

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100824\
 Data File : VV037759.D
 Acq On : 08 Oct 2024 08:58
 Operator : SY/MD
 Sample : VV1008MBL01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 05:08:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 05:07:27 2024
 Response via : Initial Calibration

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

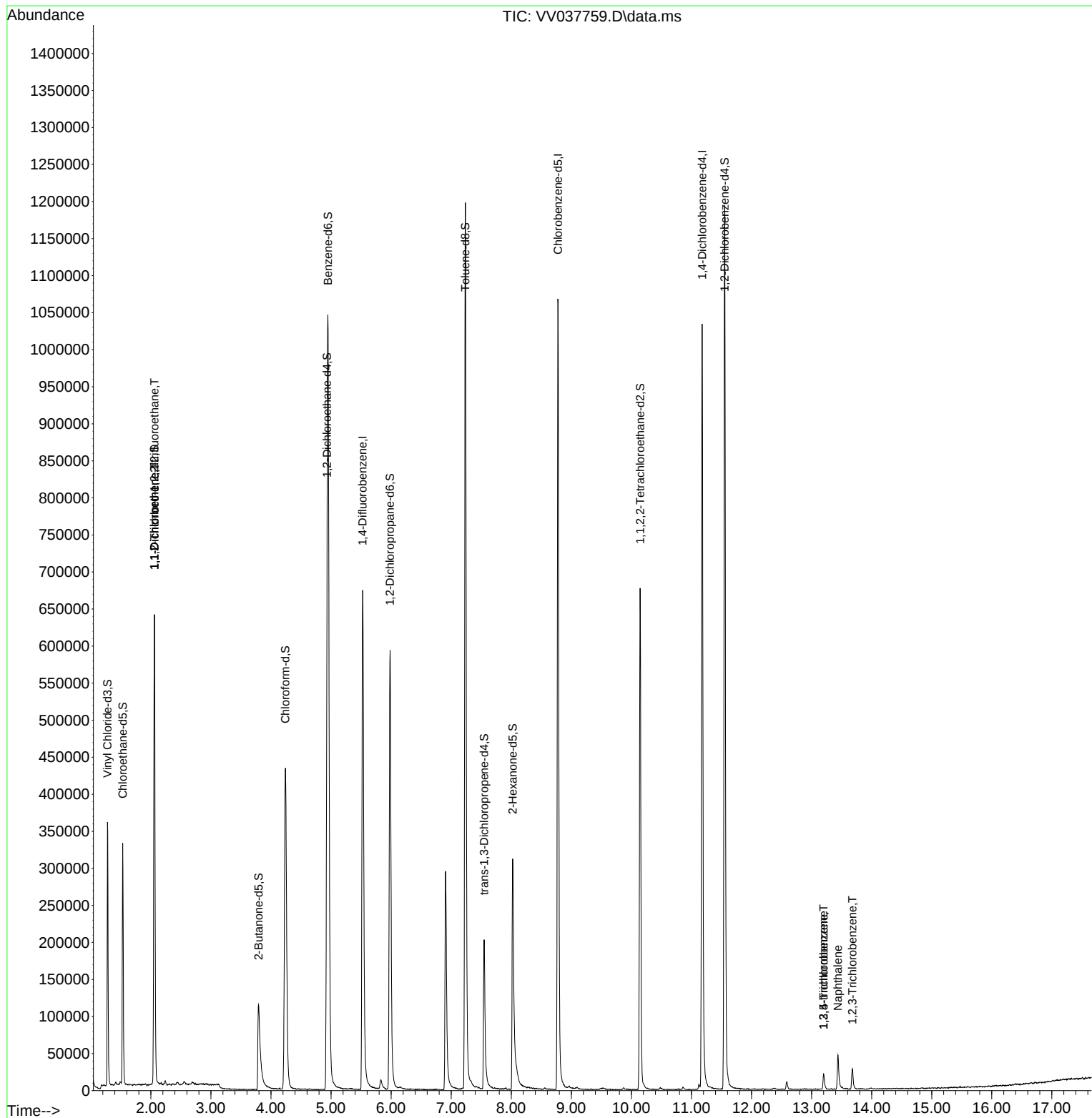
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	606374	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	593919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	279370	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	237069	44.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.080%
7) Chloroethane-d5	1.532	69	204830	49.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.140%
11) 1,1-Dichloroethene-d2	2.060	65	105801	47.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.140%
21) 2-Butanone-d5	3.793	46	183483	96.776	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.780%
24) Chloroform-d	4.239	84	474459	50.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.934	65	287242	51.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.640%
32) Benzene-d6	4.950	84	919148	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
36) 1,2-Dichloropropane-d6	5.982	67	298419	50.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.860%
41) Toluene-d8	7.236	98	802706	47.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.260%
43) trans-1,3-Dichloroprop...	7.548	79	124579	45.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.640%
47) 2-Hexanone-d5	8.024	63	102109	81.711	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.710%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	333968	48.568	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.140%
66) 1,2-Dichlorobenzene-d4	11.554	152	314994	53.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.020%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3242	0.750	ug/L #	26
12) 1,1-Dichloroethene	2.060	96	3394	0.841	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.201	180	6617	1.101	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	6617	1.186	ug/L	94
71) Naphthalene	13.438	128	42701	2.930	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	9609	1.744	ug/L	99

