

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041306.D
 Acq On : 4 Jun 2024 15:19
 Operator : SY/MD
 Sample : VL0604ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABL01

Quant Time: Jun 05 05:27:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	959910	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2551256	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2316758	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1779351	9.947	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
15) Acetone	3.517	43	4766	0.043	ppbv #	49
20) Methylene Chloride	3.951	84	5279	0.133	ppbv #	64
39) 1,2-Dichloropropane	6.655	63	641046	8.141	ppbv #	24

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

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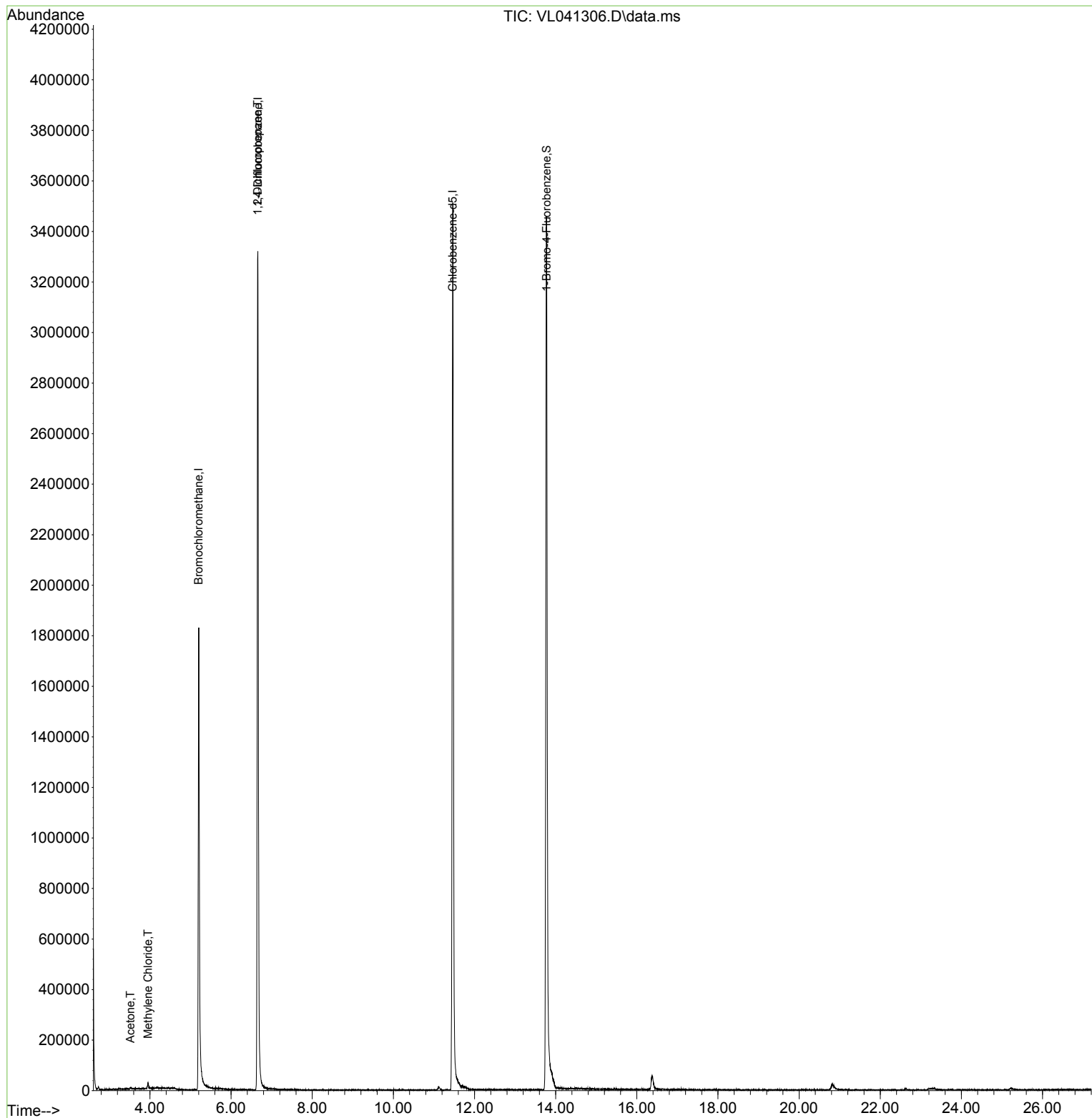
Quant Time: Jun 05 05:27:09 2024

