

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039840.D
 Acq On : 7 Nov 2022 14:57
 Operator : SY/AP
 Sample : QC110322 CAN 10198
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110322 CAN 10198

Quant Time: Nov 08 06:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

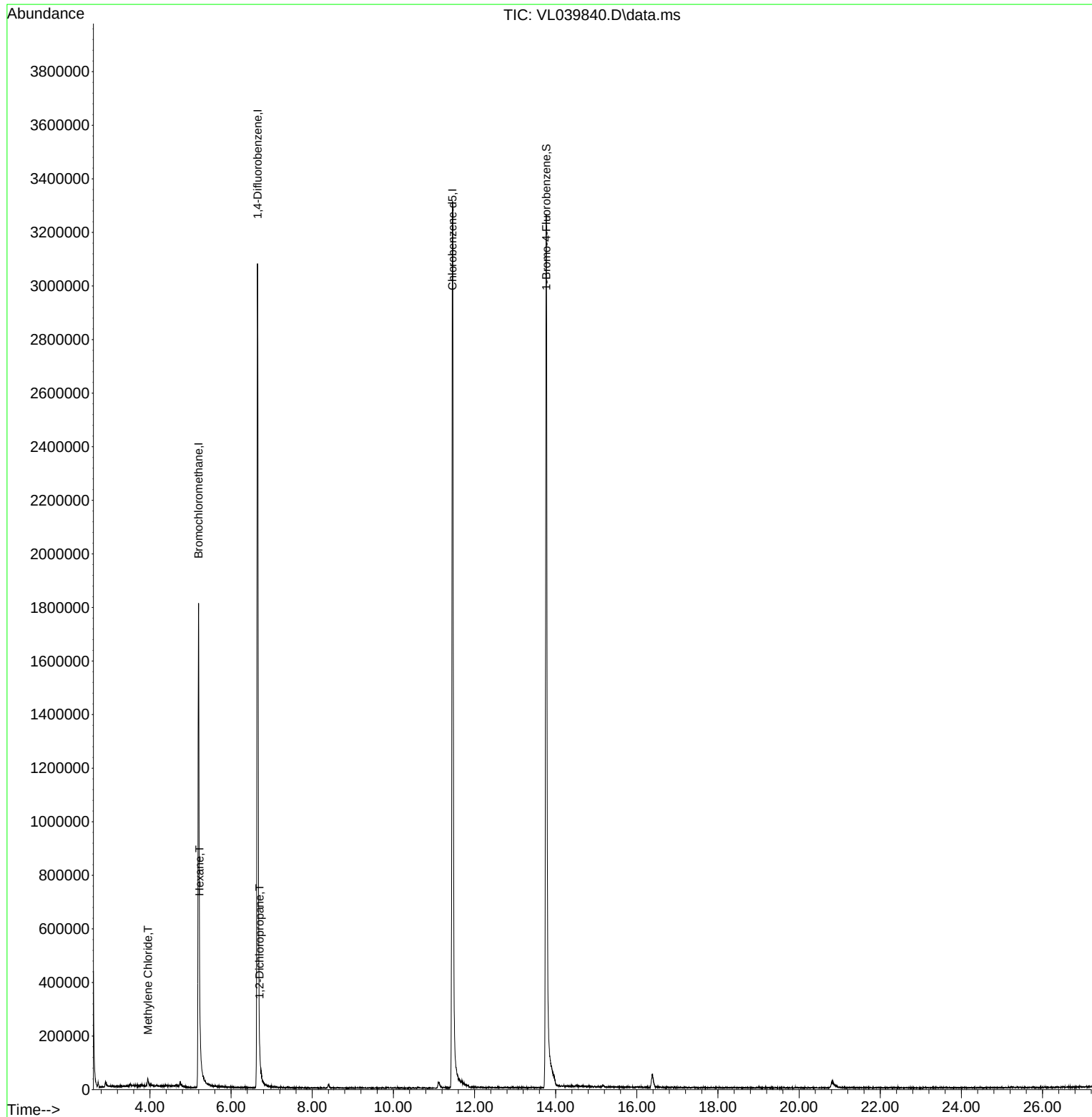
Internal Standards						
1) Bromochloromethane	5.198	49	1032770	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	2534091	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2328531	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1795023	10.299	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.000%
Target Compounds						
						Qvalue
20) Methylene Chloride	3.951	84	7051	0.157	ppbv	95
26) Hexane	5.221	57	7067	0.061	ppbv #	40
39) 1,2-Dichloropropane	6.703	63	18814	0.226	ppbv #	28

