

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071524\
 Data File : VU059954.D
 Acq On : 15 Jul 2024 16:18
 Operator : MD/SY
 Sample : P3230-10ME
 Misc : 5.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 16 05:50:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:46:09 2024
 Response via : Initial Calibration

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

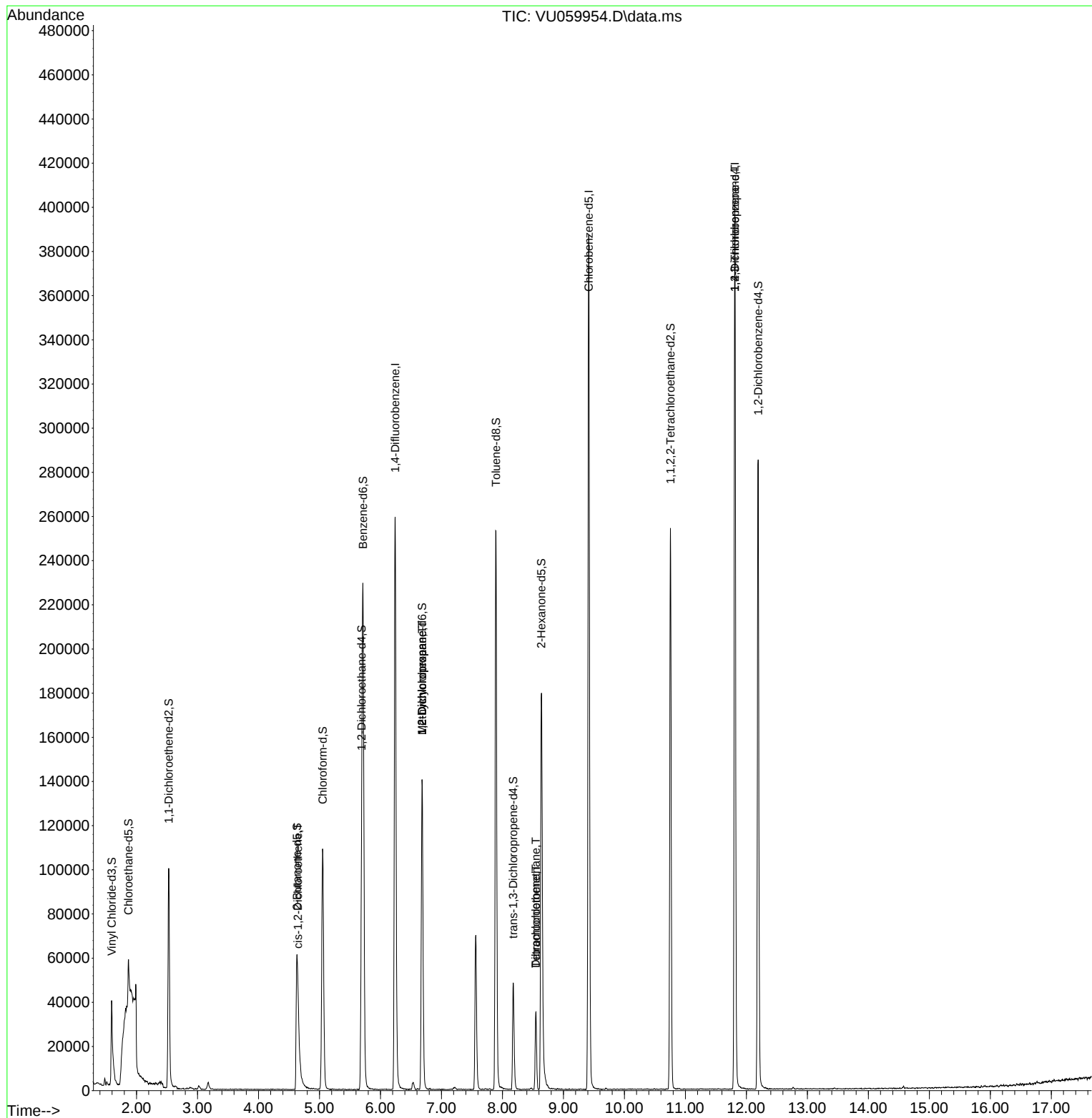
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	225148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	237084	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	115702	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	46583	32.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.440%		
7) Chloroethane-d5	1.869	69	20995	17.267	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	34.540%#		
11) 1,1-Dichloroethene-d2	2.528	63	63599	24.764	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.520%#		
21) 2-Butanone-d5	4.631	46	97723	97.272	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.270%		
24) Chloroform-d	5.052	84	107071	38.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.500%		
26) 1,2-Dichloroethane-d4	5.692	65	67703	40.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.340%		
32) Benzene-d6	5.714	84	211504	34.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.680%#		
36) 1,2-Dichloropropane-d6	6.682	67	71099	37.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.680%		
41) Toluene-d8	7.894	98	179128	31.026	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	62.060%#		
43) trans-1,3-Dichloroprop...	8.177	79	29999	34.119	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.240%		
47) 2-Hexanone-d5	8.640	63	74665	94.289	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.290%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	133523	46.298	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.600%		
66) 1,2-Dichlorobenzene-d4	12.193	152	81284	38.231	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.460%#		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.650	96	3581	2.152	ug/L	96
35) Methylcyclohexane	6.682	83	16497	6.992	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7048	4.000	ug/L #	88
46) Tetrachloroethene	8.547	164	8187	5.825	ug/L	96
49) Dibromochloromethane	8.550	129	7949	4.371	ug/L #	11
60) 1,2,3-Trichloropropane	11.811	75	12419	5.656	ug/L #	67

