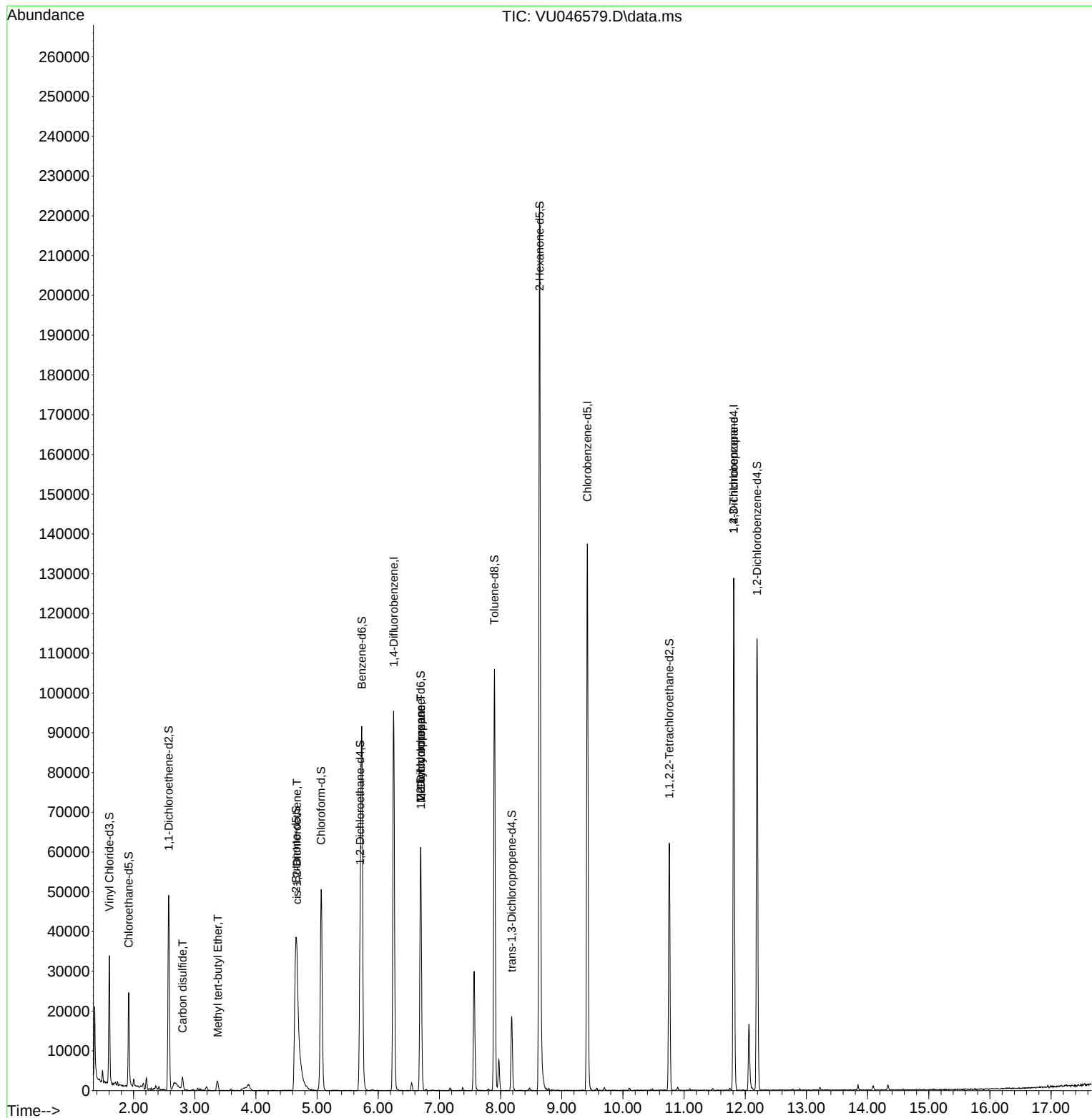
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	80171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	76648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20234	3.204	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.919	69	18103	3.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.575	65	9285	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.655	46	97292	53.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.240%
24) Chloroform-d	5.067	84	47879	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.703	65	29089	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.732	84	87265	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.694	67	28788	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.899	98	71126	3.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.182	79	11236	3.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.639	63	88455	50.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30354	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	30035	4.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.800	76	3942	0.171	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	2284	0.111	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	3206	0.390	ug/L	95
35) Methylcyclohexane	6.694	83	6998	0.618	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	3006	0.387	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	4151	0.716	ug/L #	66

