

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062316.D
 Acq On : 13 Dec 2024 16:35
 Operator : MD/SY
 Sample : P5269-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:50:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

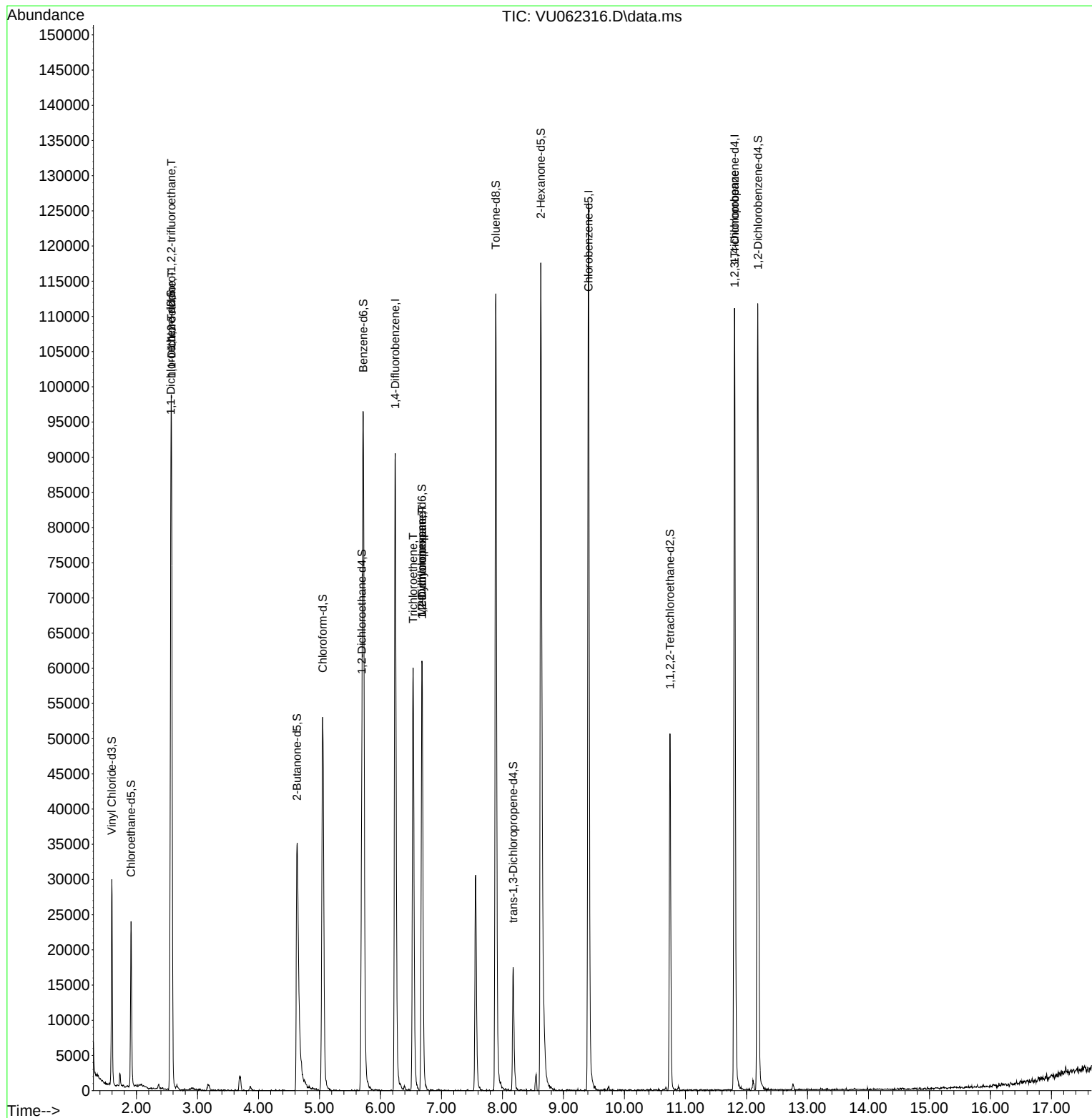
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77440	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	72372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	31932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19509	3.735	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.911	69	17064	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	9509	3.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.631	46	59469	59.406	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.820%
24) Chloroform-d	5.052	84	54312	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	29494	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.718	84	92212	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.679	67	28451	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.891	98	82217	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	11812	4.500	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.628	63	43469	54.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24669	5.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	32095	5.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	1765	0.316	ug/L #	87
12) 1,1-Dichloroethene	2.573	96	23040	4.406	ug/L #	86
34) Trichloroethene	6.534	95	21904	3.448	ug/L	93
35) Methylcyclohexane	6.679	83	7892	0.838	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3630	0.665	ug/L #	87
61) 1,2,3-Trichloropropane	11.807	75	3327	1.127	ug/L #	64

