

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076690.D
 Acq On : 15 Feb 2023 17:16
 Operator : JC\MD
 Sample : 01535-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Feb 16 04:33:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

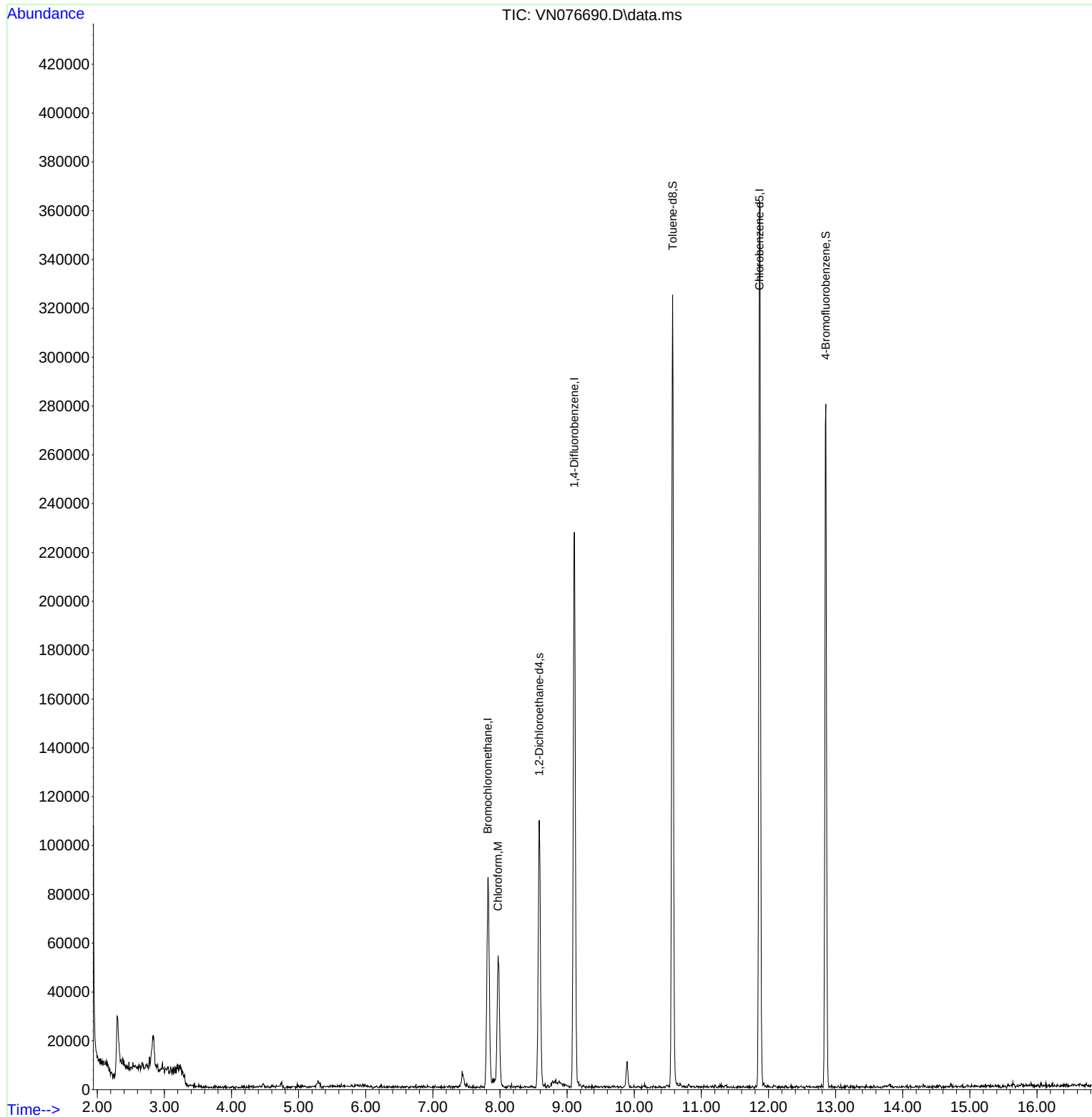
Internal Standards						
1) Bromochloromethane	7.819	128	28351	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	193259	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	205217	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	82923	31.979	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.600%
60) 4-Bromofluorobenzene	12.854	95	88970	24.511	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.700%
63) Toluene-d8	10.572	98	212725	29.594	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.633%
Target Compounds						
25) Chloroform	7.972	83	49575	8.161	ug/l	Qvalue 97