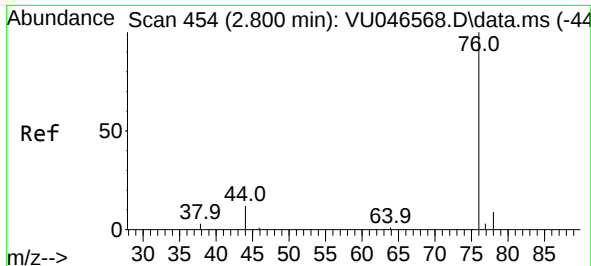
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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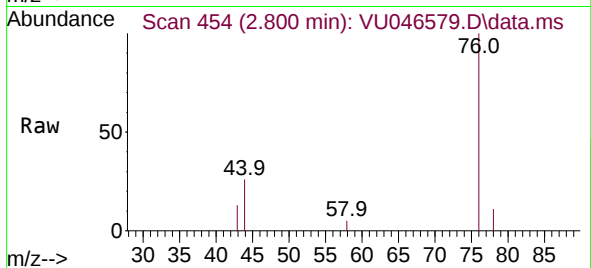
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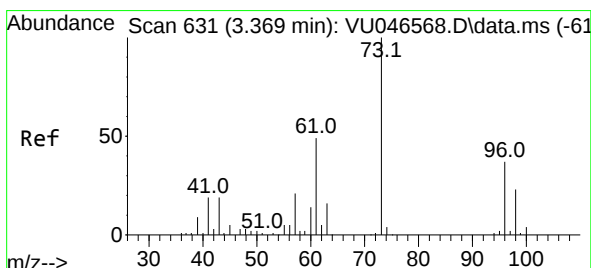
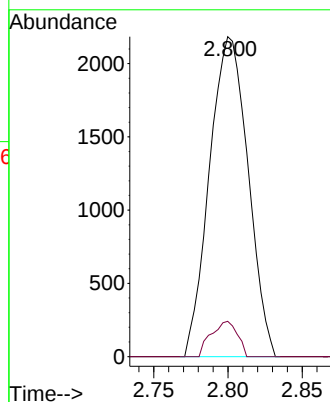
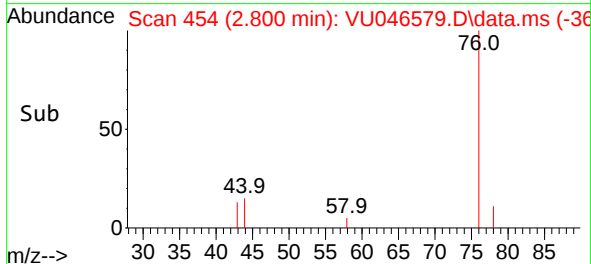


#14
Carbon disulfide
Concen: 0.171 ug/L
RT: 2.800 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU046579.D
Acq: 23 Dec 2021 20:37

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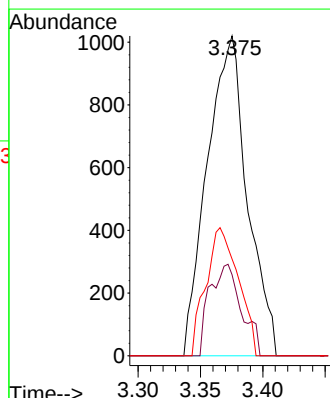
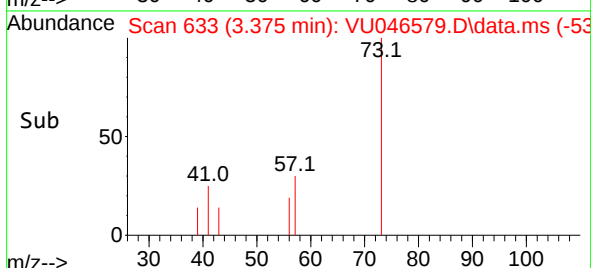
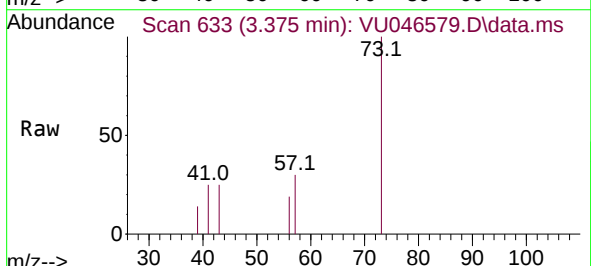


