

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034795.D
 Acq On : 21 Mar 2024 17:57
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:05:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

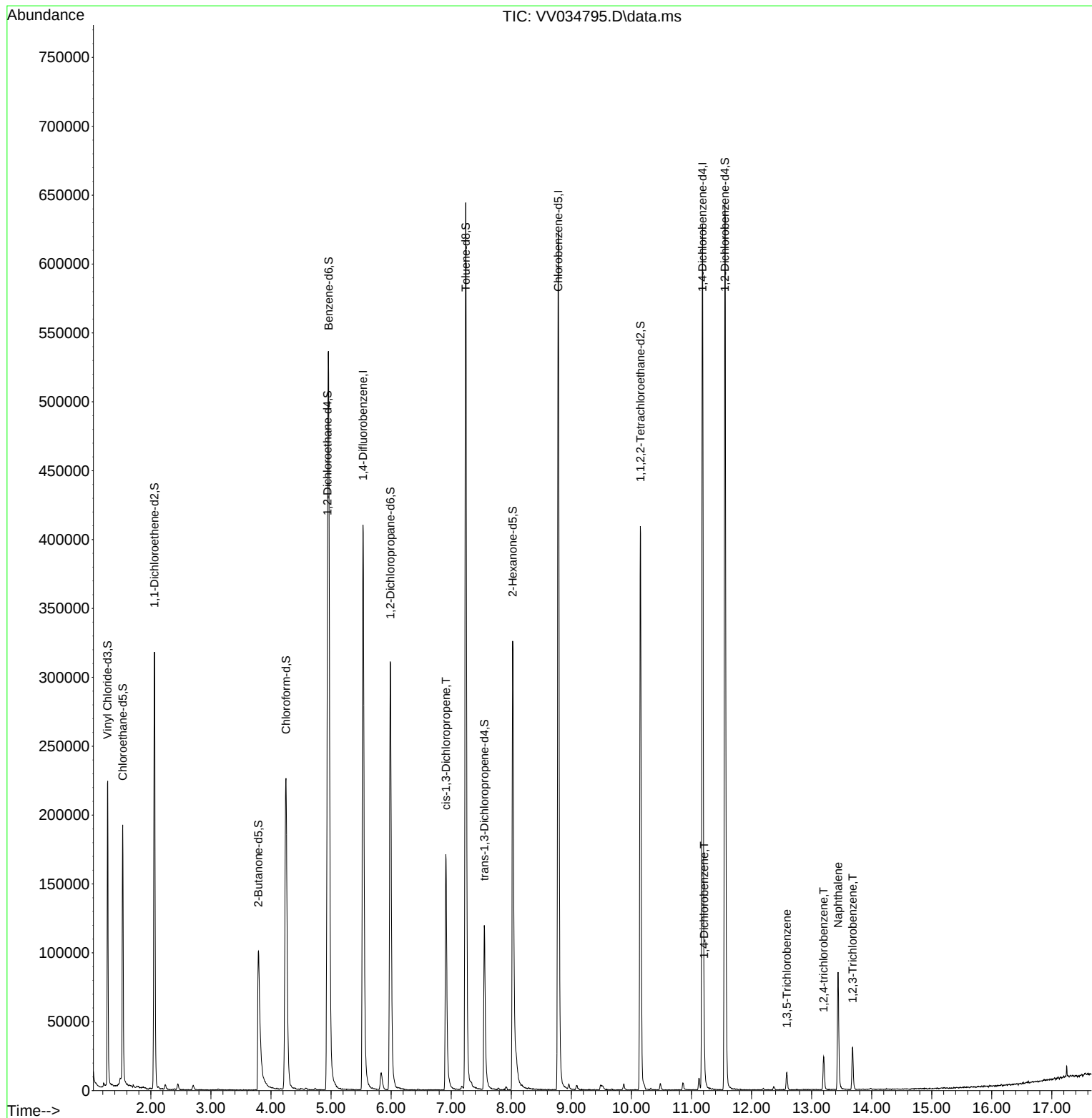
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	355513	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	334347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	141733	45.988	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.980%
7) Chloroethane-d5	1.532	69	113977	47.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.940%
11) 1,1-Dichloroethene-d2	2.060	65	50901	36.520	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.040%
21) 2-Butanone-d5	3.789	46	180901	87.773	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.770%
24) Chloroform-d	4.249	84	244758	44.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	4.940	65	166700	46.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
32) Benzene-d6	4.960	84	480047	47.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
36) 1,2-Dichloropropane-d6	5.989	67	147661	47.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.900%
41) Toluene-d8	7.243	98	428168	46.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.780%
43) trans-1,3-Dichloroprop...	7.551	79	70747	45.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.500%
47) 2-Hexanone-d5	8.024	63	113864	74.045	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.050%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190834	47.090	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.180%
66) 1,2-Dichlorobenzene-d4	11.558	152	161586	48.713	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.911	75	4923	1.118	ug/L	# 74
65) 1,4-Dichlorobenzene	11.210	146	5693	1.056	ug/L	94
69) 1,3,5-Trichlorobenzene	12.586	180	4522	1.136	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	7986	2.229	ug/L	96
71) Naphthalene	13.442	128	69799	7.284	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	9090	2.601	ug/L	97

