

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041972.D
 Acq On : 03 Feb 2025 21:32
 Operator : SY/MD
 Sample : Q1168-13 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025

Quant Time: Feb 04 02:40:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

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

Internal Standards						
1) Bromochloromethane	2.797	49	145137	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	376767	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	324530	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	236152	9.239	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.400%
Target Compounds						
5) Vinyl Chloride	1.583	62	268m	0.036	ppbv	Qvalue
52) Tetrachloroethene	8.247	164	370	0.031	ppbv	# 13
63) 1,1,2,2-Tetrachloroethane	9.976	83	809m	0.031	ppbv	

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

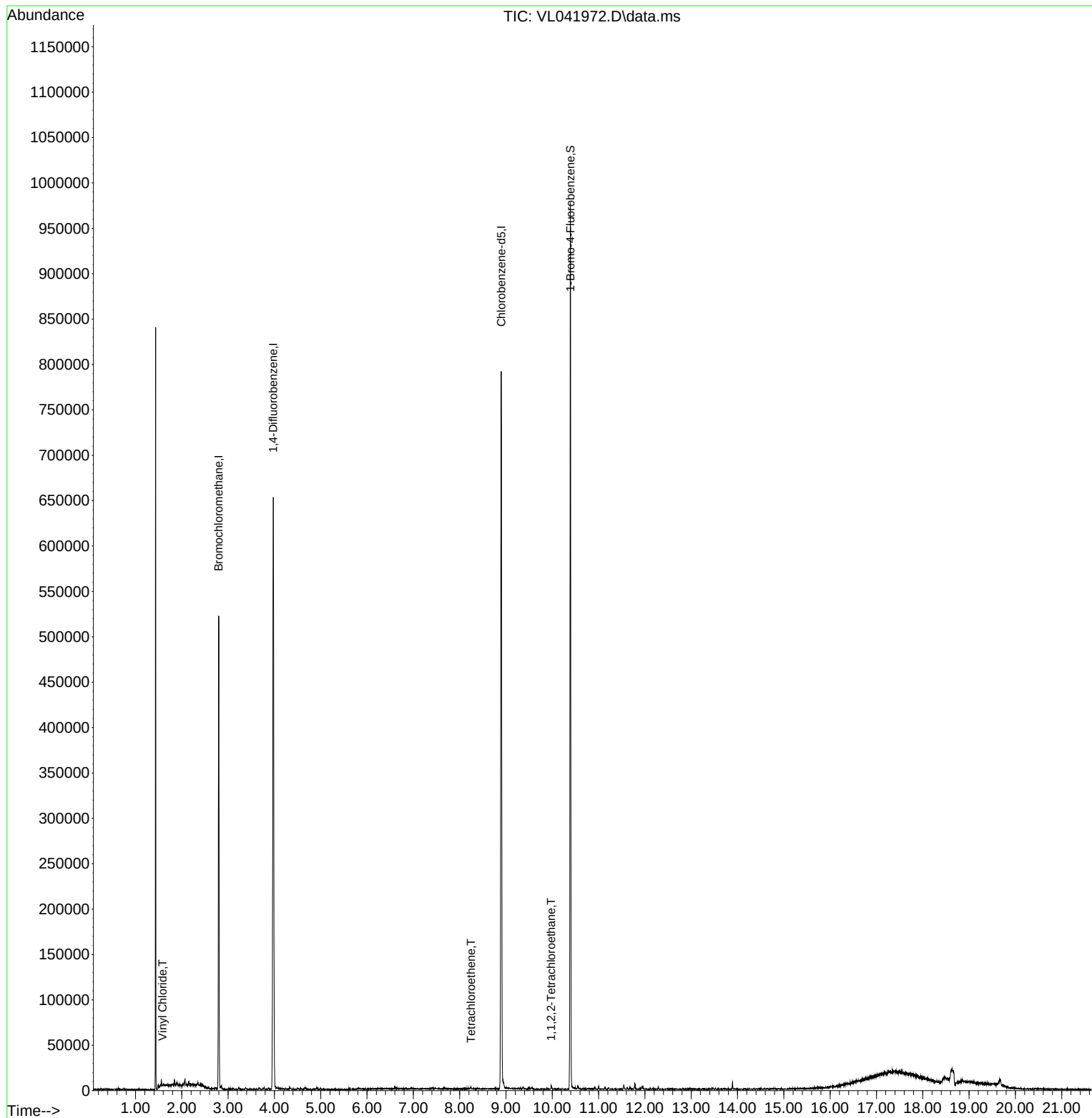
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
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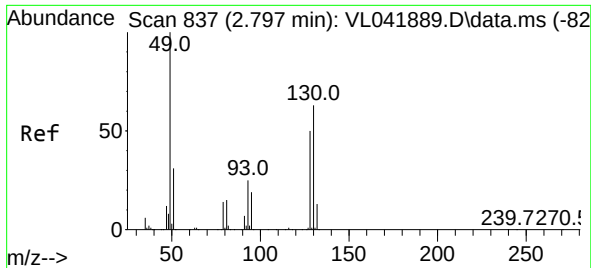
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

