

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110425\
 Data File : VL043152.D
 Acq On : 04 Nov 2025 12:59
 Operator : SY/MD
 Sample : Q3530-13 0.03 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2025

Quant Time: Nov 05 06:51:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2025
 Supervised By : Mahesh Dadoda 11/07/2025

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

Internal Standards						
1) Bromochloromethane	2.790	49	113638	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	346779	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	298519	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	225526	9.720	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	255	0.041	ppbv #	64
32) 1,1,1-Trichloroethane	3.366	97	866m	0.033	ppbv	
35) Carbon Tetrachloride	3.774	117	960m	0.039	ppbv	

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

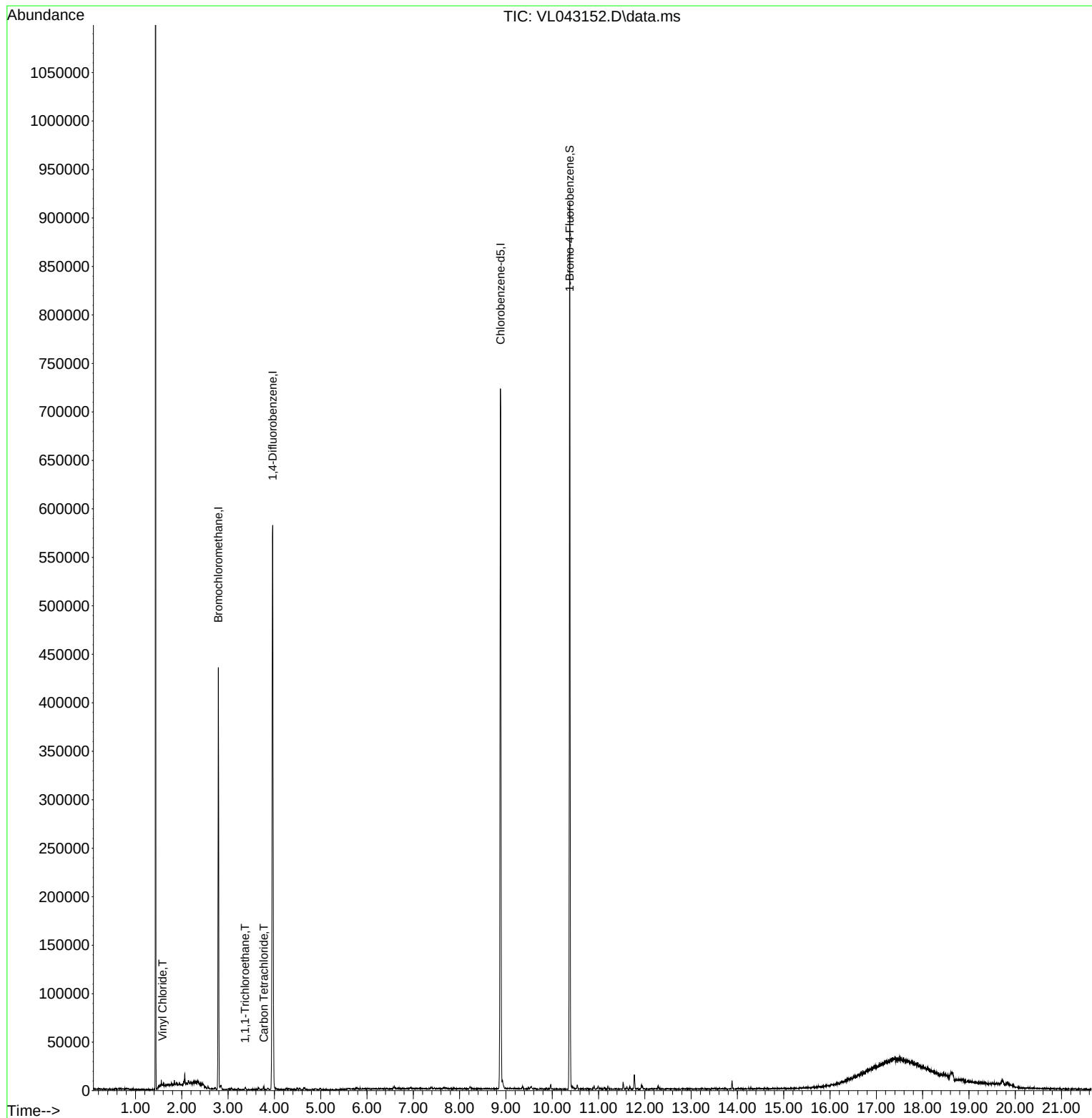
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110425\
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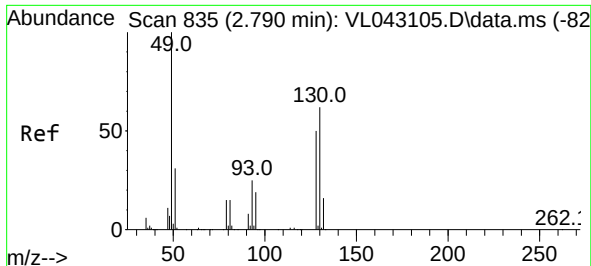
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2025