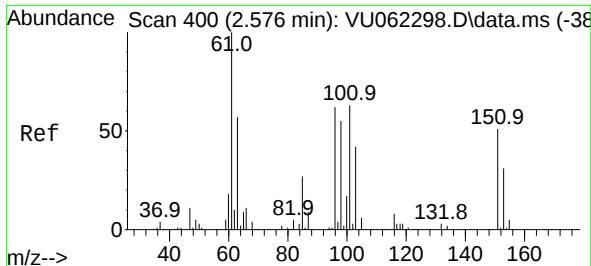
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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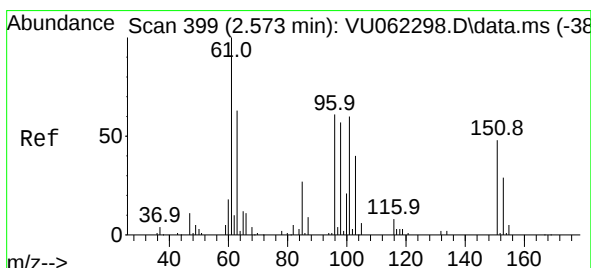
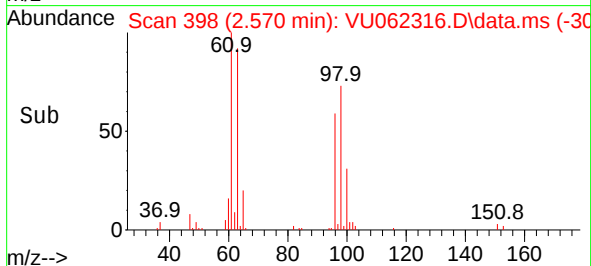
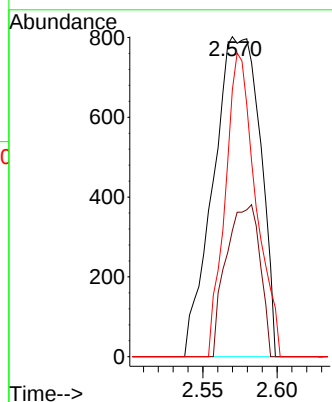
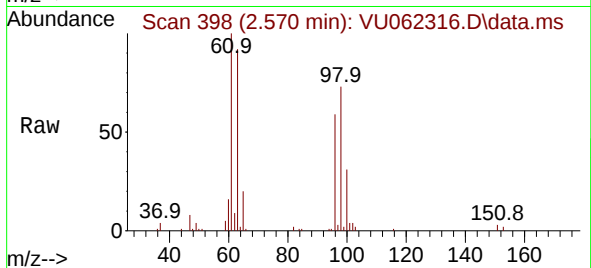




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.316 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU062316.D
Acq: 13 Dec 2024 16:35

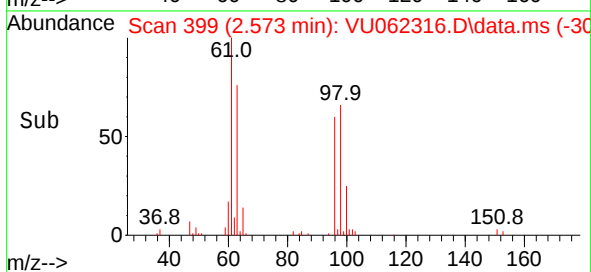
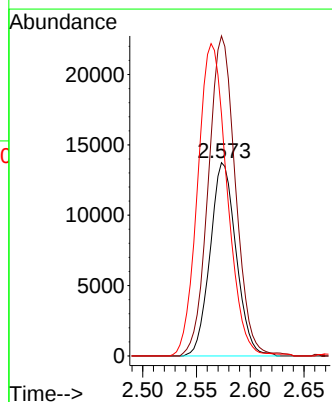
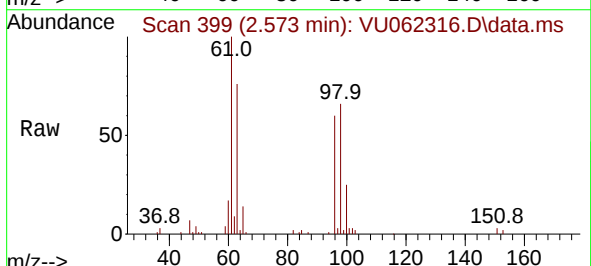
Instrument :
MSVOA_U
ClientSampleId :