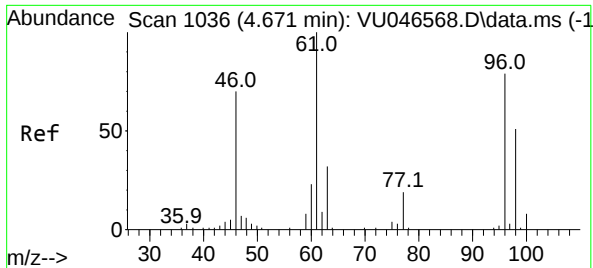
Tgt Ion: 76 Resp: 3942
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3



#17
Methyl tert-butyl Ether
Concen: 0.111 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.006 min
Lab File: VU046579.D
Acq: 23 Dec 2021 20:37

Tgt Ion: 73 Resp: 2284
Ion Ratio Lower Upper
73 100
43 22.6 14.8 22.2#
57 32.5 17.4 26.0#

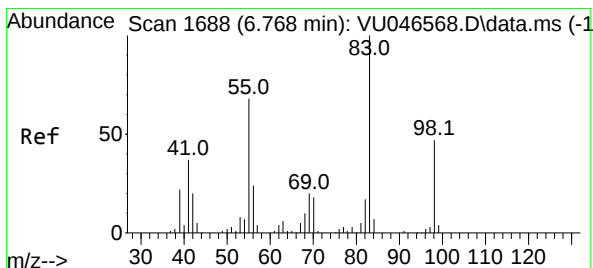
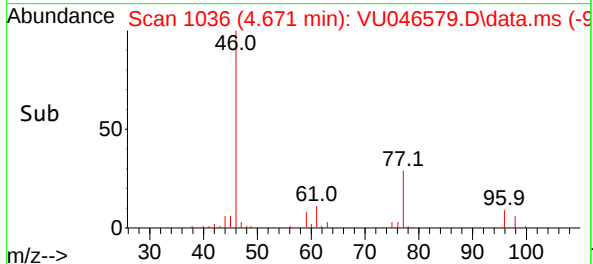
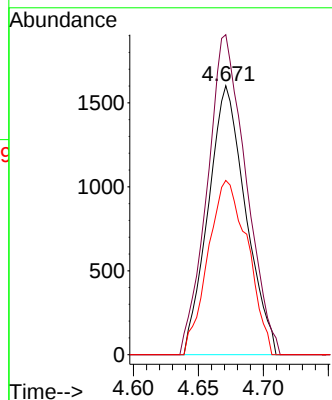
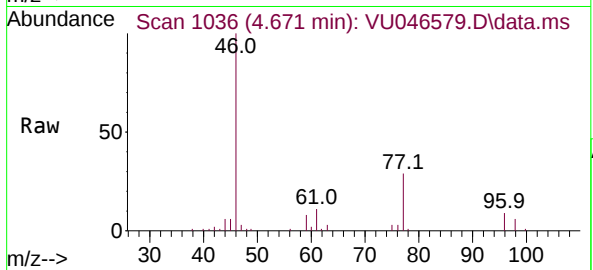




#22
 cis-1,2-Dichloroethene
 Concen: 0.390 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046579.D
 Acq: 23 Dec 2021 20:37

