

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034770.D
 Acq On : 20 Mar 2024 18:07
 Operator : SY/MD
 Sample : P1778-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 02:22:24 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)

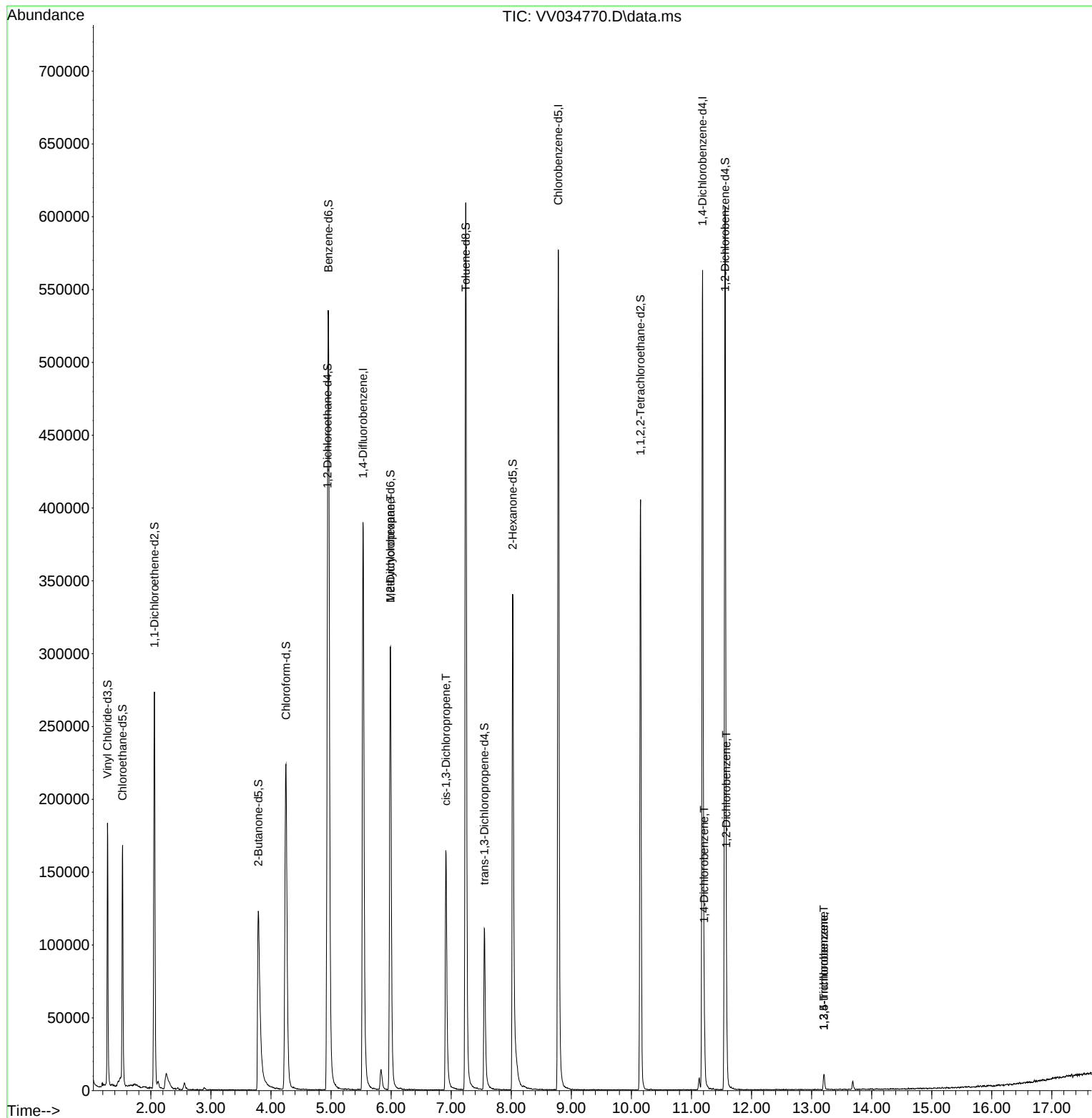
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	337243	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	317326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142058	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113984	38.988	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.980%		
7) Chloroethane-d5	1.529	69	100237	44.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.020%		
11) 1,1-Dichloroethene-d2	2.060	65	46965	35.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.040%		
21) 2-Butanone-d5	3.789	46	196576	100.546	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.550%		
24) Chloroform-d	4.249	84	239592	46.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.700%		
26) 1,2-Dichloroethane-d4	4.940	65	165077	48.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
32) Benzene-d6	4.957	84	464142	48.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.920%		
36) 1,2-Dichloropropane-d6	5.989	67	144227	49.347	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.700%		
41) Toluene-d8	7.243	98	405655	46.806	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.620%		
43) trans-1,3-Dichloroprop...	7.554	79	65472	44.609	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.220%		
47) 2-Hexanone-d5	8.024	63	117142	80.263	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.260%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	191778	49.861	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.720%		
66) 1,2-Dichlorobenzene-d4	11.561	152	151747	52.260	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.520%		
Target Compounds						Qvalue
35) Methylcyclohexane	5.989	83	35867	8.426	ug/L #	18
39) cis-1,3-Dichloropropene	6.911	75	4806	1.150	ug/L #	71
65) 1,4-Dichlorobenzene	11.210	146	17248	3.656	ug/L	94
67) 1,2-Dichlorobenzene	11.580	146	16395	3.522	ug/L	94
69) 1,3,5-Trichlorobenzene	13.204	180	4007	1.150	ug/L #	91
70) 1,2,4-trichlorobenzene	13.204	180	4007	1.278	ug/L #	90

