

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051688.D
 Acq On : 02 Nov 2022 13:38
 Operator : JC/MD
 Sample : N4015-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Nov 03 01:47:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

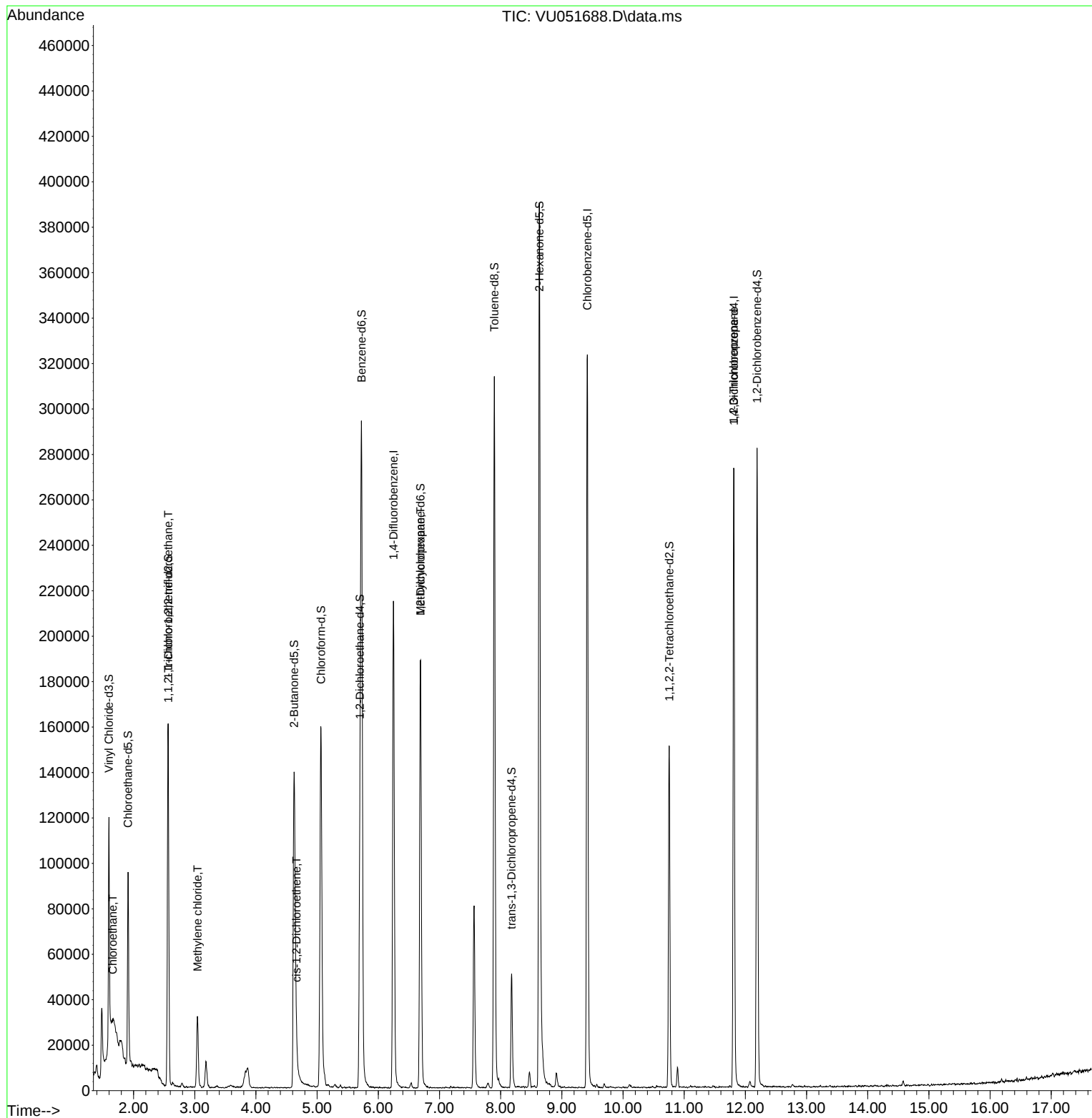
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	182564	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	191132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72525	5.275	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.400%	
7) Chloroethane-d5	1.909	69	66506	4.638	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.565	65	30527	6.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	122.400%	
20) 2-Butanone-d5	4.623	46	171201	34.380	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.760%	
24) Chloroform-d	5.064	84	147690	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.700	65	76438	4.398	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.726	84	283950	4.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.690	67	96742	4.587	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.896	98	220338	4.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	8.179	79	29513	4.576	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.633	63	129412	33.336	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	66.680%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	78067	4.039	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	77878	5.501	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						
8) Chloroethane	1.662	64	65401	4.467	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1054	0.068	ug/L #	24
16) Methylene chloride	3.044	84	16331	0.628	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	1038	0.055	ug/L	81
35) Methylcyclohexane	6.690	83	21929	0.871	ug/L #	20
61) 1,2,3-Trichloropropane	11.809	75	9032	0.905	ug/L #	69

