

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055879.D
 Acq On : 25 Oct 2023 15:09
 Operator : MD/SY
 Sample : 04946-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 01:53:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

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

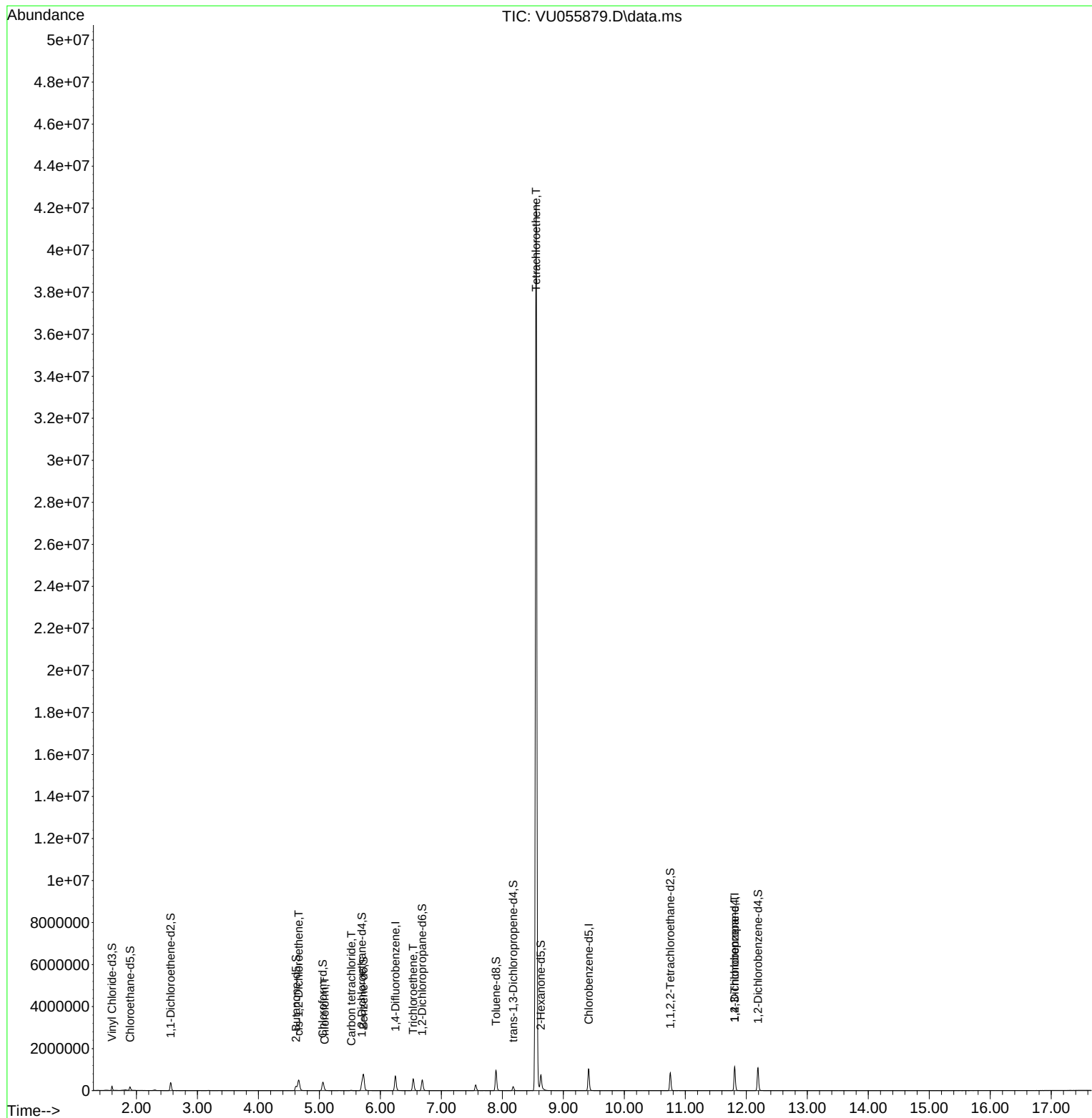
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	574469	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	584026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	301762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	149635	29.040	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	58.080%#		
7) Chloroethane-d5	1.895	69	145671	34.585	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.160%#		
11) 1,1-Dichloroethene-d2	2.560	63	230732	25.113	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.220%#		
21) 2-Butanone-d5	4.615	46	297064	77.804	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.800%		
24) Chloroform-d	5.055	84	384656	38.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.880%		
26) 1,2-Dichloroethane-d4	5.695	65	252268	41.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.980%		
32) Benzene-d6	5.721	84	751730	40.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.460%		
36) 1,2-Dichloropropane-d6	6.685	67	252624	42.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.400%		
41) Toluene-d8	7.894	98	658742	39.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.080%#		
43) trans-1,3-Dichloroprop...	8.177	79	112316	39.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.040%		
47) 2-Hexanone-d5	8.631	63	265838	114.309	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.310%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	427539	46.953	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.900%		
66) 1,2-Dichlorobenzene-d4	12.190	152	293623	49.033	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.060%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.660	96	263924	55.528	ug/L	95
25) Chloroform	5.084	83	18785	2.106	ug/L	93
31) Carbon tetrachloride	5.521	117	11737	1.777	ug/L	94
34) Trichloroethene	6.538	95	197335	39.065	ug/L	99
46) Tetrachloroethene	8.554	164	9390771	2596.539	ug/L	98
60) 1,2,3-Trichloropropane	11.807	75	35398	5.405	ug/L #	69

