

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040777.D
 Acq On : 23 Oct 2023 13:46
 Operator : SY/MD
 Sample : VL1023ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 24 05:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

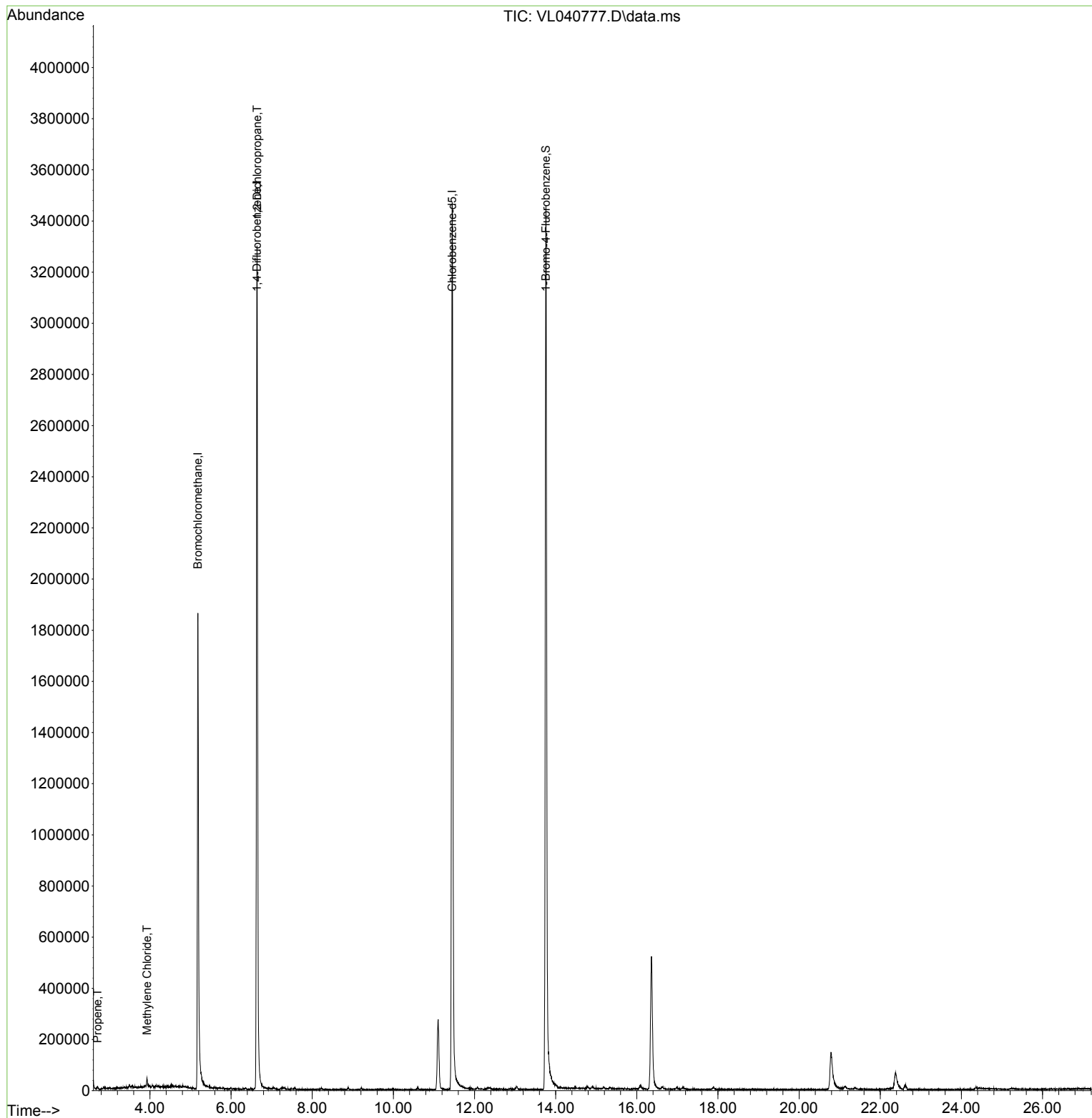
Internal Standards						
1) Bromochloromethane	5.182	49	959427	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2749013	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.449	117	2488306	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1894354	10.346	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	2111	0.040	ppbv	100
20) Methylene Chloride	3.931	84	4715	0.114	ppbv #	89
39) 1,2-Dichloropropane	6.642	63	635631	7.694	ppbv #	26

