

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042634.D
 Acq On : 16 Jun 2025 18:03
 Operator : SY/MD
 Sample : QC061625 CAN 23182
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061625 CAN 23182

Quant Time: Jun 17 03:09:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

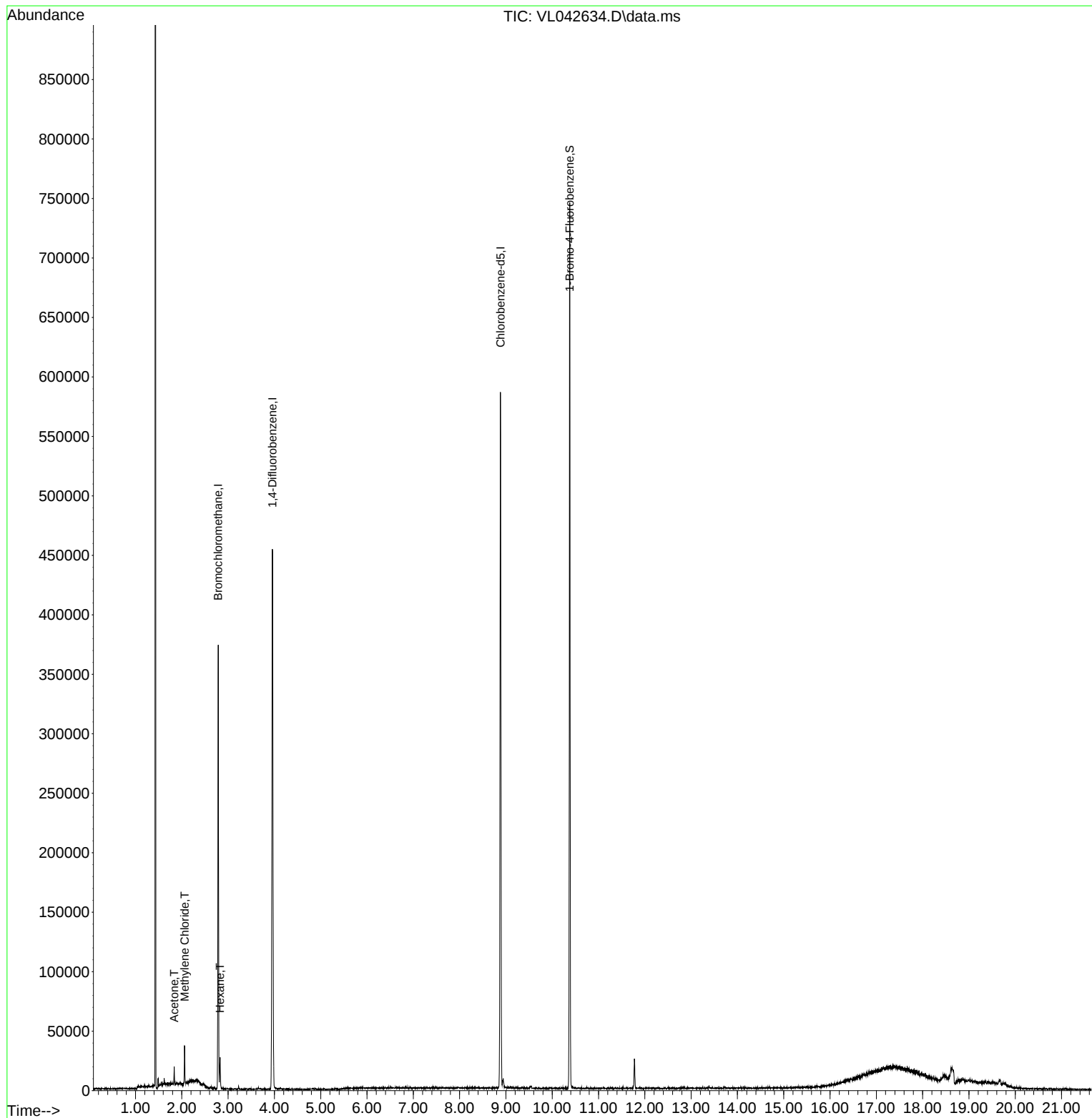
Internal Standards						
1) Bromochloromethane	2.787	49	101310	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	264995	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	232858	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	182074	10.431	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%
Target Compounds						
					Qvalue	
15) Acetone	1.835	43	6641	0.544	ppbv	95
20) Methylene Chloride	2.062	84	4751	1.180	ppbv #	93
26) Hexane	2.826	57	5829	0.384	ppbv #	38