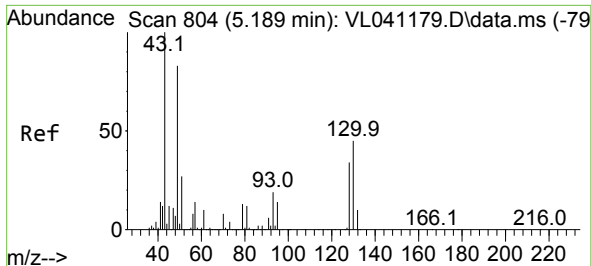
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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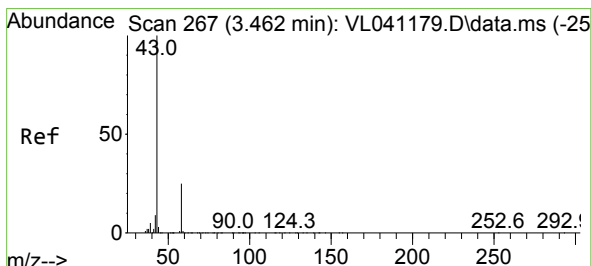
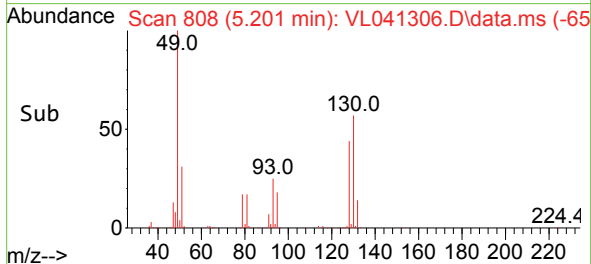
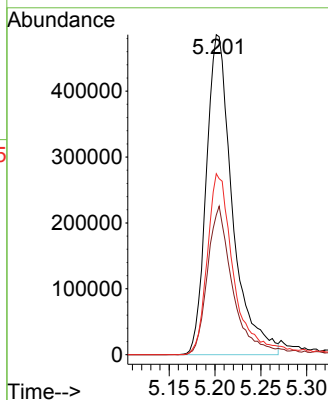
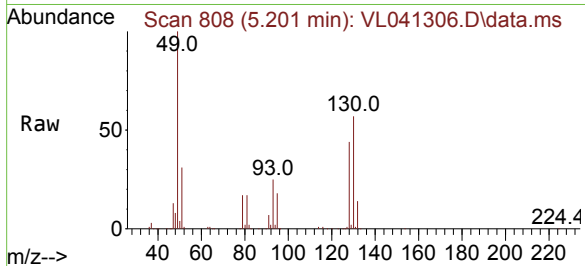




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL041306.D
Acq: 4 Jun 2024 15:19

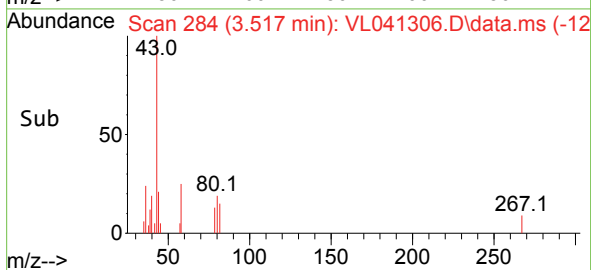
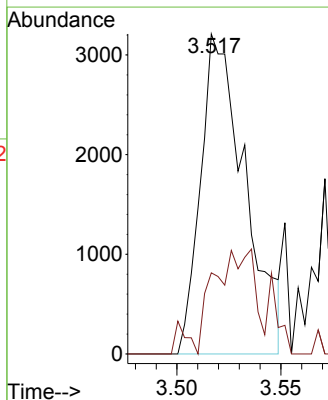
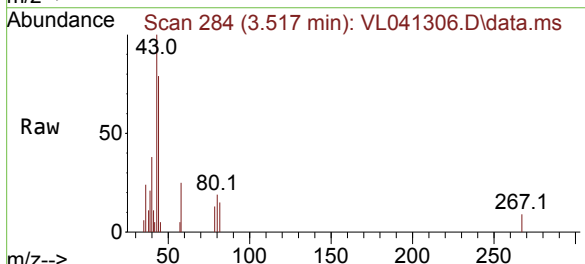
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABL01

