

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091625\
 Data File : VW039100.D
 Acq On : 16 Sep 2025 12:44
 Operator : SY/MD
 Sample : Q3084-02 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 17 02:22:23 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)

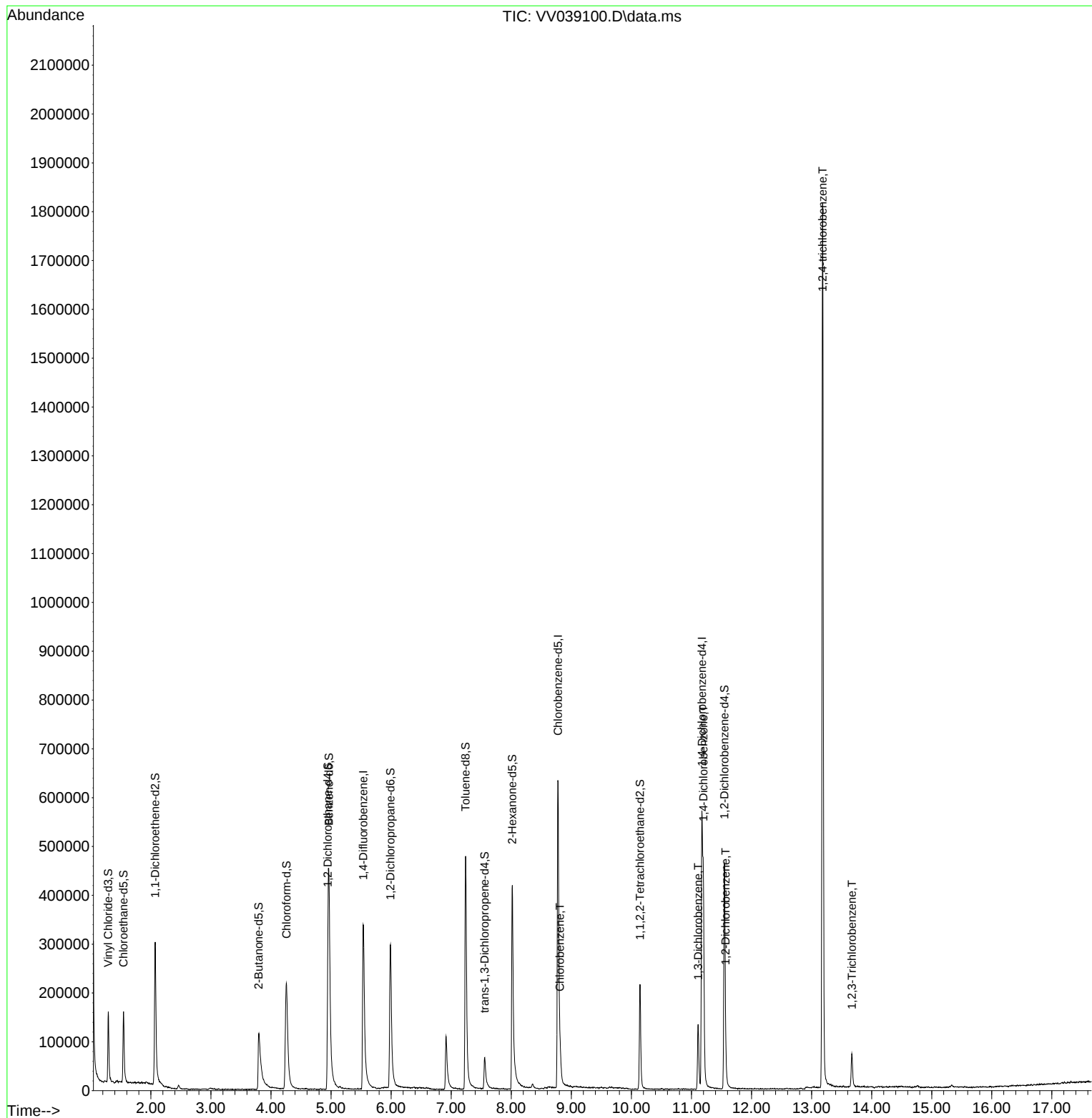
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	342787	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	355560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	137622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	120001	4.439	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.545	69	120984	5.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.072	65	59908	4.651	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	3.796	46	204256	50.867	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.740%	
24) Chloroform-d	4.256	84	266562	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	4.947	65	120024	5.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
32) Benzene-d6	4.963	84	465047	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	5.989	67	166196	5.715	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.400%	
41) Toluene-d8	7.239	98	357774	4.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.558	79	45018	4.232	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.014	63	156745	45.518	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.040%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	108525	5.227	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	11.551	152	123851	5.591	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						Qvalue
51) Chlorobenzene	8.812	112	43400	0.576	ug/L	97
64) 1,3-Dichlorobenzene	11.111	146	54478	1.213	ug/L	97
65) 1,4-Dichlorobenzene	11.197	146	167375	3.602	ug/L	97
67) 1,2-Dichlorobenzene	11.567	146	12637	0.317	ug/L	95
70) 1,2,4-trichlorobenzene	13.185	180	503610	22.724	ug/L	95
72) 1,2,3-Trichlorobenzene	13.670	180	19659	0.995	ug/L	96