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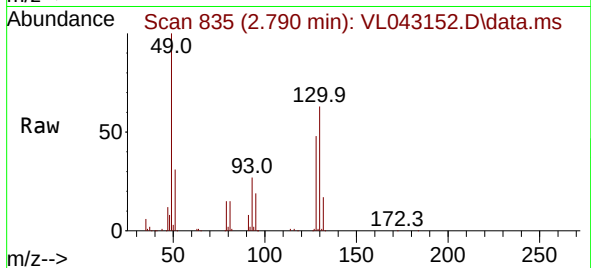
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL043152.D
Acq: 04 Nov 2025 12:59

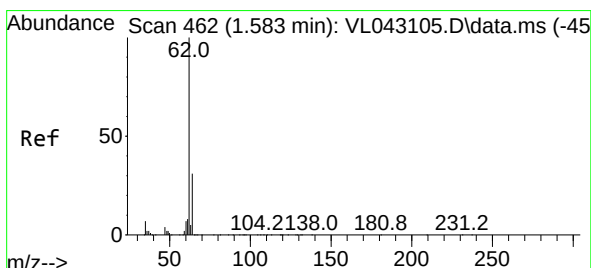
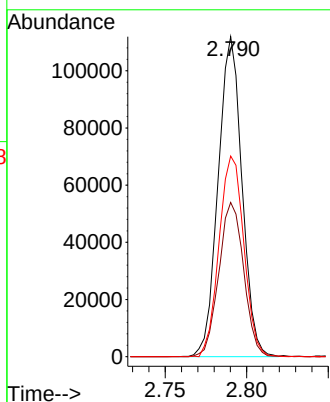
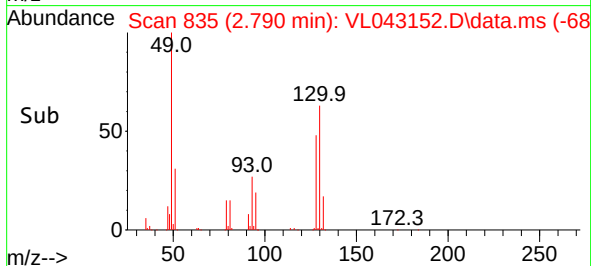
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2025



Tgt Ion: 49 Resp: 113638
Ion Ratio Lower Upper
49 100
128 50.3 24.4 73.4
130 65.3 31.0 93.0