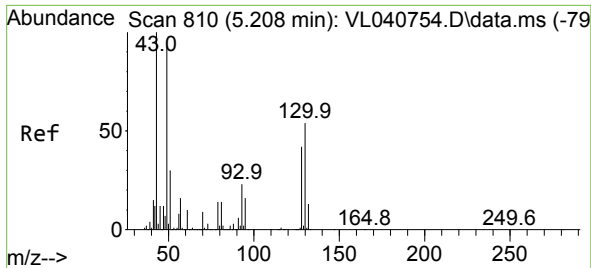
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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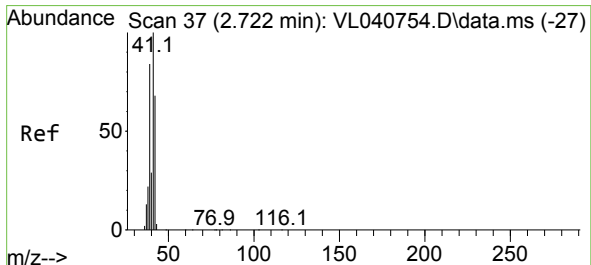
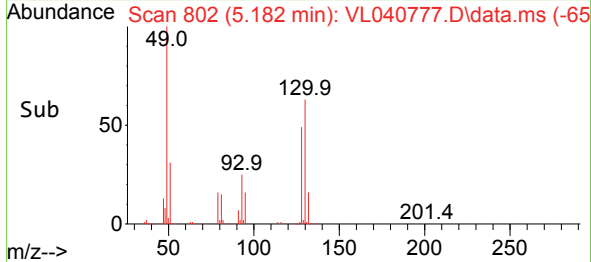
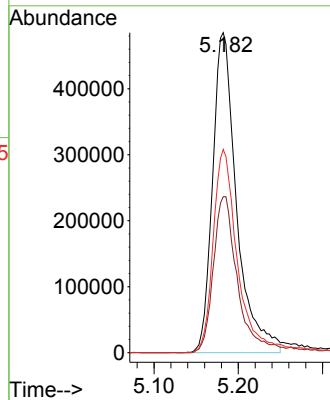
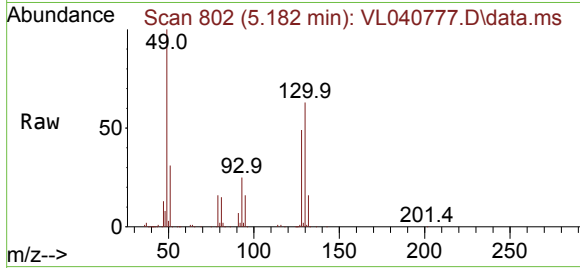




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

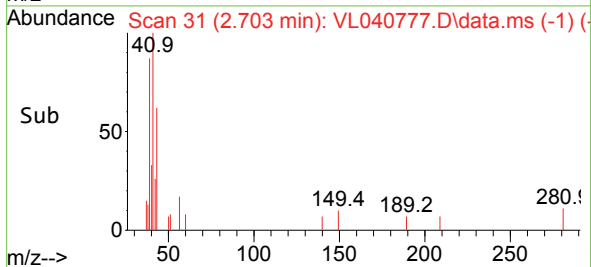
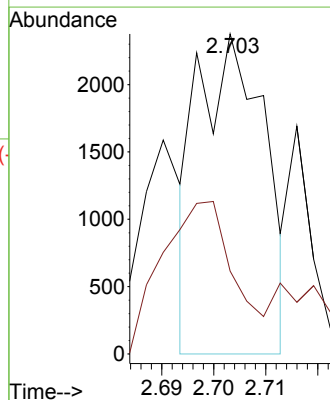
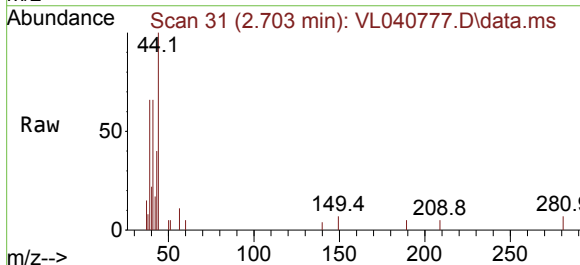
Instrument :
MSVOA_L
ClientSampleId :