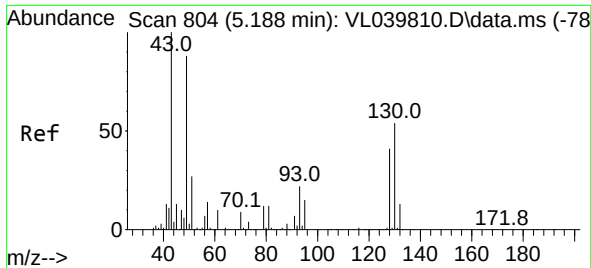
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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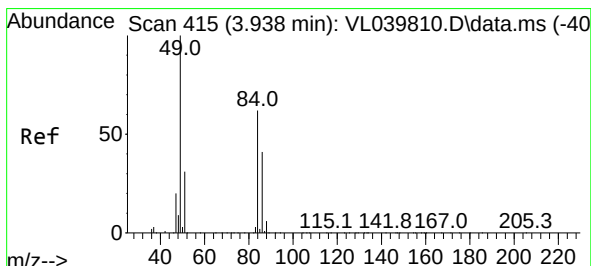
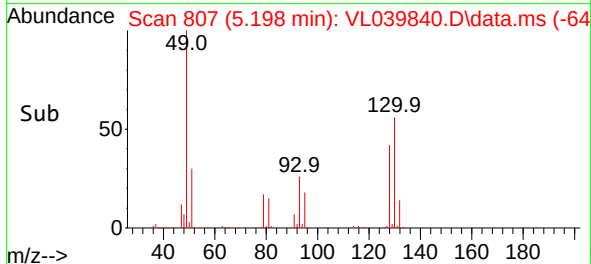
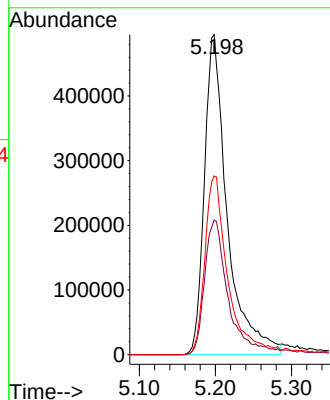
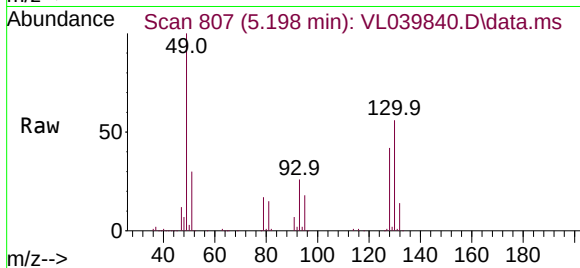




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL039840.D
Acq: 7 Nov 2022 14:57

