

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042089.D
 Acq On : 03 Mar 2025 21:31
 Operator : SY/MD
 Sample : QC022625 CAN 10682
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022625 CAN 10682

Quant Time: Mar 04 00:24:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

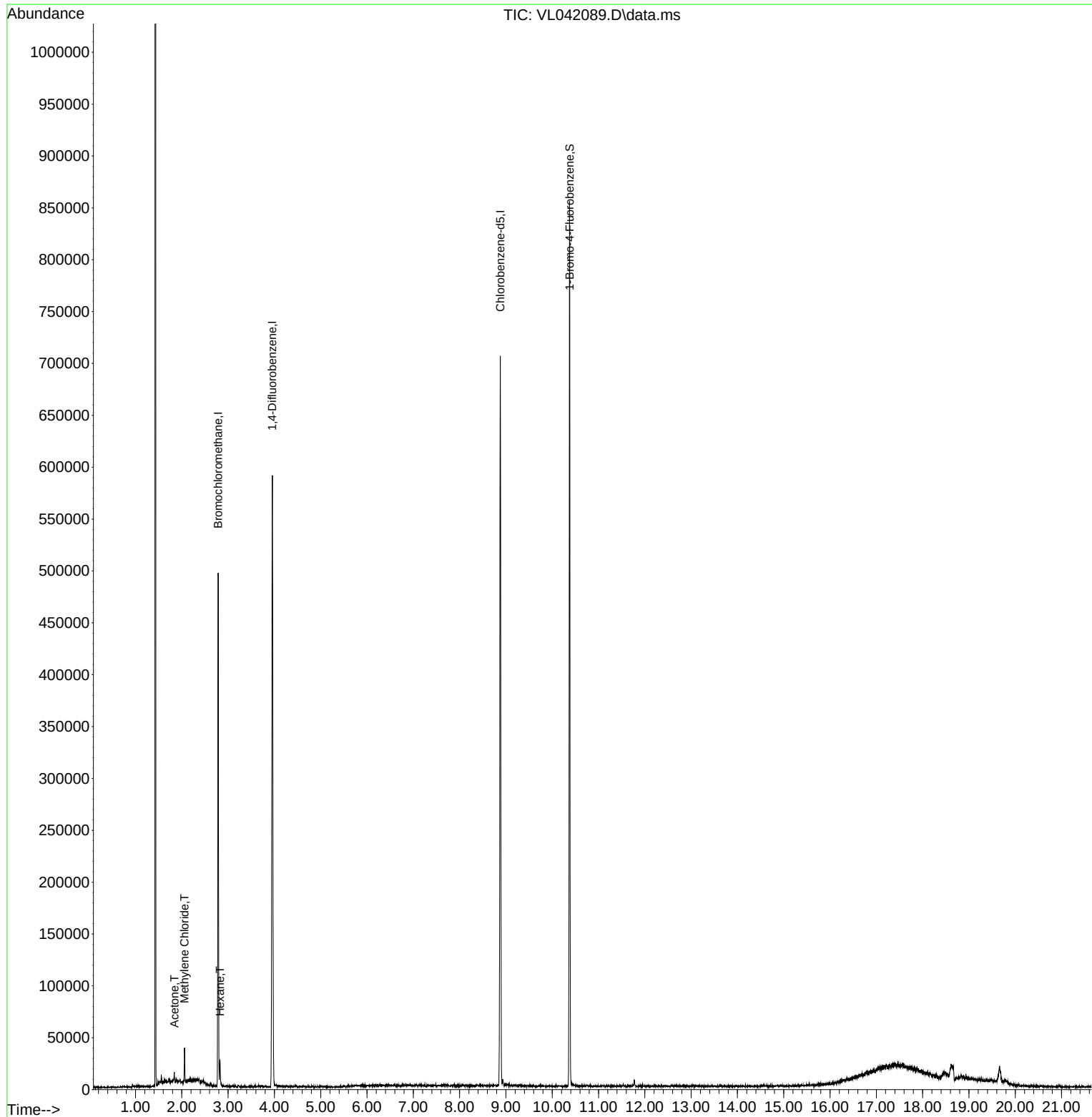
Internal Standards						
1) Bromochloromethane	2.784	49	148245	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.955	114	330656	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	278376	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	205488	9.595	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
15) Acetone	1.839	43	3495	0.267	ppbv #	87
20) Methylene Chloride	2.059	84	5074	1.025	ppbv #	89
26) Hexane	2.826	57	5118	0.242	ppbv #	33