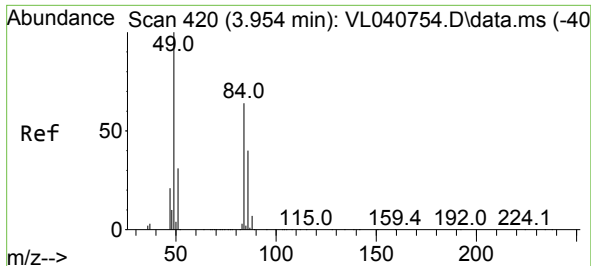
Tgt Ion: 49 Resp: 959427
Ion Ratio Lower Upper
49 100
128 51.5 23.9 71.7
130 65.6 30.7 92.1



#9
Propene
Concen: 0.040 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

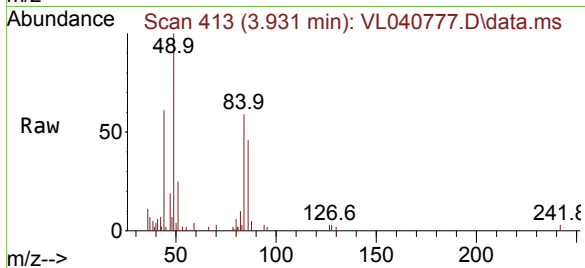
Tgt Ion: 41 Resp: 2111
Ion Ratio Lower Upper
41 100
42 71.7 57.1 85.7



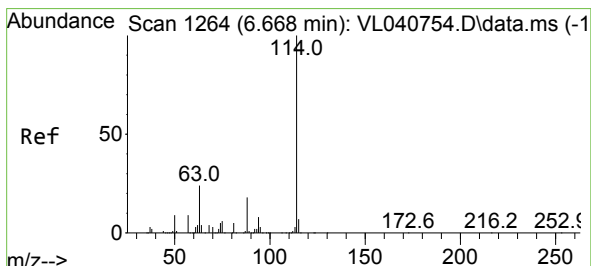
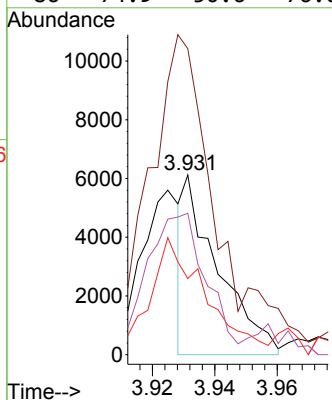
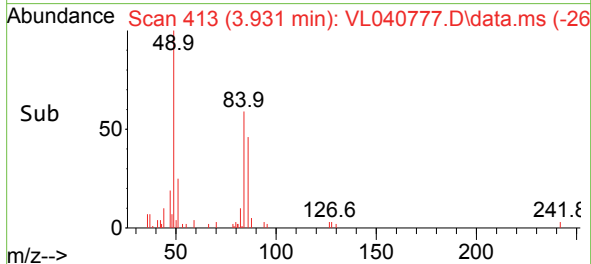


#20
Methylene Chloride
Concen: 0.114 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.022 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :