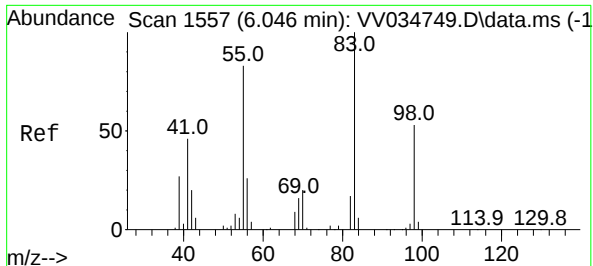
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 21 02:16:15 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 8.426 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

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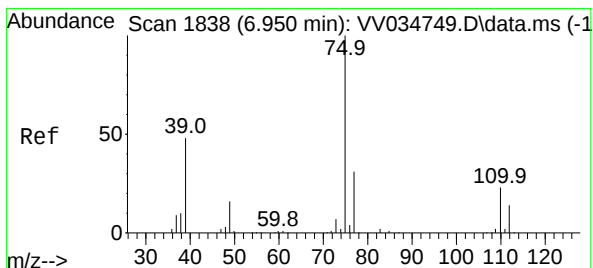
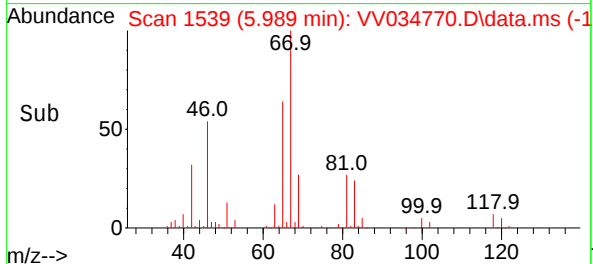
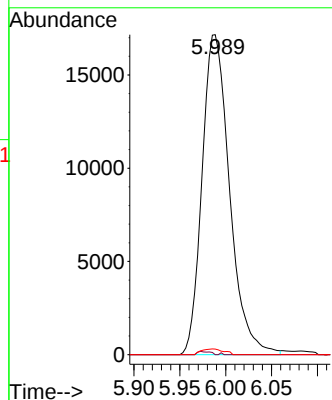
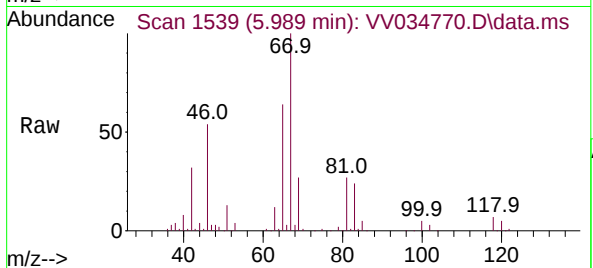
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MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	35867
Ion Ratio	Lower	Upper	
83	100		
55	0.3	62.6	94.0#
98	1.3	39.5	59.3#



