

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040817.D
 Acq On : 8 Nov 2023 19:13
 Operator : SY/MD
 Sample : QC110223 CAN 10054
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110223 CAN 10054

Quant Time: Nov 09 00:32:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

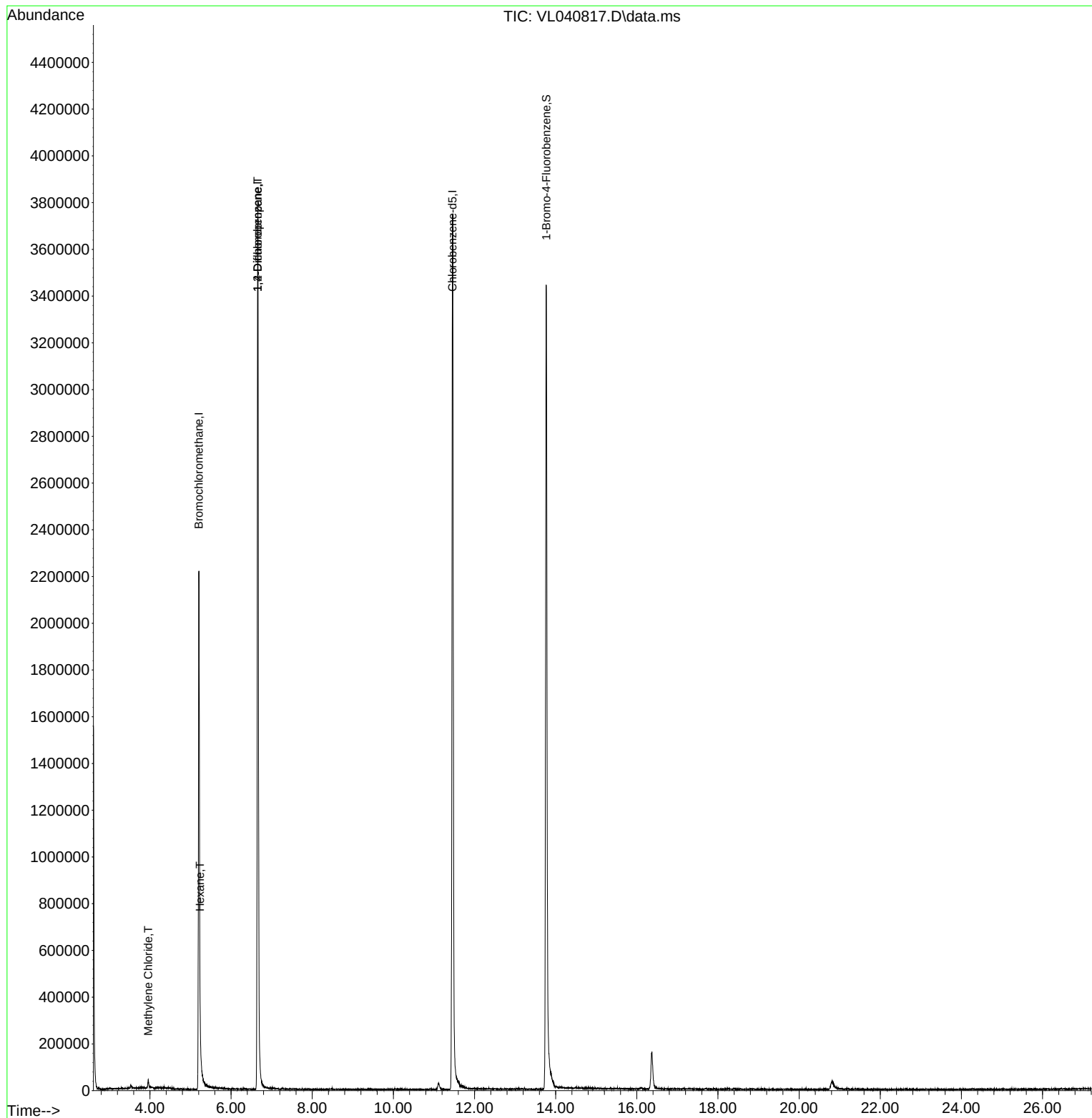
Internal Standards						
1) Bromochloromethane	5.205	49	1159724	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2994645	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2506921	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1890290	10.247	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.960	84	10175	0.204	ppbv	89
26) Hexane	5.230	57	5745	0.048	ppbv #	42
39) 1,2-Dichloropropane	6.658	63	731419	8.128	ppbv #	27

