

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030677.D
 Acq On : 19 Apr 2023 20:05
 Operator : SY/MD
 Sample : 02334-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

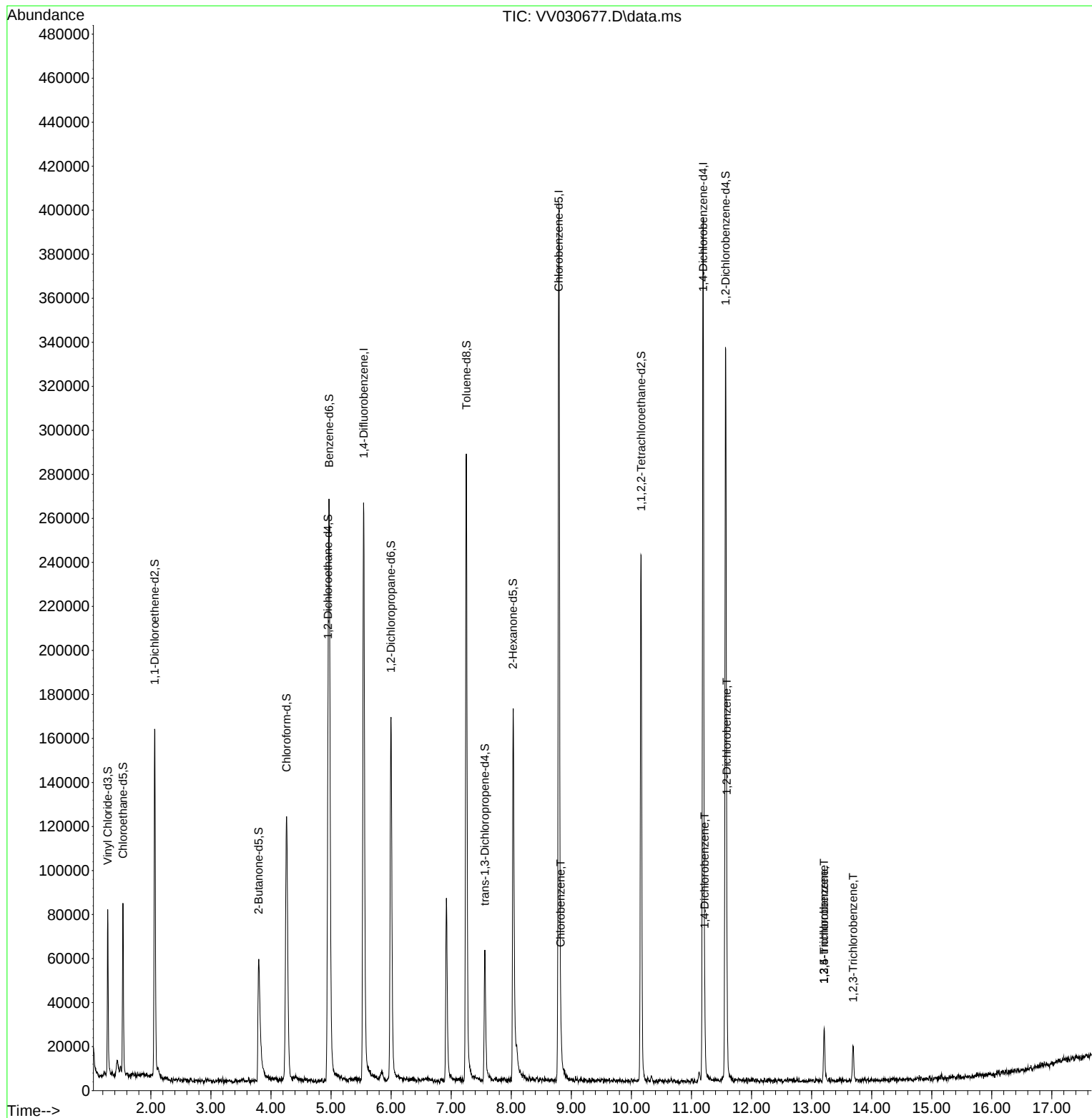
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	222652	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	213597	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	49502	30.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.660%
7) Chloroethane-d5	1.536	69	47136	34.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.920%#
11) 1,1-Dichloroethene-d2	2.063	65	26872	34.716	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.440%
21) 2-Butanone-d5	3.796	46	93532	104.329	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.330%
24) Chloroform-d	4.259	84	123663	41.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.620%
26) 1,2-Dichloroethane-d4	4.950	65	87844	46.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
32) Benzene-d6	4.970	84	215319	42.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.280%
36) 1,2-Dichloropropane-d6	5.998	67	73756	47.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.040%
41) Toluene-d8	7.252	98	186344	39.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.600%#
43) trans-1,3-Dichloroprop...	7.561	79	33754	42.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.380%
47) 2-Hexanone-d5	8.031	63	56567	91.538	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.540%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	107487	47.222	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	11.571	152	84278	51.842	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.822	112	6567	1.427	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	8741	2.596	ug/L	90
67) 1,2-Dichlorobenzene	11.587	146	8890	2.759	ug/L	98
69) 1,3,5-Trichlorobenzene	13.210	180	7389	3.063	ug/L	97
70) 1,2,4-trichlorobenzene	13.210	180	7389	3.607	ug/L	98
72) 1,2,3-Trichlorobenzene	13.693	180	4592	2.261	ug/L	96