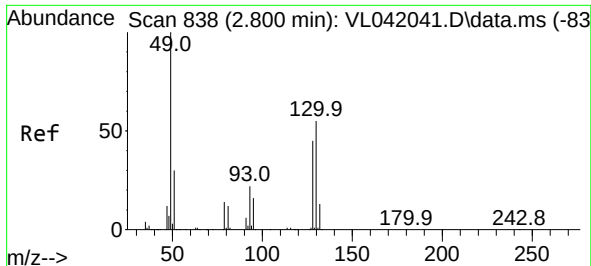
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 04 00:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

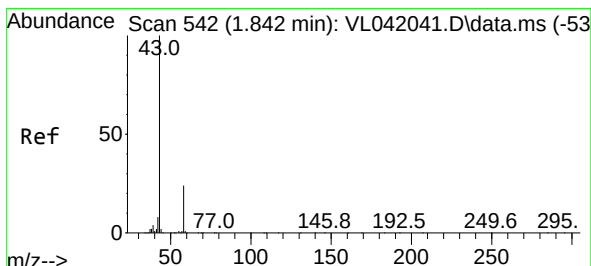
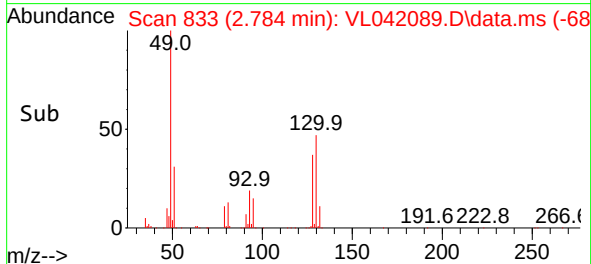
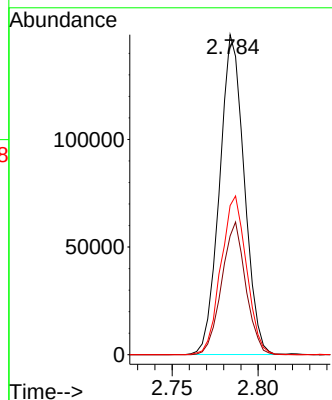
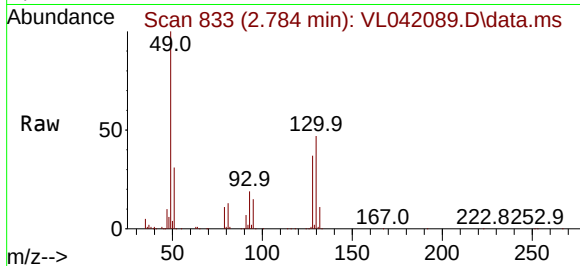




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.016 min
 Lab File: VL042089.D
 Acq: 03 Mar 2025 21:31