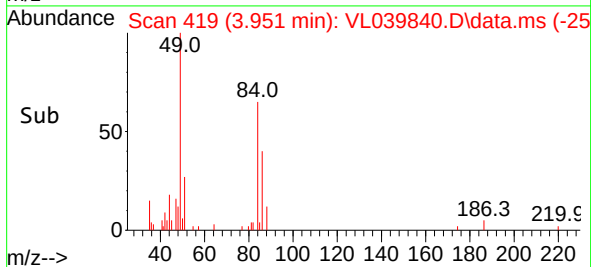
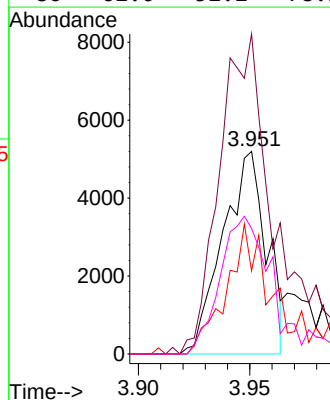
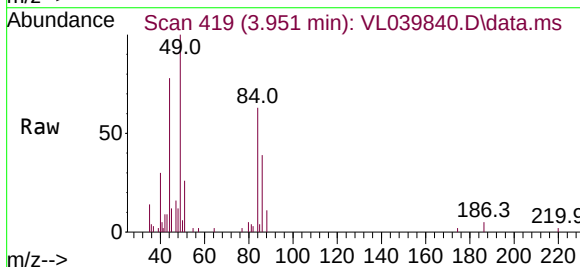
Instrument :
MSVOA_L
ClientSampleId :
QC110322 CAN 10198

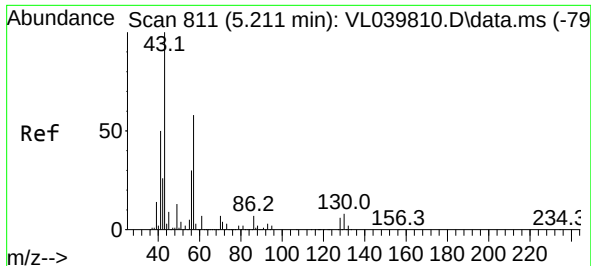
Tgt Ion: 49 Resp: 1032770
Ion Ratio Lower Upper
49 100
128 46.3 24.6 73.6
130 60.1 31.1 93.2



#20
Methylene Chloride
Concen: 0.157 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.013 min
Lab File: VL039840.D
Acq: 7 Nov 2022 14:57

Tgt Ion: 84 Resp: 7051
Ion Ratio Lower Upper
84 100
49 158.0 128.6 192.8
51 41.1 40.2 60.4
86 62.0 52.2 78.2

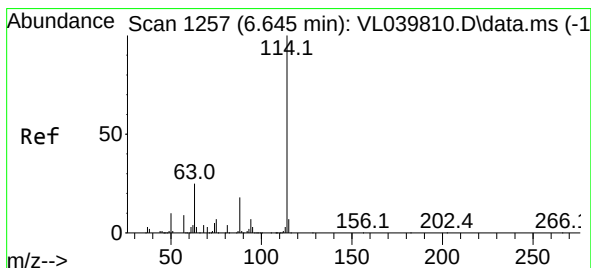
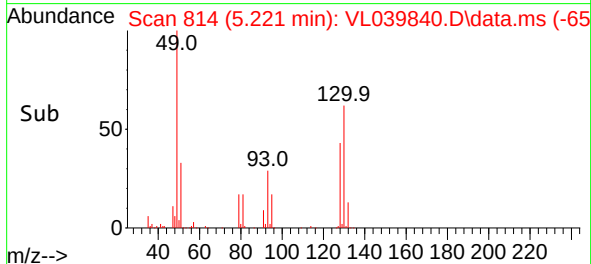
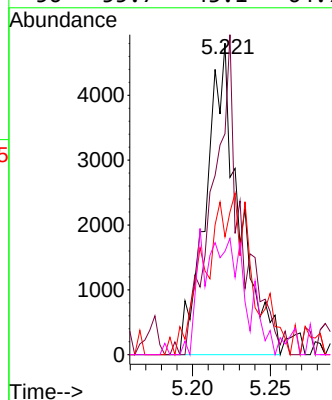
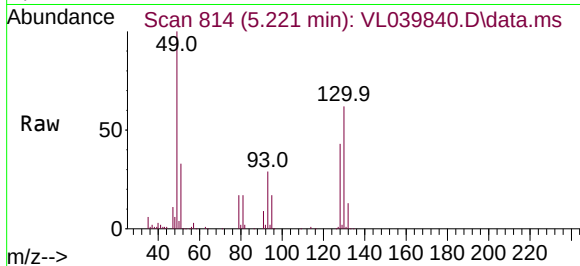