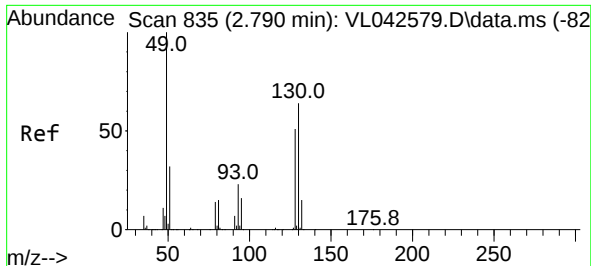
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
Data File : VL042634.D
Acq On : 16 Jun 2025 18:03
Operator : SY/MD
Sample : QC061625 CAN 23182
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Quant Time: Jun 17 03:09:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

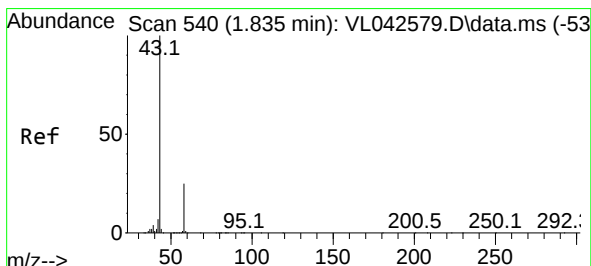
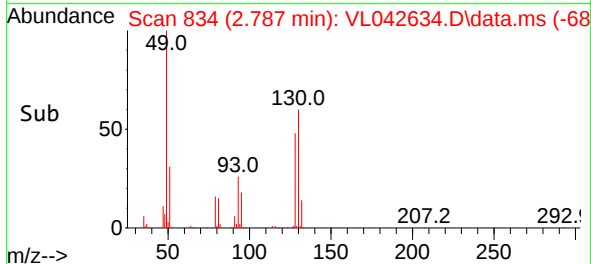
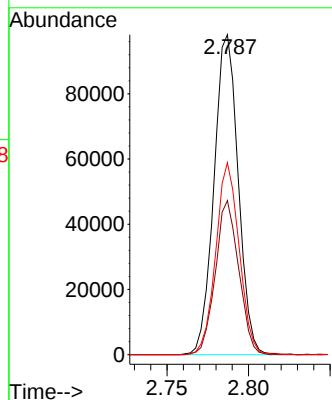
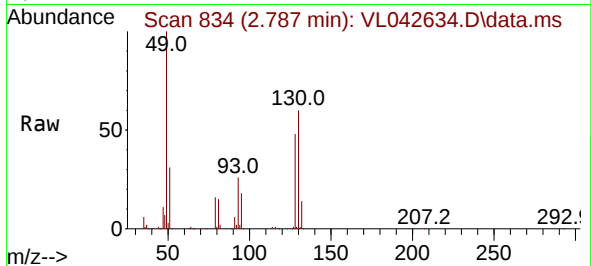




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042634.D
Acq: 16 Jun 2025 18:03