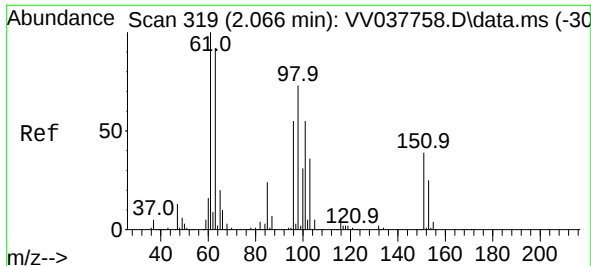
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 09 05:07:27 2024
Response via : Initial Calibration

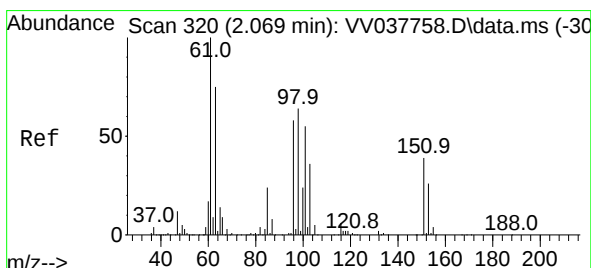
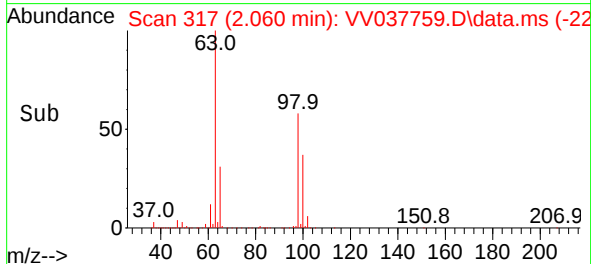
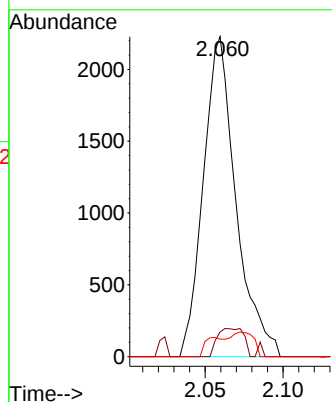
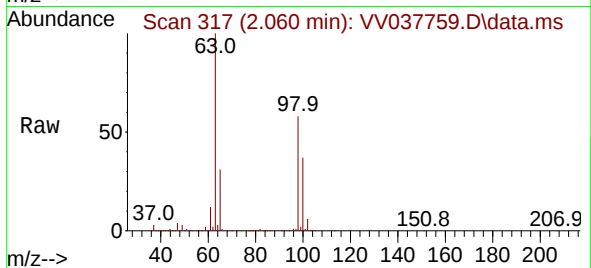




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.750 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.007 min
Lab File: VV037759.D
Acq: 08 Oct 2024 08:58

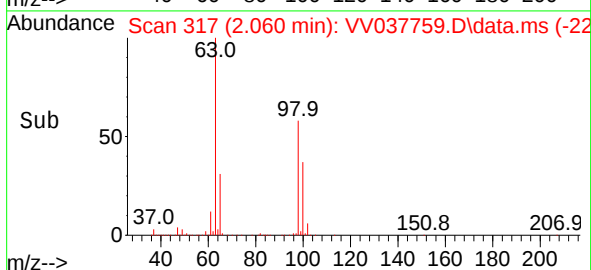
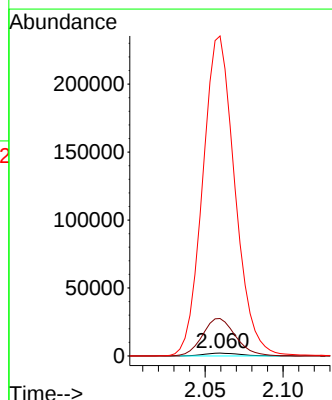
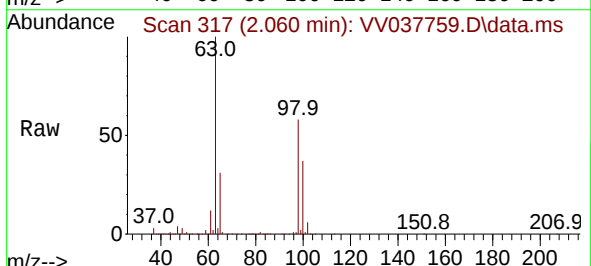
Instrument :
MSVOA_V
ClientSampleId :

