

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040589.D
 Acq On : 4 Aug 2023 12:02
 Operator : SY/MD
 Sample : QC073123 CAN 10320
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC073123 CAN 10320

Quant Time: Aug 05 01:08:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

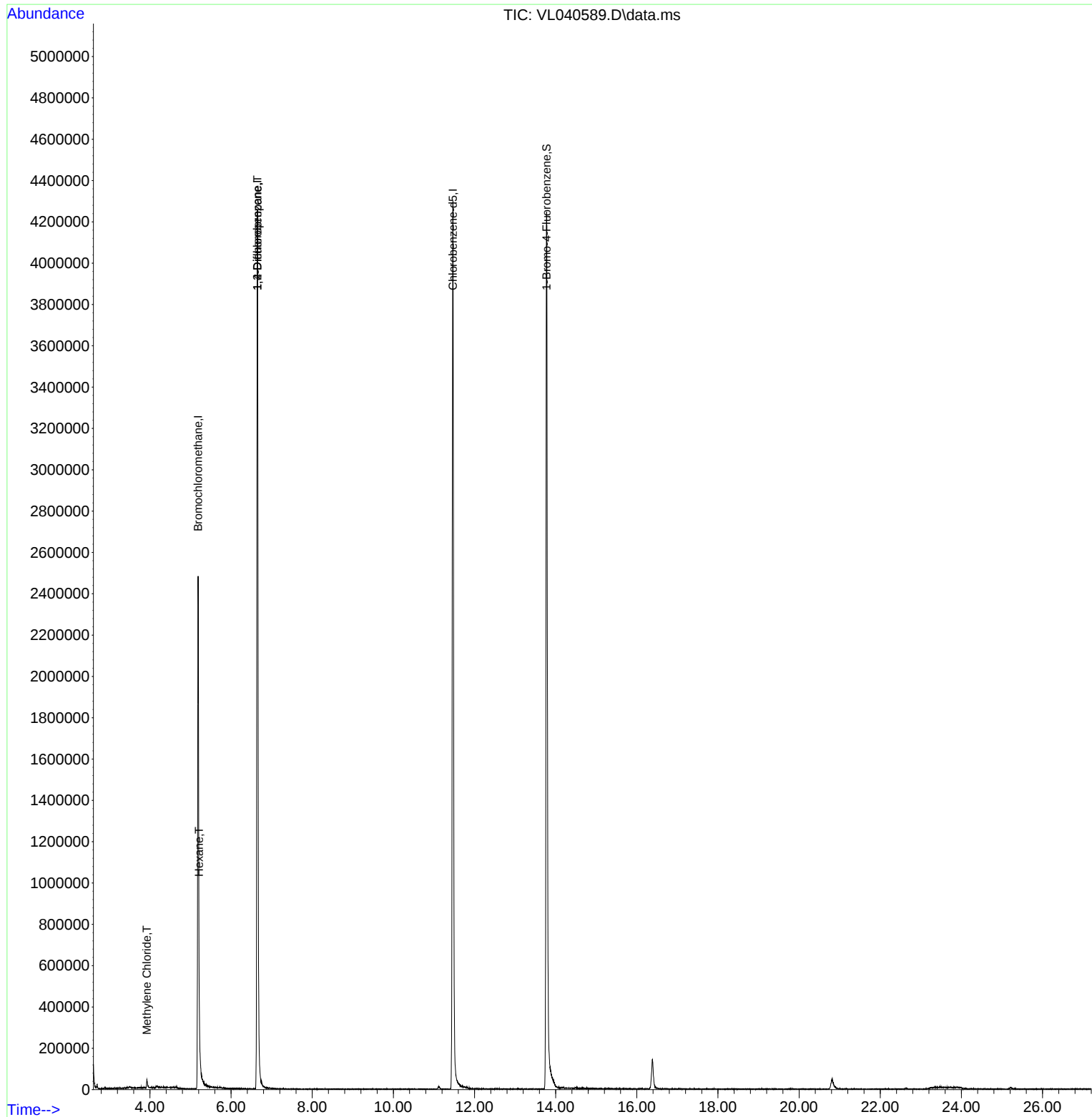
Internal Standards						
1) Bromochloromethane	5.189	49	1289594	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	3324475	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.468	117	2864703	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2232748	9.848	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.925	84	11778	0.187	ppbv #	85
26) Hexane	5.208	57	4705	0.036	ppbv #	41
39) 1,2-Dichloropropane	6.648	63	814545	7.910	ppbv #	26

