

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042859.D
 Acq On : 13 Aug 2025 19:35
 Operator : SY/MD
 Sample : Q2794-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 02:21:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 14 2025
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	129623	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	388934	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	330714	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	251560	10.142	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
13) Ethanol	1.728	45	2734m	3.297	ppbv	
15) Acetone	1.842	43	13713	0.800	ppbv	98
20) Methylene Chloride	2.068	84	1363	0.190	ppbv #	68

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

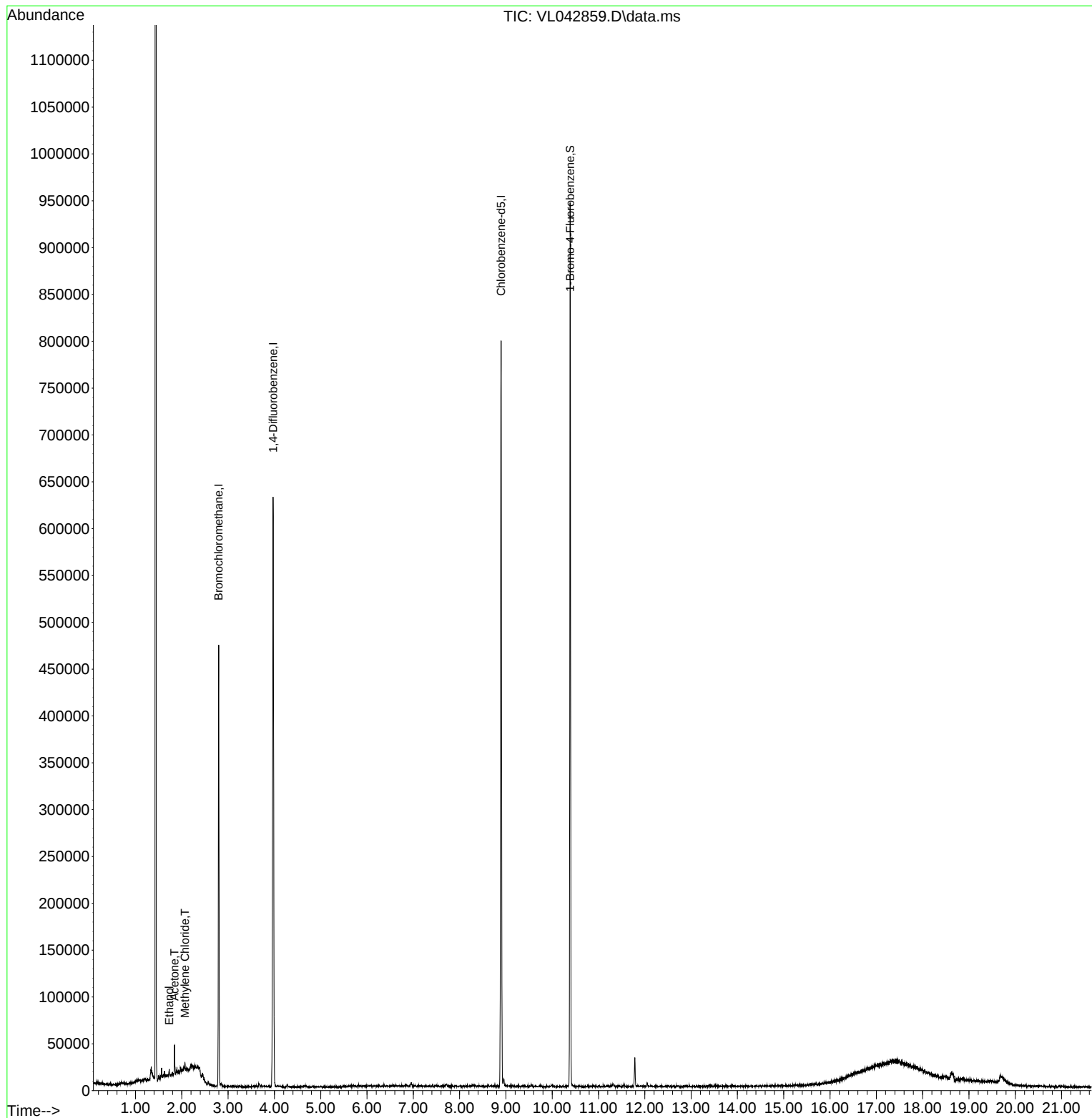
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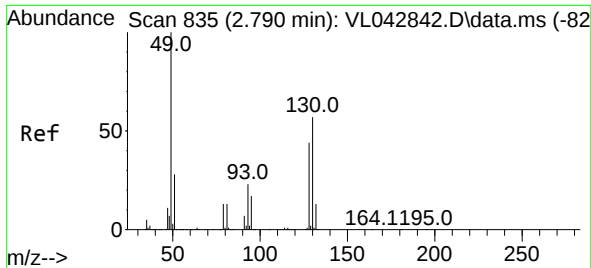
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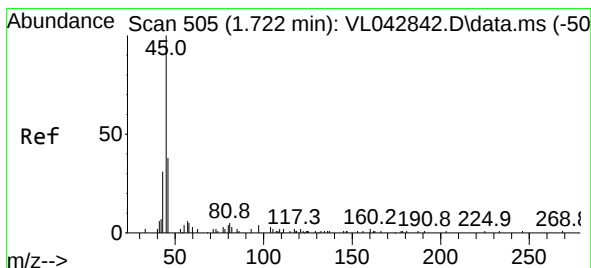
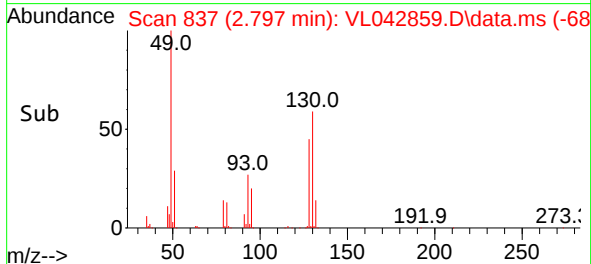
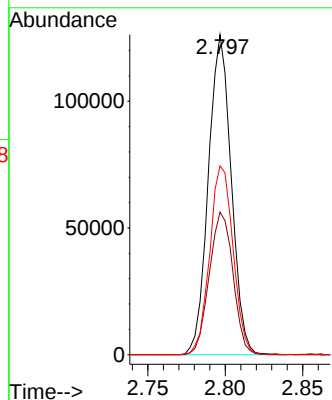
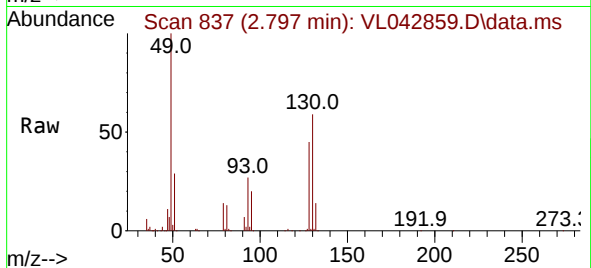
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042859.D
Acq: 13 Aug 2025 19:35