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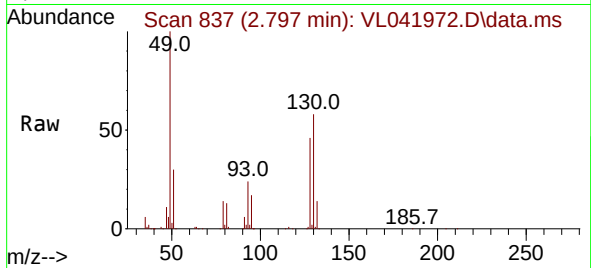
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL041972.D
Acq: 03 Feb 2025 21:32

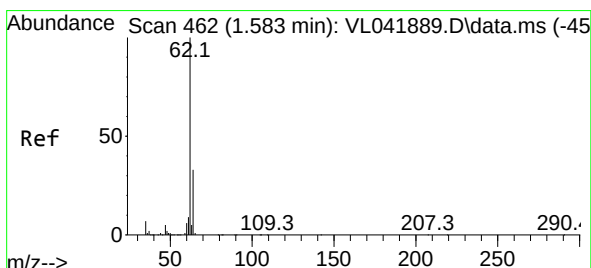
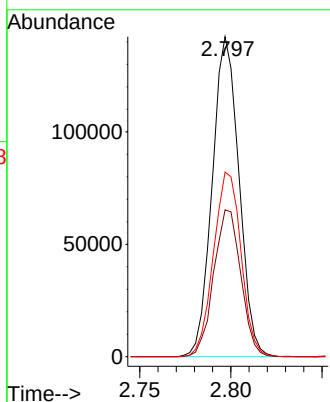
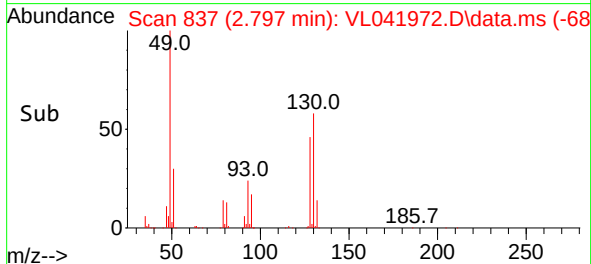
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 49 Resp: 14513
Ion Ratio Lower Upper
49 100
128 46.5 24.3 73.0
130 59.4 31.1 93.2