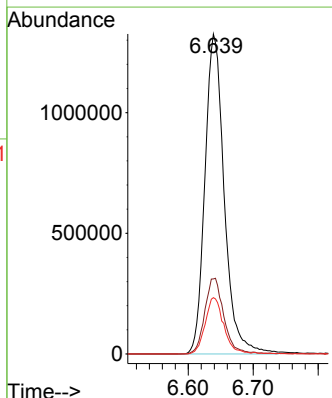
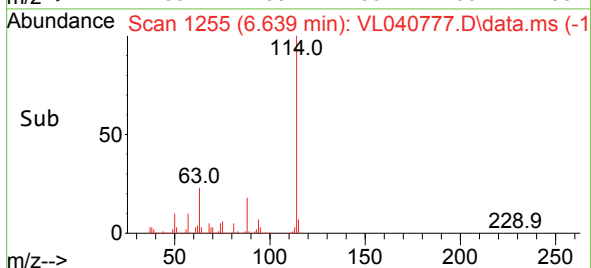
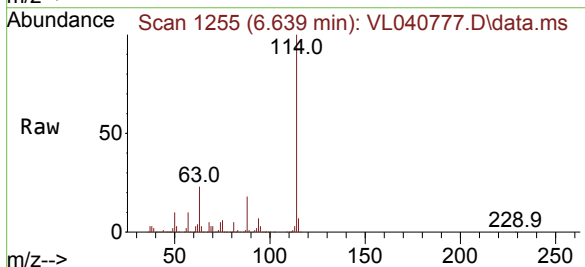


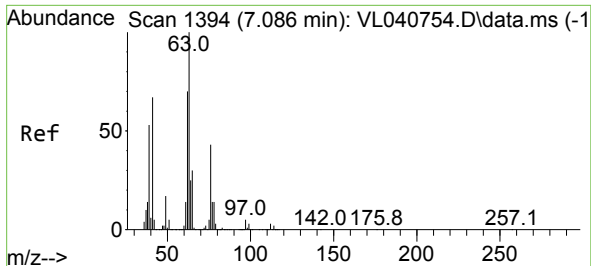
Tgt Ion: 84 Resp: 4715
Ion Ratio Lower Upper
84 100
49 149.4 125.6 188.4
51 31.7 38.9 58.3#
86 74.9 50.6 76.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.029 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

Tgt Ion: 114 Resp: 2749013
Ion Ratio Lower Upper
114 100
63 23.6 19.8 29.6
88 17.2 14.2 21.2





#39

1,2-Dichloropropane

Concen: 7.694 ppbv

RT: 6.642 min Scan# 1

Delta R.T. -0.444 min

Lab File: VL040777.D

Acq: 23 Oct 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

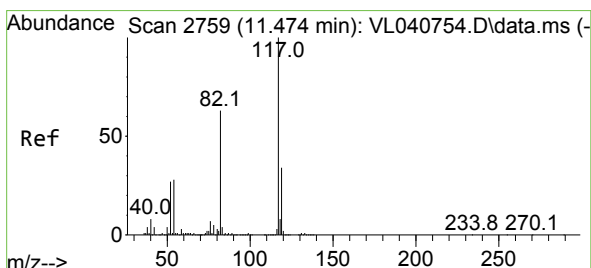
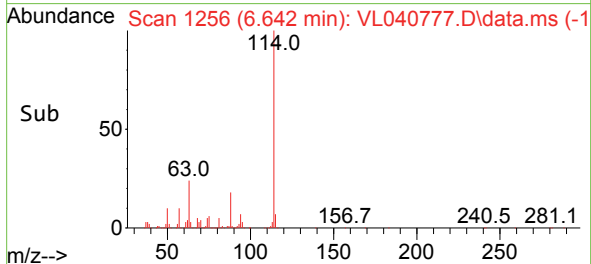
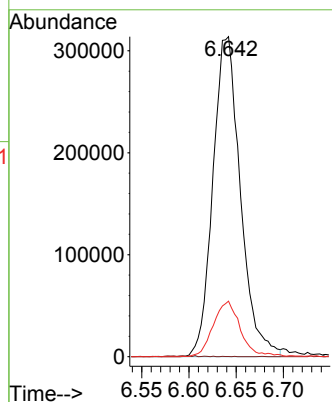
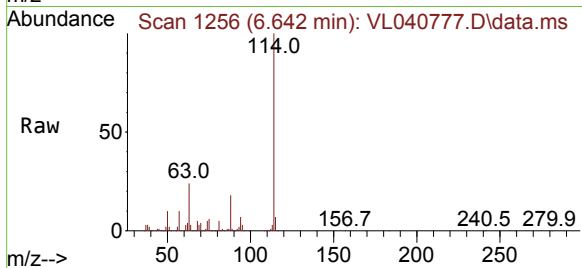
Tgt Ion: 63 Resp: 635631