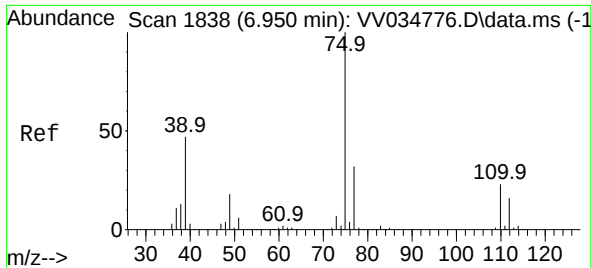
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 01:59:49 2024
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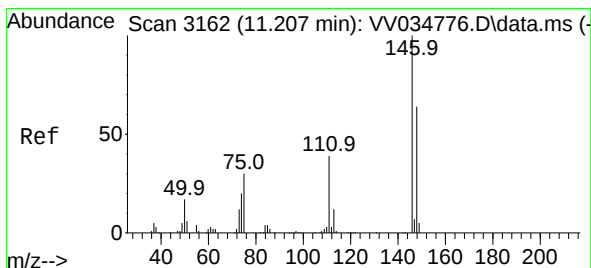
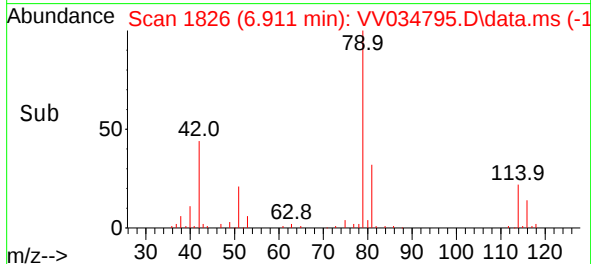
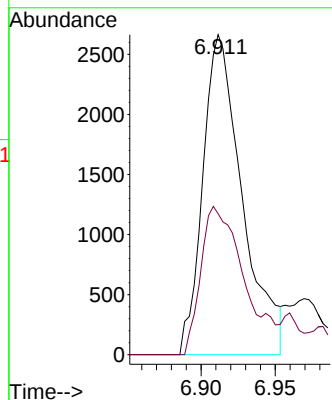
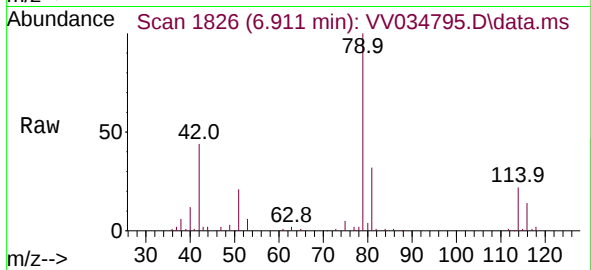




#39
 cis-1,3-Dichloropropene
 Concen: 1.118 ug/L
 RT: 6.911 min Scan# 1826
 Delta R.T. -0.038 min
 Lab File: VV034795.D
 Acq: 21 Mar 2024 17:57

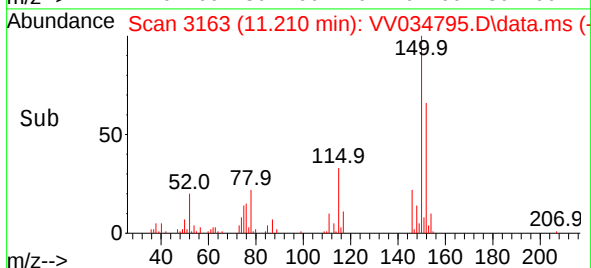
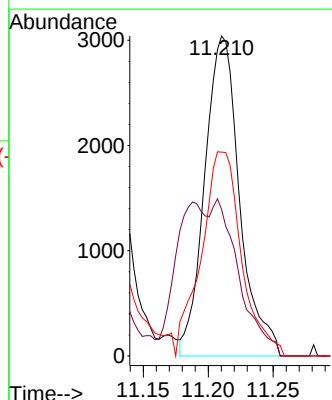
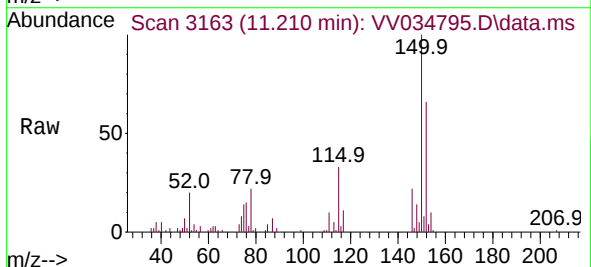
Instrument :
 MSVOA_V
 ClientSampleId :