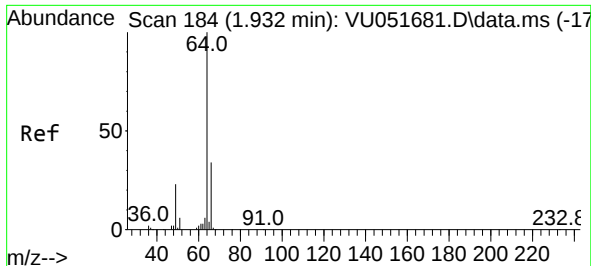
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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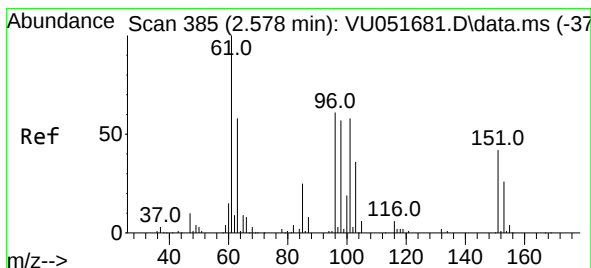
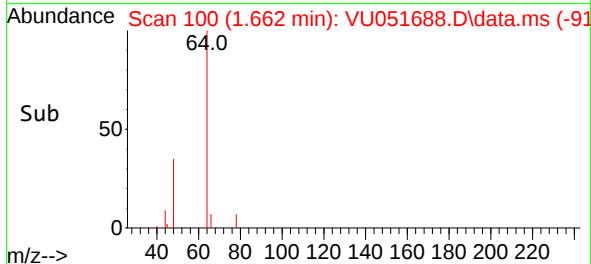
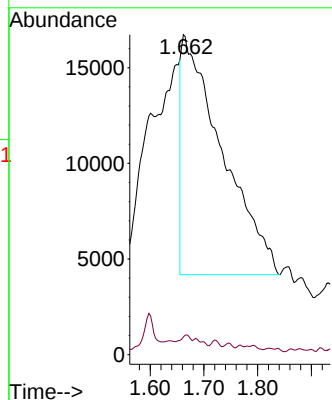
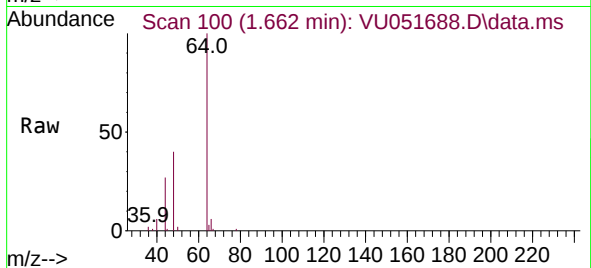




#8
Chloroethane
Concen: 4.467 ug/L
RT: 1.662 min Scan# 100
Delta R.T. -0.270 min
Lab File: VU051688.D
Acq: 02 Nov 2022 13:38