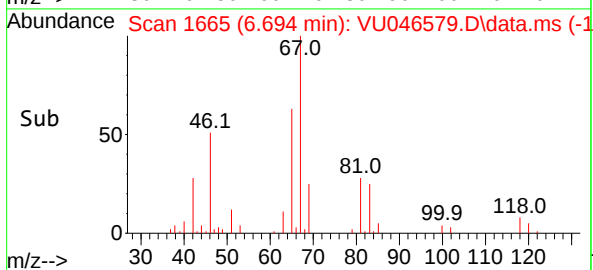
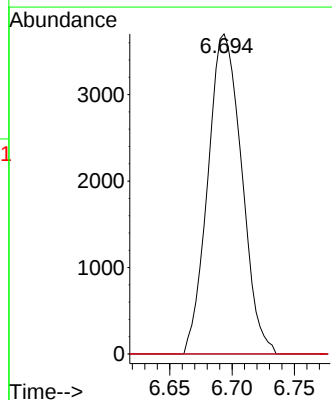
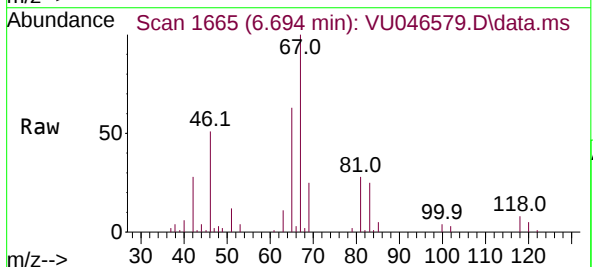
Instrument :
 MSVOA_U
 ClientSampleId :

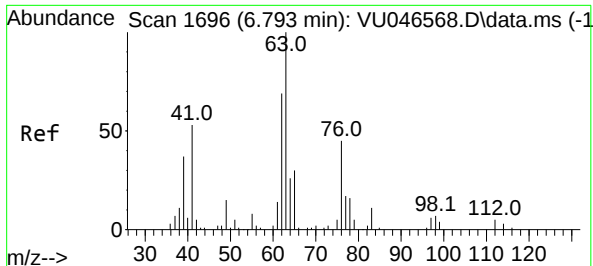
Tgt Ion: 96 Resp: 3206
 Ion Ratio Lower Upper
 96 100
 61 119.0 88.5 164.3
 98 64.8 44.4 82.5



#35
 Methylcyclohexane
 Concen: 0.618 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046579.D
 Acq: 23 Dec 2021 20:37

Tgt Ion: 83 Resp: 6998
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.9 92.9#
 98 0.0 39.0 58.6#

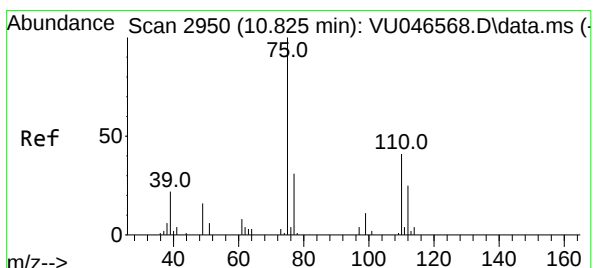
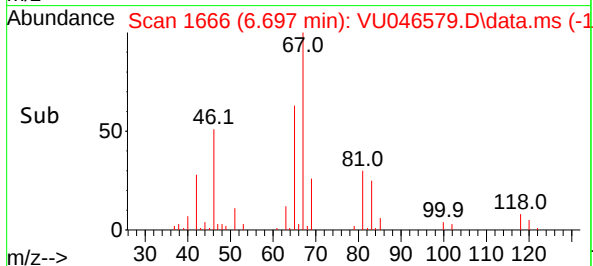
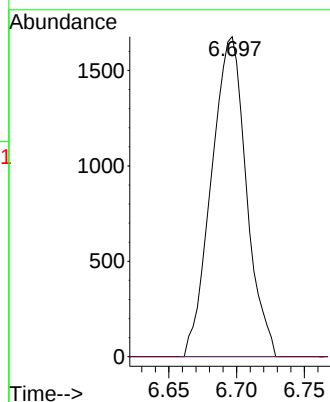
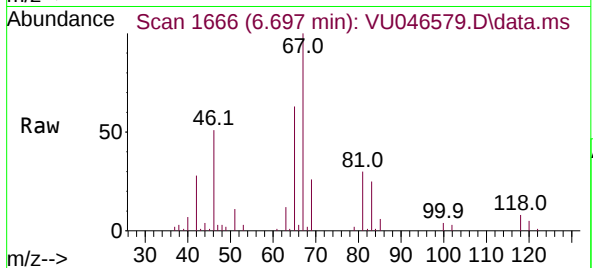




#37
1,2-Dichloropropane
Concen: 0.387 ug/L
RT: 6.697 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046579.D
Acq: 23 Dec 2021 20:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3006
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#61
1,2,3-Trichloropropane
Concen: 0.716 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046579.D
Acq: 23 Dec 2021 20:37

Tgt Ion: 75 Resp: 4151
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 32.7 25.5 38.3