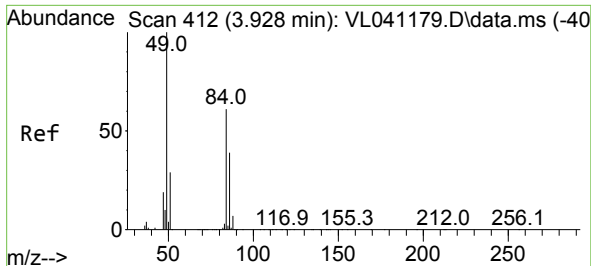
Tgt Ion: 49 Resp: 959910
Ion Ratio Lower Upper
49 100
128 47.1 22.8 68.3
130 59.8 28.4 85.3



#15
Acetone
Concen: 0.043 ppbv
RT: 3.517 min Scan# 284
Delta R.T. 0.029 min
Lab File: VL041306.D
Acq: 4 Jun 2024 15:19

Tgt Ion: 43 Resp: 4766
Ion Ratio Lower Upper
43 100
58 0.0 20.6 31.0#

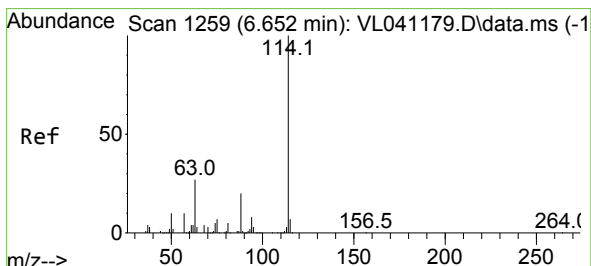
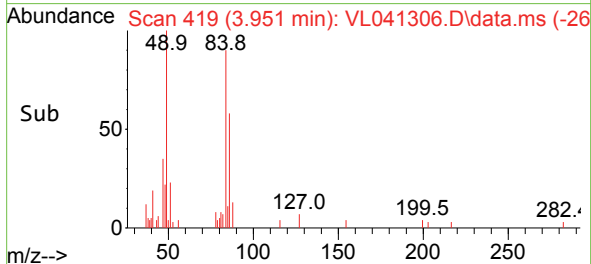
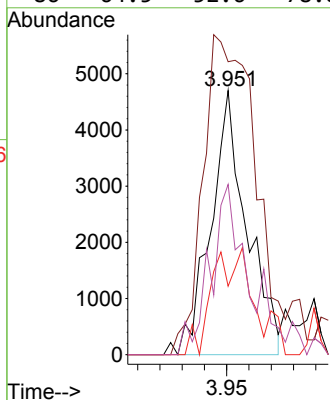
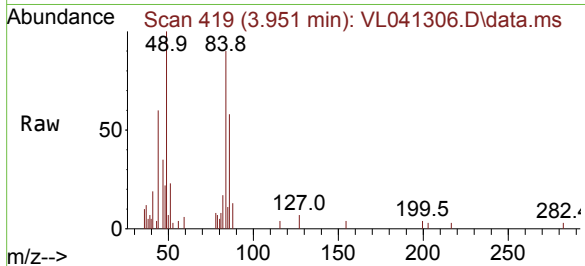




#20
Methylene Chloride
Concen: 0.133 ppbv
RT: 3.951 min Scan# 412
Delta R.T. -0.000 min
Lab File: VL041306.D
Acq: 4 Jun 2024 15:19