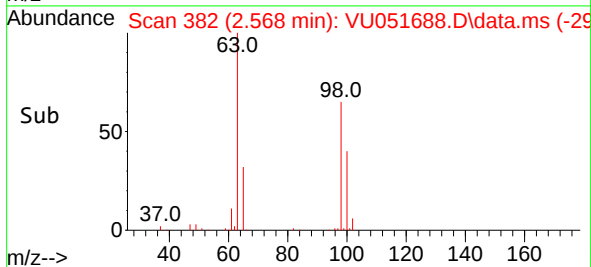
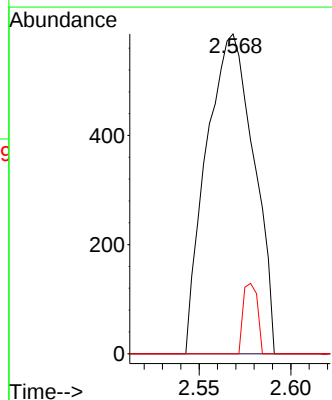
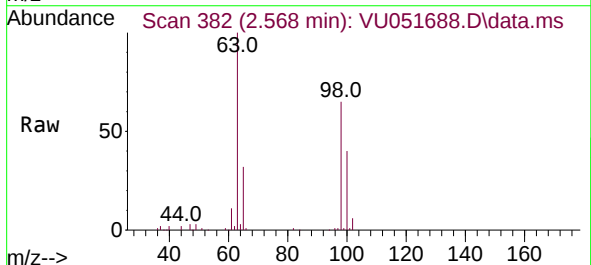
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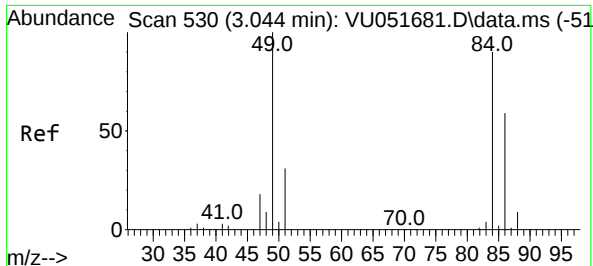
Tgt Ion: 64 Resp: 65401
Ion Ratio Lower Upper
64 100
66 5.5 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051688.D
Acq: 02 Nov 2022 13:38

Tgt Ion: 101 Resp: 1054
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 6.6 59.6 89.4#

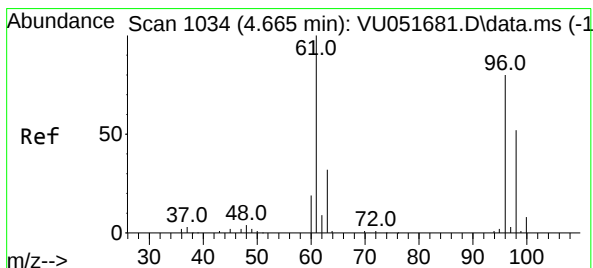
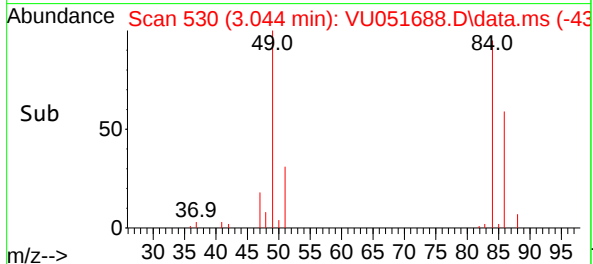
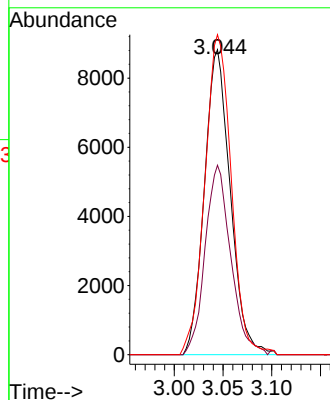
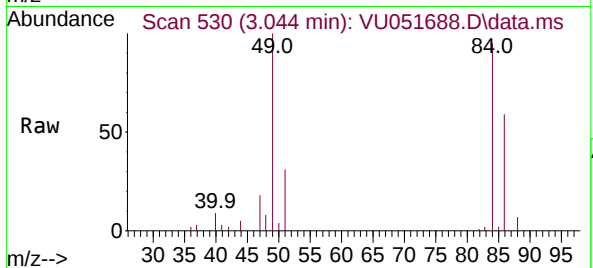




#16
Methylene chloride
Concen: 0.628 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051688.D
Acq: 02 Nov 2022 13:38

