

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041153.D
 Acq On : 23 Apr 2024 9:52
 Operator : SY/MD
 Sample : VL0423ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 24 02:49:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Apr 24 02:47:46 2024
 Response via : Initial Calibration

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

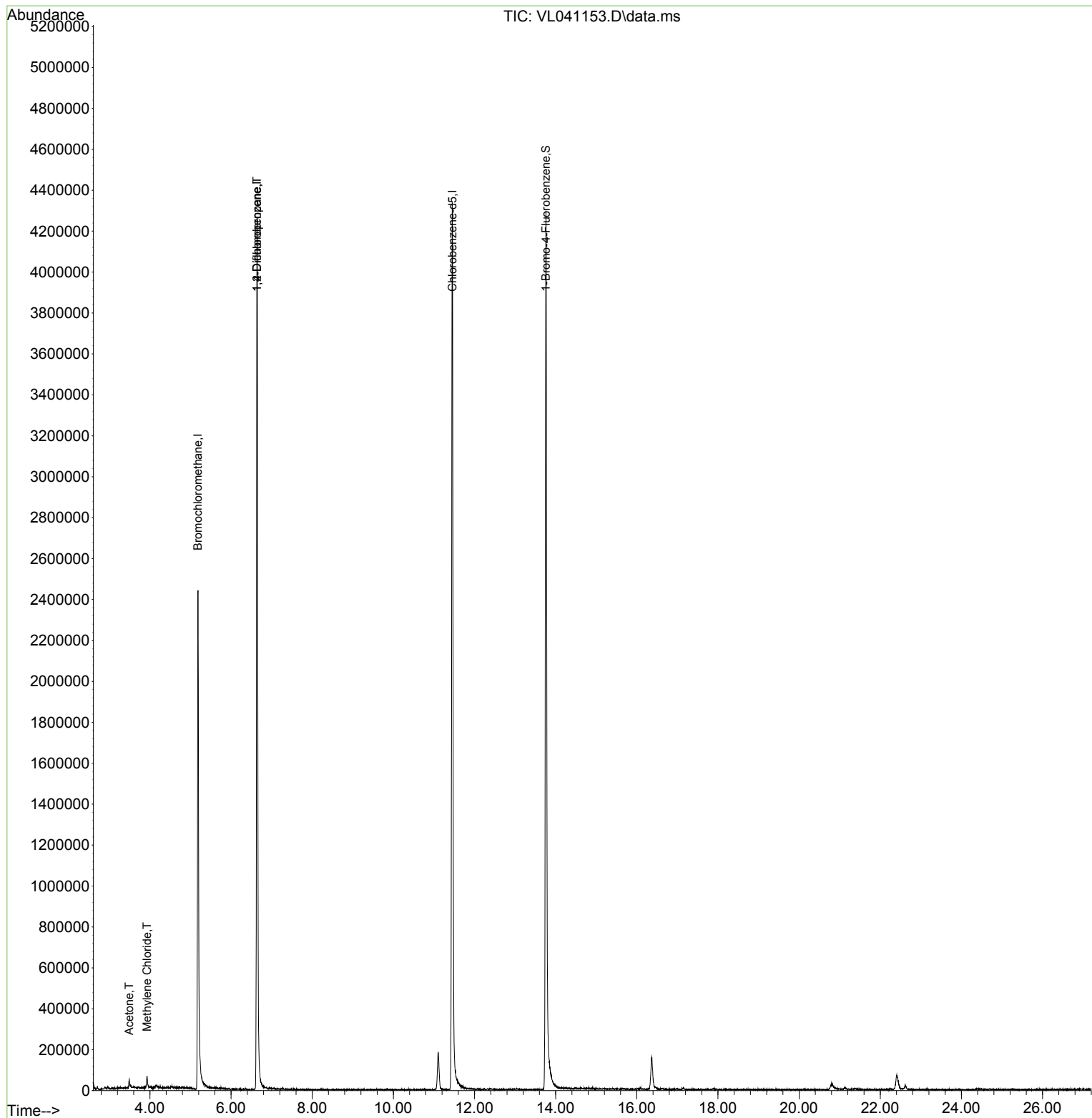
Internal Standards						
1) Bromochloromethane	5.182	49	1216748	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3281723	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2873385	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2278179	9.860	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
					Qvalue	
15) Acetone	3.491	43	40440	0.307	ppbv #	83
20) Methylene Chloride	3.931	84	17015	0.313	ppbv #	84
39) 1,2-Dichloropropane	6.639	63	808155	8.505	ppbv #	24