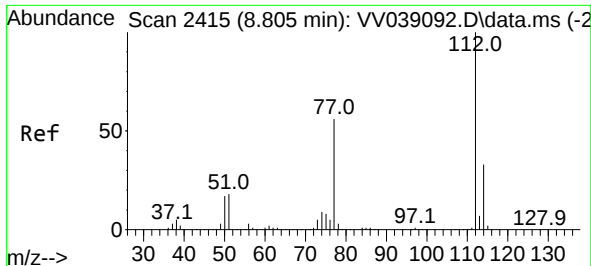
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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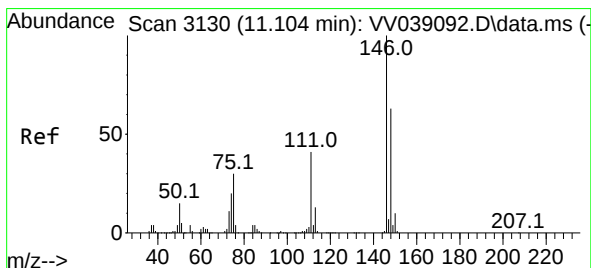
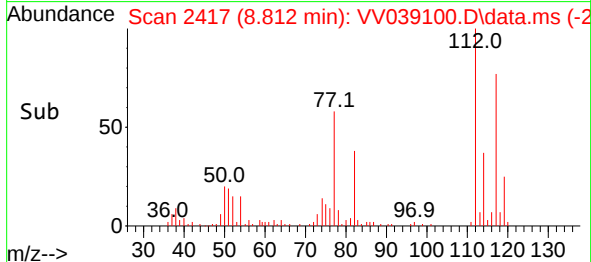
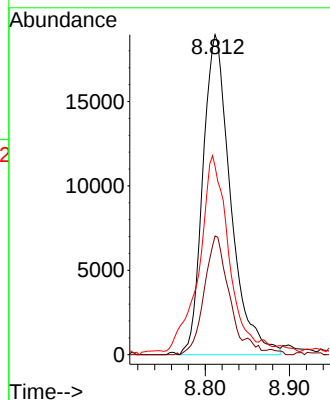
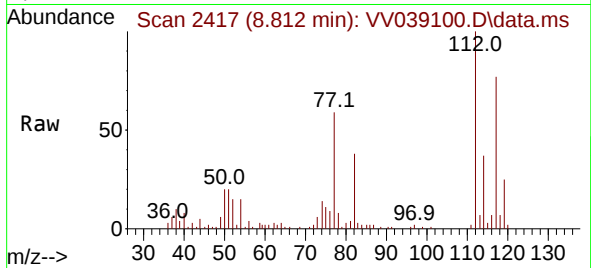




#51
Chlorobenzene
Concen: 0.576 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.006 min
Lab File: VV039100.D
Acq: 16 Sep 2025 12:44