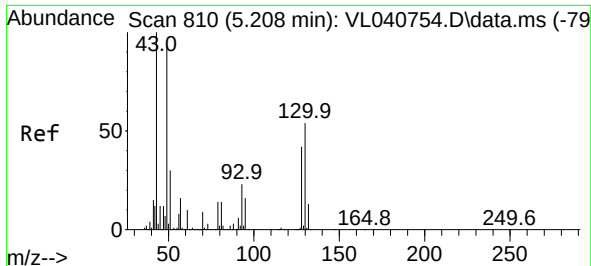
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 09 00:32:42 2023
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QLast Update : Thu Nov 09 00:25:02 2023
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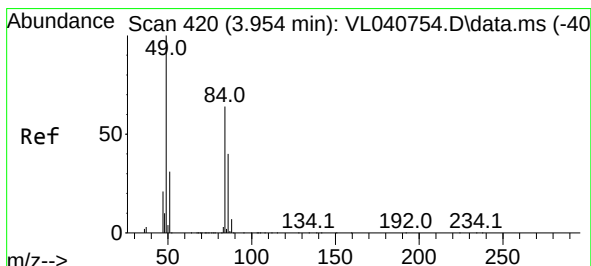
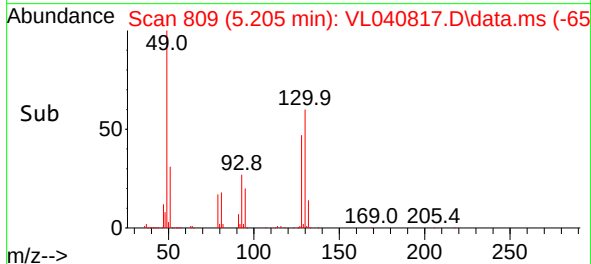
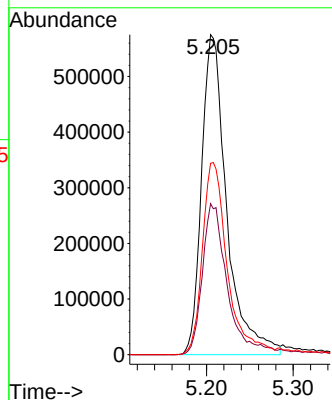
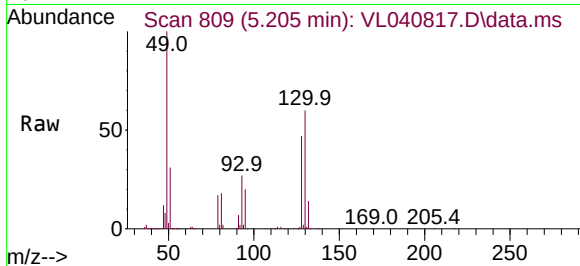




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040817.D
Acq: 8 Nov 2023 19:13

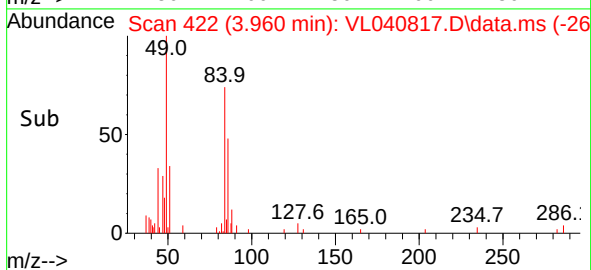
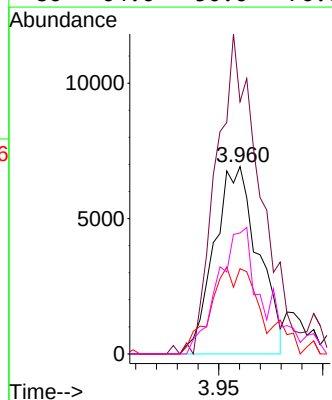
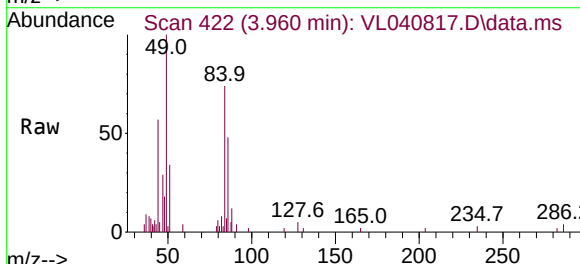
Instrument :
MSVOA_L
ClientSampleId :
QC110223 CAN 10054