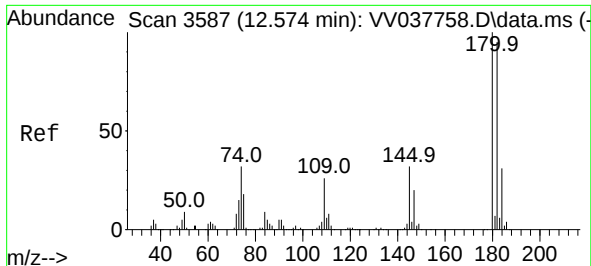
Tgt Ion:101 Resp: 3242
Ion Ratio Lower Upper
101 100
85 5.1 34.6 52.0#
151 3.7 57.5 86.3#



#12
1,1-Dichloroethene
Concen: 0.841 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV037759.D
Acq: 08 Oct 2024 08:58

Tgt Ion: 96 Resp: 3394
Ion Ratio Lower Upper
96 100
61 1331.7 122.6 227.6#
63 11380.2 118.0 219.2#





#69

1,3,5-Trichlorobenzene

Concen: 1.101 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.627 min

Lab File: VV037759.D

Acq: 08 Oct 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 6617

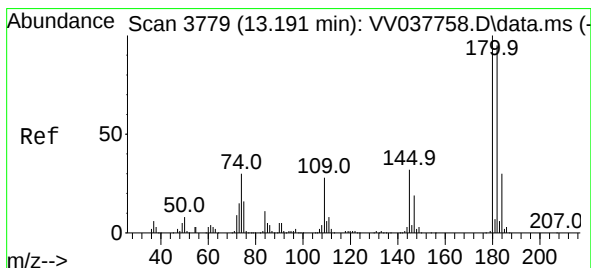
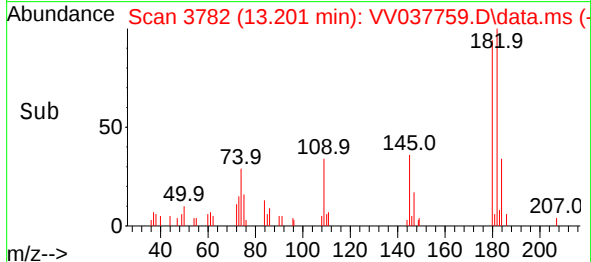
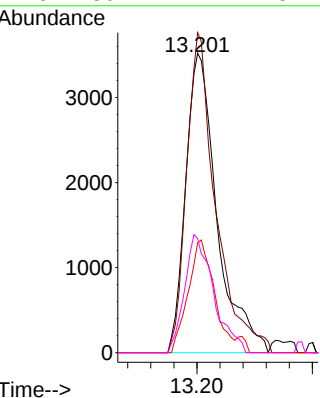
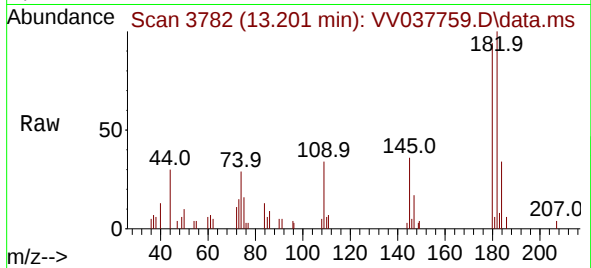
Ion Ratio Lower Upper

180 100

182 99.5 75.6 113.4

184 31.6 23.8 35.6

145 36.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 1.186 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.009 min