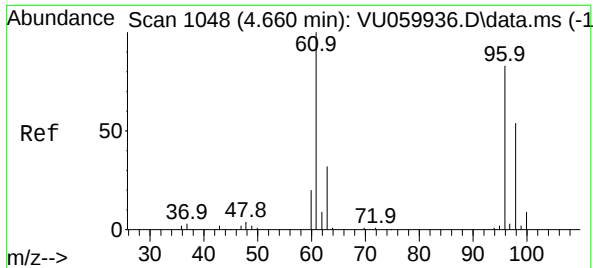
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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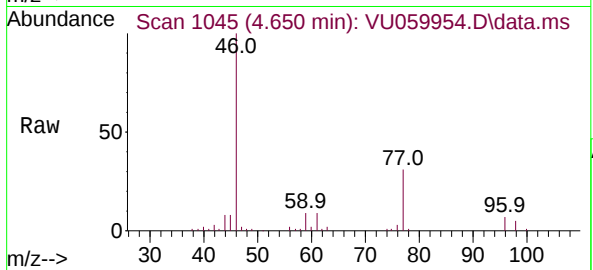
Quant Time: Jul 16 05:50:10 2024
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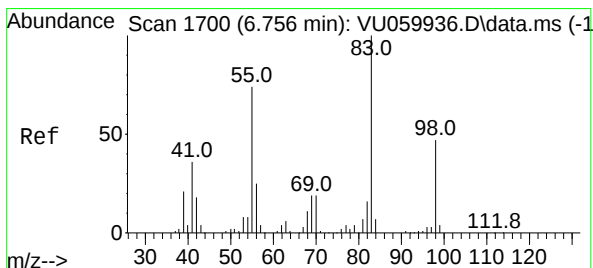
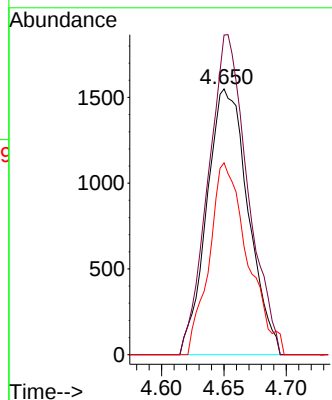
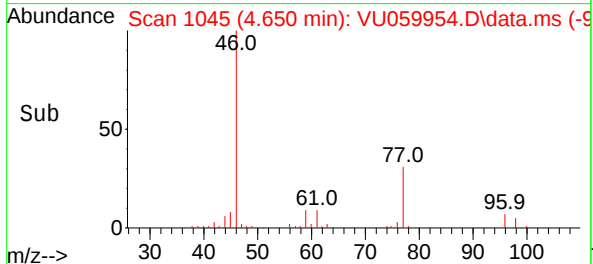


#20
cis-1,2-Dichloroethene
Concen: 2.152 ug/L
RT: 4.650 min Scan# 1048
Delta R.T. -0.010 min
Lab File: VU059954.D
Acq: 15 Jul 2024 16:18

Instrument :
MSVOA_U
ClientSampleId :