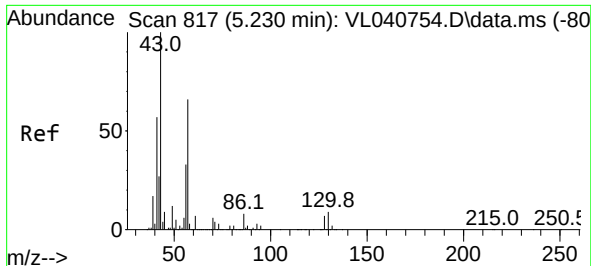
Tgt Ion: 49 Resp: 1159724
Ion Ratio Lower Upper
49 100
128 49.2 23.9 71.7
130 62.4 30.7 92.1



#20
Methylene Chloride
Concen: 0.204 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.000 min
Lab File: VL040817.D
Acq: 8 Nov 2023 19:13

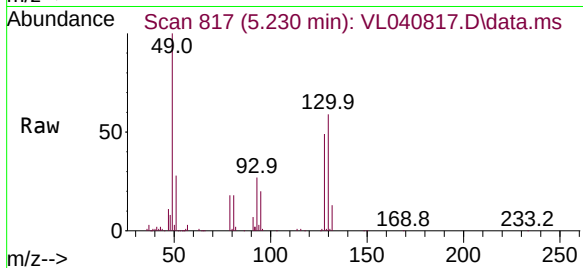
Tgt Ion: 84 Resp: 10175
Ion Ratio Lower Upper
84 100
49 134.7 125.6 188.4
51 45.5 38.9 58.3
86 64.6 50.6 76.0



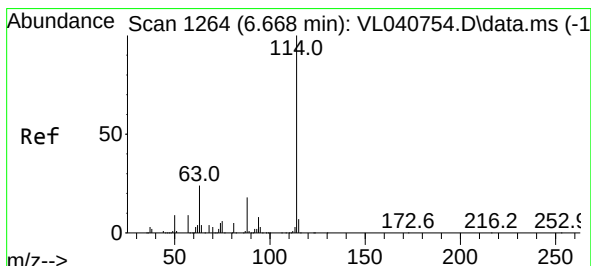
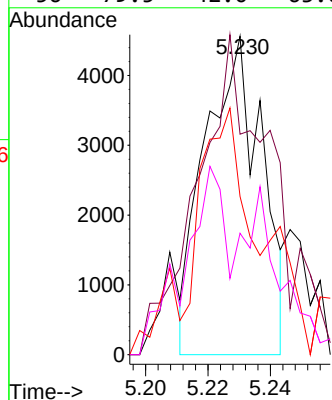
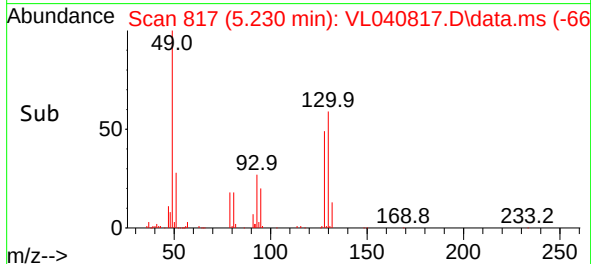


#26
Hexane
Concen: 0.048 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.003 min
Lab File: VL040817.D
Acq: 8 Nov 2023 19:13