#26
Hexane
Concen: 0.061 ppbv
RT: 5.221 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL039840.D
Acq: 7 Nov 2022 14:57

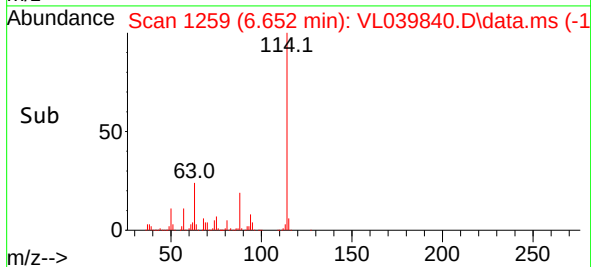
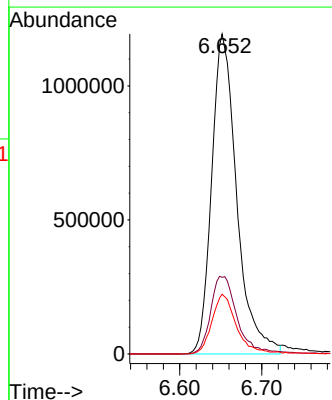
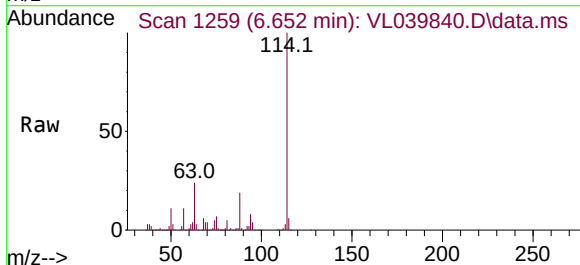
Instrument :
MSVOA_L
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QC110322 CAN 10198

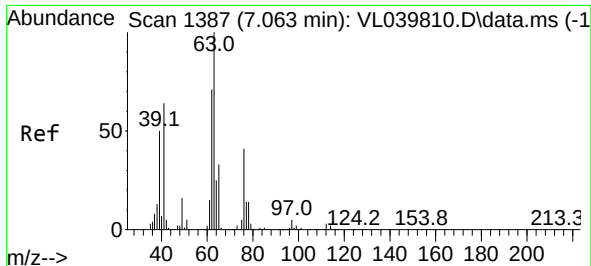
Tgt Ion: 57 Resp: 7067
Ion Ratio Lower Upper
57 100
41 95.8 73.7 110.5
43 78.6 189.8 284.8#
56 55.7 43.1 64.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VL039840.D
Acq: 7 Nov 2022 14:57

Tgt Ion: 114 Resp: 2534091
Ion Ratio Lower Upper
114 100
63 26.2 19.8 29.6
88 18.6 14.4 21.6





#39

1,2-Dichloropropane

Concen: 0.226 ppbv

RT: 6.703 min Scan# 1

Delta R.T. -0.360 min

Lab File: VL039840.D

Acq: 7 Nov 2022 14:57

Instrument :

MSVOA_L

ClientSampleId :

