Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
Data File : VV031834.D
Acq On : 17 Aug 2023 16:24
Operator : SY/MD
Sample : O4059-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG6

Quant Time: Aug 18 02:34:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 18 02:24:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.542	114	223312	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.792	117	237289	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	117872	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.275	65	62396	4.697 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.000%		
7) Chloroethane-d5	1.532	69	68926	4.948 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.000%		
11) 1,1-Dichloroethene-d2	2.056	65	37311	4.862 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.200%		
20) 2-Butanone-d5	3.825	46	216814	47.403 ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.800%		
24) Chloroform-d	4.256	84	172869	4.484 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%		
26) 1,2-Dichloroethane-d4	4.950	65	89469	4.700 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%		
32) Benzene-d6	4.966	84	307515	4.749 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%		
36) 1,2-Dichloropropane-d6	5.998	67	108088	4.702 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%		
41) Toluene-d8	7.249	98	246759	4.187 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%		
43) trans-1,3-Dichloroprop...	7.564	79	29343	4.158 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.200%		
46) 2-Hexanone-d5	8.034	63	156683	46.579 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.160%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	83347	5.228 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.600%		
66) 1,2-Dichlorobenzene-d4	11.567	152	110420	5.311 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.200%		
Target Compounds					Qvalue
13) Acetone	2.156	43	9015	3.435 ug/L	63
33) Benzene	5.024	78	12740	0.226 ug/L	100
52) Ethylbenzene	8.956	91	9235	0.164 ug/L	100
53) m,p-Xylene	9.082	106	9534	0.472 ug/L	88
60) Isopropylbenzene	9.873	105	80700	1.693 ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	4181	0.108 ug/L	95

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

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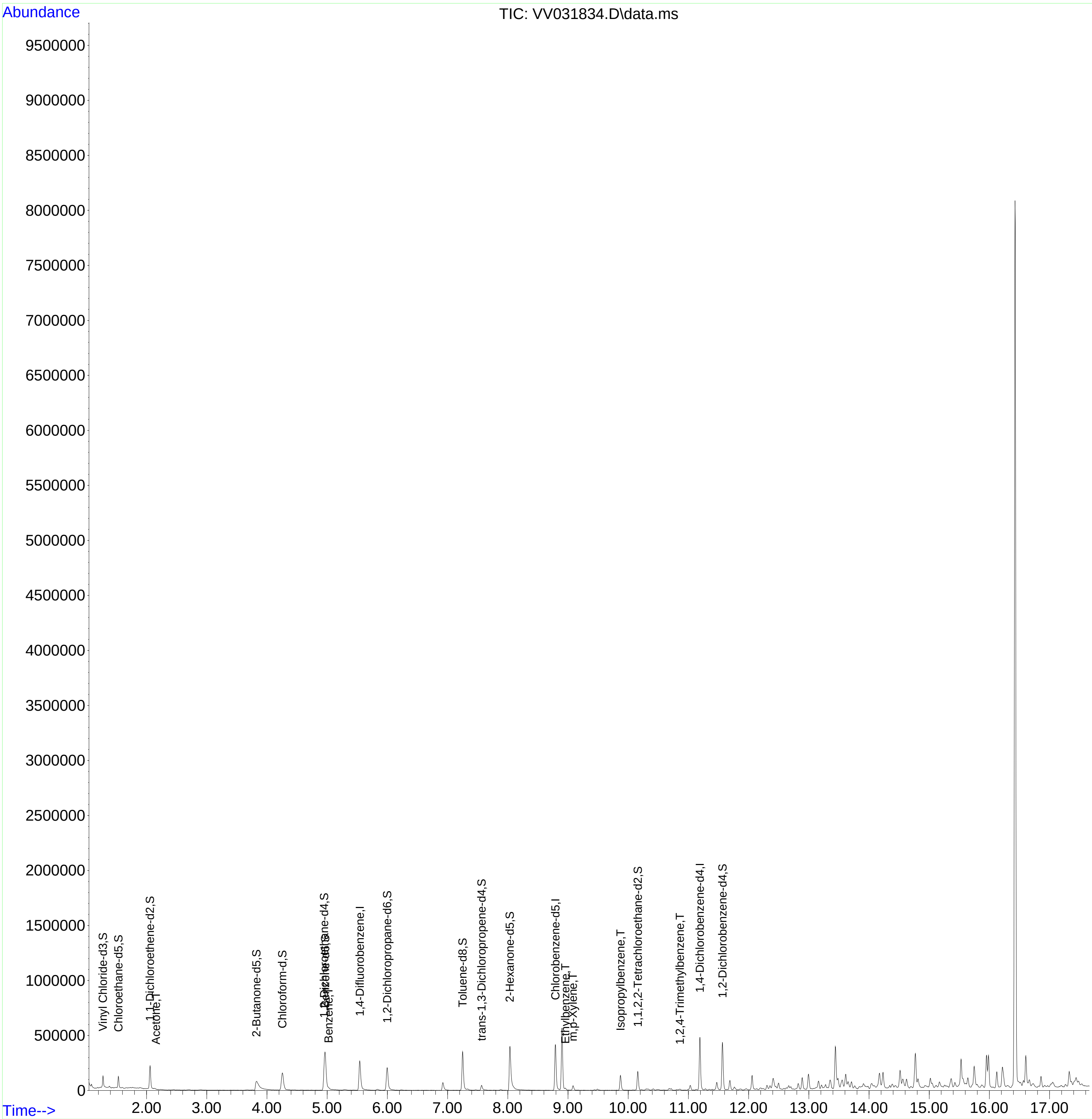
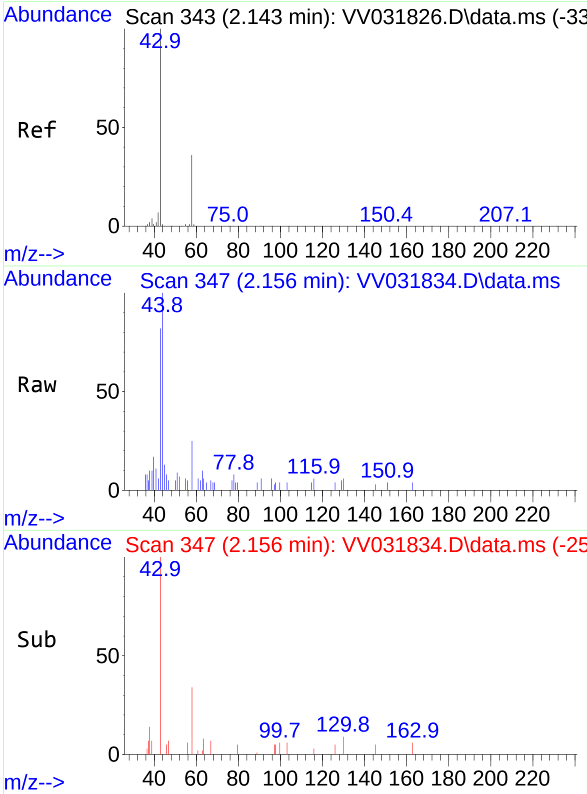