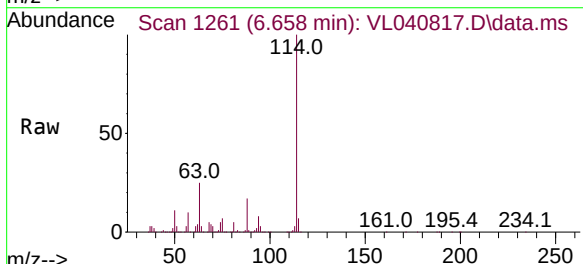
Instrument :
MSVOA_L
ClientSampleId :
QC110223 CAN 10054



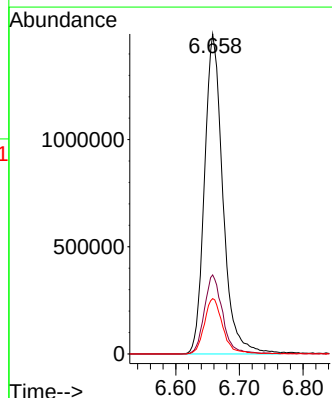
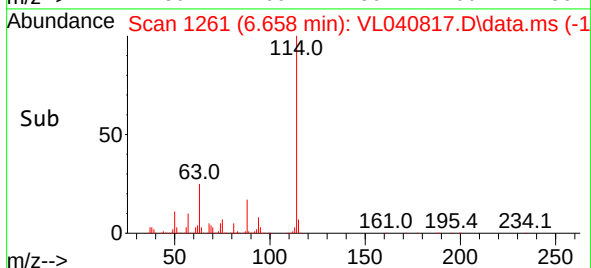
Tgt Ion: 57 Resp: 5745
Ion Ratio Lower Upper
57 100
41 141.0 71.4 107.2#
43 123.6 182.3 273.5#
56 79.5 42.0 63.0#

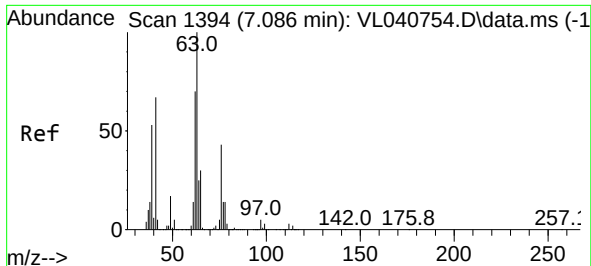


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VL040817.D
Acq: 8 Nov 2023 19:13



Tgt Ion: 114 Resp: 2994645
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.6
88 17.6 14.2 21.2





#39

1,2-Dichloropropane

Concen: 8.128 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040817.D

Acq: 8 Nov 2023 19:13

Instrument :

MSVOA_1

ClientSampleId :

QC110223 CAN 10054

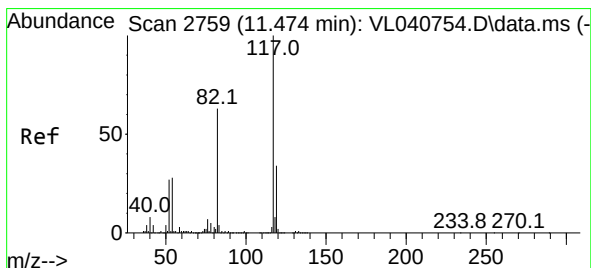
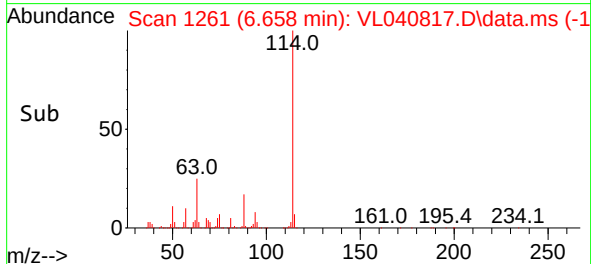
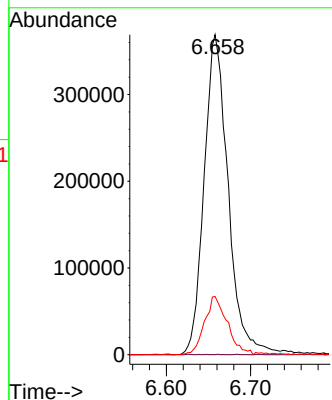
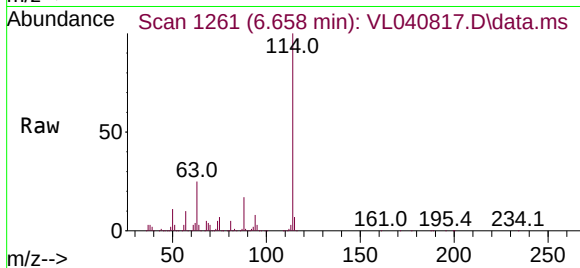
Tgt Ion: 63 Resp: 731419