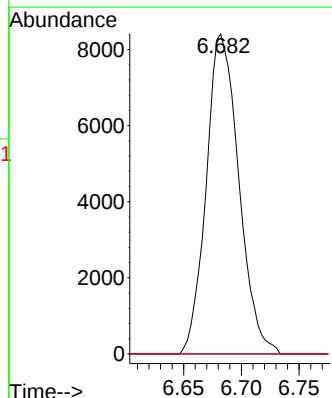
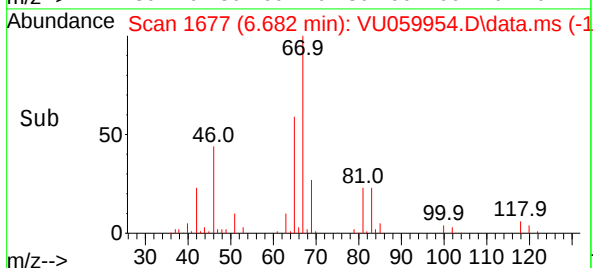
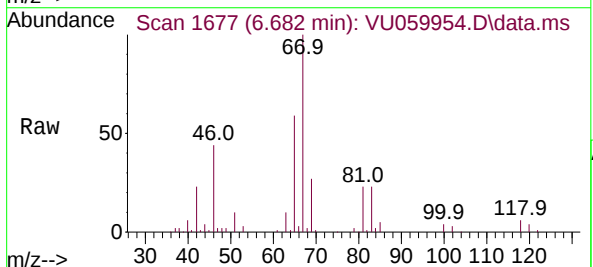


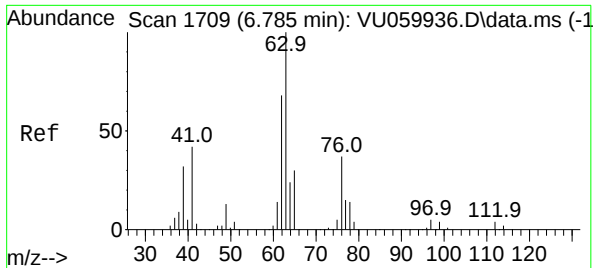
Tgt Ion: 96 Resp: 3581
Ion Ratio Lower Upper
96 100
61 120.3 83.2 154.4
98 72.2 45.9 85.3



#35
Methylcyclohexane
Concen: 6.992 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059954.D
Acq: 15 Jul 2024 16:18

Tgt Ion: 83 Resp: 16497
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.0 36.5 54.7#

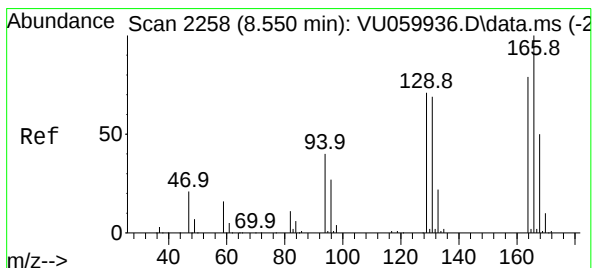
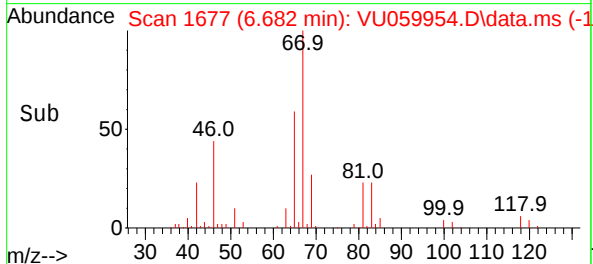
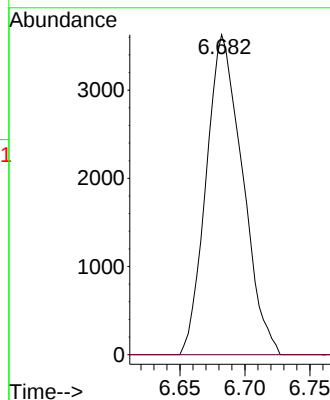
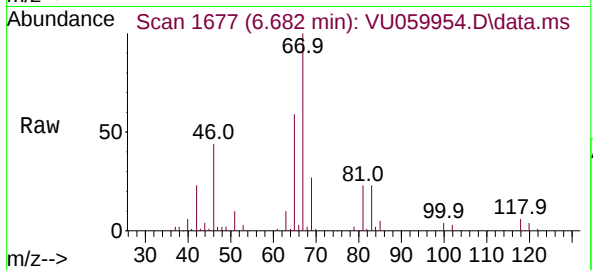




#37
1,2-Dichloropropane
Concen: 4.000 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059954.D
Acq: 15 Jul 2024 16:18