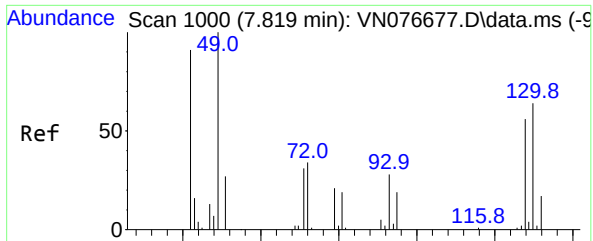
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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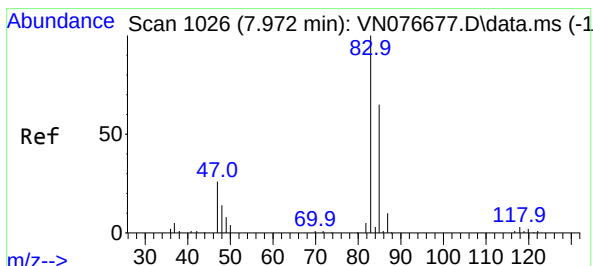
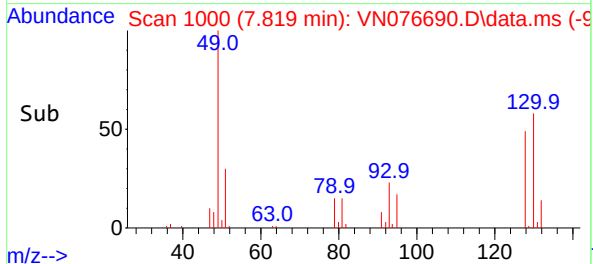
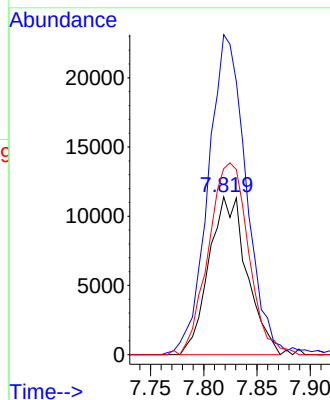
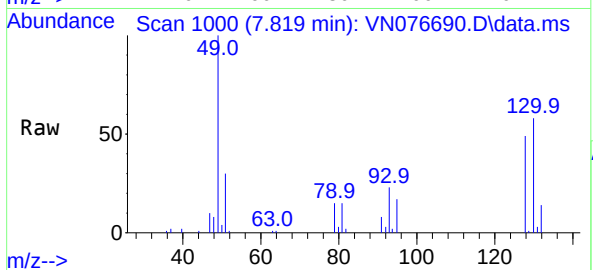




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076690.D
Acq: 15 Feb 2023 17:16