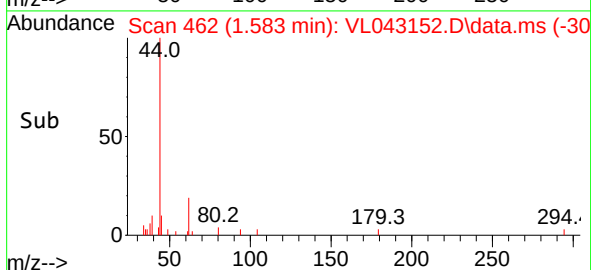
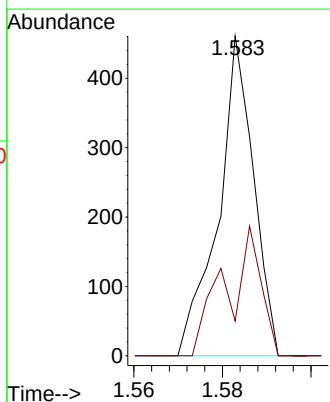
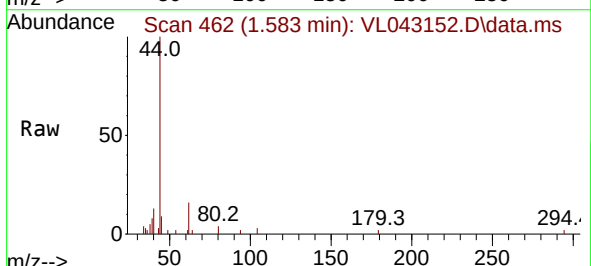
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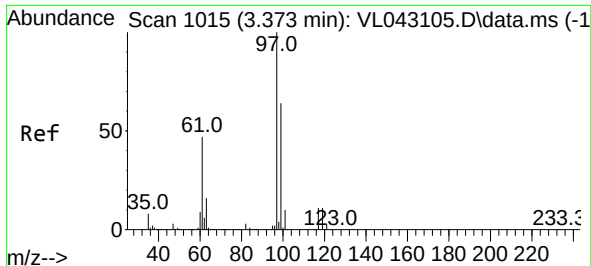
Reviewed By :Semsettin Yesilyurt 11/05/2025
Supervised By :Mahesh Dadoda 11/07/2025



#5
Vinyl Chloride
Concen: 0.041 ppbv
RT: 1.583 min Scan# 462
Delta R.T. -0.000 min
Lab File: VL043152.D
Acq: 04 Nov 2025 12:59

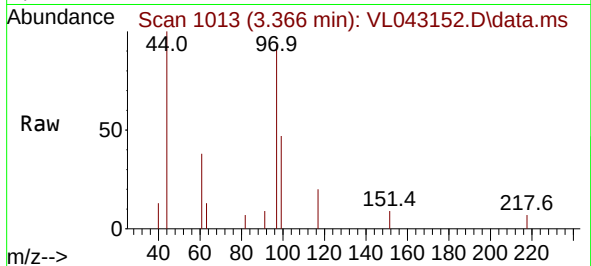
Tgt Ion: 62 Resp: 255
Ion Ratio Lower Upper
62 100
64 10.8 24.6 36.8





#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv m
RT: 3.366 min Scan# 1015
Delta R.T. -0.007 min
Lab File: VL043152.D
Acq: 04 Nov 2025 12:59

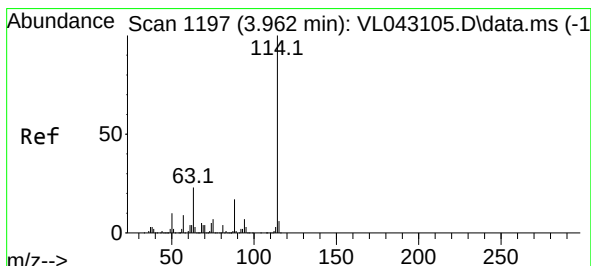
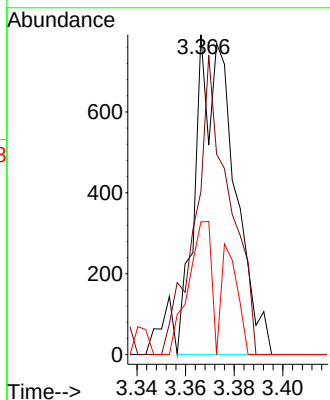
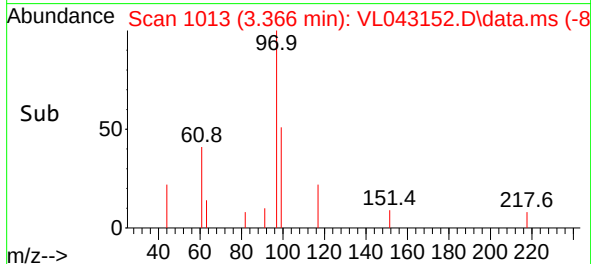
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2025