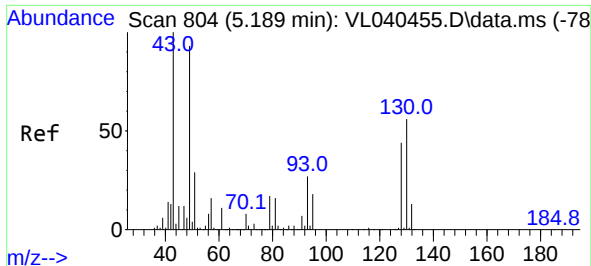
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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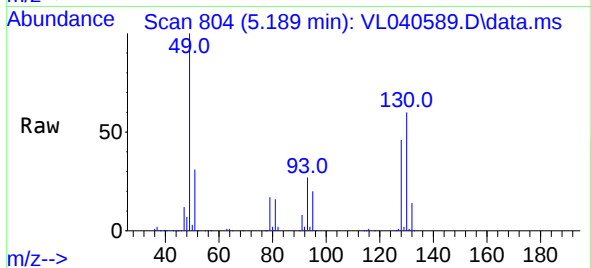
Quant Time: Aug 05 01:08:09 2023
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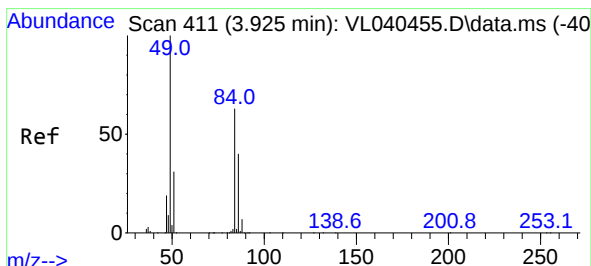
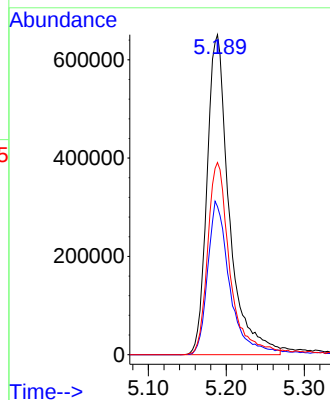
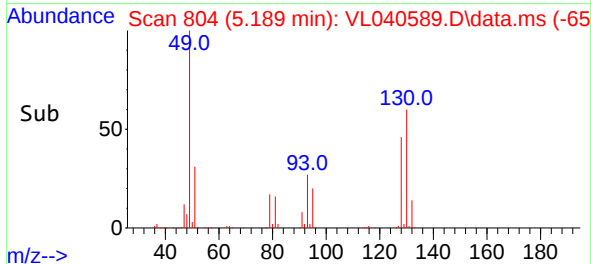


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL040589.D
Acq: 4 Aug 2023 12:02

Instrument :
MSVOA_L
ClientSampleId :
QC073123 CAN 10320

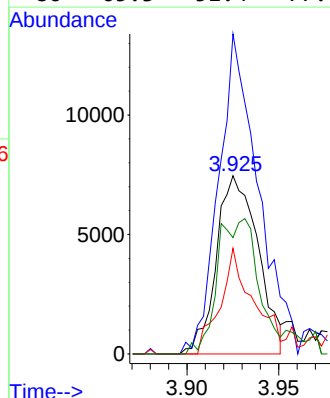
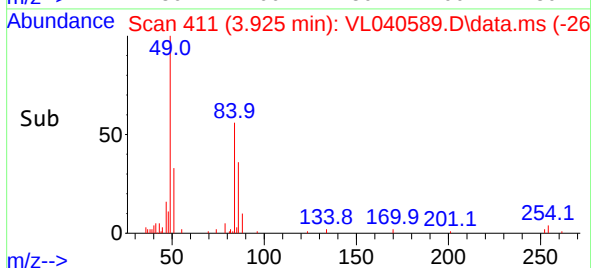
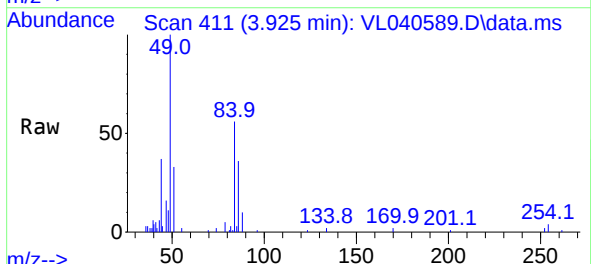