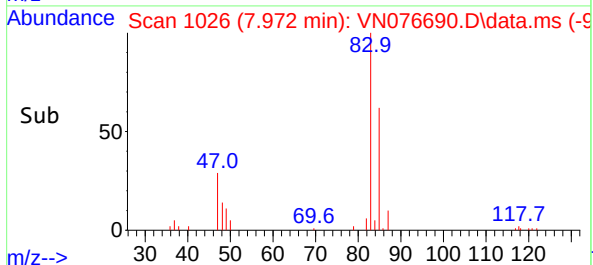
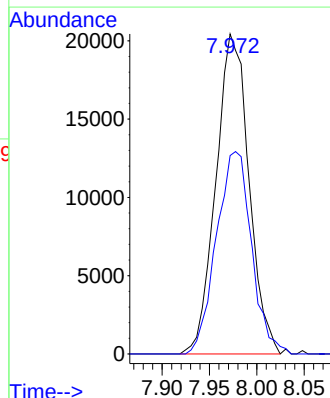
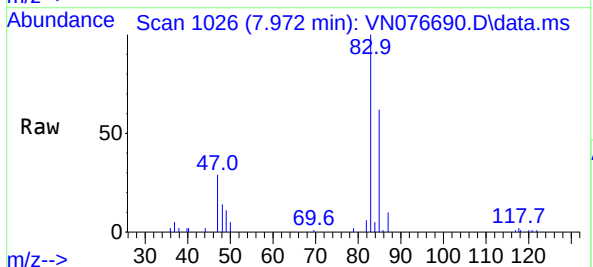
Instrument :
MSVOA_N
ClientSampleId :
14B-3

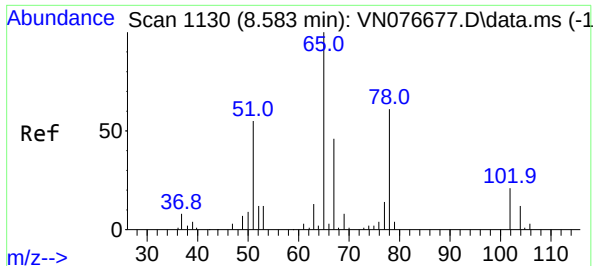
Tgt Ion:128 Resp: 28351
Ion Ratio Lower Upper
128 100
49 201.4 0.0 461.8
130 127.9 0.0 295.3



#25
Chloroform
Concen: 8.161 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076690.D
Acq: 15 Feb 2023 17:16

Tgt Ion: 83 Resp: 49575
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.6

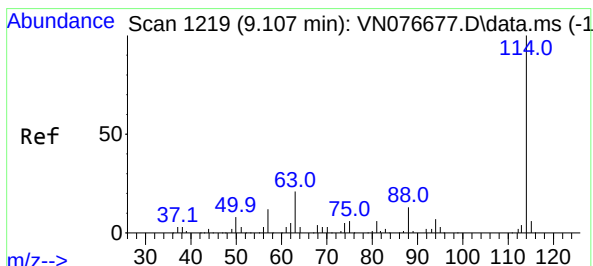
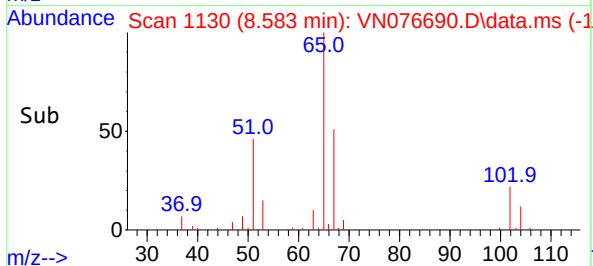
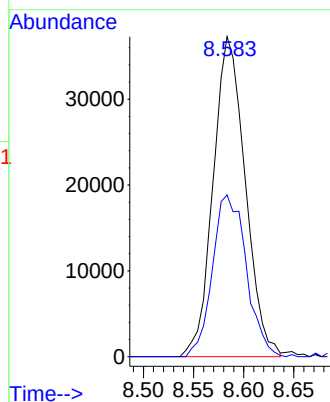
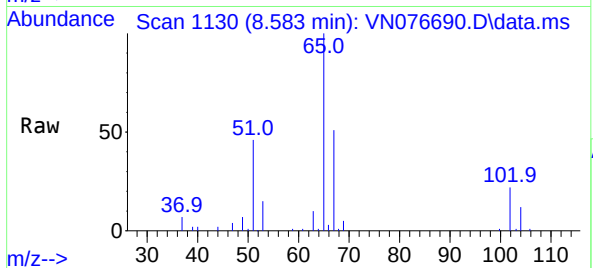




