

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091625\
 Data File : VW039108.D
 Acq On : 16 Sep 2025 15:37
 Operator : SY/MD
 Sample : Q3084-02DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9D(20250909)DL

Quant Time: Sep 17 02:24:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

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

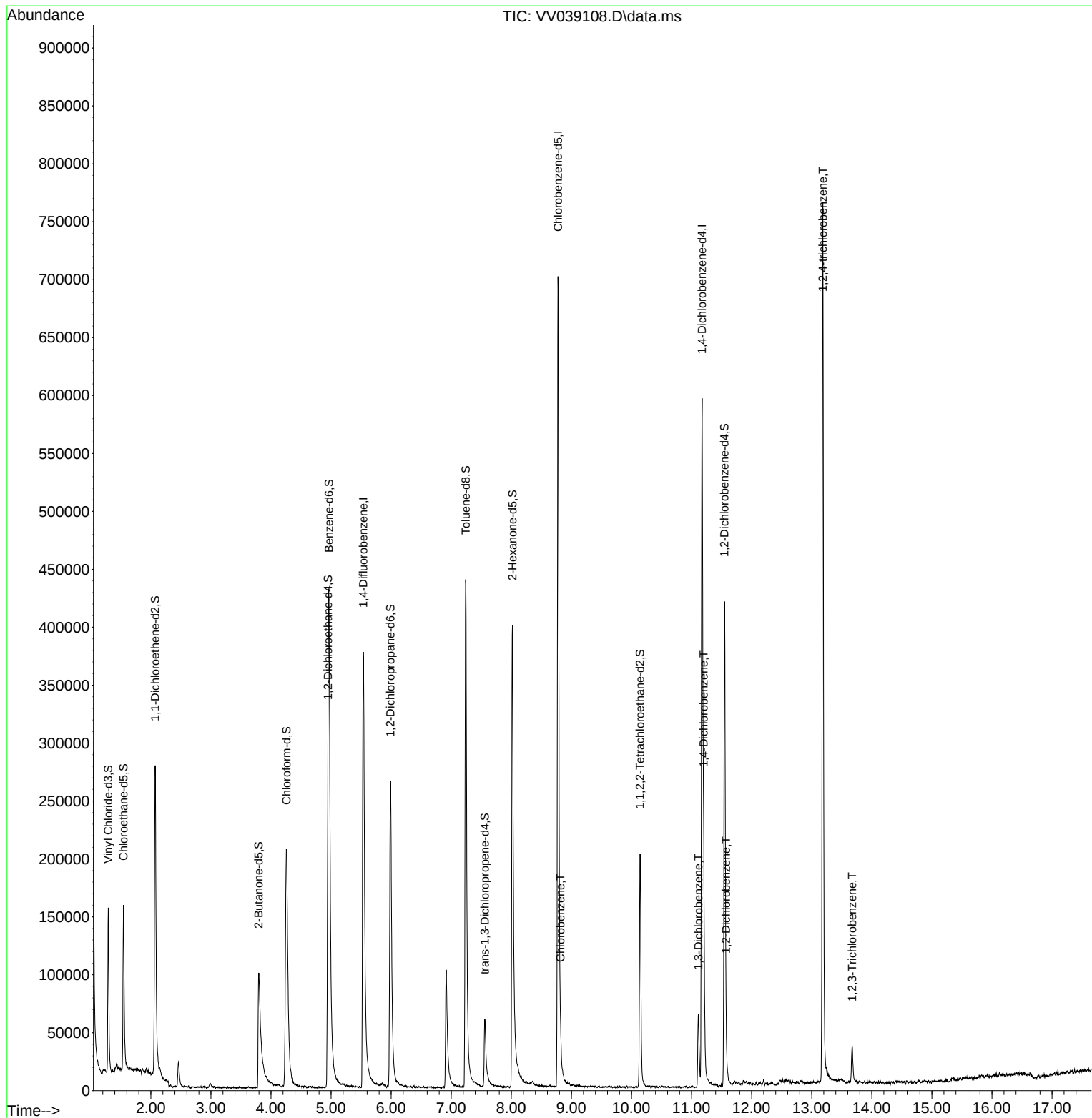
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	378698	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	404179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	150267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	118775	3.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.545	69	111746	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.073	65	55251	3.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.796	46	196737	44.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.700%
24) Chloroform-d	4.256	84	261309	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.947	65	112803	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.963	84	441481	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	5.989	67	147431	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.240	98	332946	3.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.558	79	45815	3.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.018	63	148770	38.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.020%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	104717	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.548	152	112823	4.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
51) Chlorobenzene	8.815	112	21508	0.251	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	26353	0.537	ug/L	96
65) 1,4-Dichlorobenzene	11.201	146	85333	1.682	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	6507	0.150	ug/L	95
70) 1,2,4-trichlorobenzene	13.185	180	216720	8.956	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	9974	0.462	ug/L	95

