

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042611.D
 Acq On : 03 Jun 2025 15:12
 Operator : SY/MD
 Sample : Q2126-13 LOD 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

Quant Time: Jun 04 01:52:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 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	97231	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	264710	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	232229	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	177712	10.208	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	3.366	97	777m	0.040	ppbv	
52) Tetrachloroethene	8.228	164	402m	0.041	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.966	83	805m	0.041	ppbv	

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

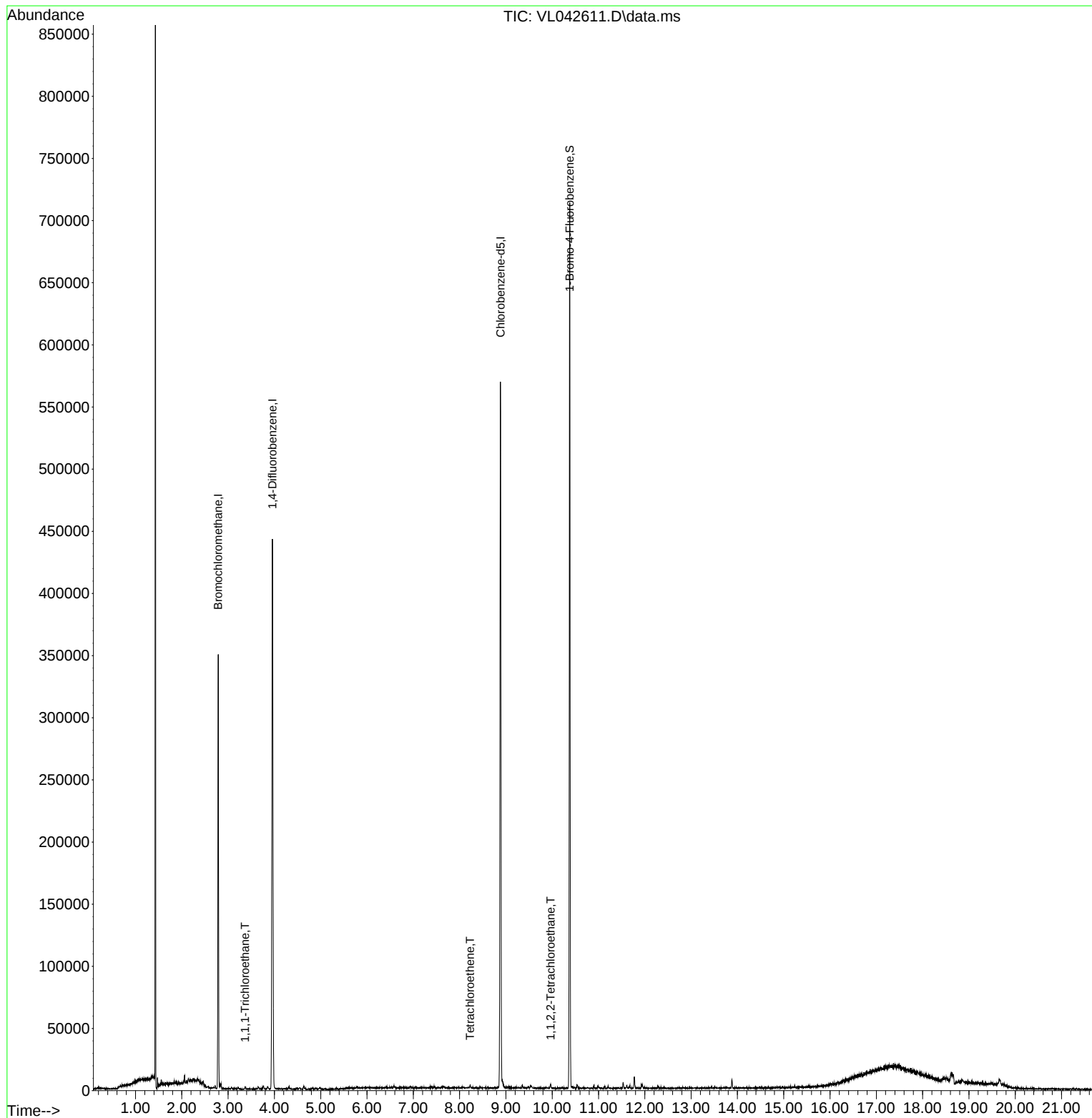
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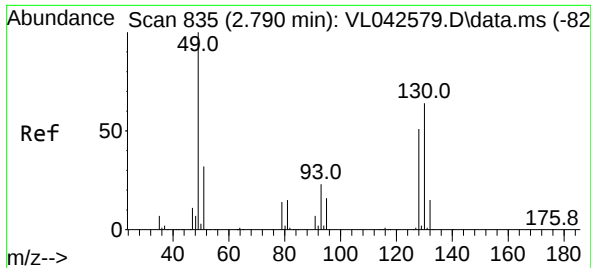
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Quant Time: Jun 04 01:52:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