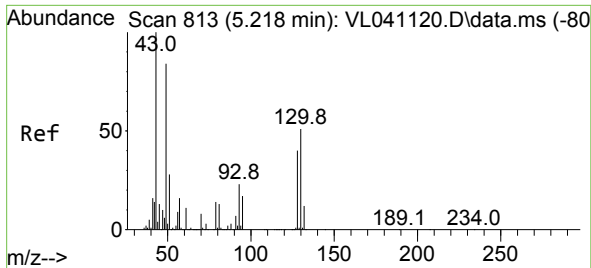
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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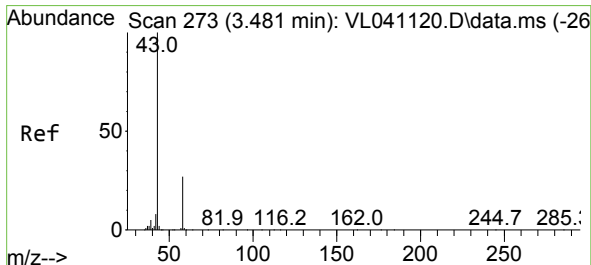
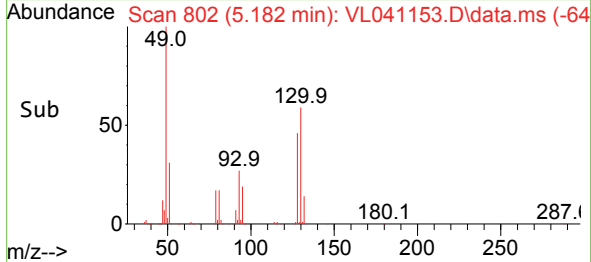
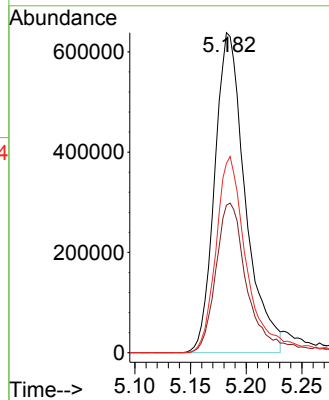
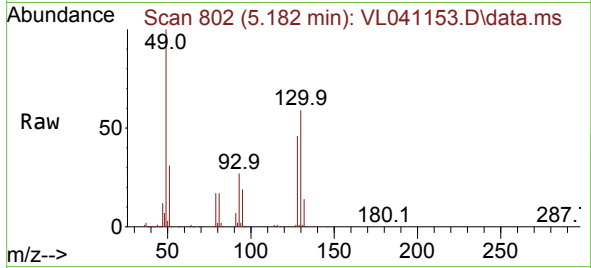




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041153.D
Acq: 23 Apr 2024 9:52

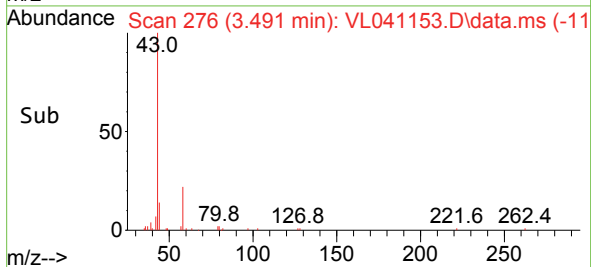
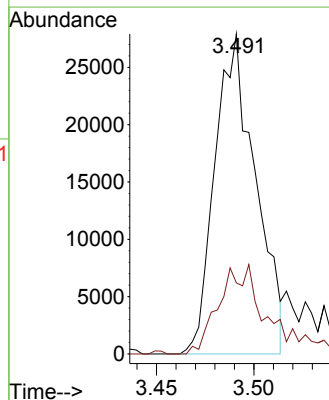
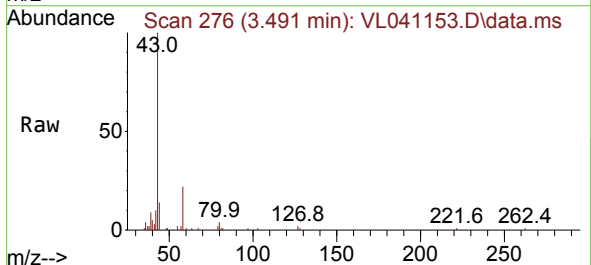
Instrument :
MSVOA_L
ClientSampleId :