#39

cis-1,3-Dichloropropene

Concen: 1.150 ug/L

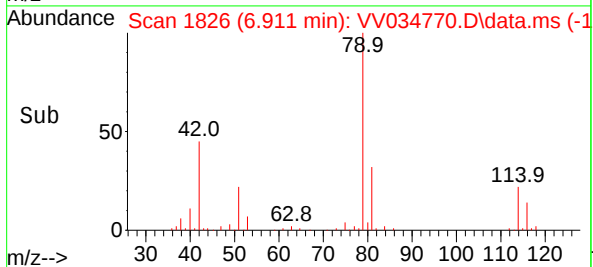
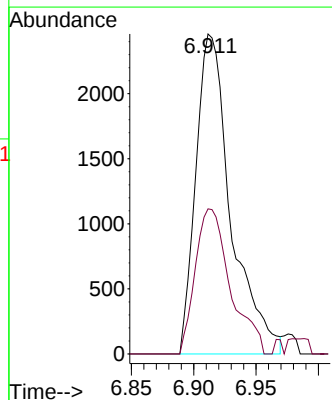
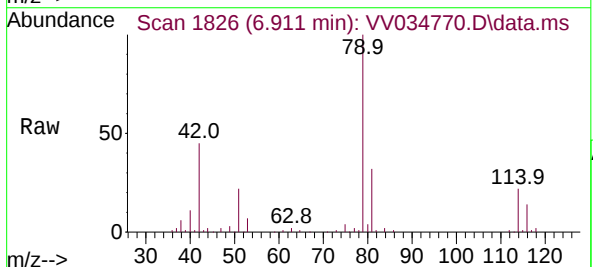
RT: 6.911 min Scan# 1826

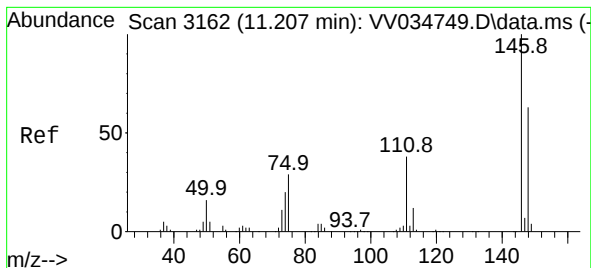
Delta R.T. -0.039 min

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Tgt Ion:	75	Resp:	4806
Ion Ratio	Lower	Upper	
75	100		
77	45.3	20.9	38.9#





#65

1,4-Dichlorobenzene

Concen: 3.656 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

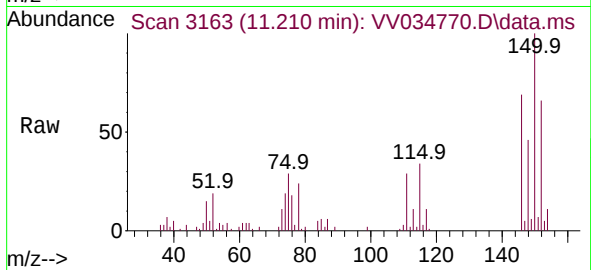
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MSVOA_V

ClientSampleId :



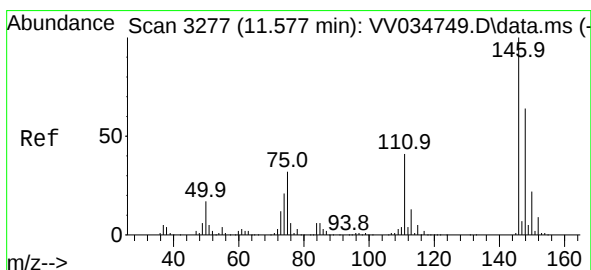
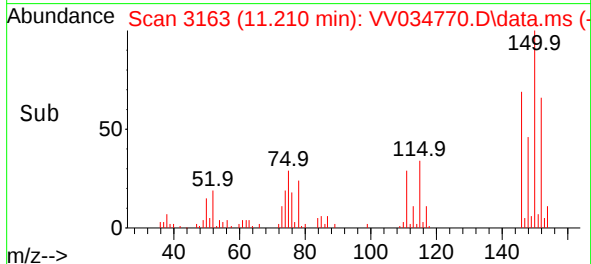
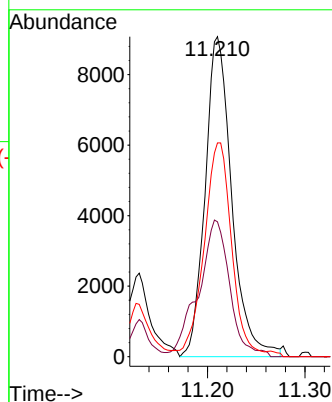
Tgt Ion:146 Resp: 17248

Ion Ratio Lower Upper

146 100

111 42.1 26.5 49.1

148 66.8 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 3.522 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV034770.D