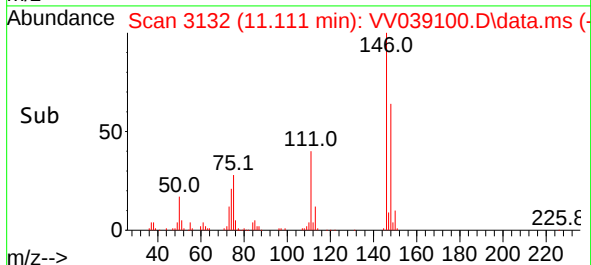
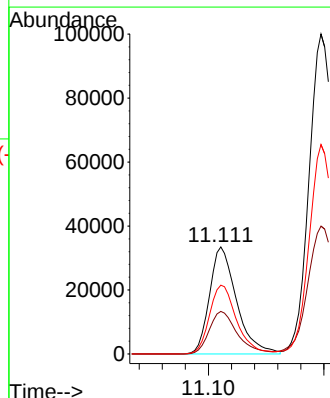
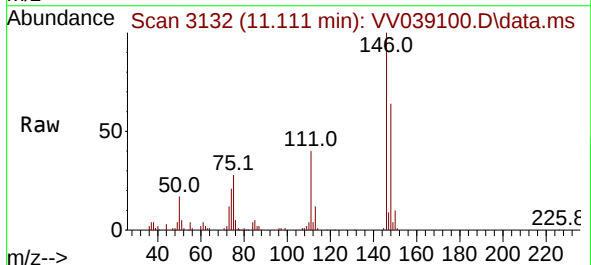
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ClientSampleId :
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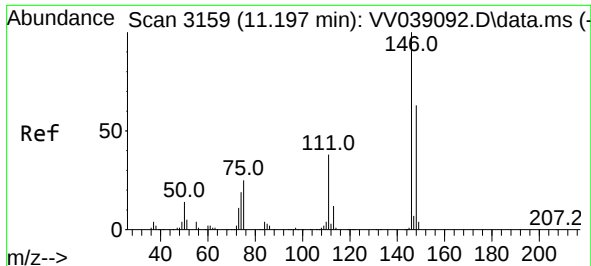
Tgt Ion:112 Resp: 43400
Ion Ratio Lower Upper
112 100
114 37.1 23.0 42.6
77 58.9 46.6 69.8



#64
1,3-Dichlorobenzene
Concen: 1.213 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.006 min
Lab File: VV039100.D
Acq: 16 Sep 2025 12:44

Tgt Ion:146 Resp: 54478
Ion Ratio Lower Upper
146 100
111 39.7 28.3 52.7
148 64.2 42.9 79.7

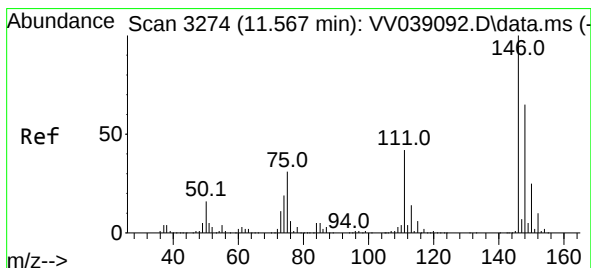
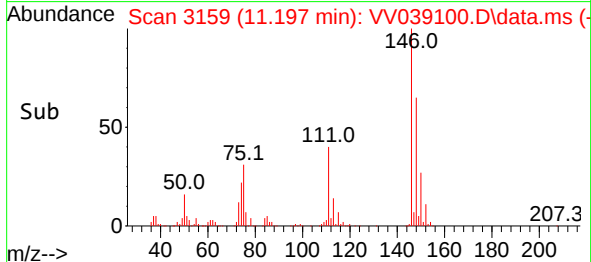
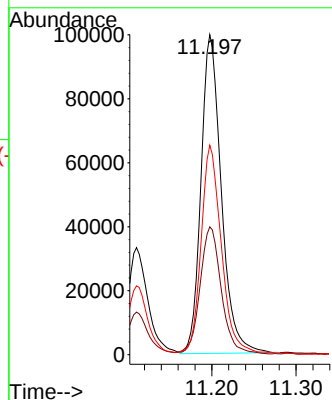
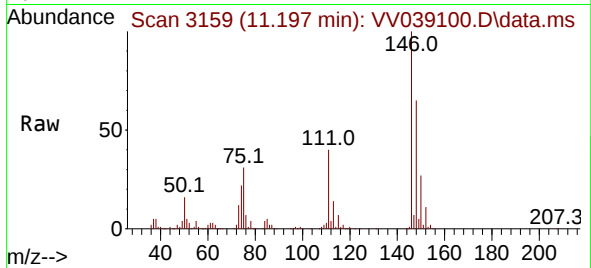




#65
1,4-Dichlorobenzene
Concen: 3.602 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV039100.D
Acq: 16 Sep 2025 12:44