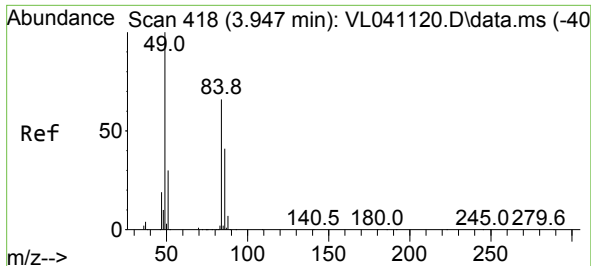
Tgt Ion: 49 Resp: 1216748
Ion Ratio Lower Upper
49 100
128 50.3 23.6 71.0
130 64.4 30.1 90.5



#15
Acetone
Concen: 0.307 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.022 min
Lab File: VL041153.D
Acq: 23 Apr 2024 9:52

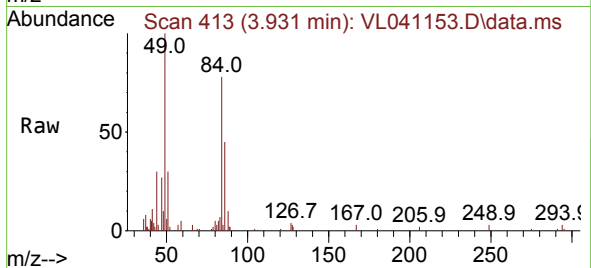
Tgt Ion: 43 Resp: 40440
Ion Ratio Lower Upper
43 100
58 35.3 21.1 31.7#



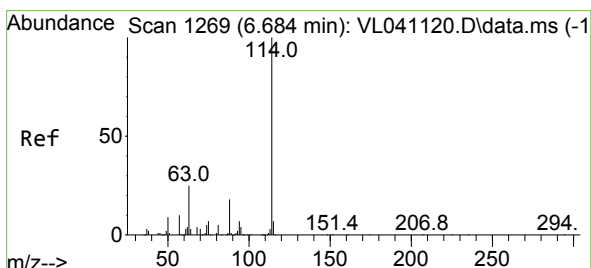
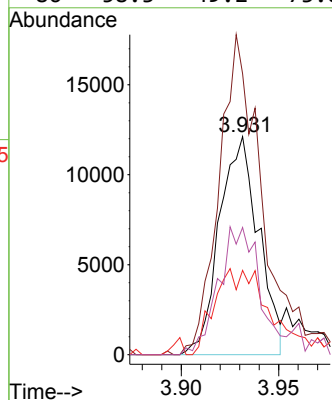
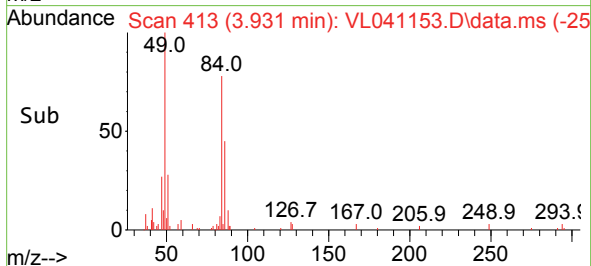


#20
Methylene Chloride
Concen: 0.313 ppbv
RT: 3.931 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041153.D
Acq: 23 Apr 2024 9:52