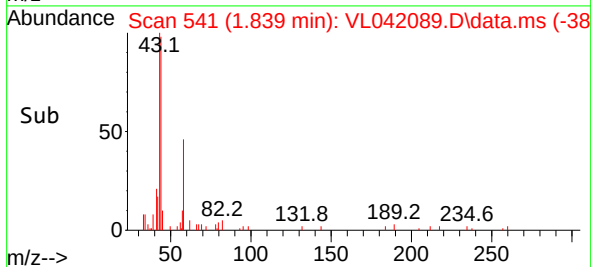
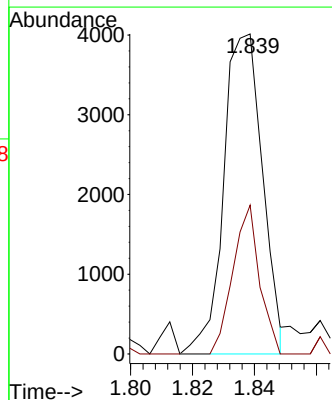
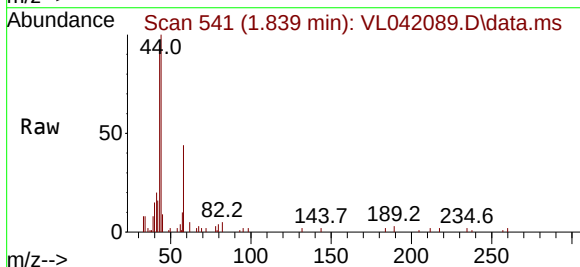
Instrument :
 MSVOA_L
 ClientSampleId :
 QC022625 CAN 10682

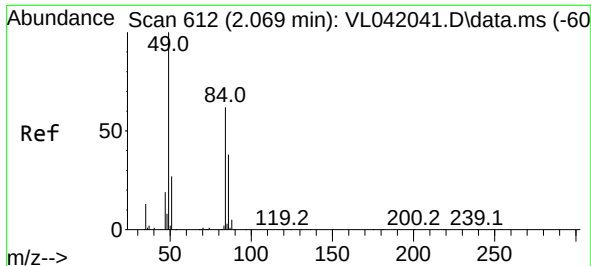
Tgt Ion: 49 Resp: 148245
 Ion Ratio Lower Upper
 49 100
 128 40.3 21.6 64.8
 130 51.5 27.8 83.4



#15
 Acetone
 Concen: 0.267 ppbv
 RT: 1.839 min Scan# 541
 Delta R.T. -0.003 min
 Lab File: VL042089.D
 Acq: 03 Mar 2025 21:31

Tgt Ion: 43 Resp: 3495
 Ion Ratio Lower Upper
 43 100
 58 32.7 20.7 31.1#

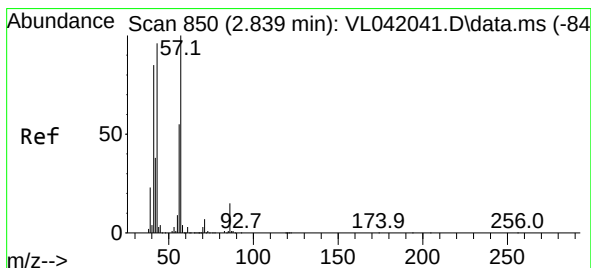
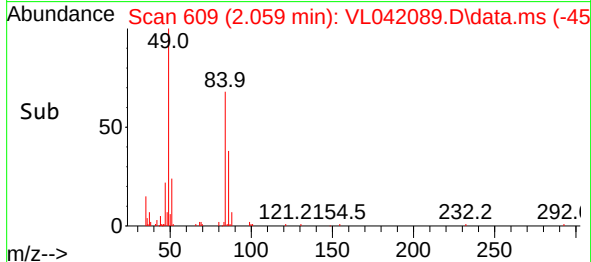
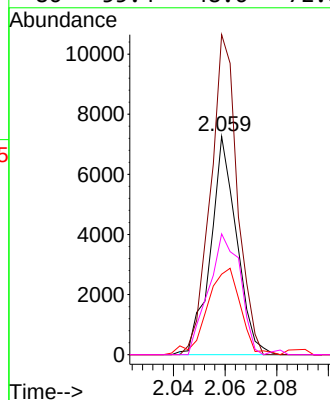
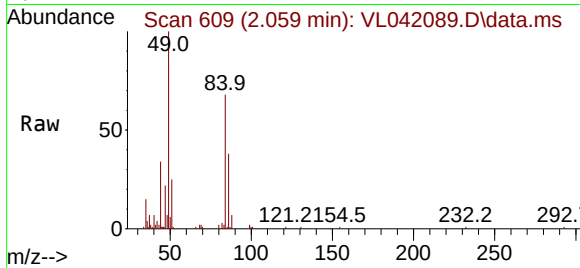