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 12962
Ion Ratio Lower Upper
49 100
128 46.0 23.7 71.1
130 60.4 30.6 91.6

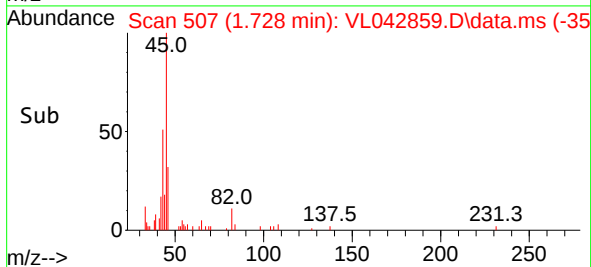
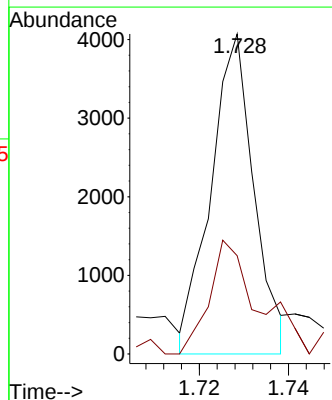
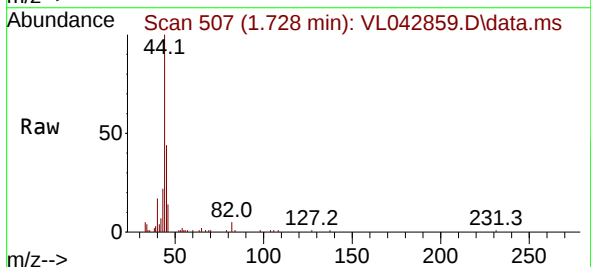
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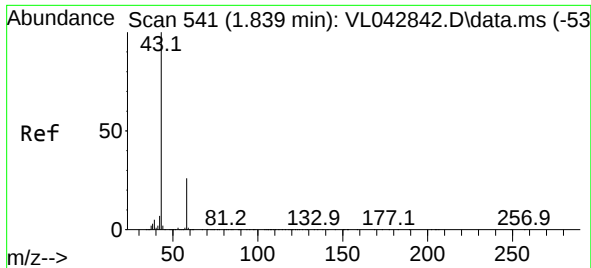
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#13
Ethanol
Concen: 3.297 ppbv m
RT: 1.728 min Scan# 507
Delta R.T. 0.006 min
Lab File: VL042859.D
Acq: 13 Aug 2025 19:35

Tgt Ion: 45 Resp: 2734
Ion Ratio Lower Upper
45 100
46 0.0 17.5 69.9#





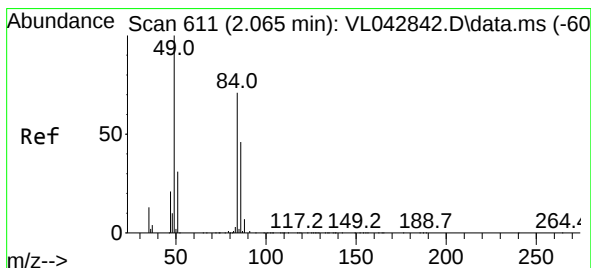
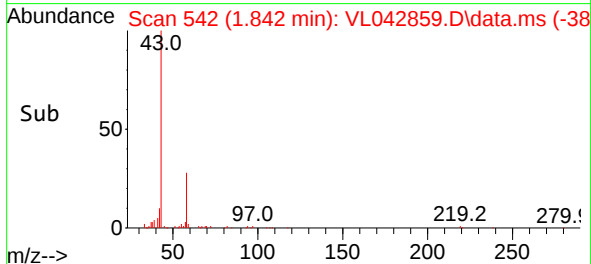
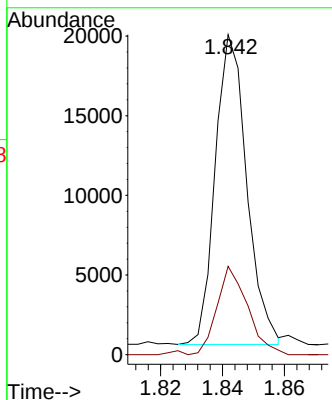
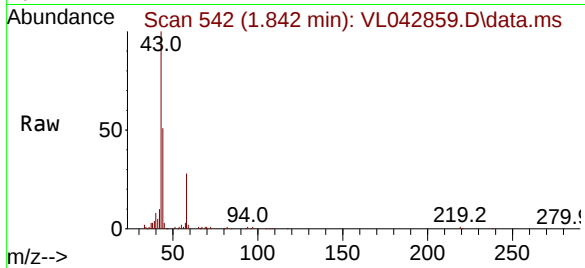
#15
Acetone
Concen: 0.800 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042859.D
Acq: 13 Aug 2025 19:35