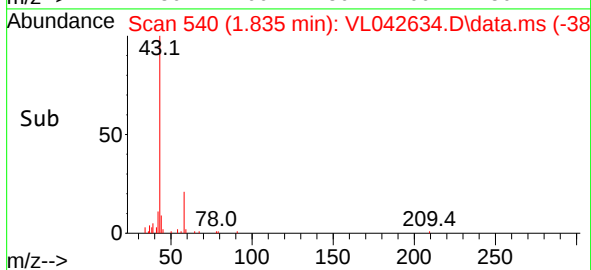
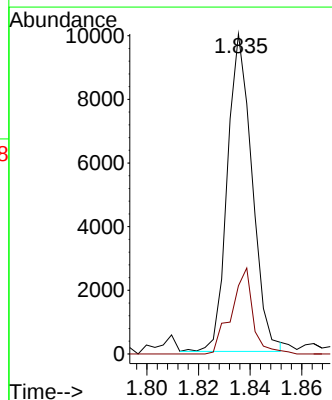
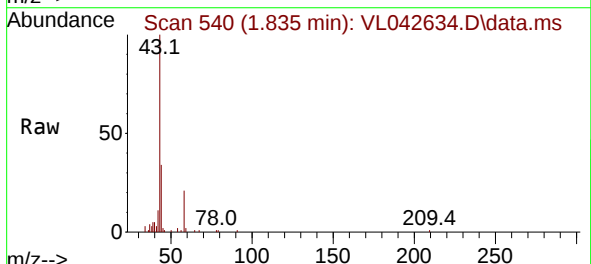
Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

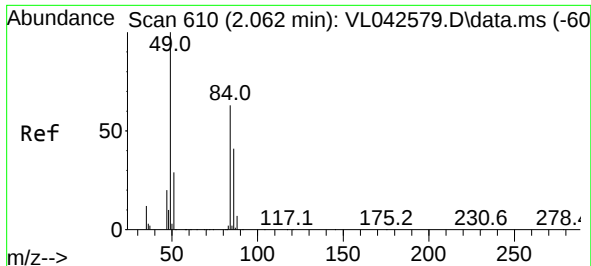
Tgt Ion: 49 Resp: 101310
Ion Ratio Lower Upper
49 100
128 46.5 24.2 72.6
130 57.9 30.4 91.2



#15
Acetone
Concen: 0.544 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042634.D
Acq: 16 Jun 2025 18:03

Tgt Ion: 43 Resp: 6641
Ion Ratio Lower Upper
43 100
58 23.8 21.0 31.4

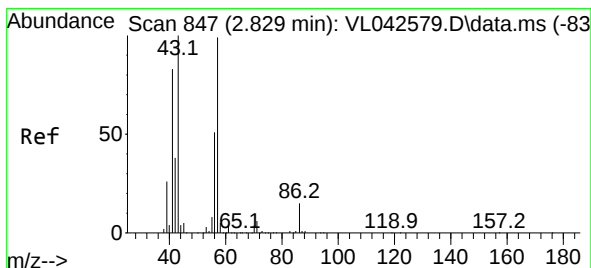
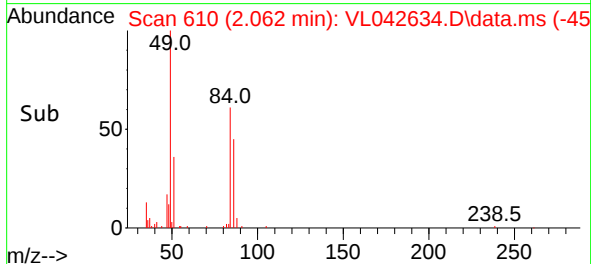
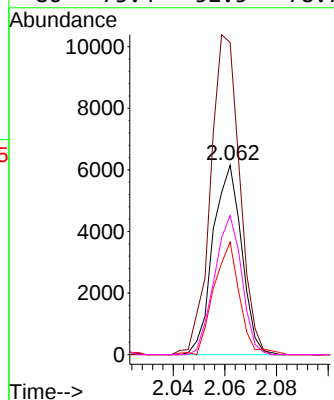
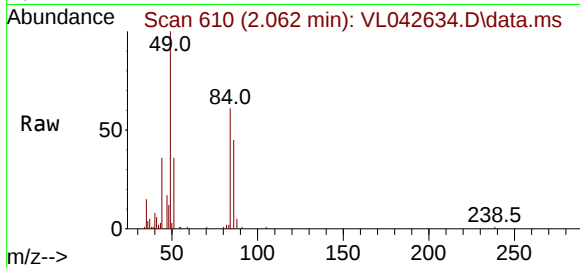