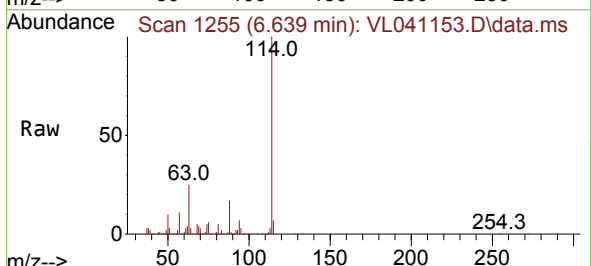
Instrument :
MSVOA_L
ClientSampleId :



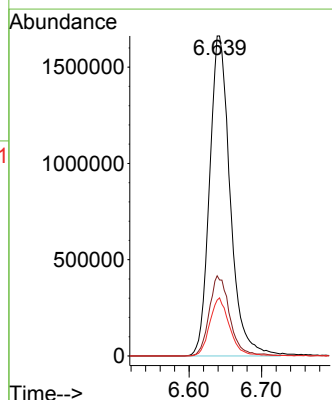
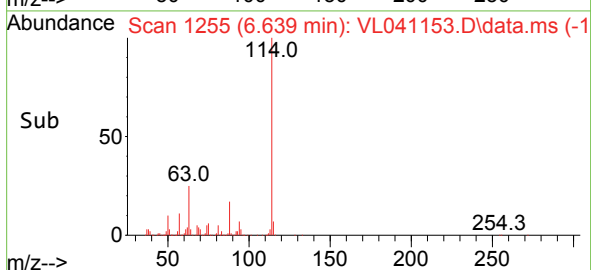
Tgt Ion: 84 Resp: 17015
Ion Ratio Lower Upper
84 100
49 126.8 120.7 181.1
51 30.8 36.6 54.8#
86 58.3 49.2 73.8

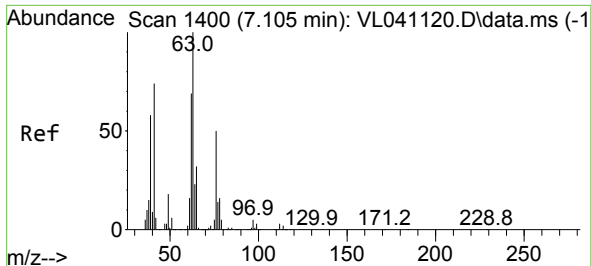


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VL041153.D
Acq: 23 Apr 2024 9:52



Tgt Ion: 114 Resp: 3281723
Ion Ratio Lower Upper
114 100
63 25.3 20.9 31.3
88 17.8 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.505 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL041153.D

Acq: 23 Apr 2024 9:52

Instrument :

MSVOA_L

ClientSampleId :

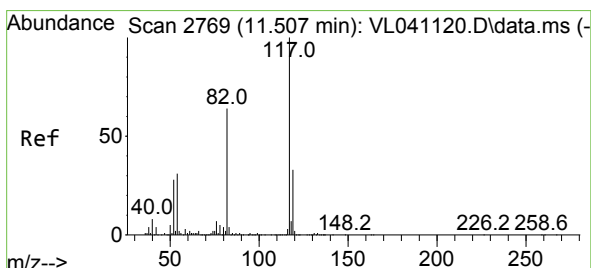
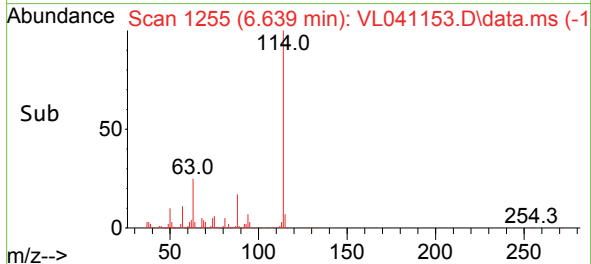
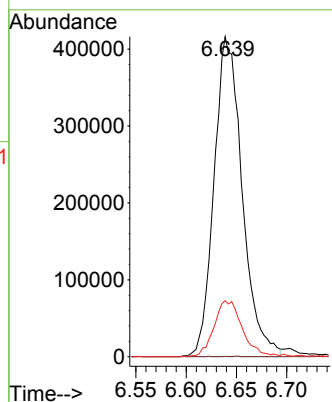
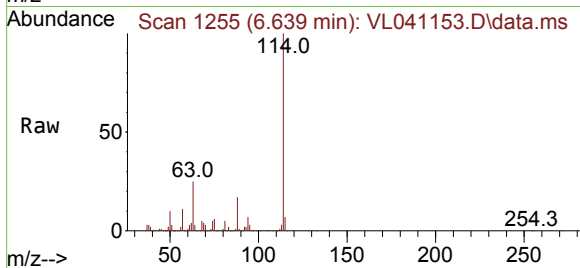
Tgt Ion: 63 Resp: 808155