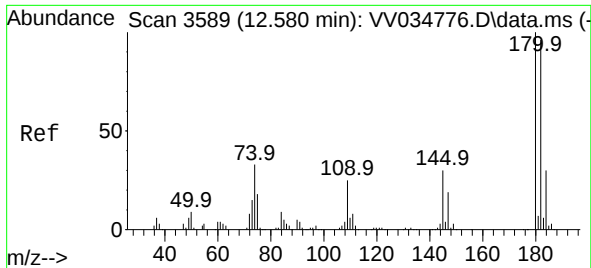
Tgt Ion: 75 Resp: 4923
 Ion Ratio Lower Upper
 75 100
 77 44.0 20.9 38.9#



#65
 1,4-Dichlorobenzene
 Concen: 1.056 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VV034795.D
 Acq: 21 Mar 2024 17:57

Tgt Ion:146 Resp: 5693
 Ion Ratio Lower Upper
 146 100
 111 45.7 26.5 49.1
 148 63.7 44.0 81.8





#69

1,3,5-Trichlorobenzene

Concen: 1.136 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.007 min

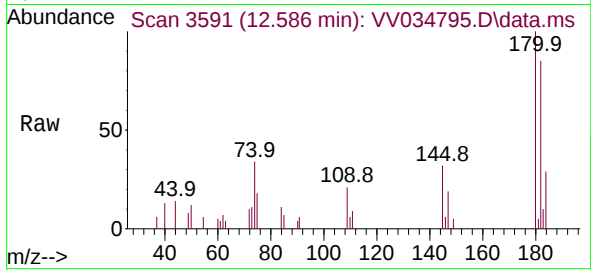
Lab File: VV034795.D

Acq: 21 Mar 2024 17:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4522

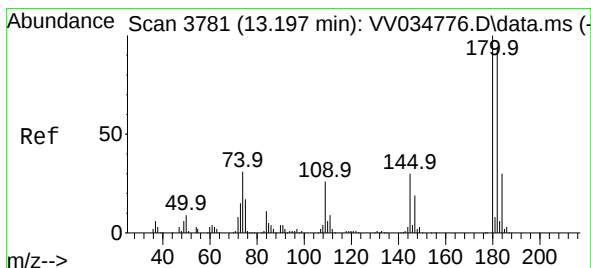
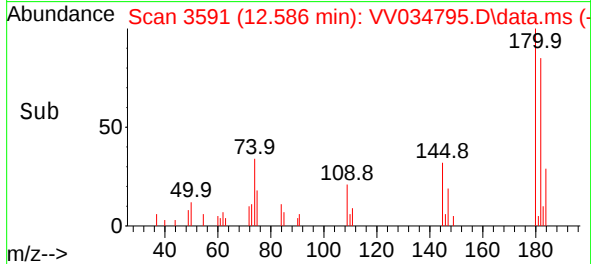
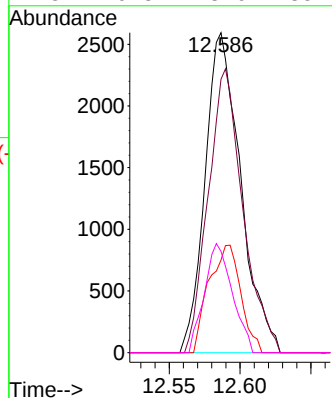
Ion Ratio Lower Upper

180 100

182 86.2 74.6 112.0

184 30.1 23.6 35.4

145 26.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.229 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034795.D