Tgt Ion: 97 Resp: 860
Ion Ratio Lower Upper
97 100
99 82.7 51.3 76.9
61 43.3 38.4 57.6

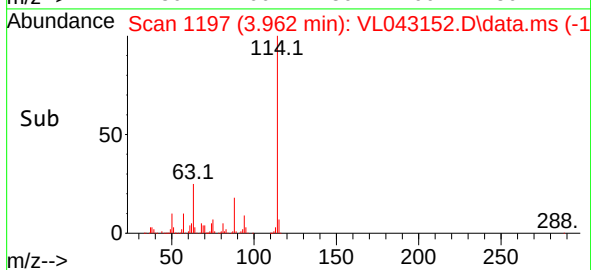
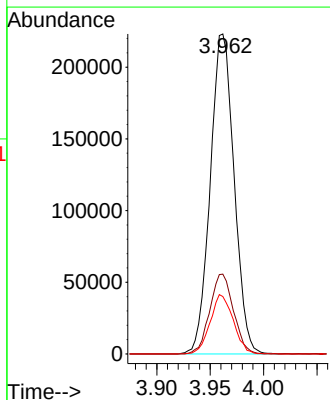
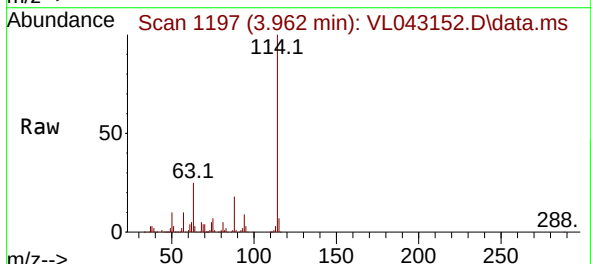
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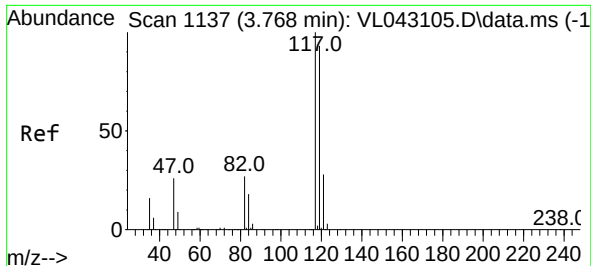
Reviewed By :Semsettin Yesilyurt 11/05/2025
Supervised By :Mahesh Dadoda 11/07/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.000 min
Lab File: VL043152.D
Acq: 04 Nov 2025 12:59

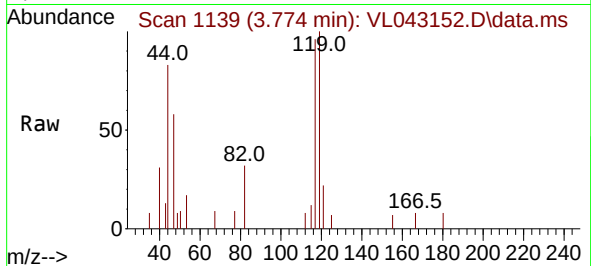
Tgt Ion:114 Resp: 346779
Ion Ratio Lower Upper
114 100
63 24.8 19.3 28.9
88 17.9 13.9 20.9





#35
Carbon Tetrachloride
Concen: 0.039 ppbv m
RT: 3.774 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VL043152.D
Acq: 04 Nov 2025 12:59