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
58 28.9 22.4 33.6

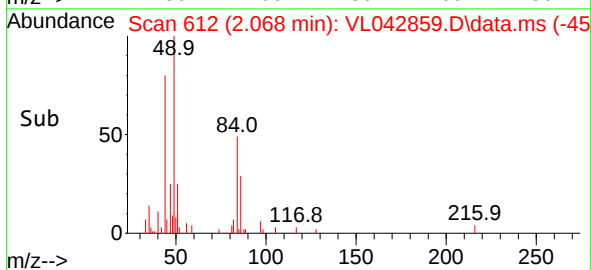
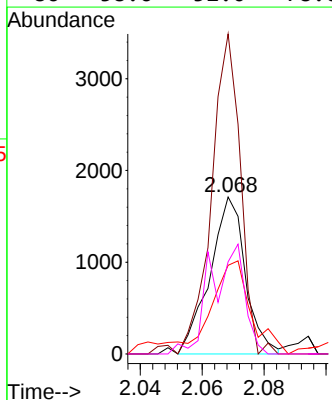
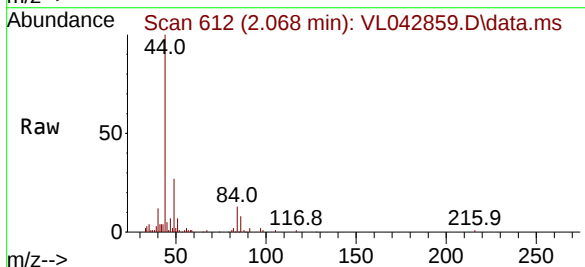
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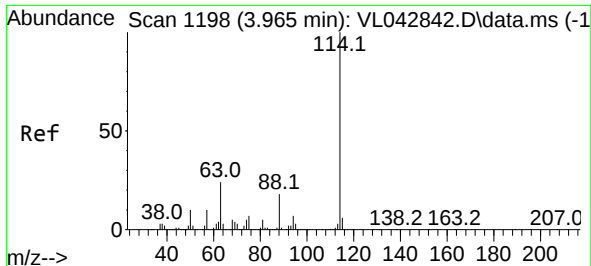
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 0.190 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL042859.D
Acq: 13 Aug 2025 19:35

Tgt Ion: 84 Resp: 1363
Ion Ratio Lower Upper
84 100
49 203.8 112.3 168.5#
51 48.9 36.0 54.0
86 58.6 52.0 78.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 1198