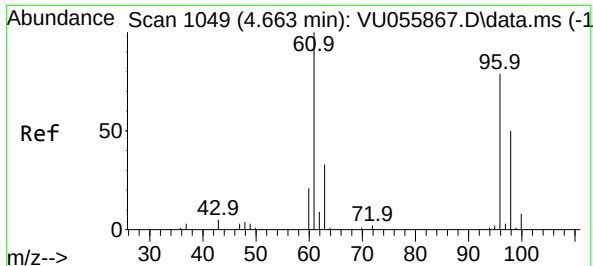
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 26 01:50:39 2023
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#20

cis-1,2-Dichloroethene

Concen: 55.528 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

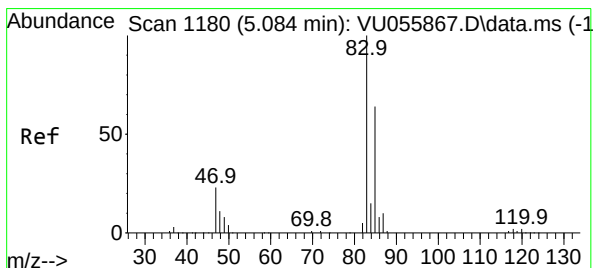
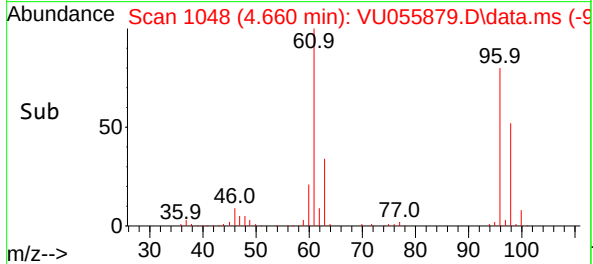
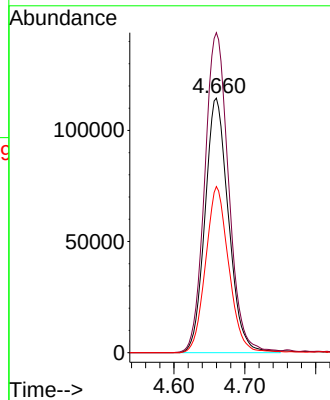
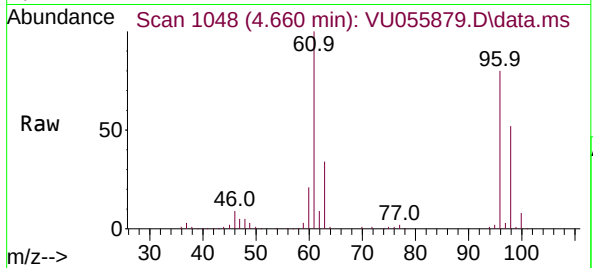
Tgt Ion: 96 Resp: 263924