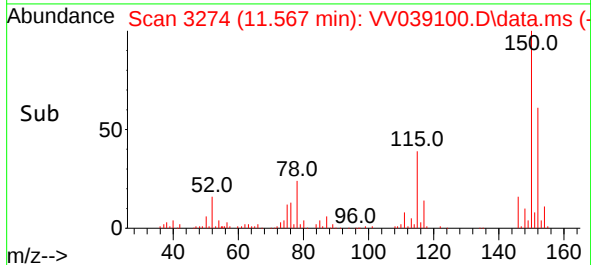
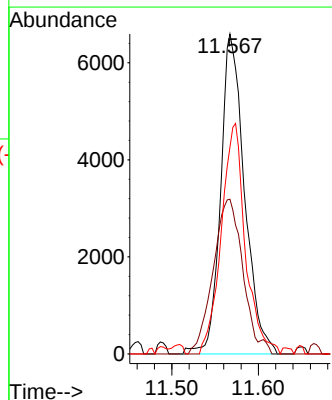
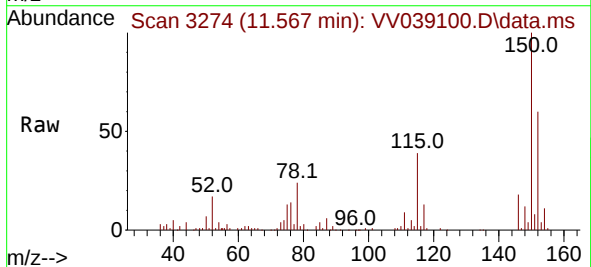
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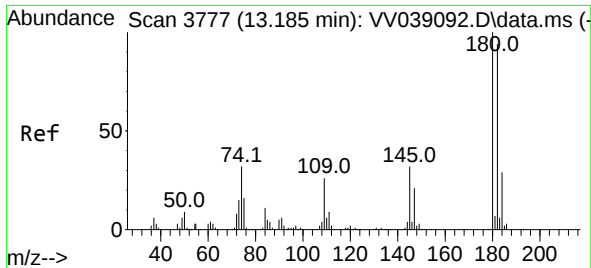
Tgt Ion:146 Resp: 167375
Ion Ratio Lower Upper
146 100
111 40.0 27.2 50.6
148 65.4 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 0.317 ug/L
RT: 11.567 min Scan# 3274
Delta R.T. -0.000 min
Lab File: VV039100.D
Acq: 16 Sep 2025 12:44

Tgt Ion:146 Resp: 12637
Ion Ratio Lower Upper
146 100
111 48.4 33.4 50.2
148 64.7 51.1 76.7

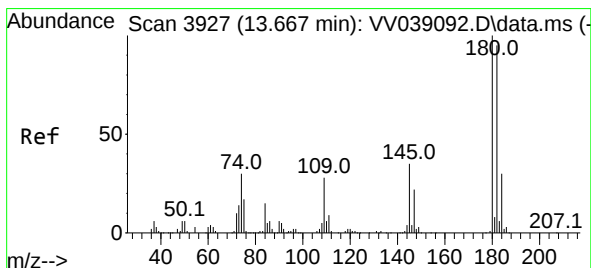
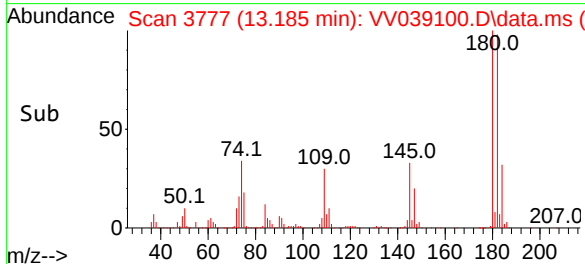
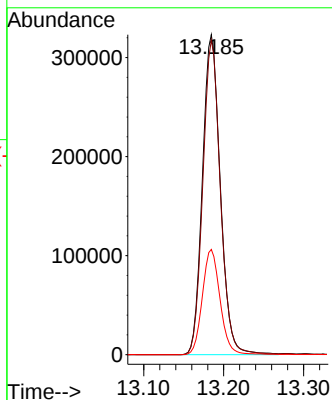
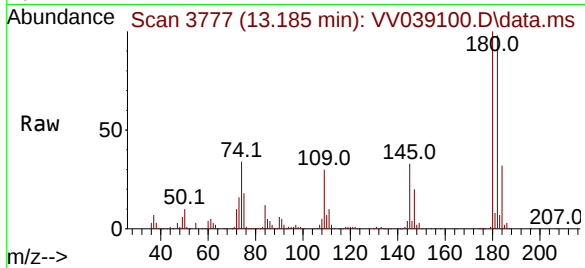




#70
1,2,4-trichlorobenzene
Concen: 22.724 ug/L
RT: 13.185 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039100.D
Acq: 16 Sep 2025 12:44

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

Tgt Ion:180 Resp: 503610
Ion Ratio Lower Upper
180 100
182 96.5 73.2 109.8
145 32.7 25.0 37.4



#72
1,2,3-Trichlorobenzene
Concen: 0.995 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.003 min
Lab File: VV039100.D
Acq: 16 Sep 2025 12:44

Tgt Ion:180 Resp: 19659
Ion Ratio Lower Upper
180 100
182 98.3 76.6 115.0
145 38.6 27.4 41.2