Ion Ratio Lower Upper

63 100

41 0.1 53.7 80.5#

62 17.4 55.7 83.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 2751

Delta R.T. -0.026 min

Lab File: VL040777.D

Acq: 23 Oct 2023 13:46

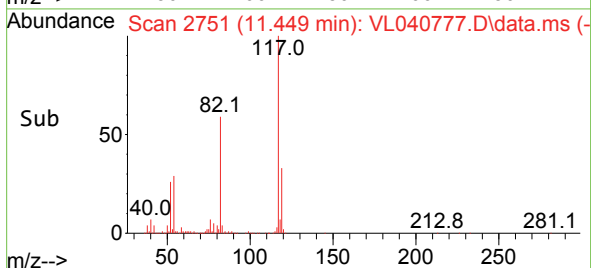
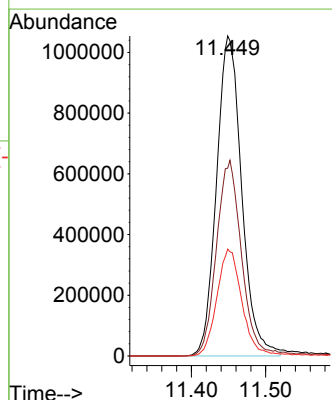
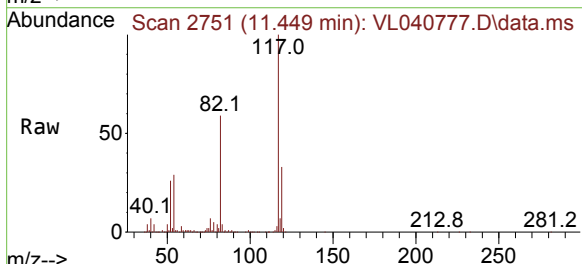
Tgt Ion: 117 Resp: 2488306

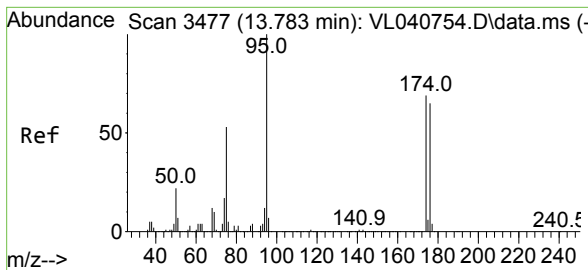
Ion Ratio Lower Upper

117 100

82 62.1 46.6 70.0

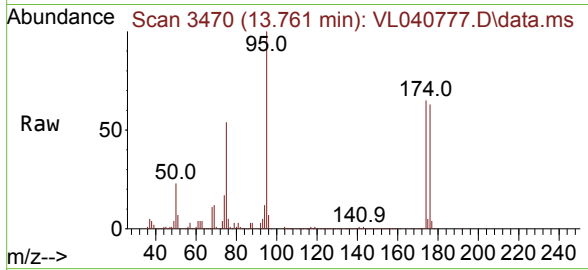
119 33.9 26.0 39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.346 ppbv
 RT: 13.761 min Scan# 34
 Delta R.T. -0.022 min
 Lab File: VL040777.D
 Acq: 23 Oct 2023 13:46

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1894354

Ion	Ratio	Lower	Upper
95	100		
174	67.3	54.7	82.1
175	5.0	4.2	6.4