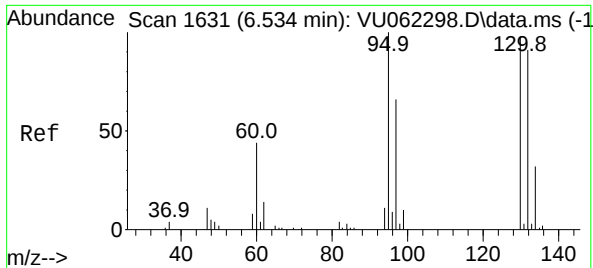
Tgt Ion:101 Resp: 1765
Ion Ratio Lower Upper
101 100
85 34.0 38.0 57.0#
151 61.8 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.406 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062316.D
Acq: 13 Dec 2024 16:35

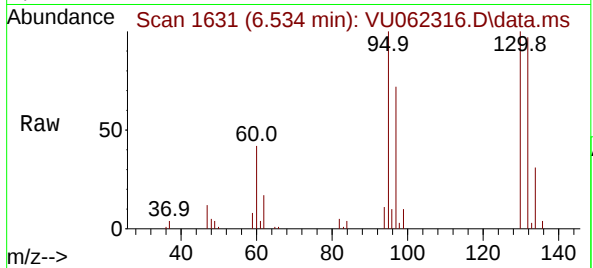
Tgt Ion: 96 Resp: 23040
Ion Ratio Lower Upper
96 100
61 165.6 119.6 222.2
63 125.2 65.0 120.6#



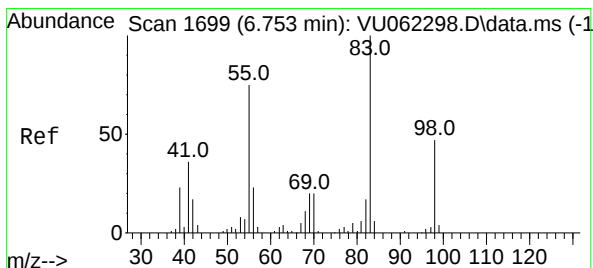
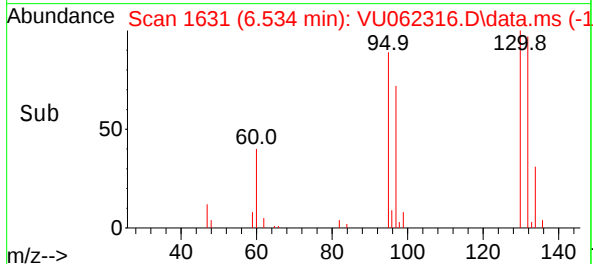
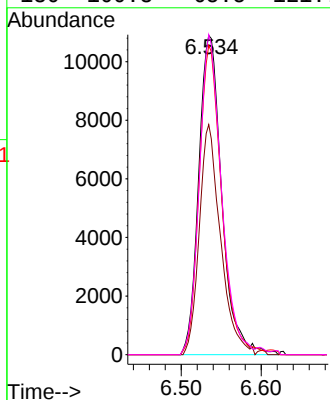


#34
Trichloroethene
Concen: 3.448 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062316.D
Acq: 13 Dec 2024 16:35

Instrument :
MSVOA_U
ClientSampleId :