#20
Methylene Chloride
Concen: 1.025 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.010 min
Lab File: VL042089.D
Acq: 03 Mar 2025 21:31

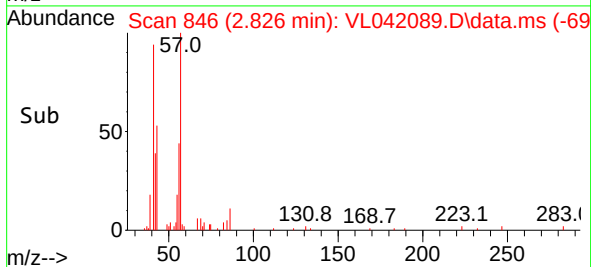
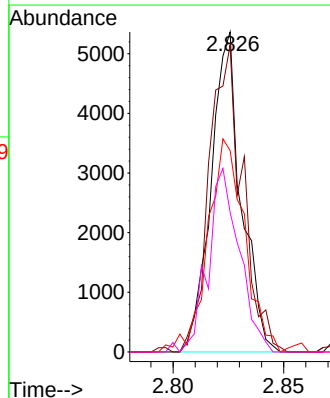
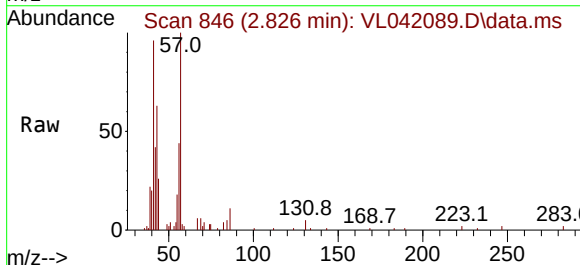
Instrument :
MSVOA_L
ClientSampleId :
QC022625 CAN 10682

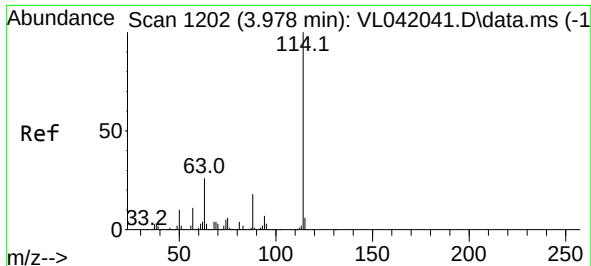
Tgt Ion:	84	Resp:	5074
Ion	Ratio	Lower	Upper
84	100		
49	146.6	130.0	195.0
51	36.9	37.4	56.0#
86	55.4	48.6	72.8



#26
Hexane
Concen: 0.242 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.013 min
Lab File: VL042089.D
Acq: 03 Mar 2025 21:31

Tgt Ion:	57	Resp:	5118
Ion	Ratio	Lower	Upper
57	100		
41	106.5	70.6	106.0#
43	81.4	199.4	299.0#
56	59.5	42.6	64.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1119

Delta R.T. -0.023 min

Lab File: VL042089.D

Acq: 03 Mar 2025 21:31

Instrument :

MSVOA_1

ClientSampleId :

