

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032024\
 Data File : VW034767.D
 Acq On : 20 Mar 2024 16:56
 Operator : SY/MD
 Sample : VIBLK273
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK273

Quant Time: Mar 21 02:21:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

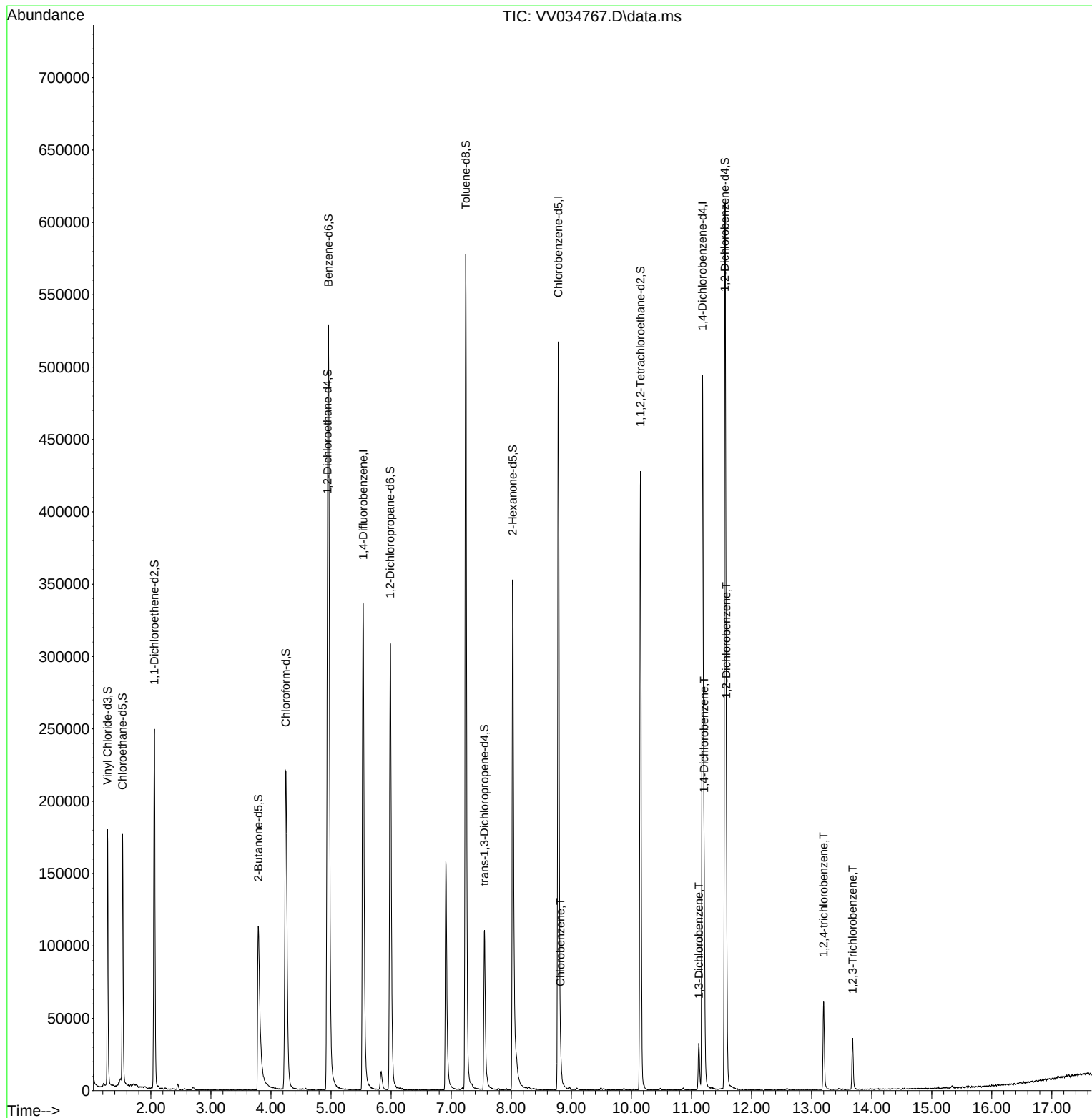
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	295060	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	280348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	123924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112783	44.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.180%
7) Chloroethane-d5	1.529	69	104399	52.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.780%
11) 1,1-Dichloroethene-d2	2.059	65	41799	36.134	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.260%
21) 2-Butanone-d5	3.789	46	196971	115.151	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.150%
24) Chloroform-d	4.246	84	238553	52.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.500%
26) 1,2-Dichloroethane-d4	4.940	65	169148	57.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.460%
32) Benzene-d6	4.956	84	457900	54.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.240%
36) 1,2-Dichloropropane-d6	5.985	67	147989	57.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.620%
41) Toluene-d8	7.243	98	384843	50.262	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	7.554	79	66829	51.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.080%
47) 2-Hexanone-d5	8.024	63	121970	94.594	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.590%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	199256	58.639	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.280%
66) 1,2-Dichlorobenzene-d4	11.557	152	147028	58.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.080%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.818	112	11238	1.888	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	14152	3.492	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	60455	14.691	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	62985	15.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	18803	6.874	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	11524	4.318	ug/L	97