#20
Methylene Chloride
Concen: 1.180 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042634.D
Acq: 16 Jun 2025 18:03

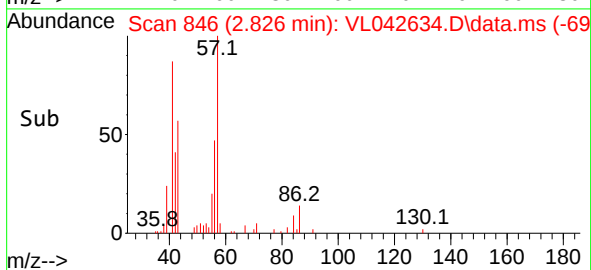
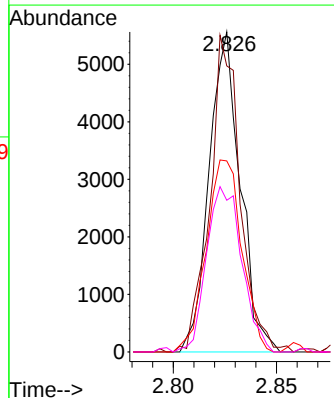
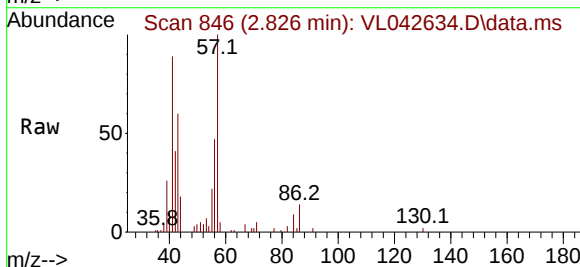
Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

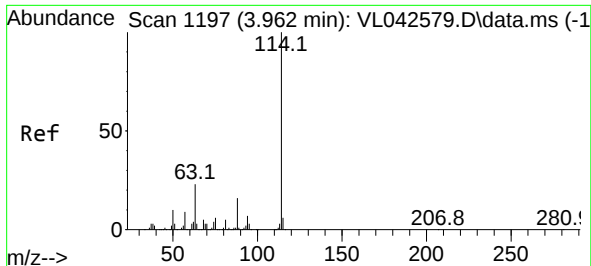
Tgt Ion:	84	Resp:	4751
Ion	Ratio	Lower	Upper
84	100		
49	164.9	128.8	193.2
51	58.7	38.6	57.8#
86	73.4	52.5	78.7



#26
Hexane
Concen: 0.384 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042634.D
Acq: 16 Jun 2025 18:03

Tgt Ion:	57	Resp:	5829
Ion	Ratio	Lower	Upper
57	100		
41	97.1	70.6	106.0
43	70.9	181.1	271.7#
56	59.3	42.2	63.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.003 min

Lab File: VL042634.D

Acq: 16 Jun 2025 18:03

Instrument :

MSVOA_L

ClientSampleId :