Acq: 21 Mar 2024 17:57

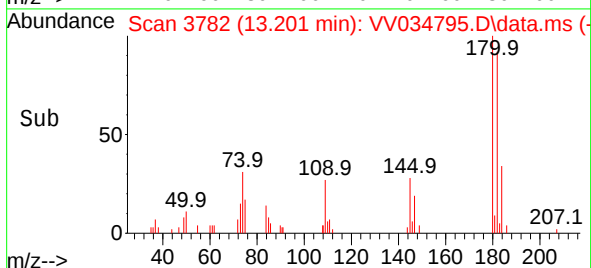
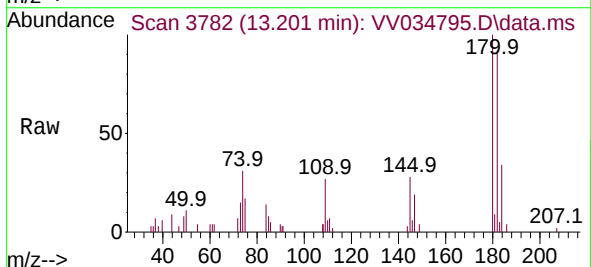
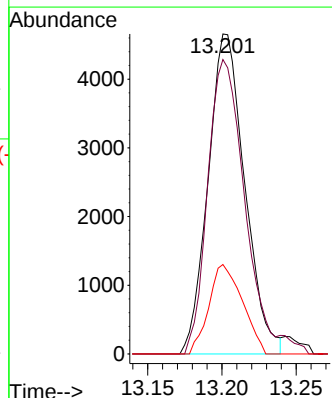
Tgt Ion:180 Resp: 7986

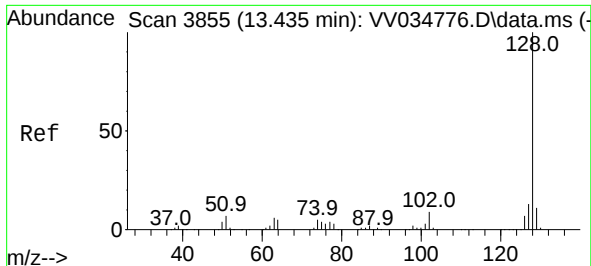
Ion Ratio Lower Upper

180 100

182 91.5 74.8 112.2

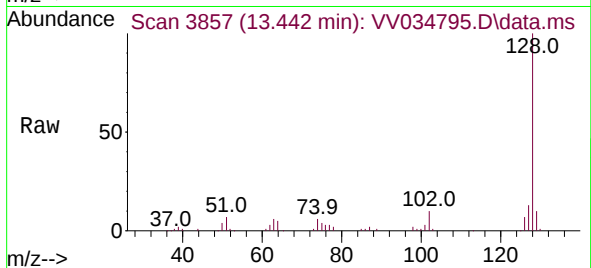
145 25.6 24.2 36.4



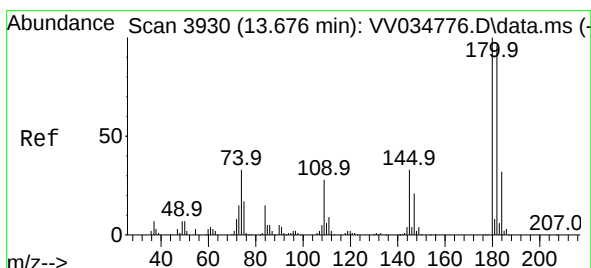
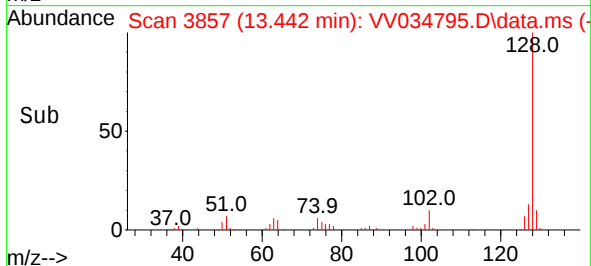
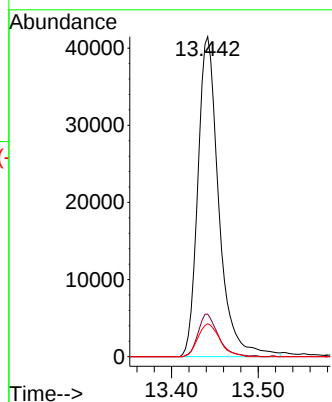


#71
Naphthalene
Concen: 7.284 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.007 min
Lab File: VV034795.D
Acq: 21 Mar 2024 17:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 69799
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.601 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.007 min
Lab File: VV034795.D
Acq: 21 Mar 2024 17:57

Tgt Ion:180 Resp: 9090
Ion Ratio Lower Upper
180 100
182 98.3 75.9 113.9
145 32.5 25.5 38.3