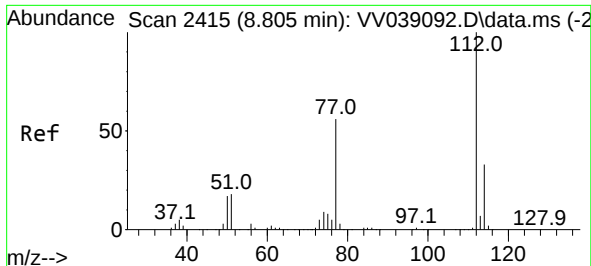
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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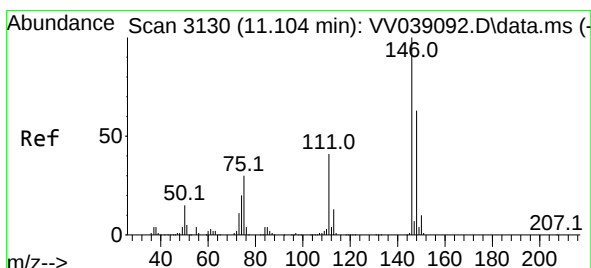
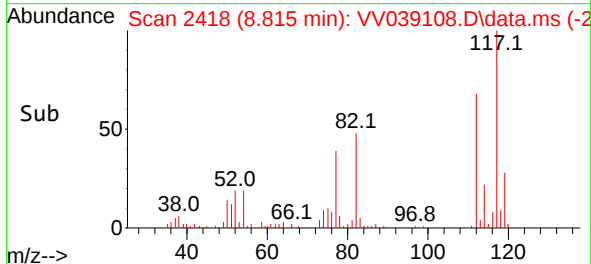
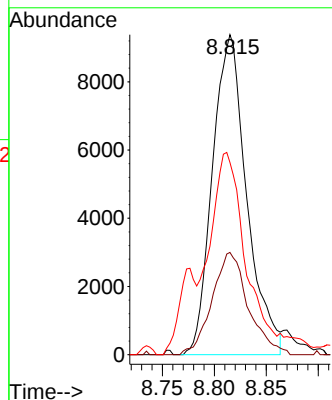
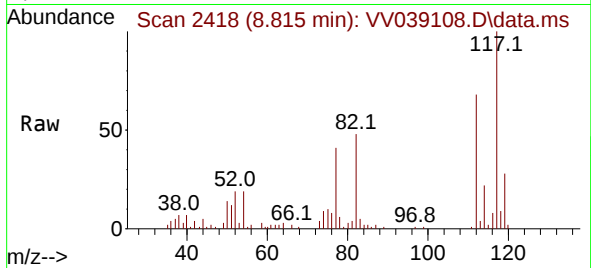




#51
Chlorobenzene
Concen: 0.251 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV039108.D
Acq: 16 Sep 2025 15:37

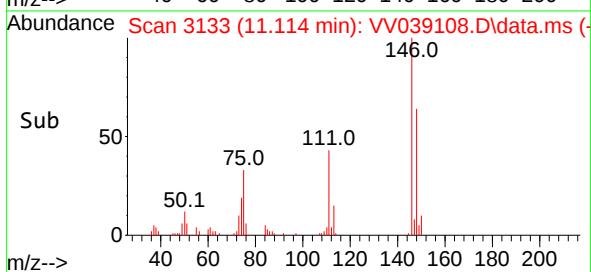
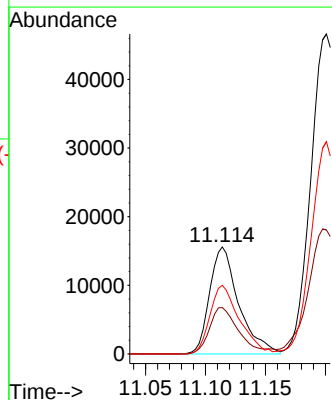
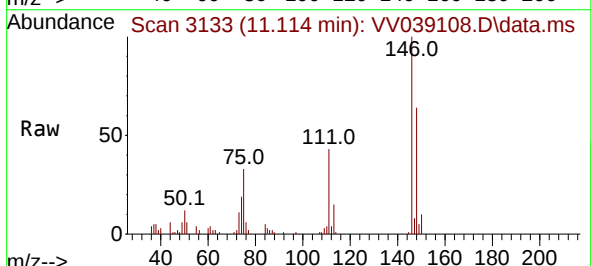
Instrument :
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ClientSampleId :
PMW-9D(20250909)DL