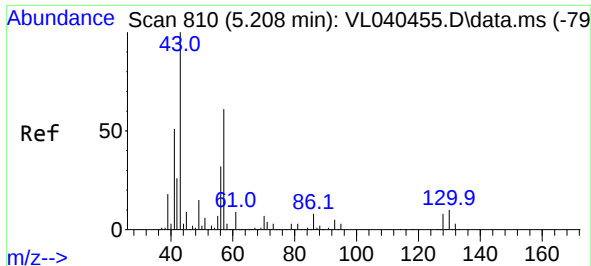
Tgt Ion: 49 Resp: 1289594
Ion Ratio Lower Upper
49 100
128 49.2 25.1 75.4
130 63.2 31.6 94.7



#20
Methylene Chloride
Concen: 0.187 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040589.D
Acq: 4 Aug 2023 12:02

Tgt Ion: 84 Resp: 11778
Ion Ratio Lower Upper
84 100
49 179.5 123.4 185.2
51 59.2 38.3 57.5#
86 65.3 51.4 77.0



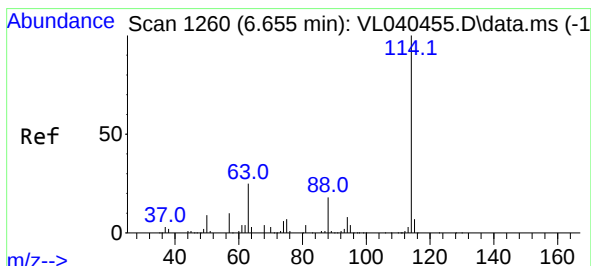
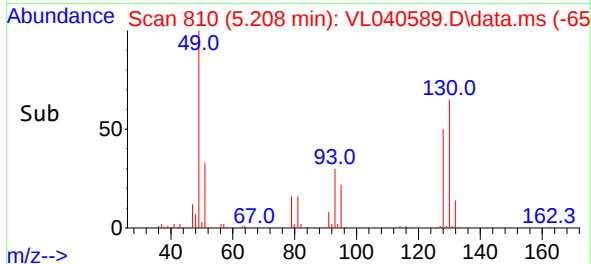
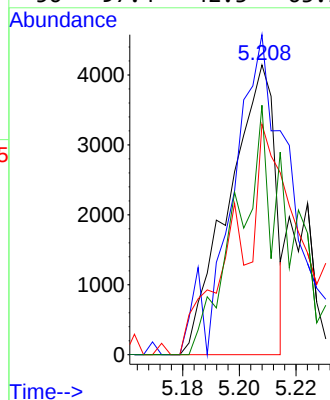
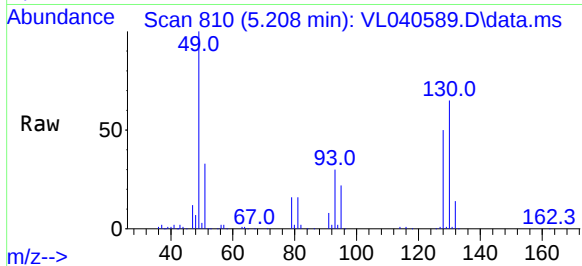


#26
Hexane
Concen: 0.036 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040589.D
Acq: 4 Aug 2023 12:02