Acq: 20 Mar 2024 18:07

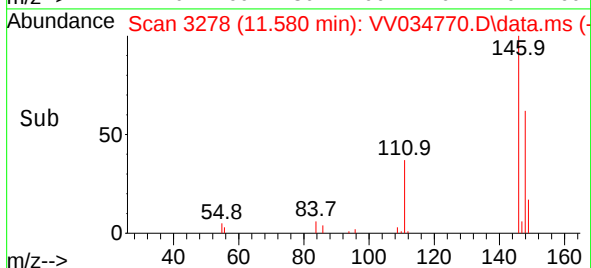
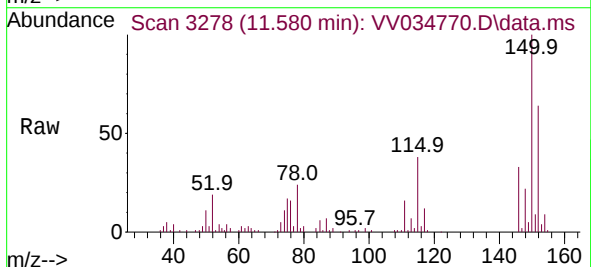
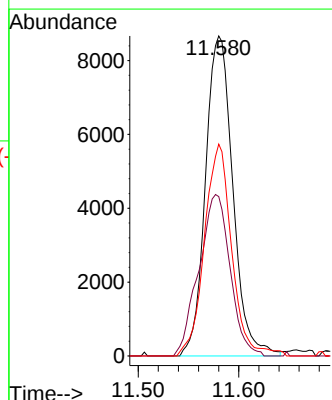
Tgt Ion:146 Resp: 16395

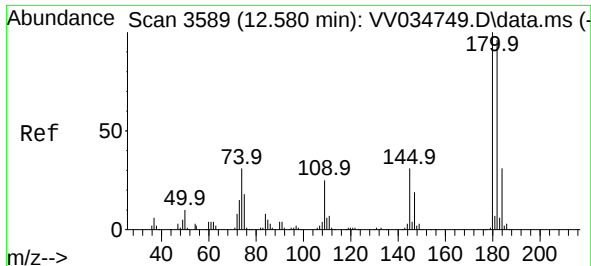
Ion Ratio Lower Upper

146 100

111 49.8 33.8 50.8

148 66.2 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 1.150 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.624 min

Lab File: VV034770.D

Acq: 20 Mar 2024 18:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 4007

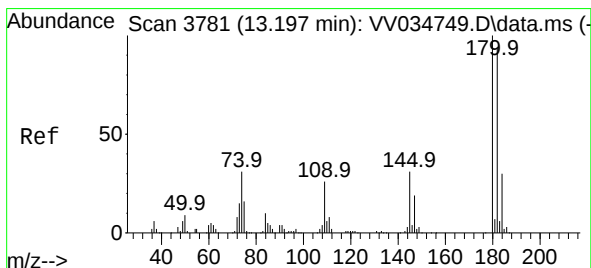
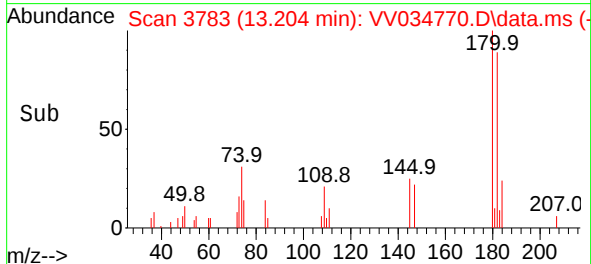
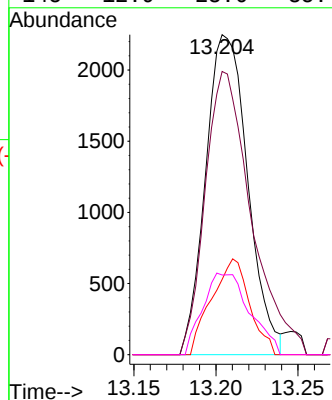
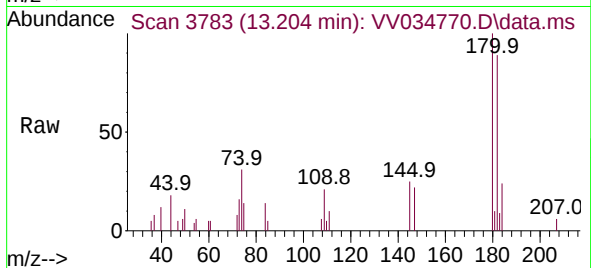
Ion Ratio Lower Upper

180 100

182 96.6 74.6 112.0

184 27.1 23.6 35.4

145 12.9 23.6 35.4#



#70

1,2,4-trichlorobenzene

Concen: 1.278 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034770.D

Acq: 20 Mar 2024 18:07

Tgt Ion:180 Resp: 4007

Ion Ratio Lower Upper

180 100

182 96.6 74.8 112.2

145 12.9 24.2 36.4#