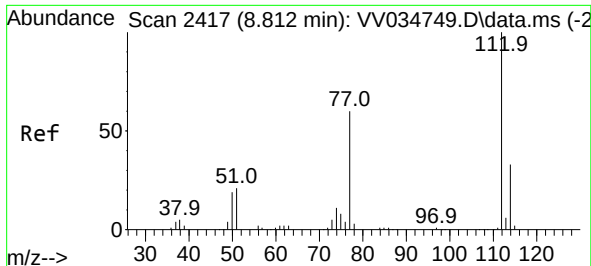
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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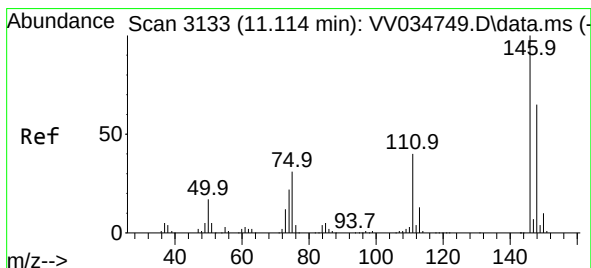
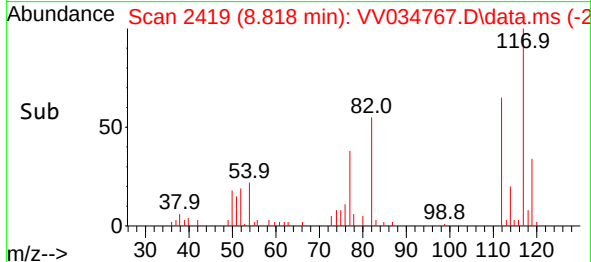
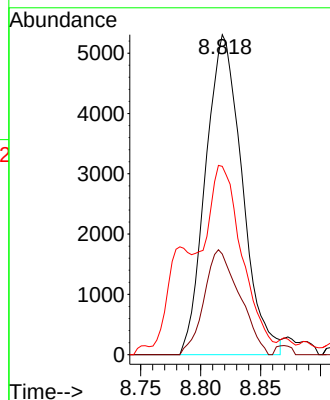
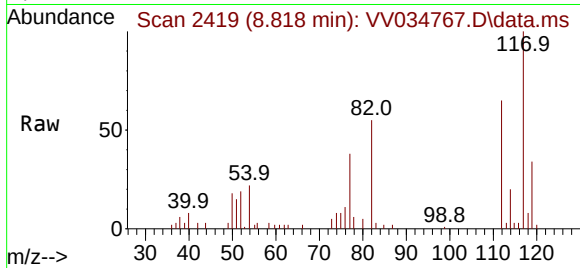




#51
Chlorobenzene
Concen: 1.888 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV034767.D
Acq: 20 Mar 2024 16:56

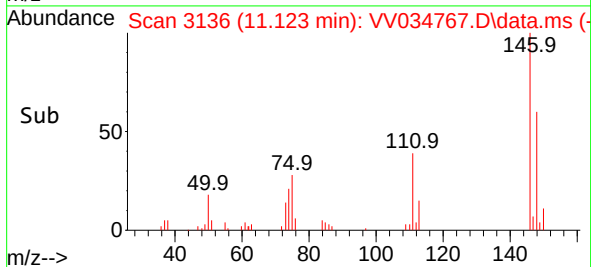
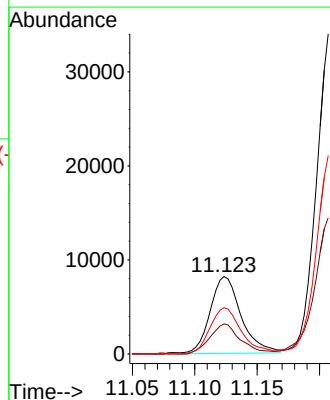
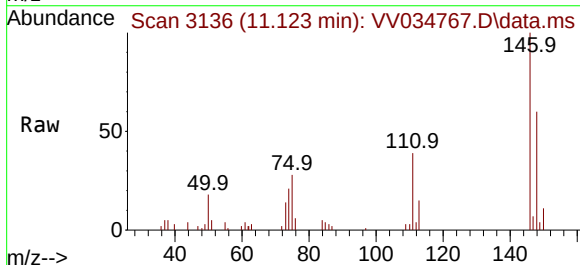
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MSVOA_V
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VIBLK273