#27
1,2-Dichloroethane-d4
Concen: 31.979 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076690.D
Acq: 15 Feb 2023 17:16

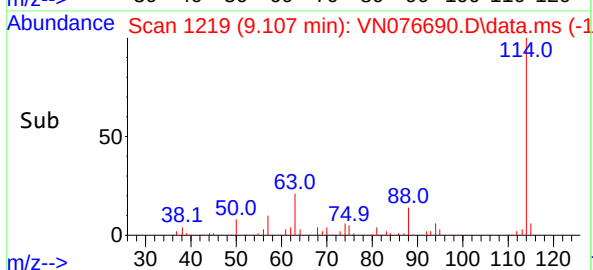
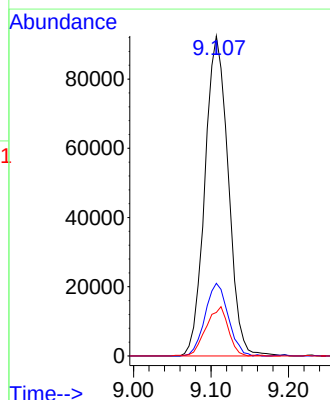
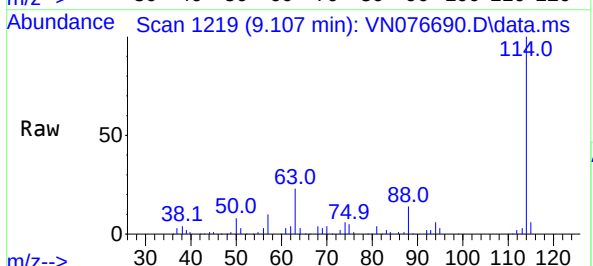
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ClientSampleId :
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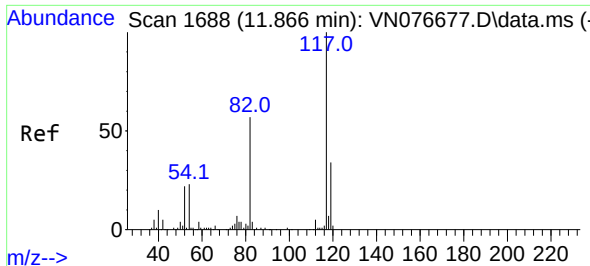
Tgt Ion: 65 Resp: 82923
Ion Ratio Lower Upper
65 100
67 53.2 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076690.D
Acq: 15 Feb 2023 17:16

Tgt Ion: 114 Resp: 193259
Ion Ratio Lower Upper
114 100
63 22.5 17.0 25.4
88 14.6 11.6 17.4

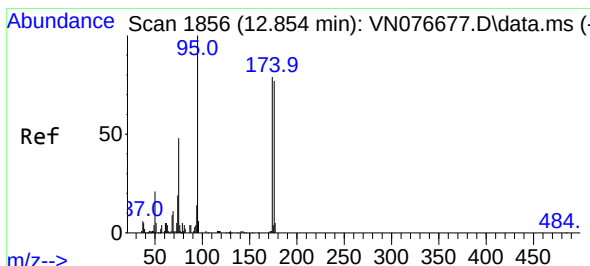
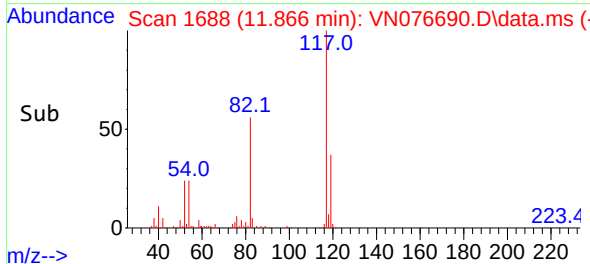
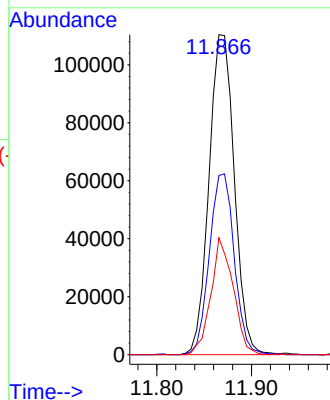
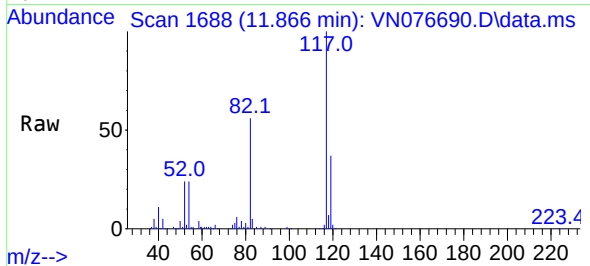