QC022625 CAN 10682

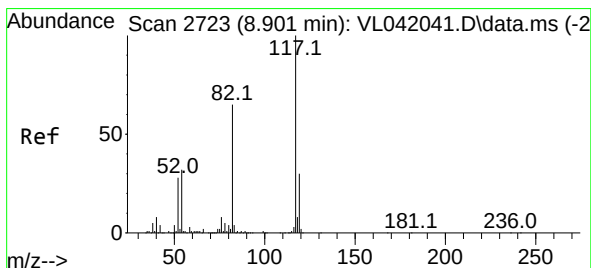
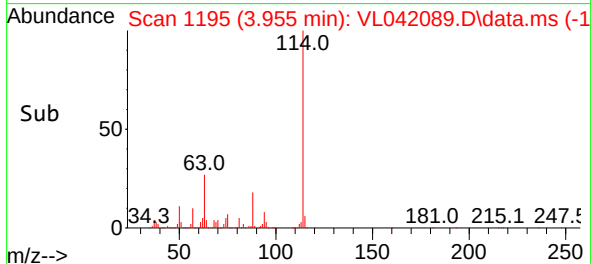
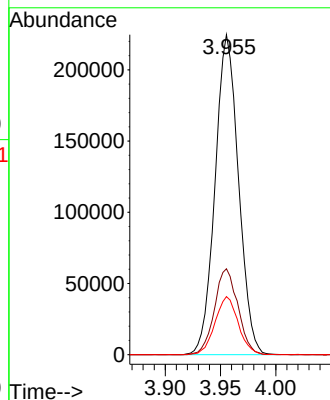
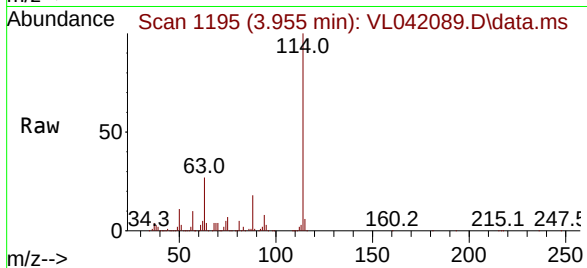
Tgt Ion:114 Resp: 330656

Ion Ratio Lower Upper

114 100

63 26.9 20.1 30.1

88 18.1 14.3 21.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.878 min Scan# 2716

Delta R.T. -0.023 min

Lab File: VL042089.D

Acq: 03 Mar 2025 21:31

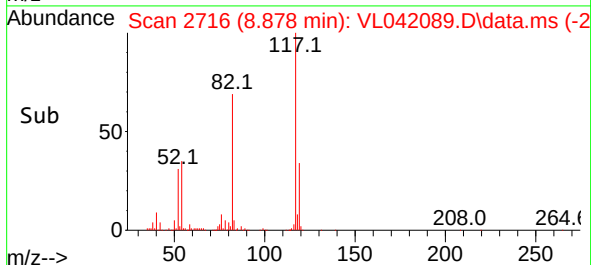
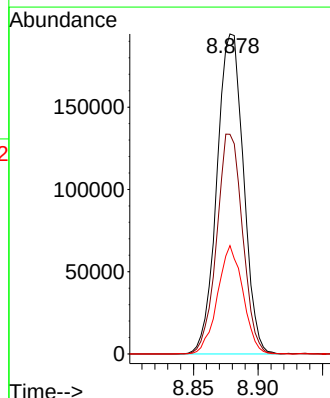
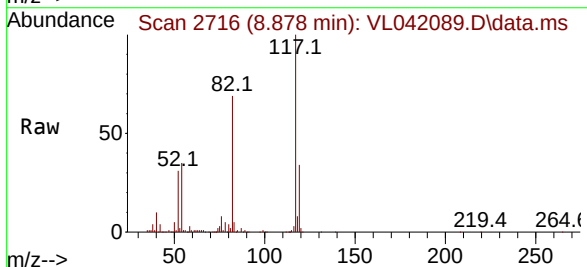
Tgt Ion:117 Resp: 278376

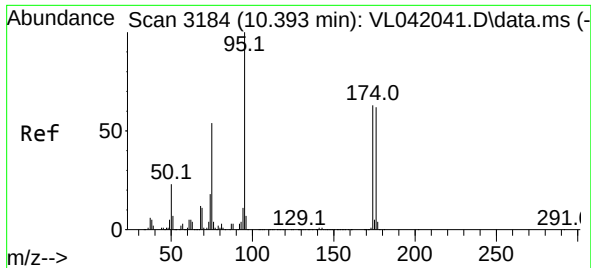
Ion Ratio Lower Upper

117 100

82 66.8 55.0 82.6

119 32.5 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.595 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: VL042089.D
 Acq: 03 Mar 2025 21:31

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022625 CAN 10682

Tgt Ion: 95 Resp: 205488

Ion	Ratio	Lower	Upper
95	100		
174	63.4	51.8	77.6
175	4.6	3.9	5.9