Ion Ratio Lower Upper

96 100

61 125.7 92.3 171.5

98 65.2 43.9 81.5



#25

Chloroform

Concen: 2.106 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055879.D

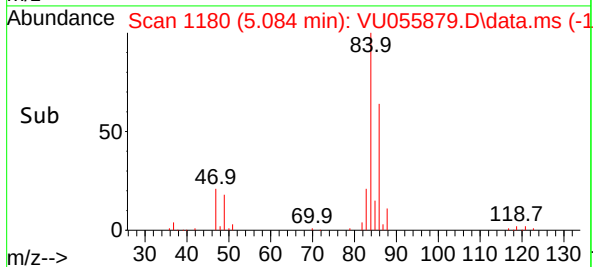
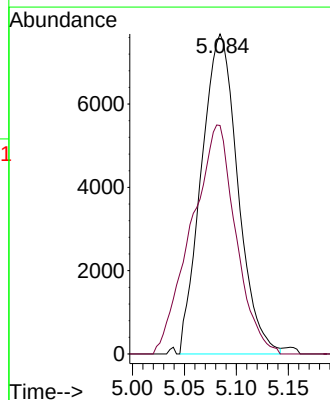
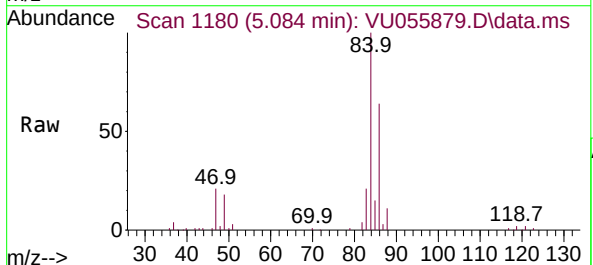
Acq: 25 Oct 2023 15:09

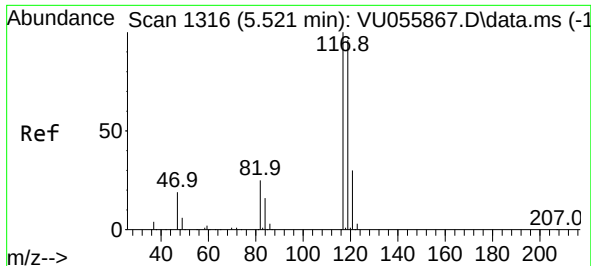
Tgt Ion: 83 Resp: 18785

Ion Ratio Lower Upper

83 100

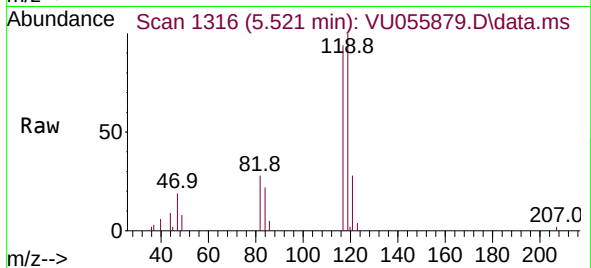
85 71.4 46.3 86.1



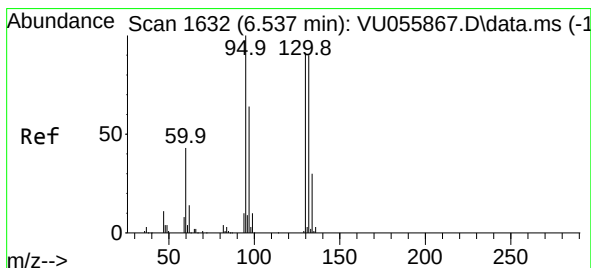
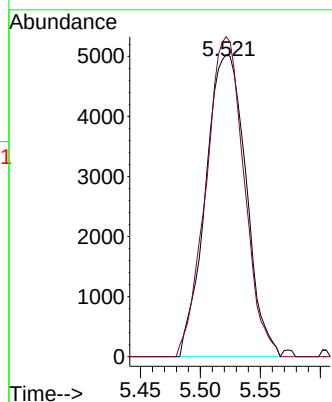
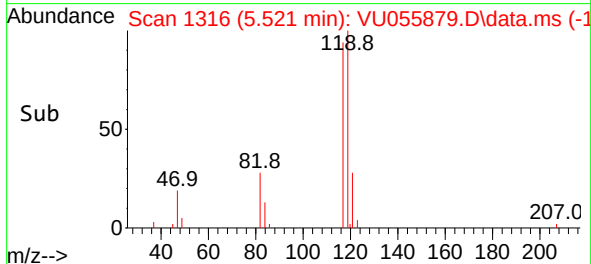


#31
Carbon tetrachloride
Concen: 1.777 ug/L
RT: 5.521 min Scan# 11737
Delta R.T. 0.000 min
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ClientSampleId :