QC110322 CAN 10198

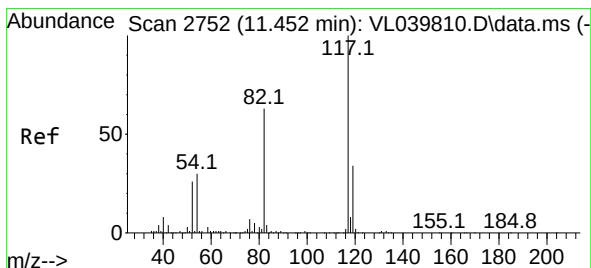
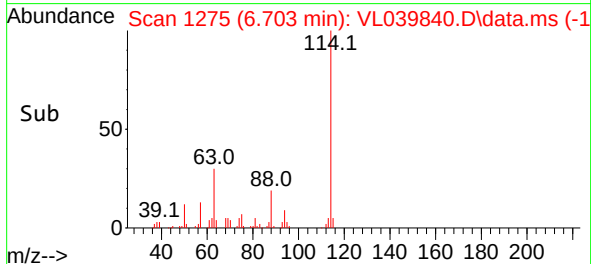
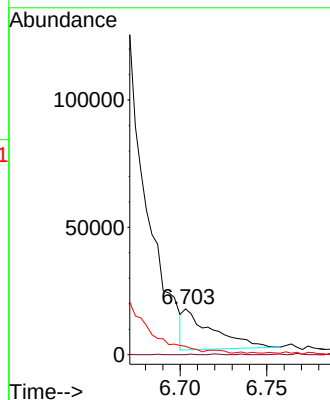
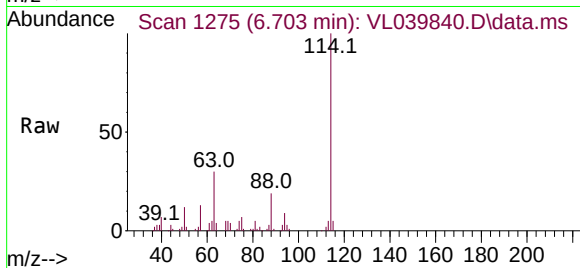
Tgt Ion: 63 Resp: 18814

Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 17.8 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.459 min Scan# 2754

Delta R.T. 0.007 min

Lab File: VL039840.D

Acq: 7 Nov 2022 14:57

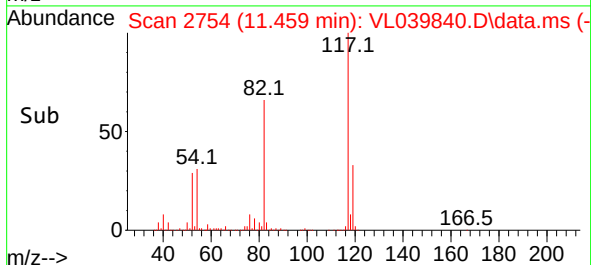
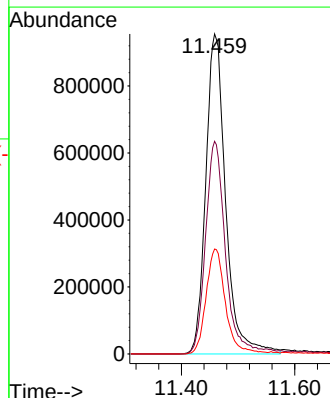
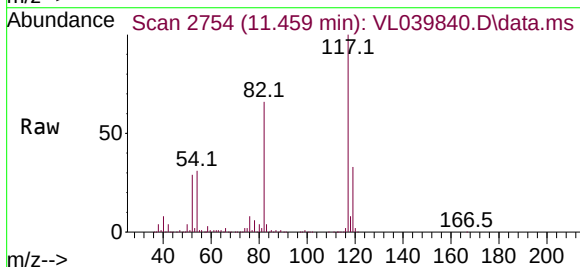
Tgt Ion: 117 Resp: 2328531

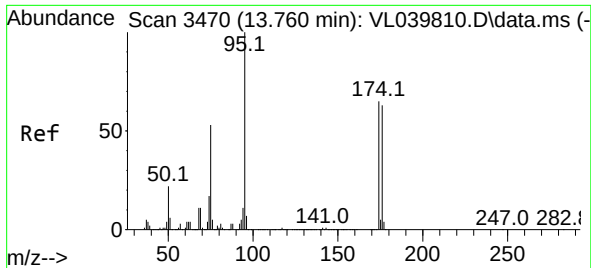
Ion Ratio Lower Upper

117 100

82 67.9 51.0 76.6

119 32.5 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.299 ppbv
 RT: 13.770 min Scan# 34
 Delta R.T. 0.010 min
 Lab File: VL039840.D
 Acq: 7 Nov 2022 14:57

Instrument :
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Tgt Ion: 95 Resp: 1795023
 Ion Ratio Lower Upper
 95 100
 174 63.4 53.4 80.0
 175 4.5 4.1 6.1