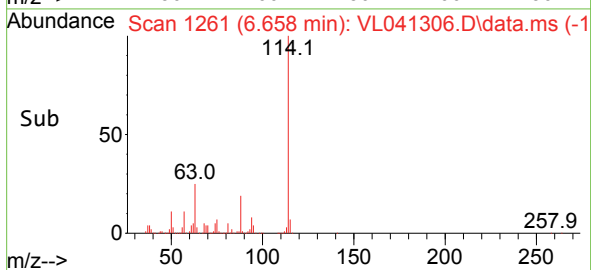
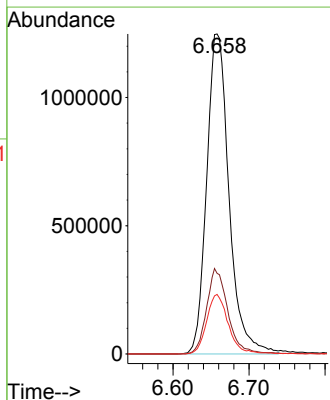
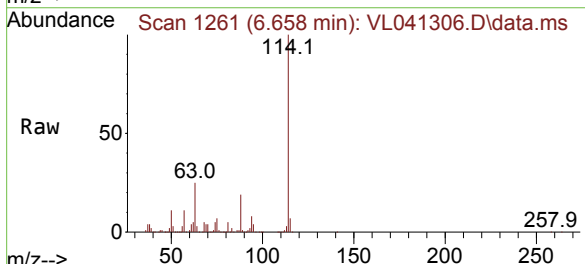
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABL01

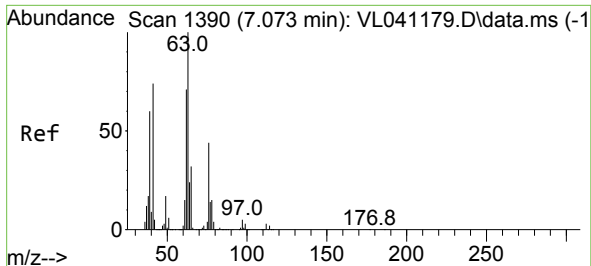
Tgt Ion: 84 Resp: 5279
Ion Ratio Lower Upper
84 100
49 103.0 136.2 204.2#
51 25.9 41.9 62.9#
86 64.5 52.6 78.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VL041306.D
Acq: 4 Jun 2024 15:19

Tgt Ion: 114 Resp: 2551256
Ion Ratio Lower Upper
114 100
63 25.5 20.6 30.8
88 18.2 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.141 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.425 min

Lab File: VL041306.D

Acq: 4 Jun 2024 15:19

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABL01

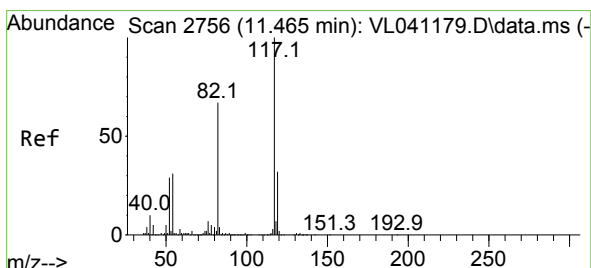
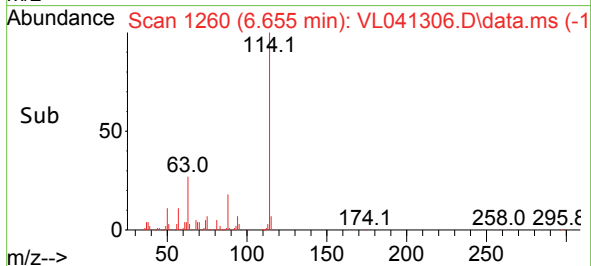
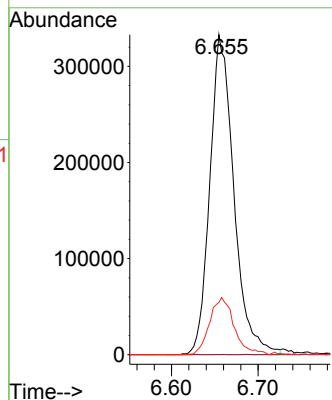
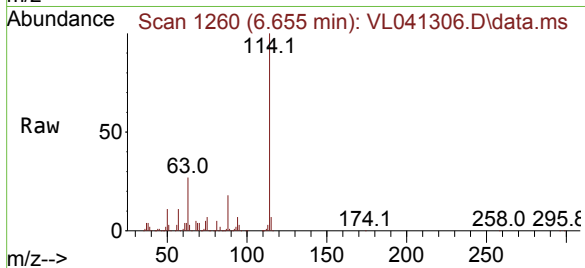
Tgt Ion: 63 Resp: 641046