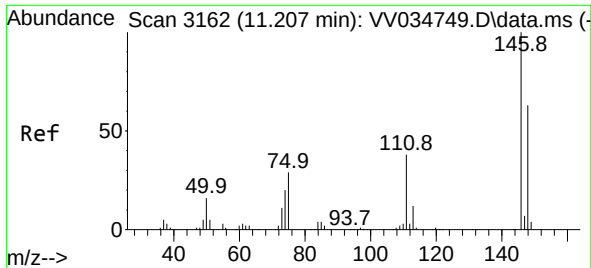
Tgt Ion:112 Resp: 11238
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 58.8 47.7 71.5



#64
1,3-Dichlorobenzene
Concen: 3.492 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV034767.D
Acq: 20 Mar 2024 16:56

Tgt Ion:146 Resp: 14152
Ion Ratio Lower Upper
146 100
111 38.9 27.9 51.7
148 59.8 44.2 82.0

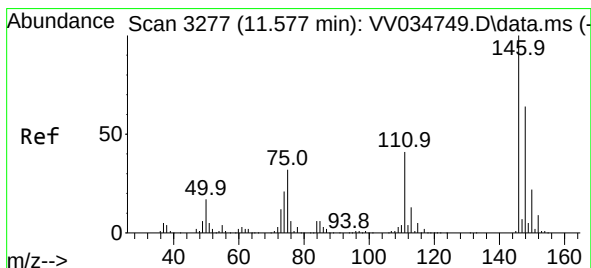
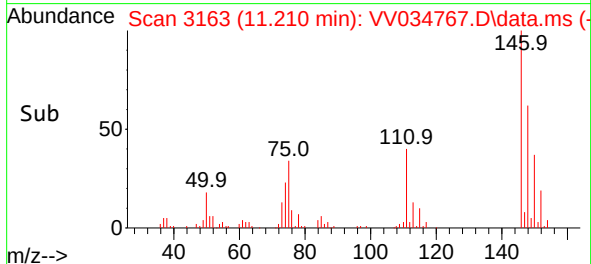
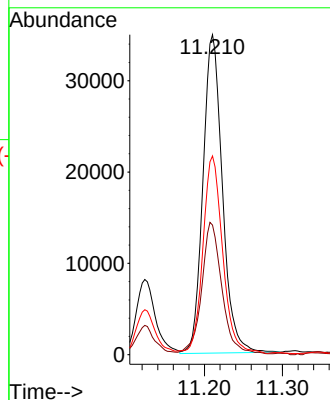
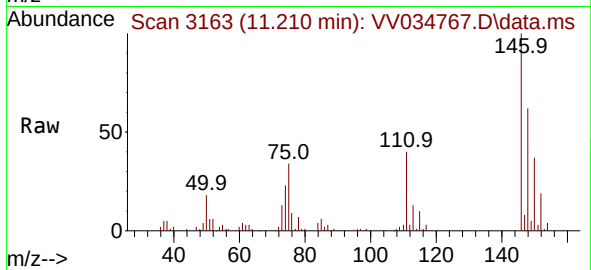




#65
 1,4-Dichlorobenzene
 Concen: 14.691 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VV034767.D
 Acq: 20 Mar 2024 16:56