Delta R.T. 0.006 min

Lab File: VL042859.D

Acq: 13 Aug 2025 19:35

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

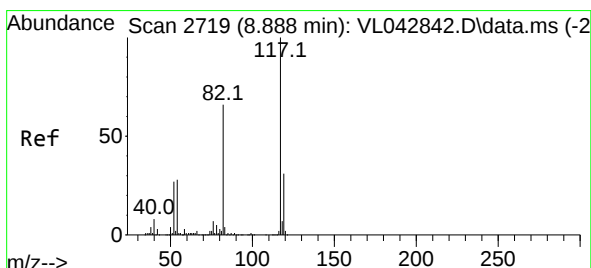
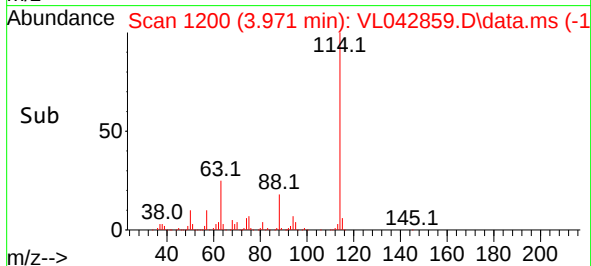
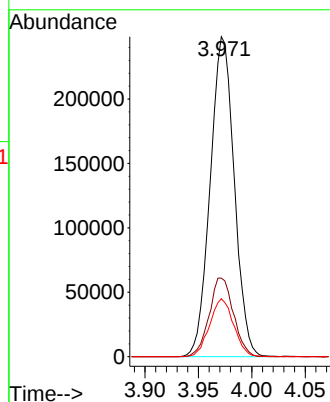
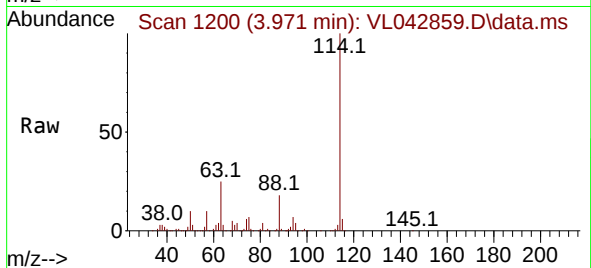
Tgt Ion:114 Resp: 388934

Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.7	29.5
88	18.0	14.4	21.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2721

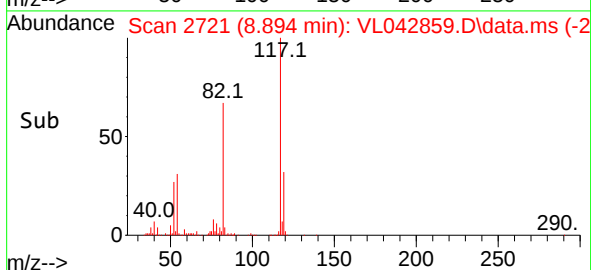
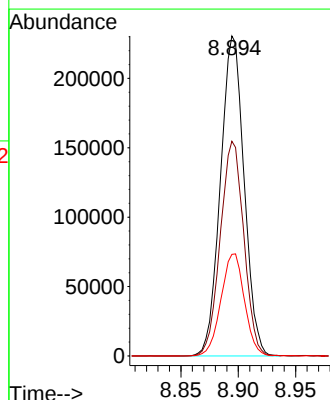
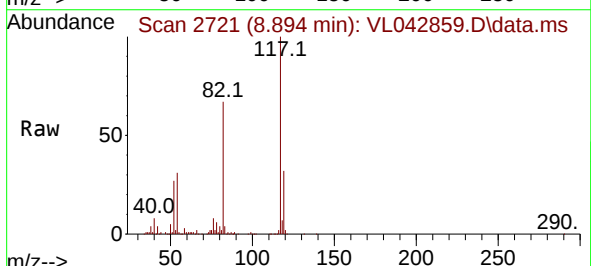
Delta R.T. 0.006 min

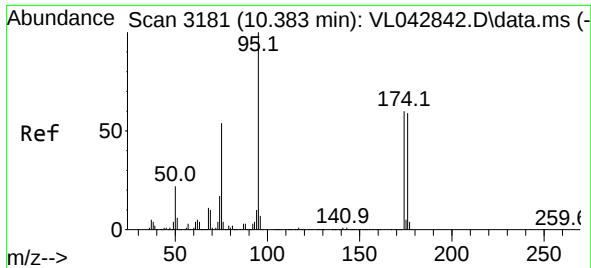
Lab File: VL042859.D

Acq: 13 Aug 2025 19:35

Tgt Ion:117 Resp: 330714

Ion	Ratio	Lower	Upper
117	100		
82	66.8	54.6	81.8
119	31.8	25.9	38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.142 ppbv
 RT: 10.387 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL042859.D
 Acq: 13 Aug 2025 19:35

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Tgt Ion: 95 Resp: 251560
 Ion Ratio Lower Upper
 95 100
 174 57.4 48.4 72.6
 175 4.1 3.8 5.8

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