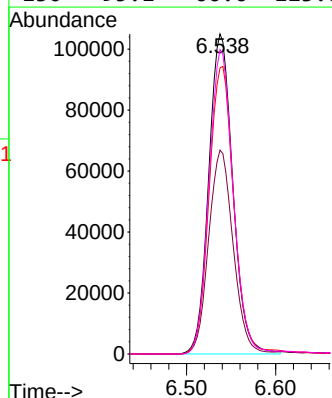
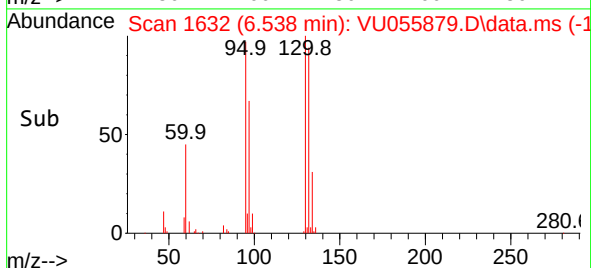
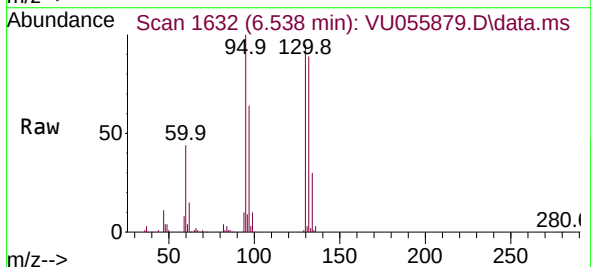


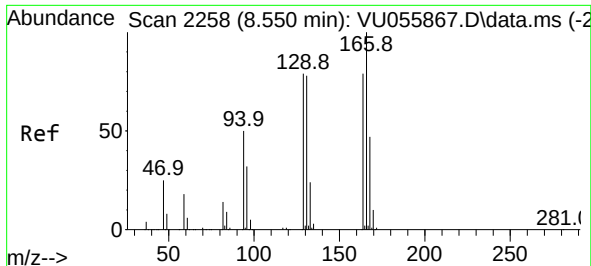
Tgt Ion:117 Resp: 11737
Ion Ratio Lower Upper
117 100
119 100.2 75.4 113.0



#34
Trichloroethene
Concen: 39.065 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU055879.D
Acq: 25 Oct 2023 15:09

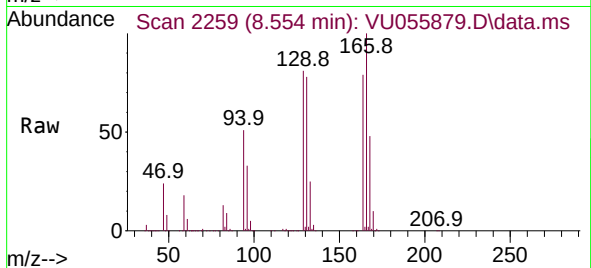
Tgt Ion: 95 Resp: 197335
Ion Ratio Lower Upper
95 100
97 63.7 44.4 82.5
132 89.4 61.8 114.8
130 95.1 66.6 123.8



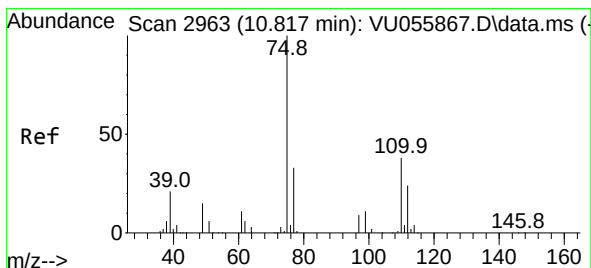
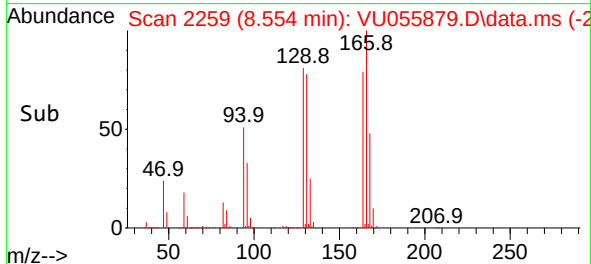
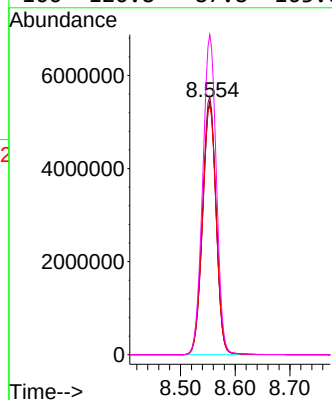


#46
Tetrachloroethene
Concen: 2596.539 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055879.D
Acq: 25 Oct 2023 15:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 9390771
Ion Ratio Lower Upper
164 100
129 102.3 70.7 131.3
131 99.0 65.9 122.5
166 126.8 87.8 163.0



#60
1,2,3-Trichloropropane
Concen: 5.405 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU055879.D
Acq: 25 Oct 2023 15:09

Tgt Ion: 75 Resp: 35398
Ion Ratio Lower Upper
75 100
77 33.8 25.8 38.8
110 2.3 28.5 42.7#