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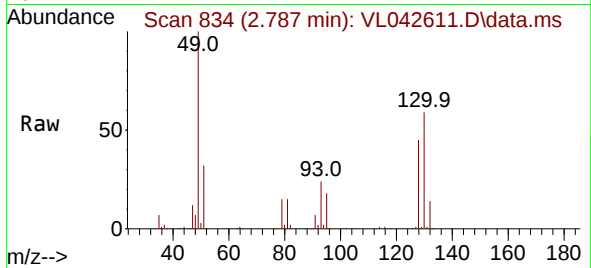
Reviewed By : Semsettin Yesilyurt 06/04/2025
Supervised By : Mahesh Dadoda 06/06/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042611.D
Acq: 03 Jun 2025 15:12

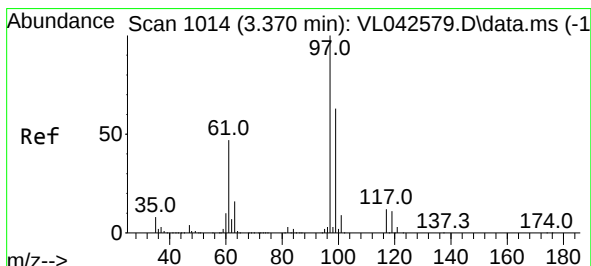
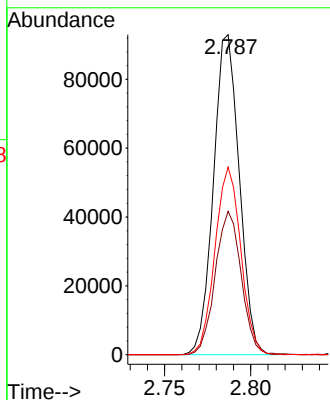
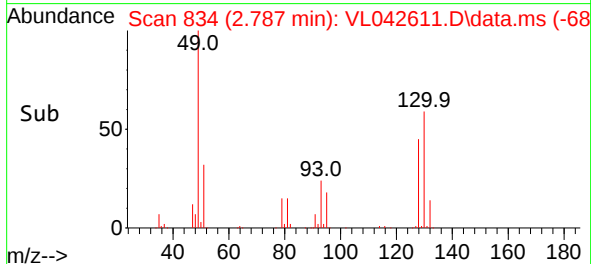
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



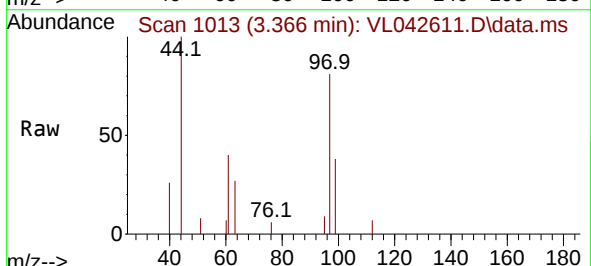
Tgt Ion: 49 Resp: 9723
Ion Ratio Lower Upper
49 100
128 44.9 24.2 72.6
130 58.6 30.4 91.2