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076690.D
Acq: 15 Feb 2023 17:16

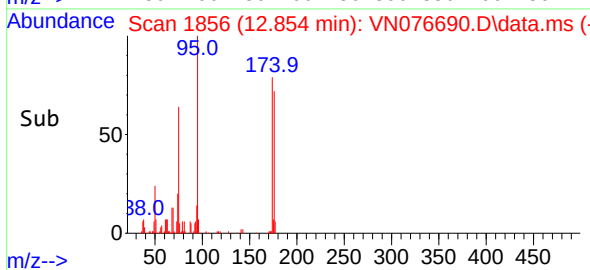
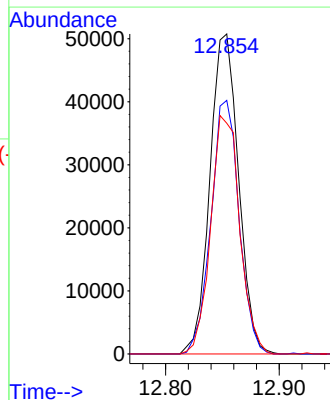
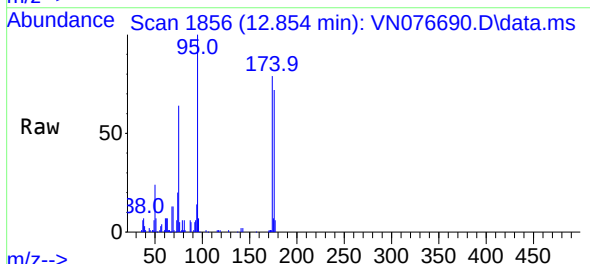
Instrument :
MSVOA_N
ClientSampleId :
14B-3

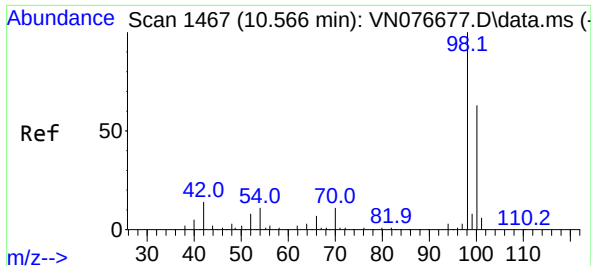
Tgt Ion:117 Resp: 205217
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.2 26.8 40.2



#60
4-Bromofluorobenzene
Concen: 24.511 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076690.D
Acq: 15 Feb 2023 17:16

Tgt Ion: 95 Resp: 88970
Ion Ratio Lower Upper
95 100
174 77.7 64.2 96.4
176 75.4 61.4 92.0





#63
Toluene-d8
Concen: 29.594 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076690.D
Acq: 15 Feb 2023 17:16

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tgt Ion: 98 Resp: 212725
Ion Ratio Lower Upper
98 100
100 65.0 53.8 80.6