Instrument :
MSVOA_L
ClientSampleId :
QC073123 CAN 10320

Tgt Ion: 57 Resp: 4705

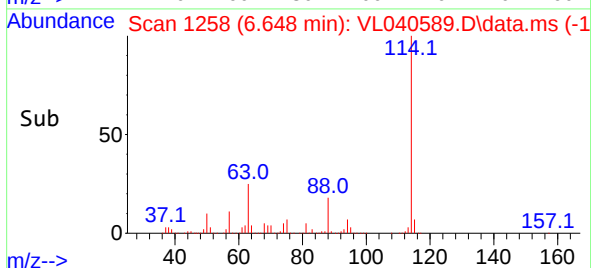
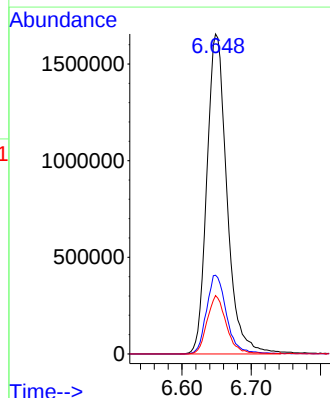
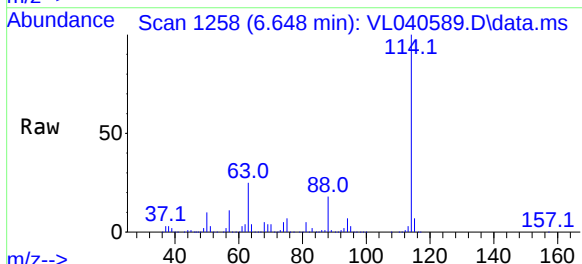
Ion	Ratio	Lower	Upper
57	100		
41	149.4	69.5	104.3#
43	134.2	177.1	265.7#
56	97.4	42.3	63.5#

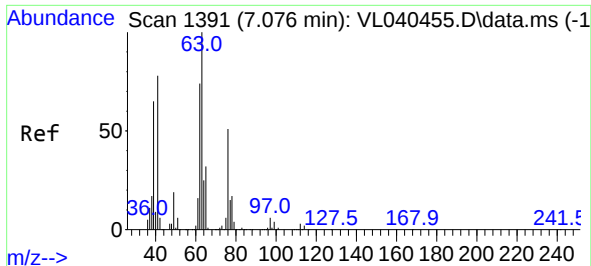


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.016 min
Lab File: VL040589.D
Acq: 4 Aug 2023 12:02

Tgt Ion: 114 Resp: 3324475

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.6	29.4
88	17.6	14.2	21.2





#39

1,2-Dichloropropane

Concen: 7.910 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.434 min

Lab File: VL040589.D

Acq: 4 Aug 2023 12:02

Instrument :

MSVOA_L

ClientSampleId :

QC073123 CAN 10320

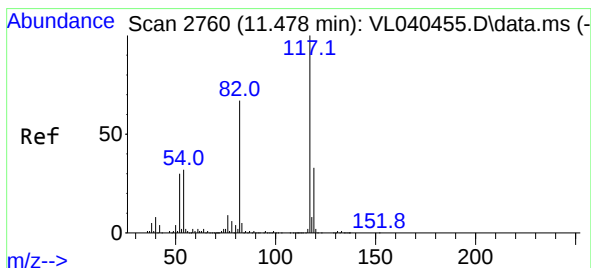
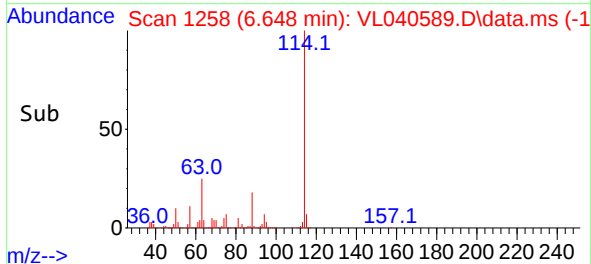
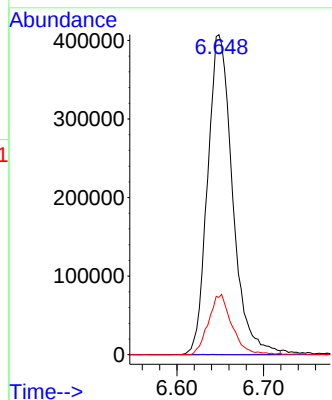
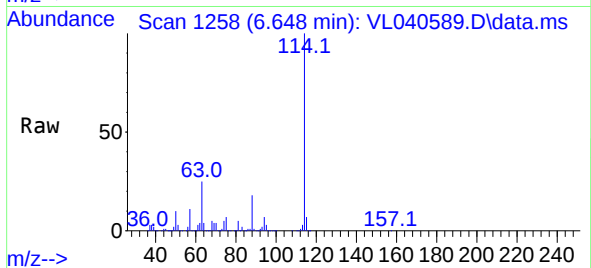
Tgt Ion: 63 Resp: 814545

Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 17.8 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. -0.010 min

Lab File: VL040589.D

Acq: 4 Aug 2023 12:02

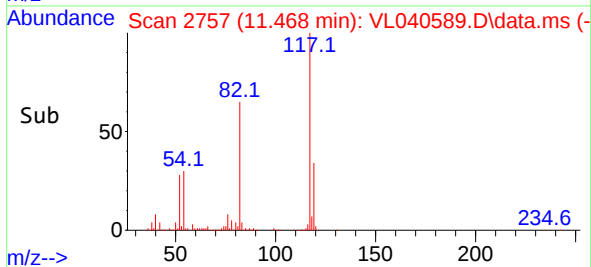
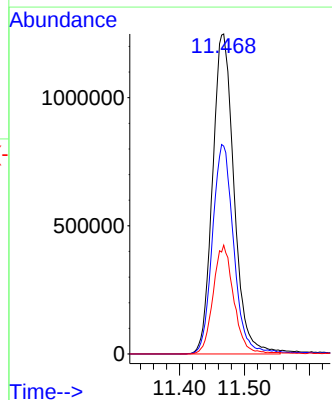
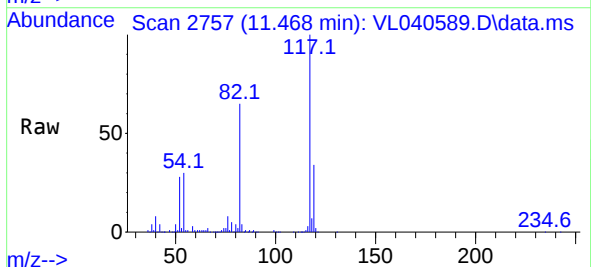
Tgt Ion: 117 Resp: 2864703

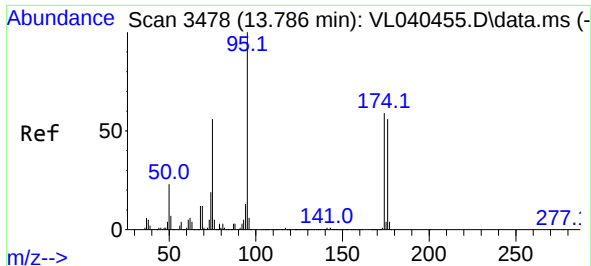
Ion Ratio Lower Upper

117 100

82 65.6 50.2 75.4

119 33.1 26.9 40.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.848 ppbv

RT: 13.777 min Scan# 34

Delta R.T. -0.006 min

Lab File: VL040589.D

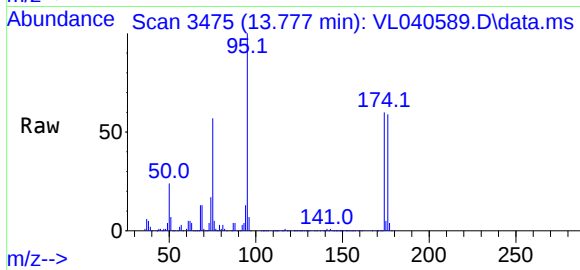
Acq: 4 Aug 2023 12:02

Instrument :

MSVOA_L

ClientSampleId :

QC073123 CAN 10320



Tgt Ion: 95 Resp: 2232748

Ion Ratio Lower Upper

95 100

174 62.7 50.6 75.8

175 4.3 3.7 5.5