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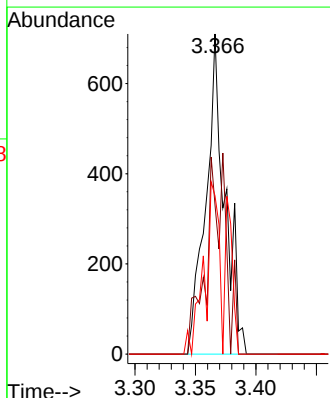
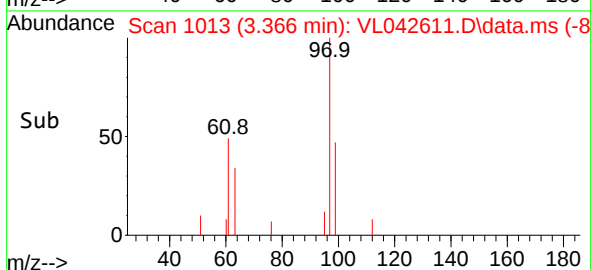
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

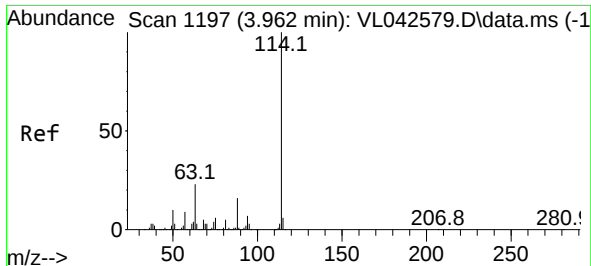


#32
1,1,1-Trichloroethane
Concen: 0.040 ppbv m
RT: 3.366 min Scan# 1013
Delta R.T. -0.003 min
Lab File: VL042611.D
Acq: 03 Jun 2025 15:12



Tgt Ion: 97 Resp: 777
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 58.4 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.958 min Scan# 1196

Delta R.T. -0.003 min

Lab File: VL042611.D

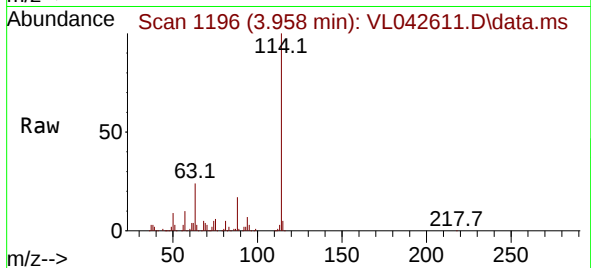
Acq: 03 Jun 2025 15:12

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



Tgt Ion:114 Resp: 264710

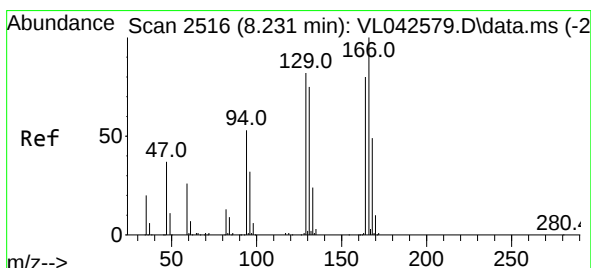
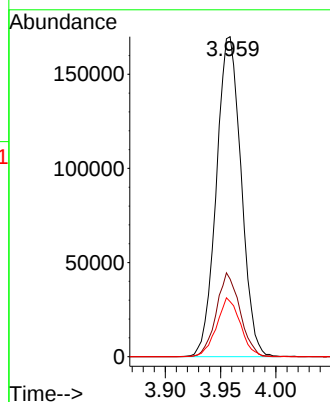
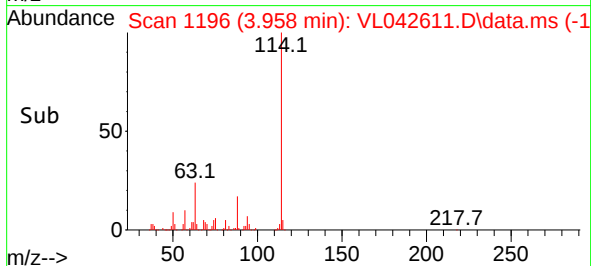
Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.0	28.6
88	17.6	13.6	20.4