Ion Ratio Lower Upper

63 100

41 0.0 59.9 89.9#

62 16.4 53.8 80.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VL041306.D

Acq: 4 Jun 2024 15:19

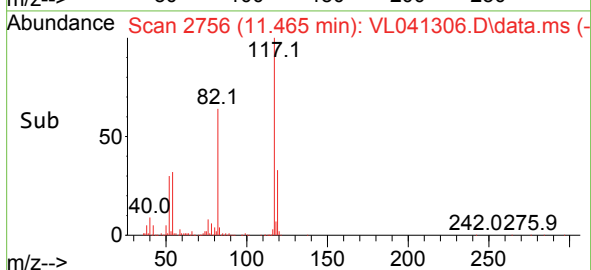
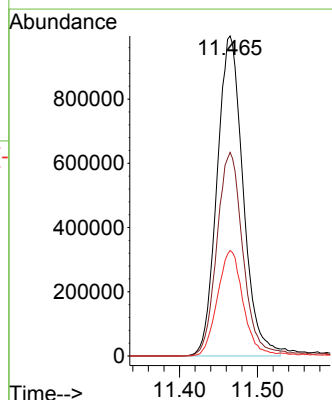
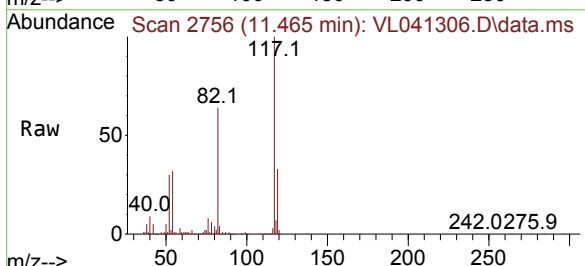
Tgt Ion: 117 Resp: 2316758

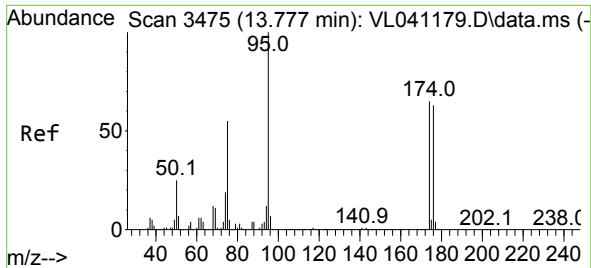
Ion Ratio Lower Upper

117 100

82 65.6 52.3 78.5

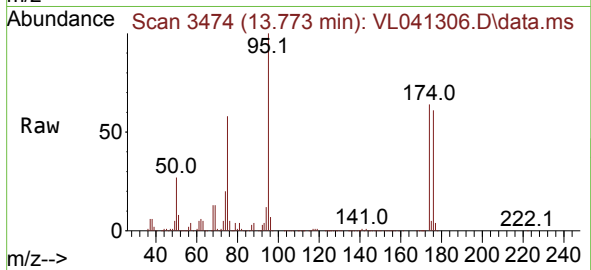
119 33.2 26.2 39.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.947 ppbv
 RT: 13.773 min Scan# 3475
 Delta R.T. 0.003 min
 Lab File: VL041306.D
 Acq: 4 Jun 2024 15:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABL01



Tgt Ion: 95 Resp: 1779351
 Ion Ratio Lower Upper
 95 100
 174 65.9 52.2 78.2
 175 4.9 4.1 6.1