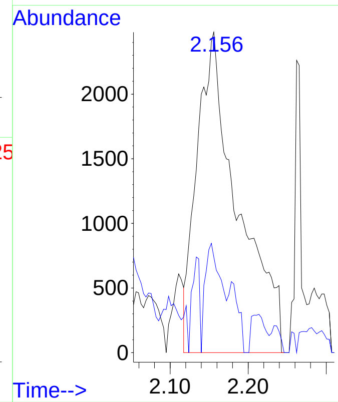


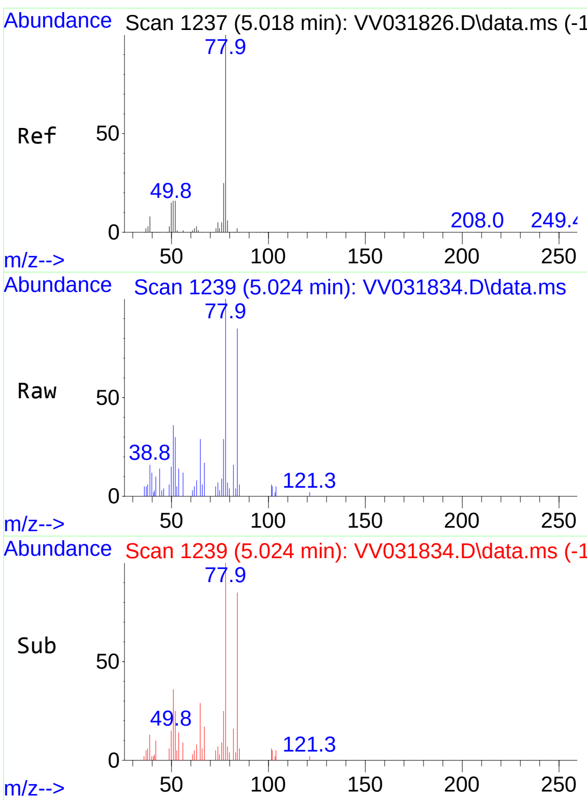
#13
Acetone
Concen: 3.435 ug/L
RT: 2.156 min   Scan# 34
Delta R.T.   0.013 min
Lab File: VV031834.D
Acq: 17 Aug 2023   16:24