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Supervised By :Mahesh Dadoda 06/06/2025



#52

Tetrachloroethene

Concen: 0.041 ppbv m

RT: 8.228 min Scan# 2515

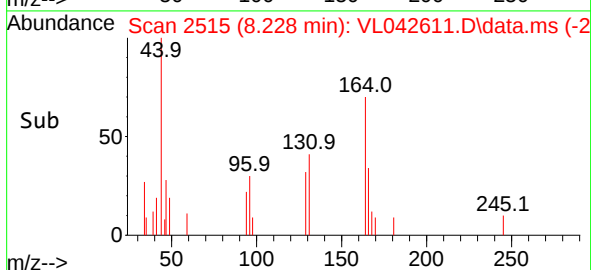
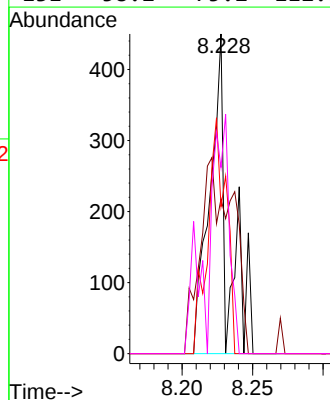
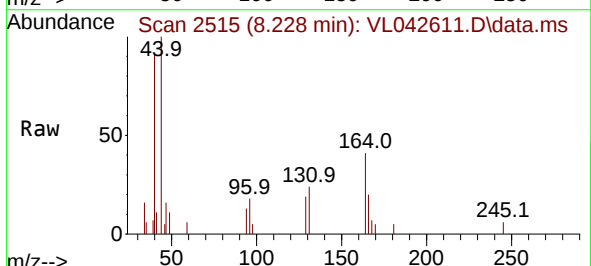
Delta R.T. -0.003 min

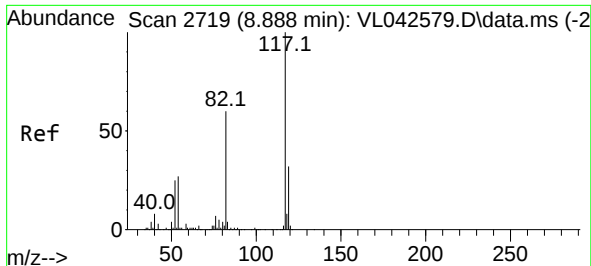
Lab File: VL042611.D

Acq: 03 Jun 2025 15:12

Tgt Ion:164 Resp: 402

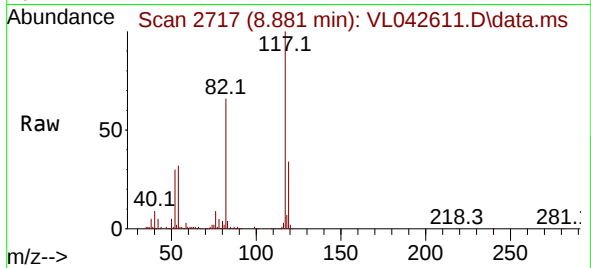
Ion	Ratio	Lower	Upper
164	100		
166	48.4	100.0	150.0#
129	46.0	82.2	123.4#
131	58.2	75.2	112.8#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042611.D
Acq: 03 Jun 2025 15:12