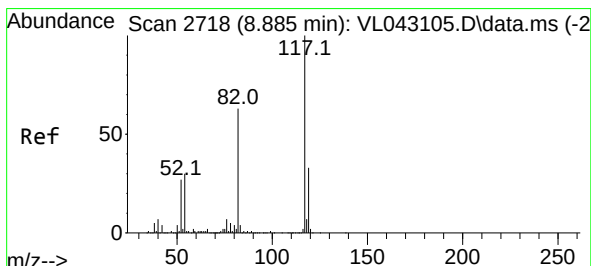
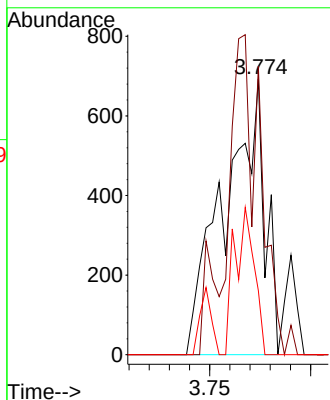
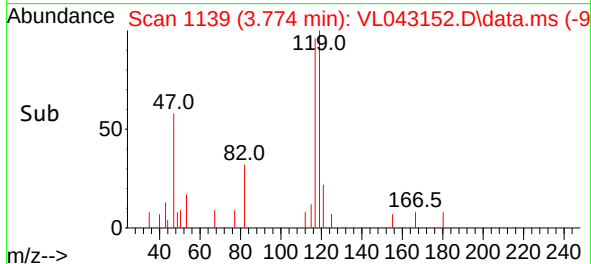
Instrument : MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 960
Ion Ratio Lower Upper
117 100
119 104.6 74.1 111.1
121 23.2 22.2 33.2

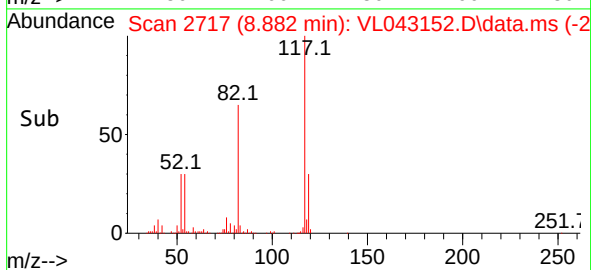
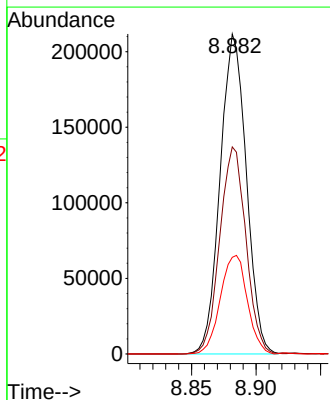
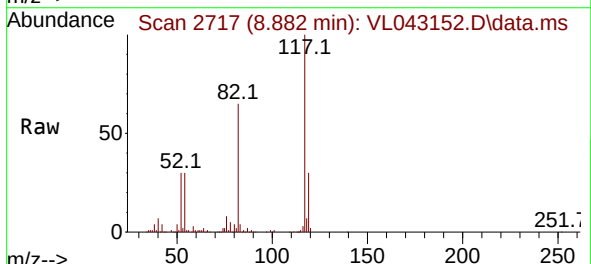
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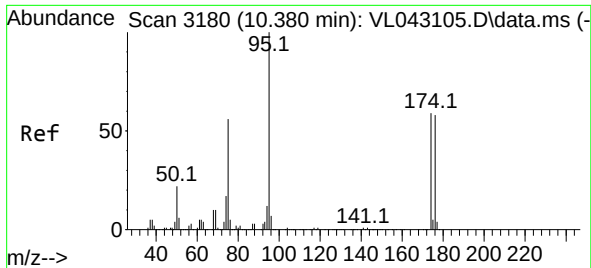
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. -0.003 min
Lab File: VL043152.D
Acq: 04 Nov 2025 12:59

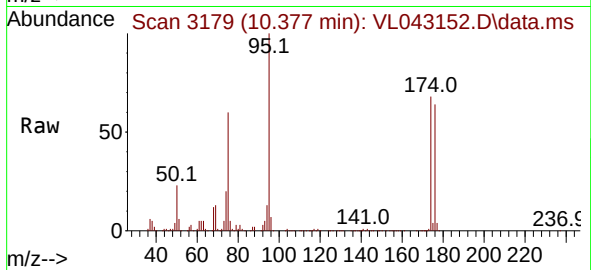
Tgt Ion:117 Resp: 298519
Ion Ratio Lower Upper
117 100
82 64.8 53.8 80.8
119 32.0 25.4 38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.720 ppbv
 RT: 10.377 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: VL043152.D
 Acq: 04 Nov 2025 12:59

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2025



Tgt Ion: 95 Resp: 225520
 Ion Ratio Lower Upper
 95 100
 174 64.8 48.3 72.5
 175 4.7 3.8 5.8

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