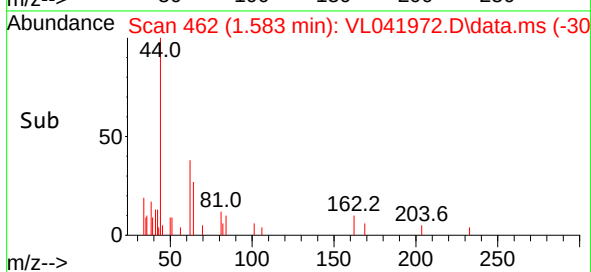
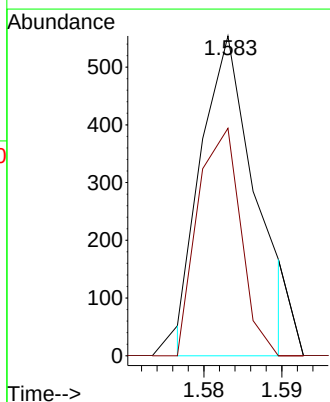
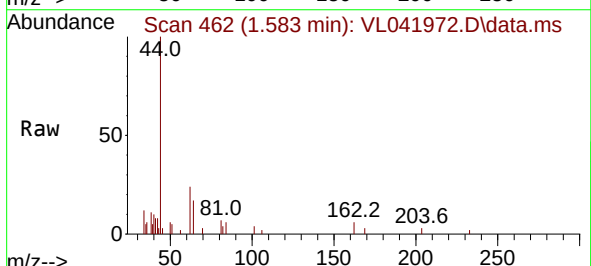
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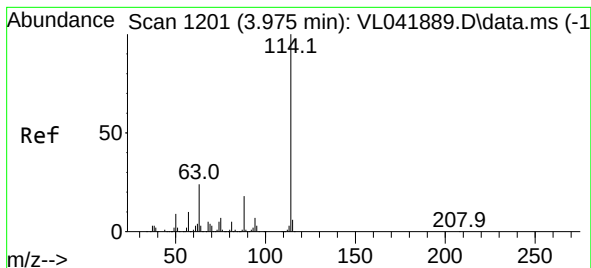
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#5
Vinyl Chloride
Concen: 0.036 ppbv m
RT: 1.583 min Scan# 462
Delta R.T. 0.000 min
Lab File: VL041972.D
Acq: 03 Feb 2025 21:32

Tgt Ion: 62 Resp: 268
Ion Ratio Lower Upper
62 100
64 71.1 26.1 39.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041972.D

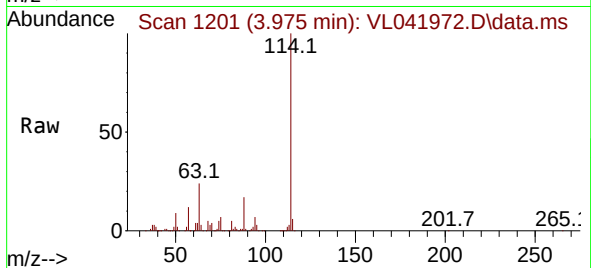
Acq: 03 Feb 2025 21:32

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2025



Tgt Ion:114 Resp: 37676

Ion Ratio Lower Upper

114 100

63 24.0 19.8 29.6

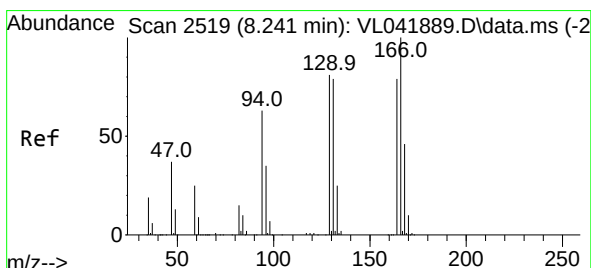
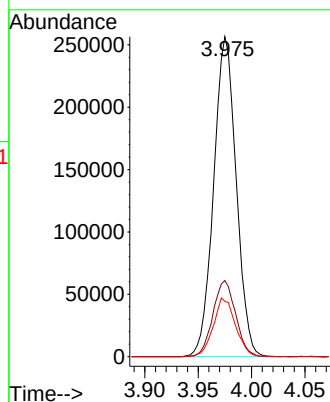
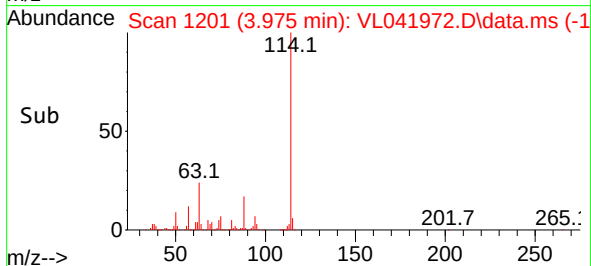
88 18.0 14.4 21.6