Lab File: VV037759.D

Acq: 08 Oct 2024 08:58

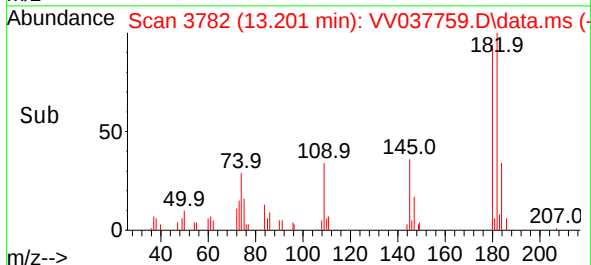
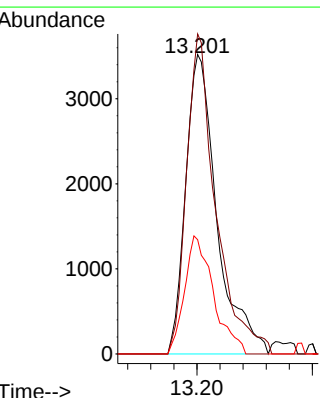
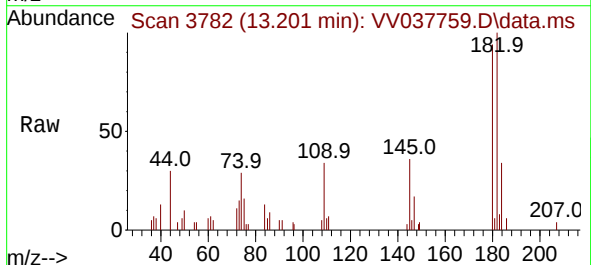
Tgt Ion:180 Resp: 6617

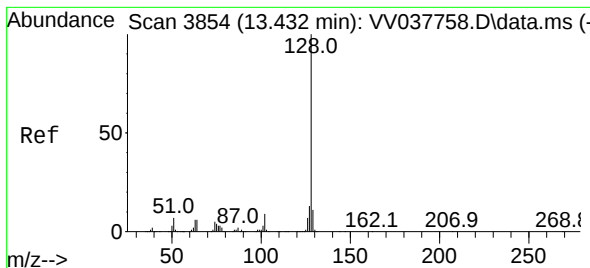
Ion Ratio Lower Upper

180 100

182 99.5 75.9 113.9

145 36.4 25.4 38.2





#71

Naphthalene

Concen: 2.930 ug/L

RT: 13.438 min Scan# 3854

Delta R.T. 0.006 min

Lab File: VV037759.D

Acq: 08 Oct 2024 08:58

Instrument :

MSVOA_V

ClientSampleId :

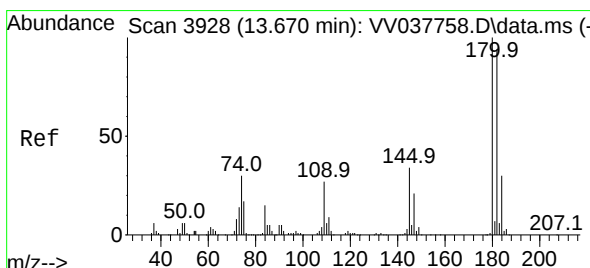
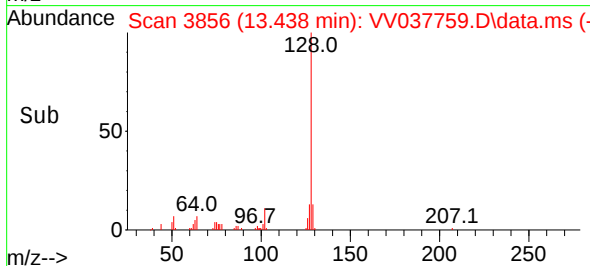
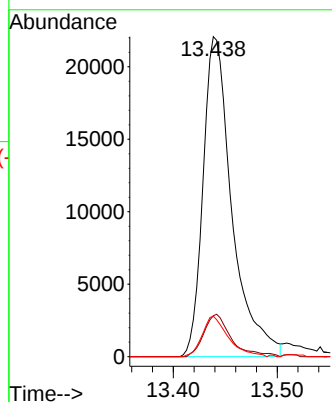
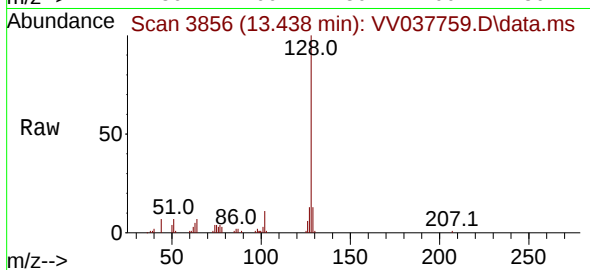
Tgt Ion:128 Resp: 42701

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 11.4 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 1.744 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.009 min

Lab File: VV037759.D

Acq: 08 Oct 2024 08:58

Tgt Ion:180 Resp: 9609

Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.8

145 32.7 26.2 39.4