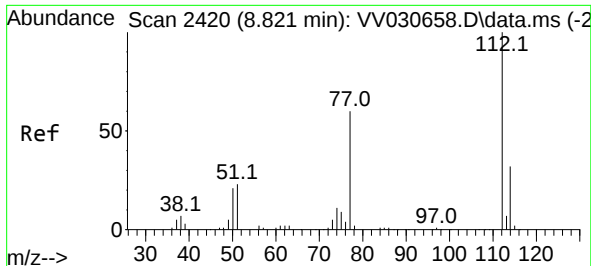
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 1.427 ug/L

RT: 8.822 min Scan# 24

Delta R.T. 0.000 min

Lab File: VV030677.D

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MSVOA_V

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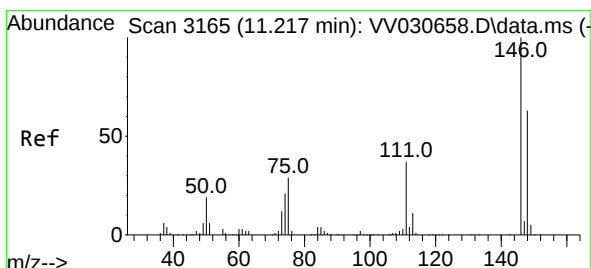
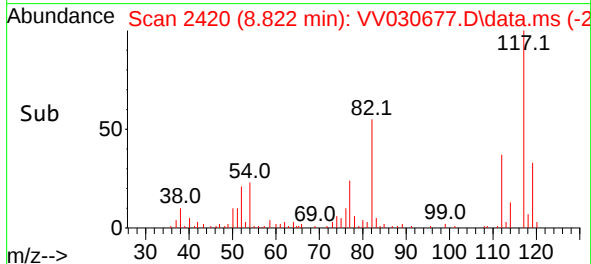
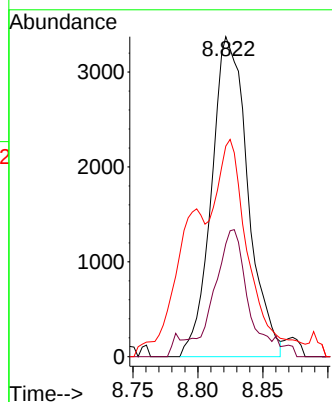
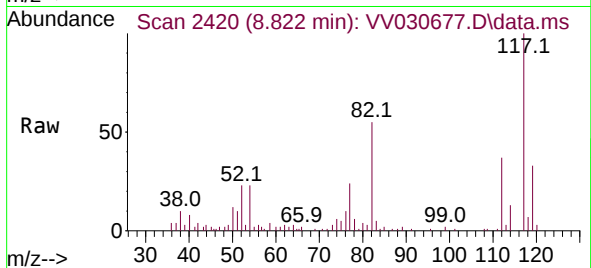
Tgt Ion:112 Resp: 6567