Ion Ratio Lower Upper

63 100

41 0.1 58.7 88.1#

62 17.5 55.5 83.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.003 min

Lab File: VL041153.D

Acq: 23 Apr 2024 9:52

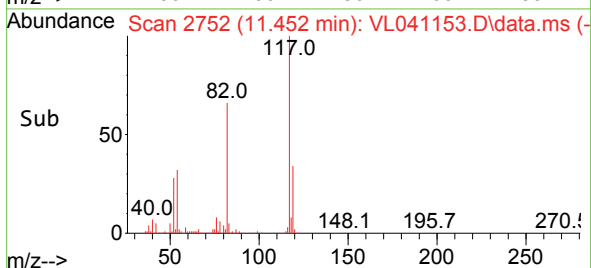
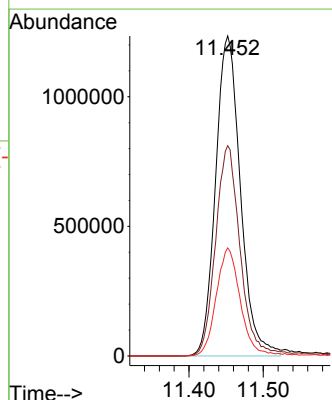
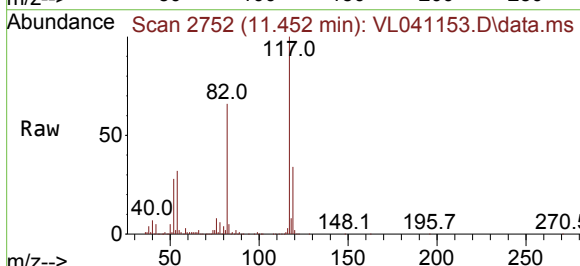
Tgt Ion: 117 Resp: 2873385

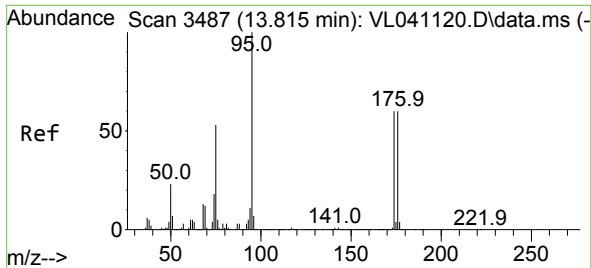
Ion Ratio Lower Upper

117 100

82 66.4 51.0 76.6

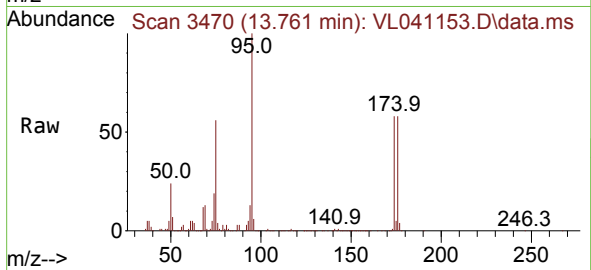
119 33.3 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.860 ppbv
 RT: 13.761 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL041153.D
 Acq: 23 Apr 2024 9:52

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 2278179

Ion	Ratio	Lower	Upper
95	100		
174	60.4	49.3	73.9
175	4.4	3.6	5.4