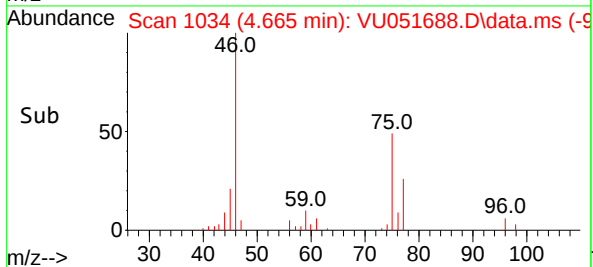
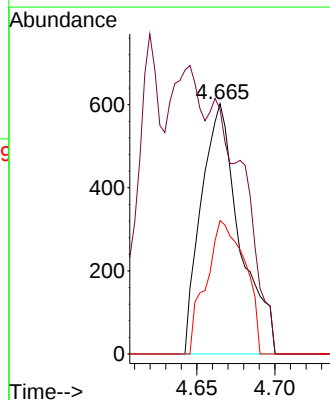
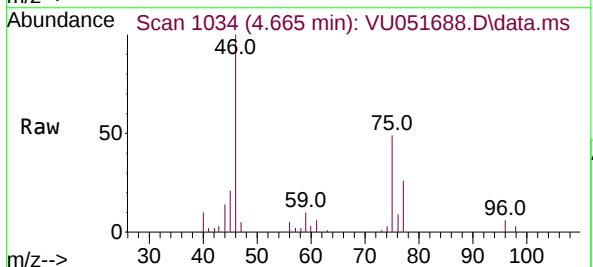
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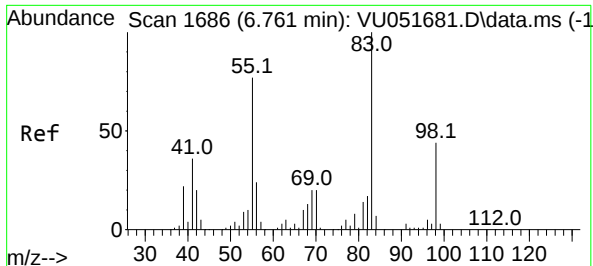
Tgt Ion: 84 Resp: 16331
Ion Ratio Lower Upper
84 100
86 62.1 46.3 85.9
49 104.9 76.0 141.2



#22
cis-1,2-Dichloroethene
Concen: 0.055 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051688.D
Acq: 02 Nov 2022 13:38

Tgt Ion: 96 Resp: 1038
Ion Ratio Lower Upper
96 100
61 97.8 86.4 160.4
98 53.3 44.2 82.2

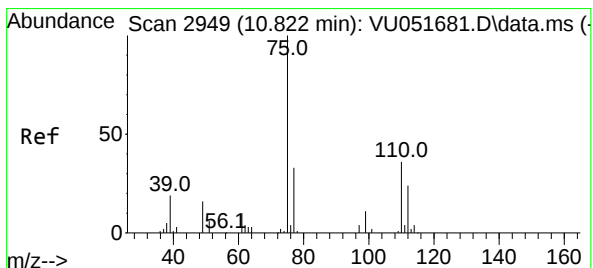
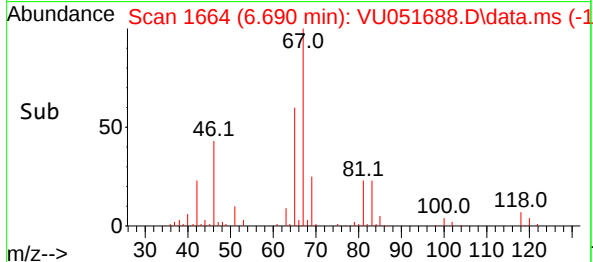
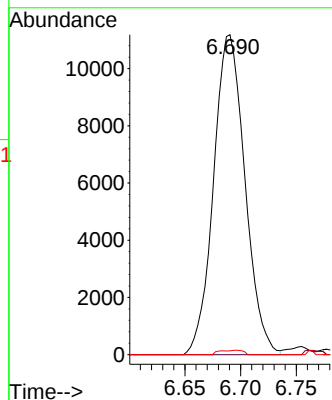
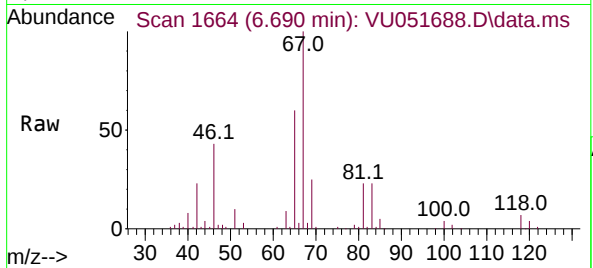




#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU051688.D
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Tgt Ion: 83 Resp: 21929
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 1.0 35.8 53.6#



#61
1,2,3-Trichloropropane
Concen: 0.905 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051688.D
Acq: 02 Nov 2022 13:38

Tgt Ion: 75 Resp: 9032
Ion Ratio Lower Upper
75 100
110 1.4 28.7 43.1#
77 32.2 26.1 39.1