Ion Ratio Lower Upper

112 100

114 35.3 22.4 41.6

77 65.8 47.4 71.0



#65

1,4-Dichlorobenzene

Concen: 2.596 ug/L

RT: 11.220 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VV030677.D

Acq: 19 Apr 2023 20:05

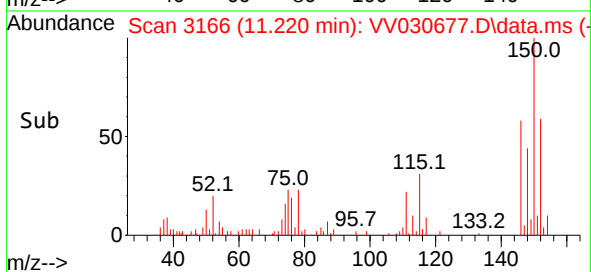
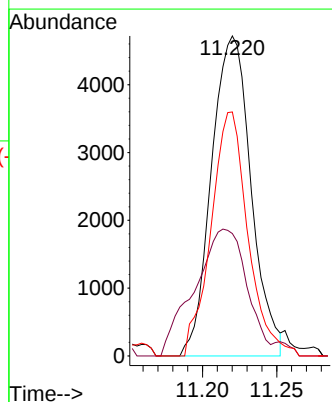
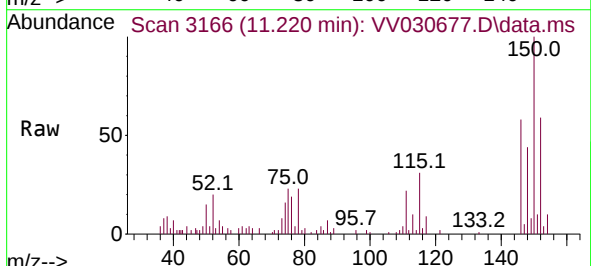
Tgt Ion:146 Resp: 8741

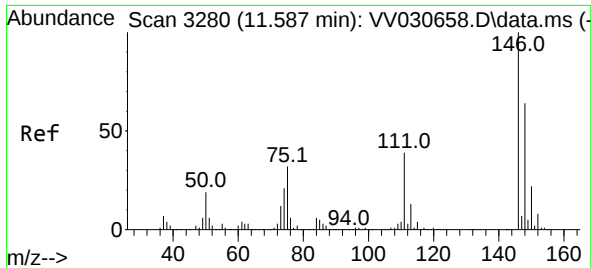
Ion Ratio Lower Upper

146 100

111 38.2 26.5 49.1

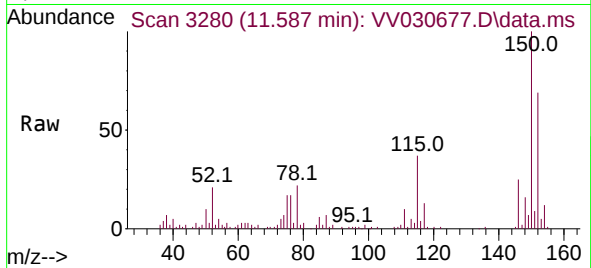
148 76.2 44.7 83.1



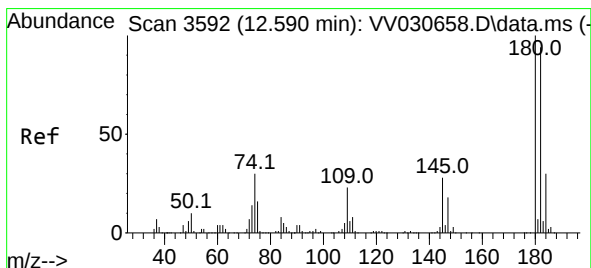
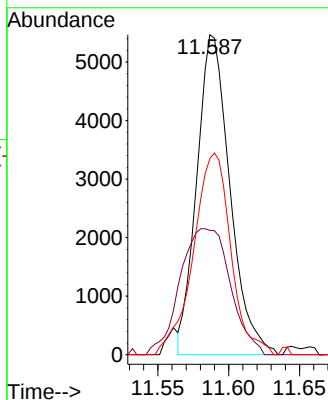
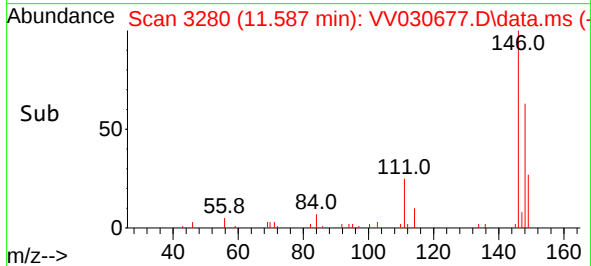


#67
1,2-Dichlorobenzene
Concen: 2.759 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030677.D
Acq: 19 Apr 2023 20:05

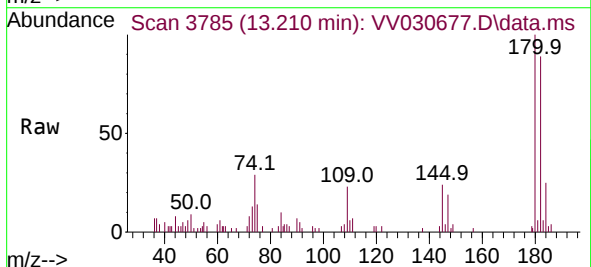
Instrument :
MSVOA_V
ClientSampleId :