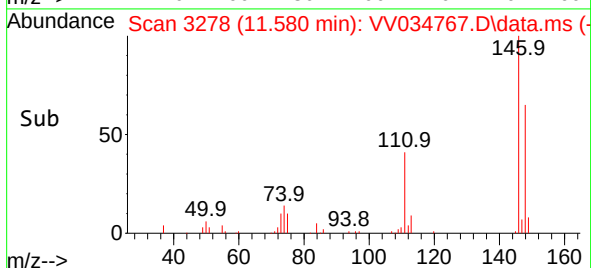
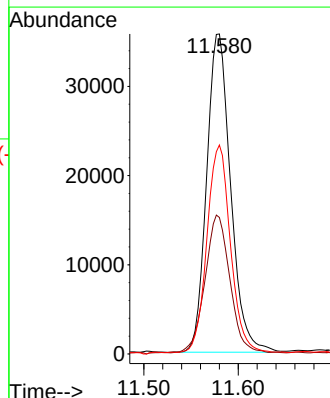
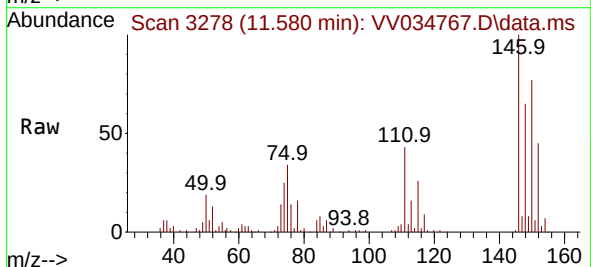
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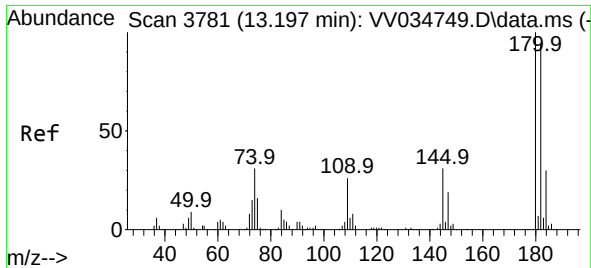
Tgt Ion:146 Resp: 60455
 Ion Ratio Lower Upper
 146 100
 111 40.5 26.5 49.1
 148 62.1 44.0 81.8



#67
 1,2-Dichlorobenzene
 Concen: 15.511 ug/L
 RT: 11.580 min Scan# 3278
 Delta R.T. 0.003 min
 Lab File: VV034767.D
 Acq: 20 Mar 2024 16:56

Tgt Ion:146 Resp: 62985
 Ion Ratio Lower Upper
 146 100
 111 42.6 33.8 50.8
 148 65.3 51.3 76.9

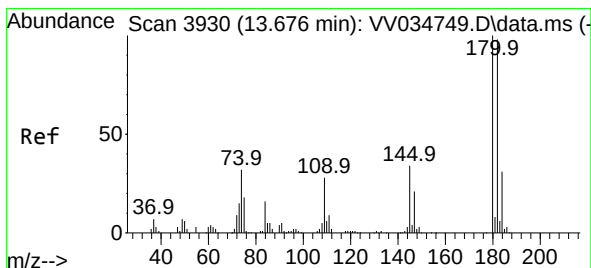
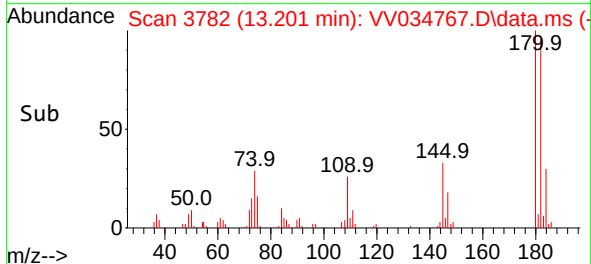
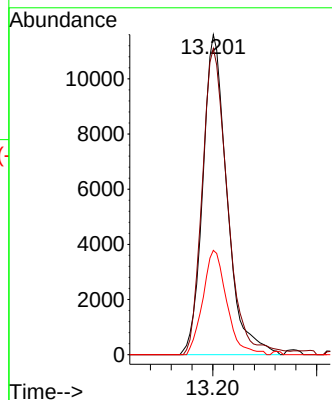
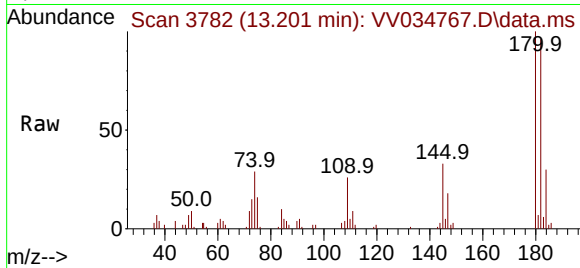




#70
1,2,4-trichlorobenzene
Concen: 6.874 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034767.D
Acq: 20 Mar 2024 16:56

Instrument :
MSVOA_V
ClientSampleId :
VIBLK273

Tgt Ion:180 Resp: 18803
Ion Ratio Lower Upper
180 100
182 97.4 74.8 112.2
145 31.9 24.2 36.4



#72
1,2,3-Trichlorobenzene
Concen: 4.318 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV034767.D
Acq: 20 Mar 2024 16:56

Tgt Ion:180 Resp: 11524
Ion Ratio Lower Upper
180 100
182 91.1 75.9 113.9
145 31.5 25.5 38.3