QC061625 CAN 23182

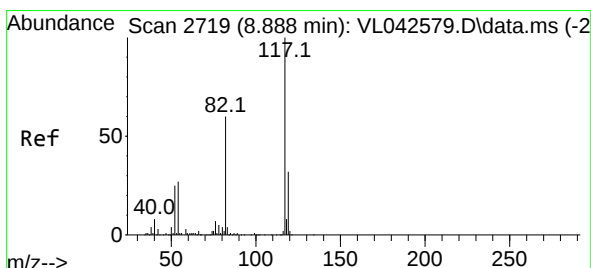
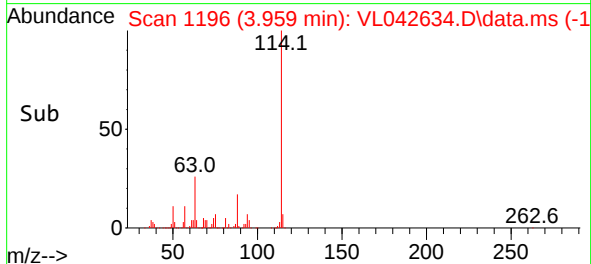
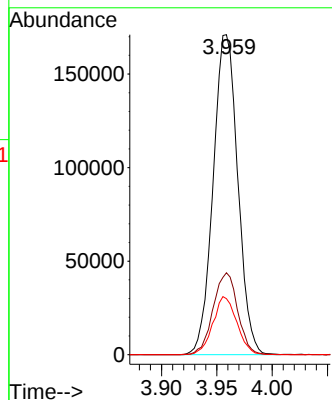
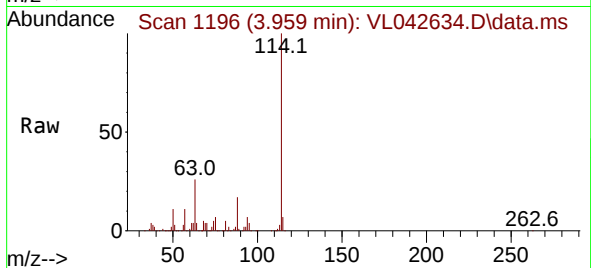
Tgt Ion:114 Resp: 264995

Ion Ratio Lower Upper

114 100

63 25.6 19.0 28.6

88 17.7 13.6 20.4



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2717

Delta R.T. -0.006 min

Lab File: VL042634.D

Acq: 16 Jun 2025 18:03

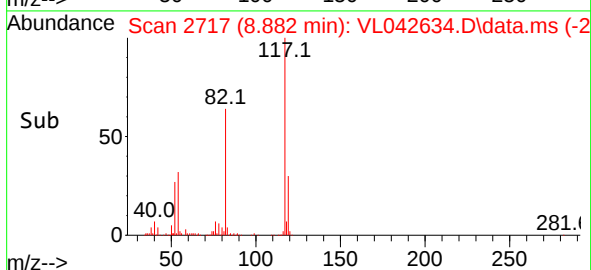
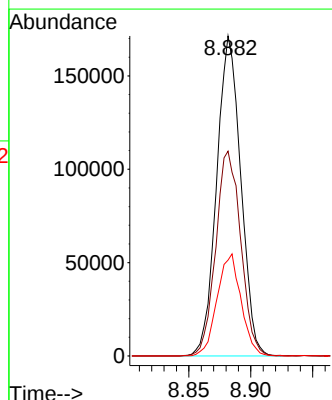
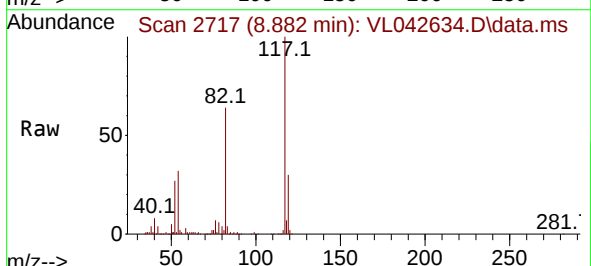
Tgt Ion:117 Resp: 232858

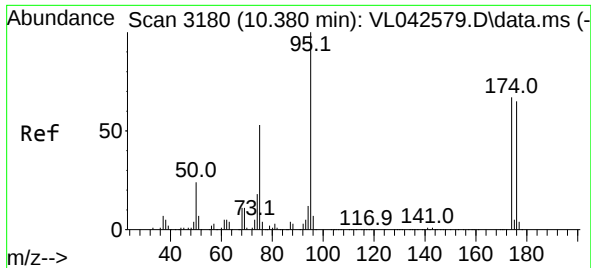
Ion Ratio Lower Upper

117 100

82 66.3 51.2 76.8

119 31.7 26.3 39.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.431 ppbv
 RT: 10.377 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL042634.D
 Acq: 16 Jun 2025 18:03

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061625 CAN 23182

Tgt Ion: 95 Resp: 182074
 Ion Ratio Lower Upper
 95 100
 174 61.5 53.1 79.7
 175 4.4 4.2 6.2