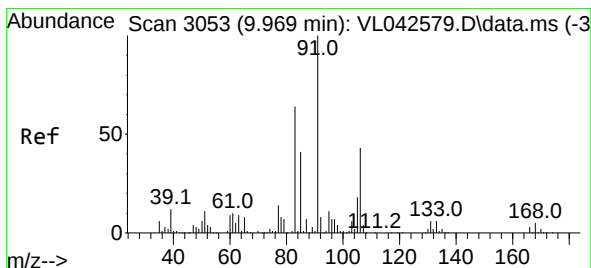
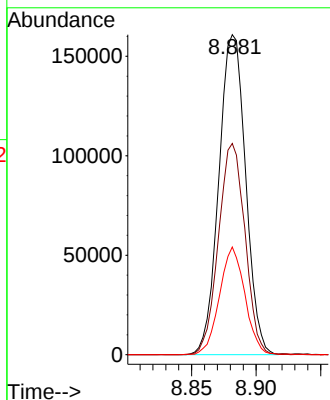
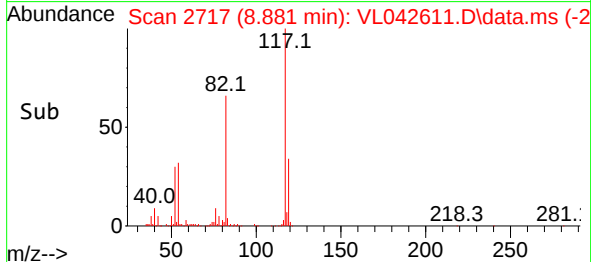
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion:117 Resp: 232229
Ion Ratio Lower Upper
117 100
82 65.3 51.2 76.8
119 32.0 26.3 39.5

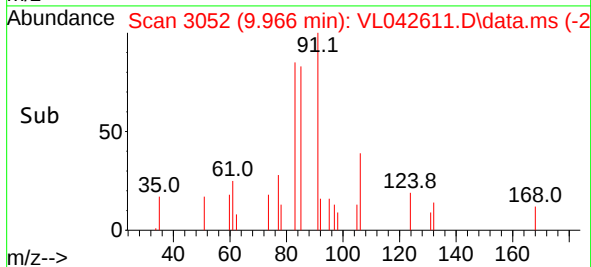
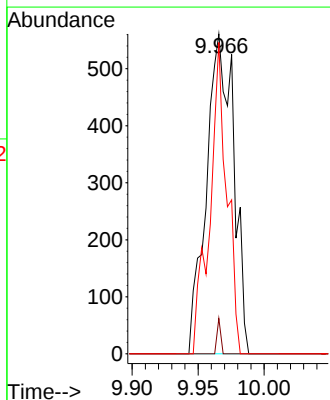
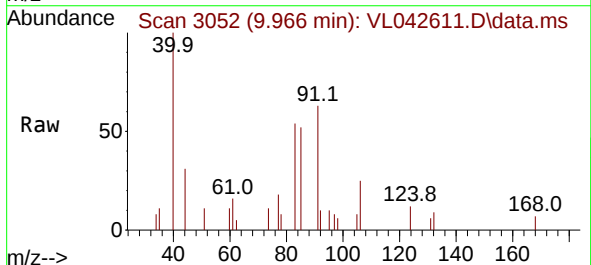
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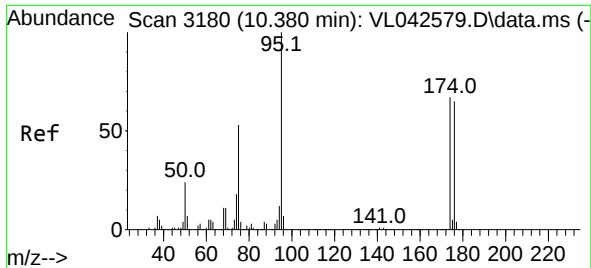
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#63
1,1,2,2-Tetrachloroethane
Concen: 0.041 ppbv m
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042611.D
Acq: 03 Jun 2025 15:12

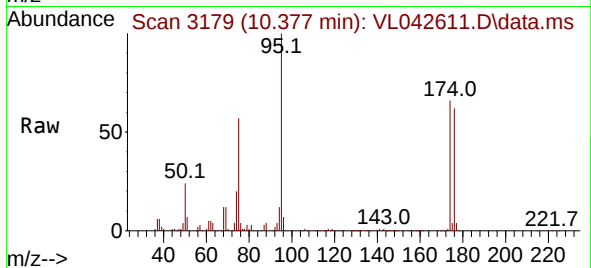
Tgt Ion: 83 Resp: 805
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 61.7 32.5 97.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.208 ppbv
 RT: 10.377 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL042611.D
 Acq: 03 Jun 2025 15:12

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 95 Resp: 177712
 Ion Ratio Lower Upper
 95 100
 174 63.8 53.1 79.7
 175 4.7 4.2 6.2

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