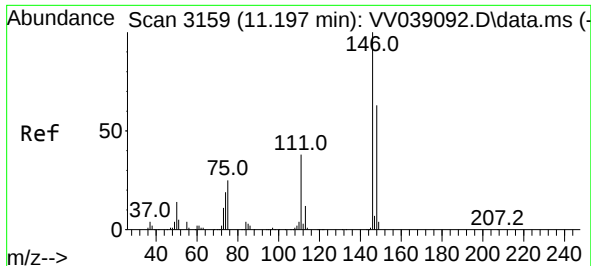
Tgt Ion:112 Resp: 21508
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 60.1 46.6 69.8



#64
1,3-Dichlorobenzene
Concen: 0.537 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV039108.D
Acq: 16 Sep 2025 15:37

Tgt Ion:146 Resp: 26353
Ion Ratio Lower Upper
146 100
111 43.3 28.3 52.7
148 64.2 42.9 79.7

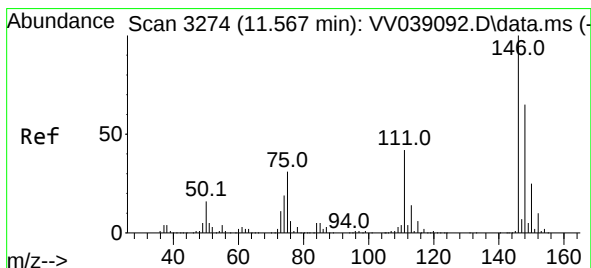
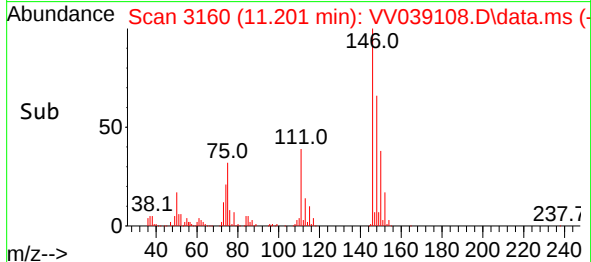
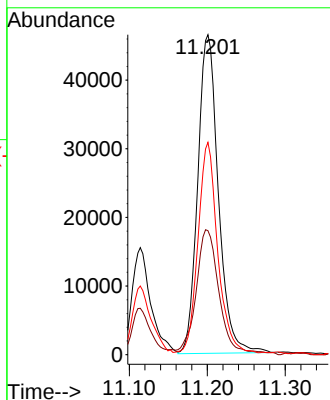
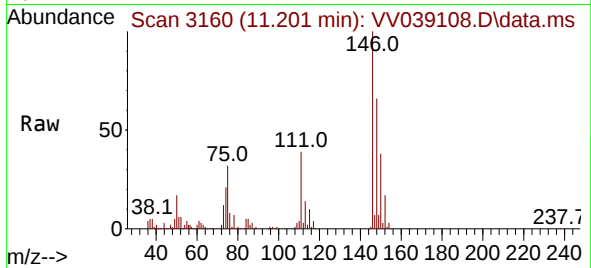




#65
1,4-Dichlorobenzene
Concen: 1.682 ug/L
RT: 11.201 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039108.D
Acq: 16 Sep 2025 15:37