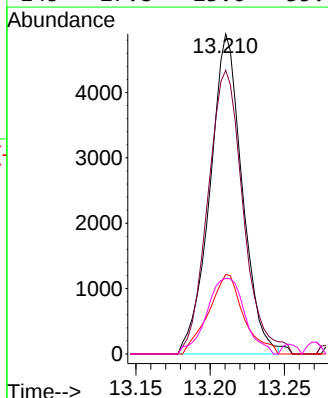
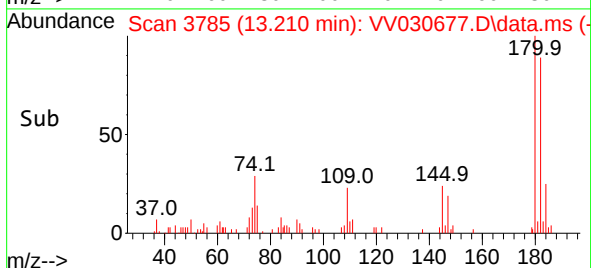
Tgt Ion:146 Resp: 8890
Ion Ratio Lower Upper
146 100
111 38.9 32.0 48.0
148 61.2 50.6 76.0

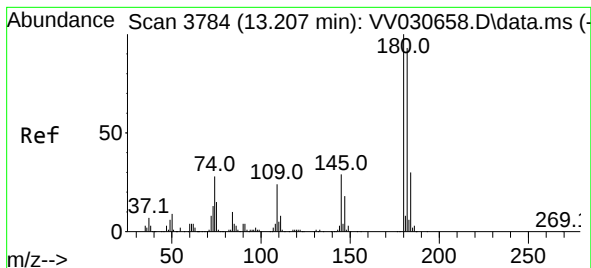


#69
1,3,5-Trichlorobenzene
Concen: 3.063 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.621 min
Lab File: VV030677.D
Acq: 19 Apr 2023 20:05



Tgt Ion:180 Resp: 7389
Ion Ratio Lower Upper
180 100
182 96.9 76.4 114.6
184 27.1 24.1 36.1
145 27.8 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 3.607 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030677.D

Acq: 19 Apr 2023 20:05

Instrument :

MSVOA_V

ClientSampleId :

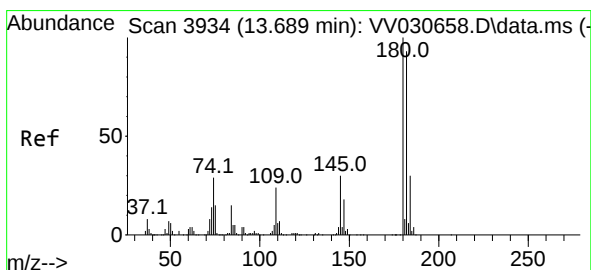
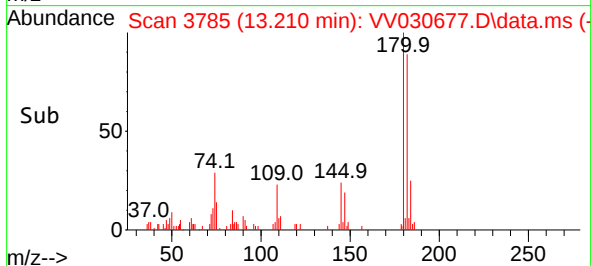
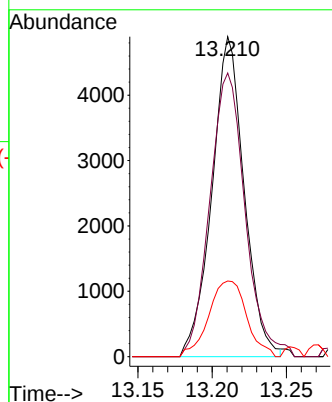
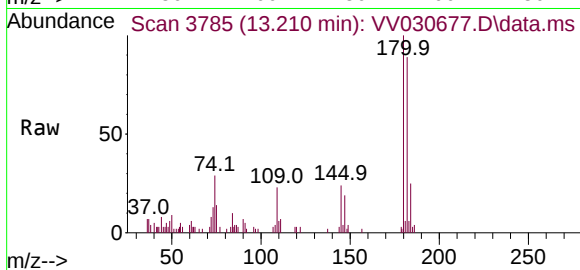
Tgt Ion:180 Resp: 7389

Ion Ratio Lower Upper

180 100

182 96.9 75.9 113.9

145 27.8 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 2.261 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030677.D

Acq: 19 Apr 2023 20:05

Tgt Ion:180 Resp: 4592

Ion Ratio Lower Upper

180 100

182 99.7 76.2 114.4

145 30.2 25.1 37.7