Instrument :
MSVOA_V
ClientSampleId :
C0AG6

Tgt Ion: 43 Resp: 9015

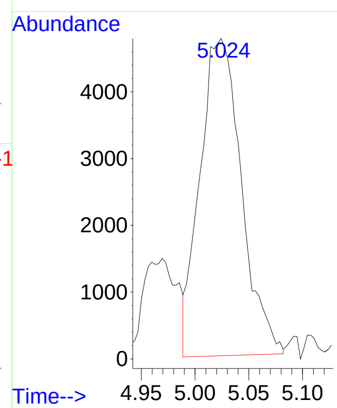
Ion	Ratio	Lower	Upper
43	100		
58	13.3	0.0	69.0

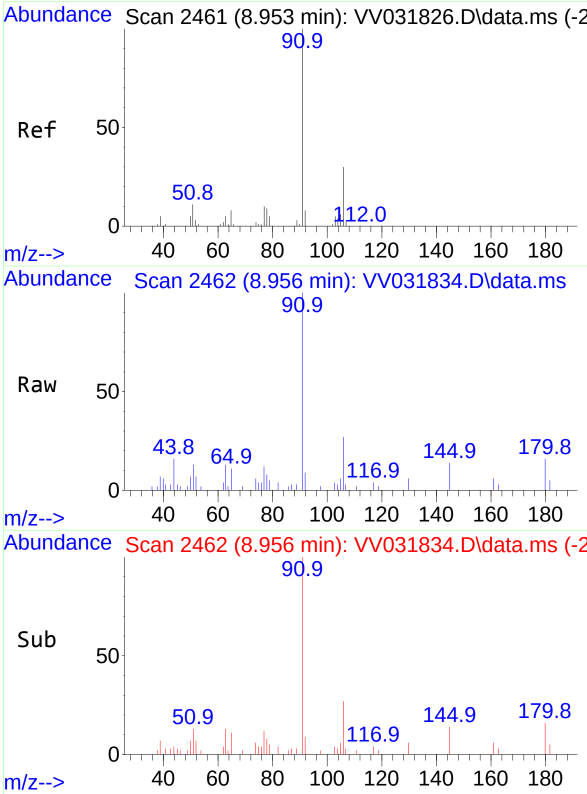




#33
Benzene
Concen: 0.226 ug/L
RT: 5.024 min   Scan# 1239
Delta R.T.   0.006 min
Lab File: VV031834.D
Acq: 17 Aug 2023   16:24

Tgt Ion: 78 Resp: 12740





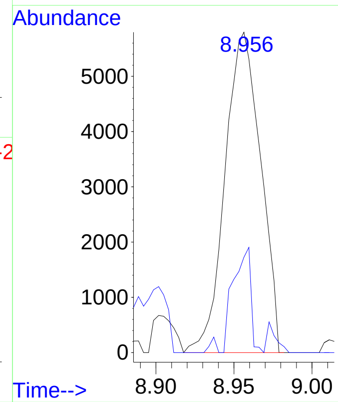
#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 8.956 min Scan# 24

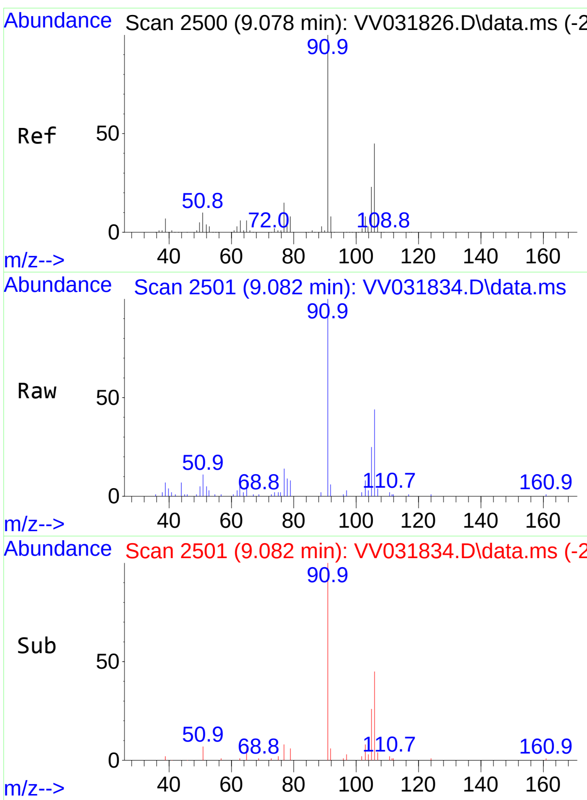
Instrument :
MSVOA_V
ClientSampleId :
C0AG6