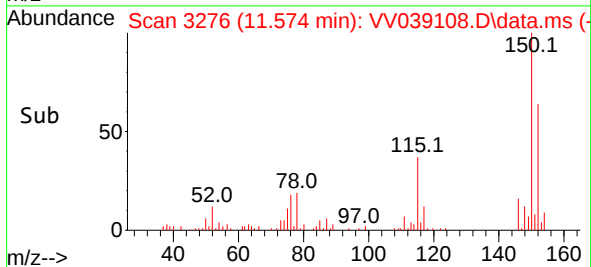
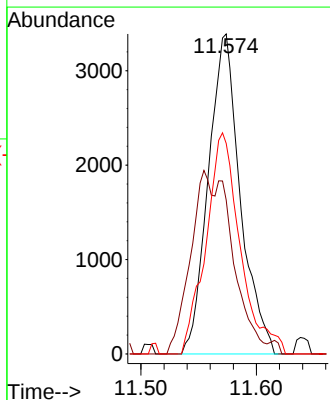
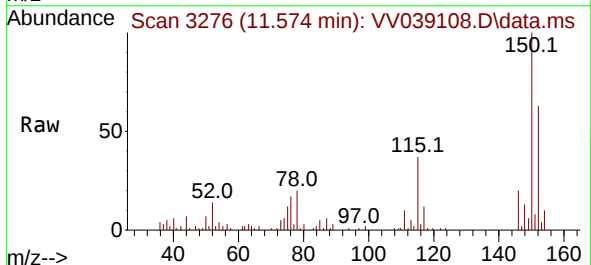
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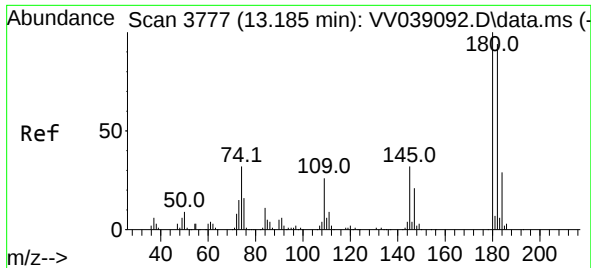
Tgt Ion:	146	Resp:	85333
Ion Ratio	Lower	Upper	
146	100		
111	38.8	27.2	50.6
148	66.3	43.8	81.4



#67
1,2-Dichlorobenzene
Concen: 0.150 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.007 min
Lab File: VV039108.D
Acq: 16 Sep 2025 15:37

Tgt Ion:	146	Resp:	6507
Ion Ratio	Lower	Upper	
146	100		
111	48.1	33.4	50.2
148	65.8	51.1	76.7

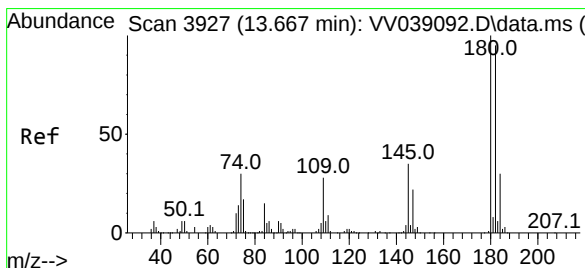
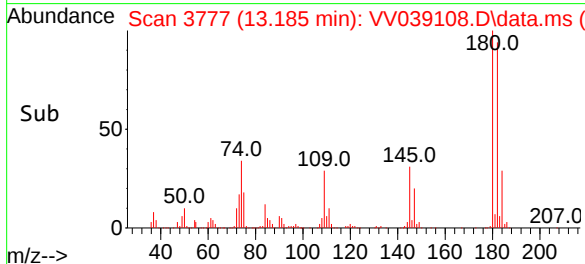
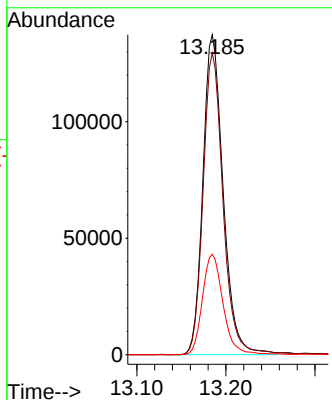
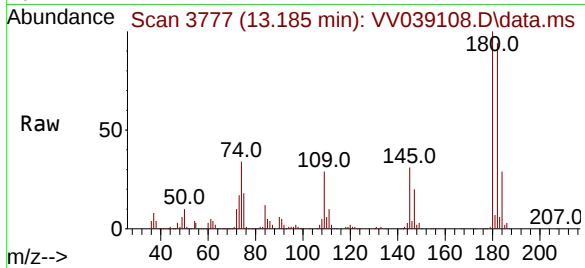




#70
1,2,4-trichlorobenzene
Concen: 8.956 ug/L
RT: 13.185 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039108.D
Acq: 16 Sep 2025 15:37

Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20250909)DL

Tgt Ion:180 Resp: 216720
Ion Ratio Lower Upper
180 100
182 93.5 73.2 109.8
145 31.9 25.0 37.4



#72
1,2,3-Trichlorobenzene
Concen: 0.462 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.007 min
Lab File: VV039108.D
Acq: 16 Sep 2025 15:37

Tgt Ion:180 Resp: 9974
Ion Ratio Lower Upper
180 100
182 89.5 76.6 115.0
145 34.4 27.4 41.2