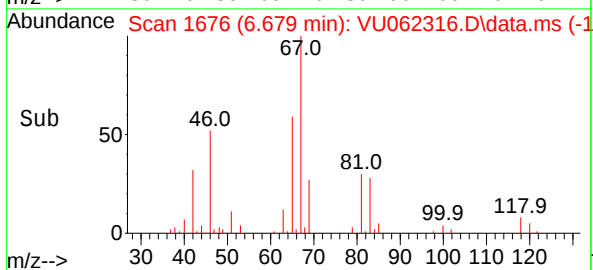
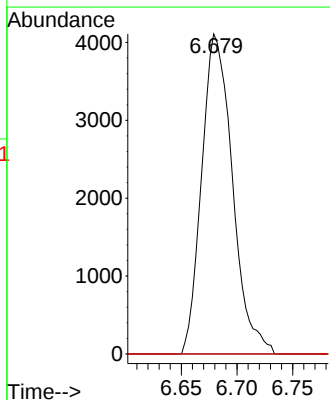
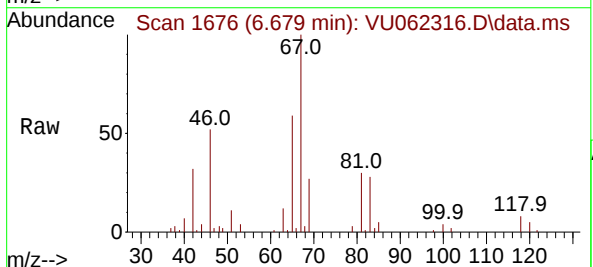


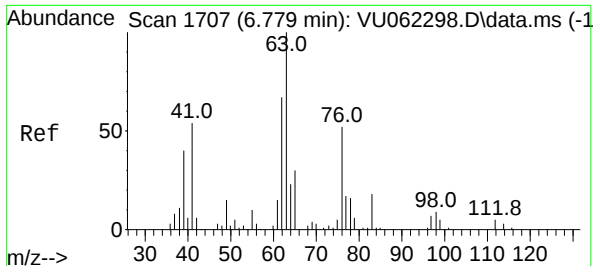
Tgt Ion:	95	Resp:	21904
Ion	Ratio	Lower	Upper
95	100		
97	72.1	45.9	85.3
132	96.9	63.8	118.4
130	100.3	65.5	121.7



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062316.D
Acq: 13 Dec 2024 16:35

Tgt Ion:	83	Resp:	7892
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	0.0	34.8	52.2#

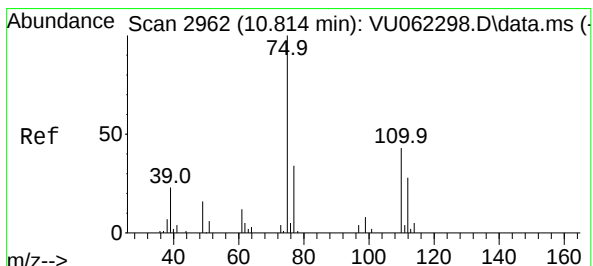
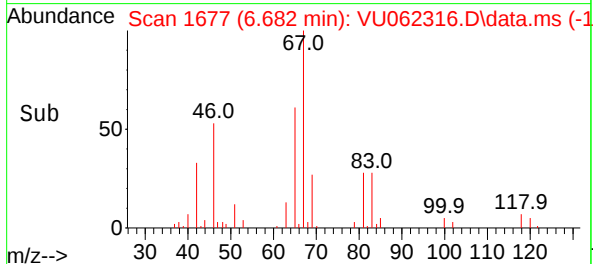
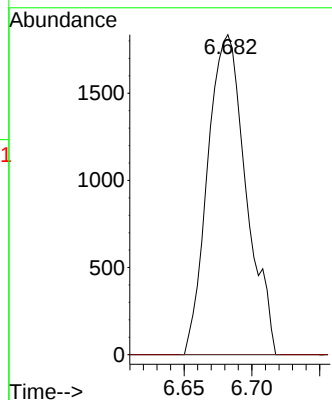
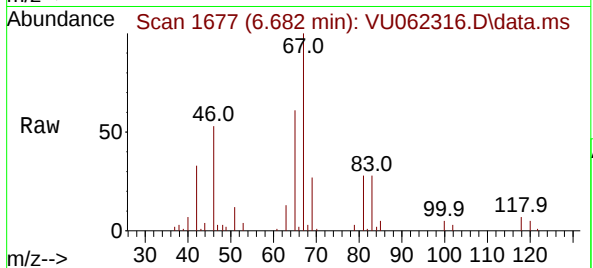




#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062316.D
Acq: 13 Dec 2024 16:35

Instrument :
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ClientSampleId :

Tgt Ion: 63 Resp: 3630
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.127 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU062316.D
Acq: 13 Dec 2024 16:35

Tgt Ion: 75 Resp: 3327
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 37.5 26.5 39.7