Ion Ratio Lower Upper

63 100

41 0.0 53.7 80.5#

62 18.1 55.7 83.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.003 min

Lab File: VL040817.D

Acq: 8 Nov 2023 19:13

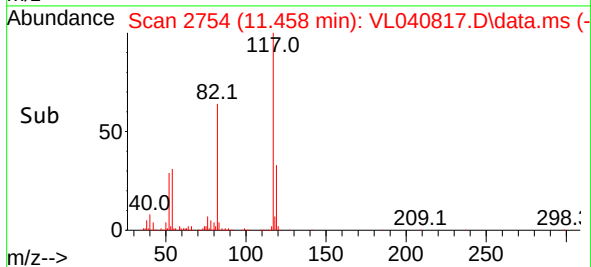
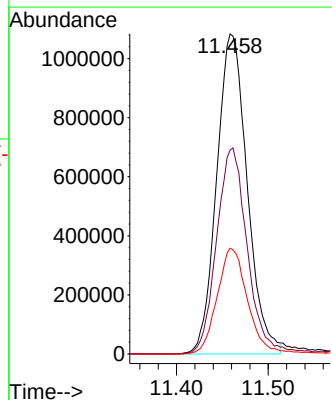
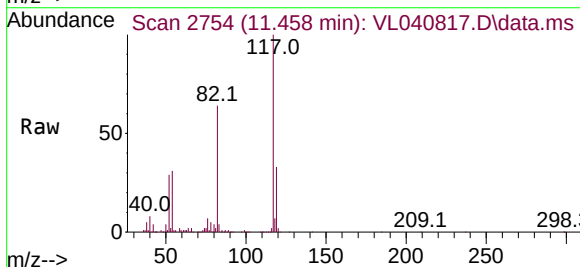
Tgt Ion: 117 Resp: 2506921

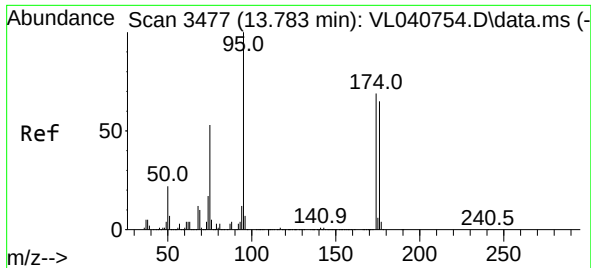
Ion Ratio Lower Upper

117 100

82 65.0 46.6 70.0

119 33.7 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.247 ppbv

RT: 13.767 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL040817.D

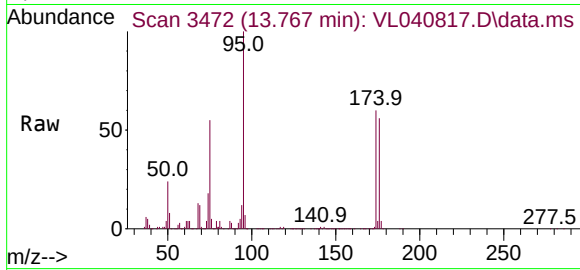
Acq: 8 Nov 2023 19:13

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion: 95 Resp: 1890290

Ion Ratio Lower Upper

95 100

174 61.3 54.7 82.1

175 4.6 4.2 6.4