Delta R.T. 0.003 min
Lab File: VV031834.D
Acq: 17 Aug 2023 16:24

Tgt Ion: 91 Resp: 9235

Ion	Ratio	Lower	Upper
91	100		
106	29.8	20.9	38.7

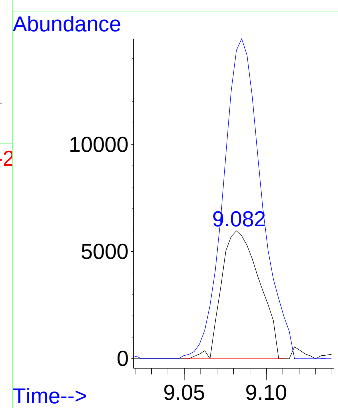


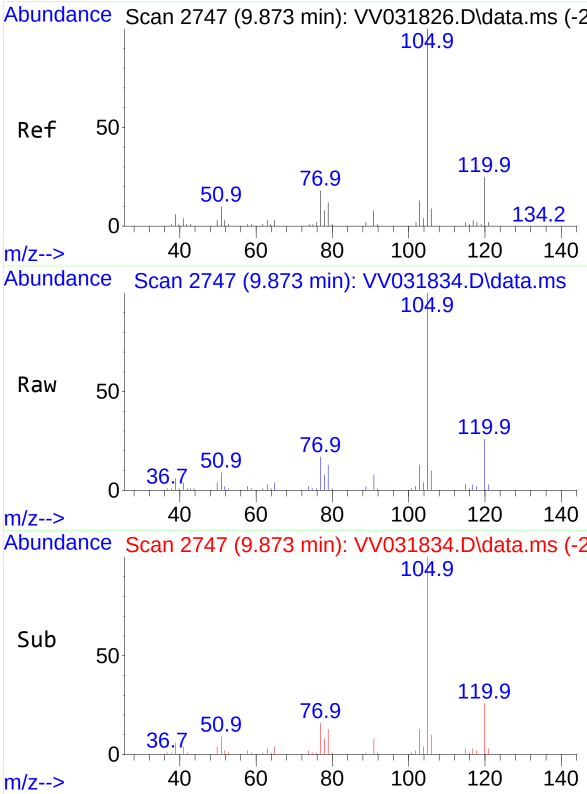


#53
m,p-Xylene
Concen: 0.472 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV031834.D
Acq: 17 Aug 2023 16:24

Tgt Ion:106 Resp: 9534

Ion	Ratio	Lower	Upper
106	100		
91	241.3	155.7	289.1



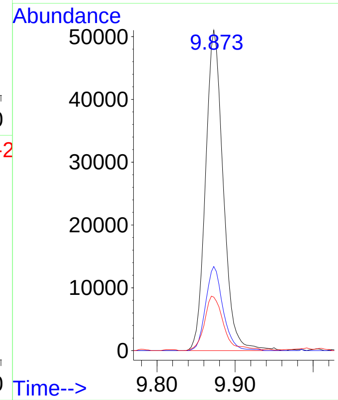


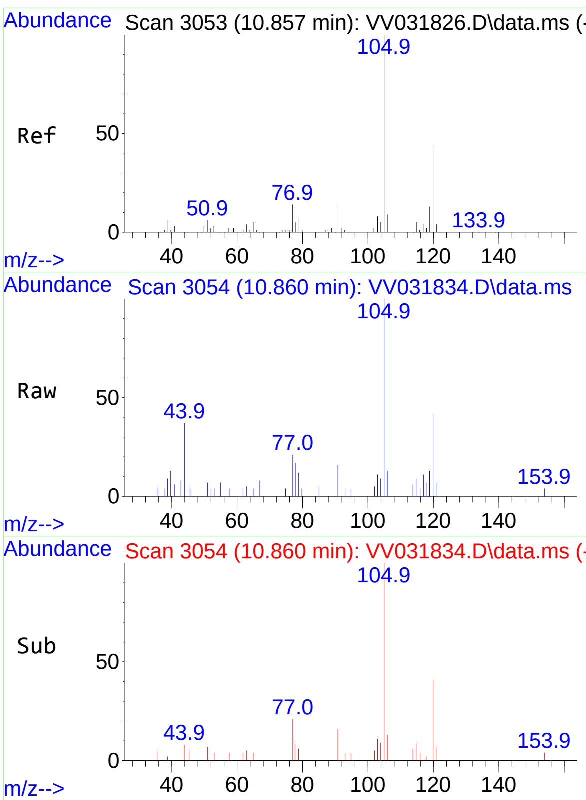
#60
Isopropylbenzene
Concen: 1.693 ug/L
RT: 9.873 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV031834.D
Acq: 17 Aug 2023 16:24

Instrument :
MSVOA_V
ClientSampleId :
C0AG6

Tgt Ion:105 Resp: 80700

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.6	30.8
77	18.5	14.2	21.2





#63
1,2,4-Trimethylbenzene
Concen: 0.108 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031834.D
Acq: 17 Aug 2023 16:24

Tgt Ion:105 Resp: 4181

Ion	Ratio	Lower	Upper
105	100		
120	39.6	34.5	51.7