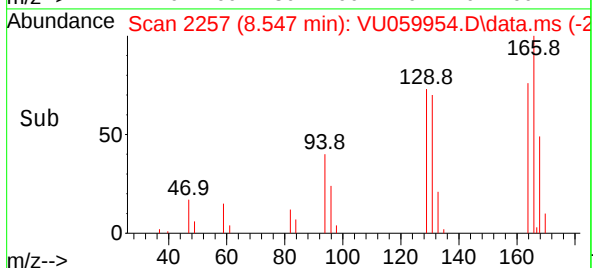
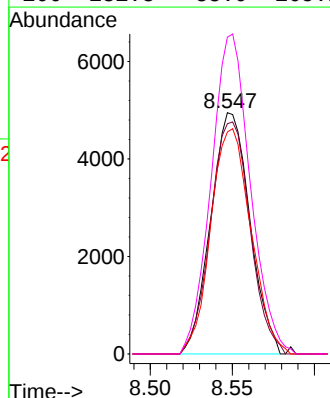
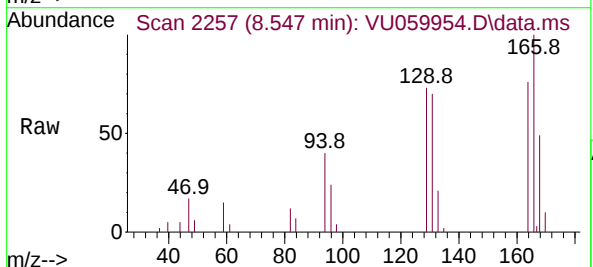
Instrument :
MSVOA_U
ClientSampleId :

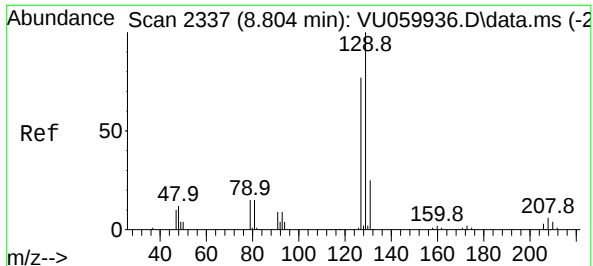
Tgt Ion: 63 Resp: 7048
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#46
Tetrachloroethene
Concen: 5.825 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059954.D
Acq: 15 Jul 2024 16:18

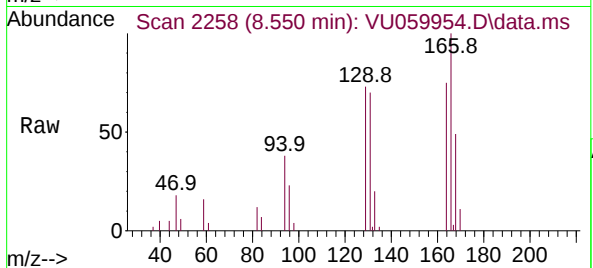
Tgt Ion: 164 Resp: 8187
Ion Ratio Lower Upper
164 100
129 95.4 62.7 116.5
131 92.0 62.3 115.7
166 131.3 88.9 165.1



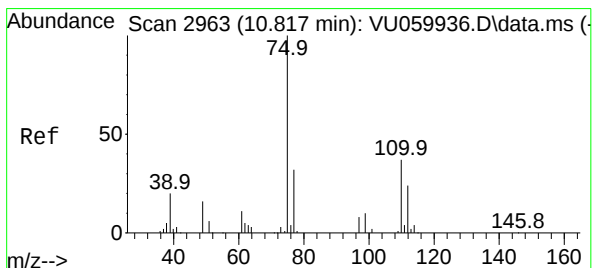
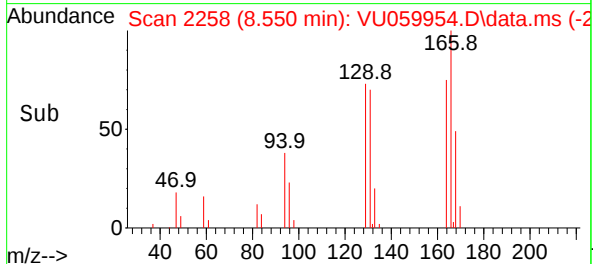
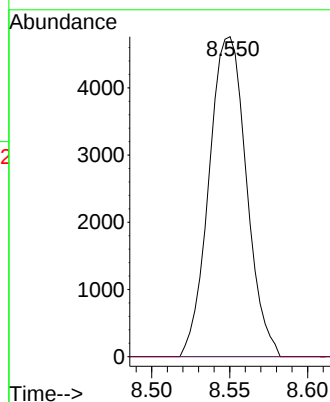


#49
Dibromochloromethane
Concen: 4.371 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU059954.D
Acq: 15 Jul 2024 16:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 7949
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.2#



#60
1,2,3-Trichloropropane
Concen: 5.656 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU059954.D
Acq: 15 Jul 2024 16:18

Tgt Ion: 75 Resp: 12419
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
110 2.4 30.7 46.1#