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#52

Tetrachloroethene

Concen: 0.031 ppbv

RT: 8.247 min Scan# 2521

Delta R.T. 0.007 min

Lab File: VL041972.D

Acq: 03 Feb 2025 21:32

Tgt Ion:164 Resp: 370

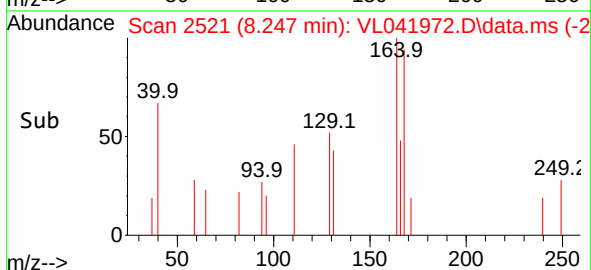
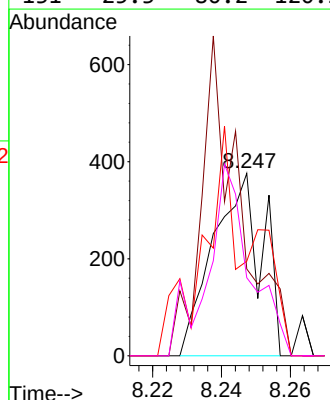
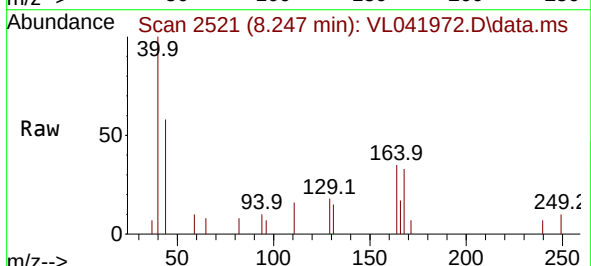
Ion Ratio Lower Upper

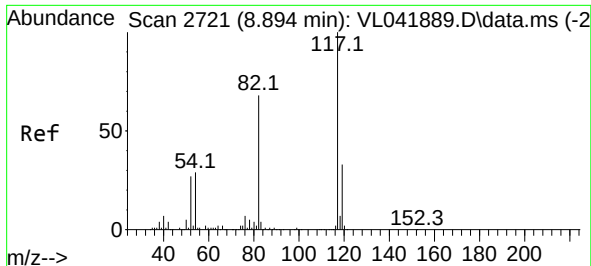
164 100

166 12.0 100.8 151.2#

129 19.1 82.0 123.0#

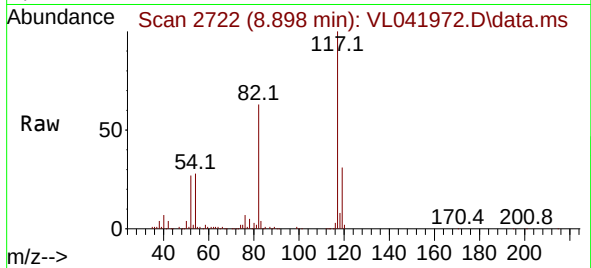
131 25.3 80.2 120.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041972.D
Acq: 03 Feb 2025 21:32

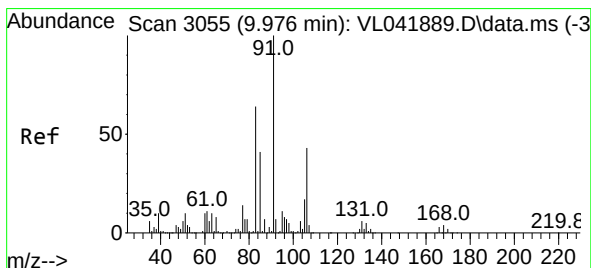
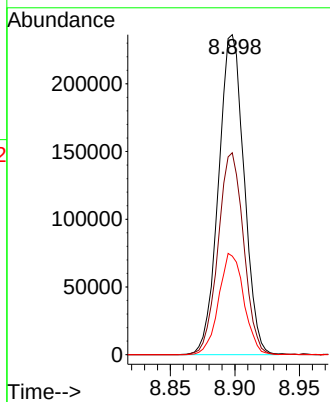
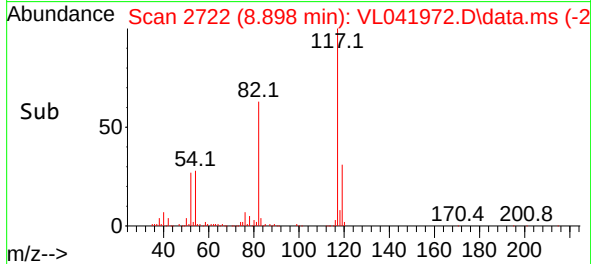
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion:117 Resp: 324530
Ion Ratio Lower Upper
117 100
82 63.2 54.2 81.4
119 31.4 25.0 37.6

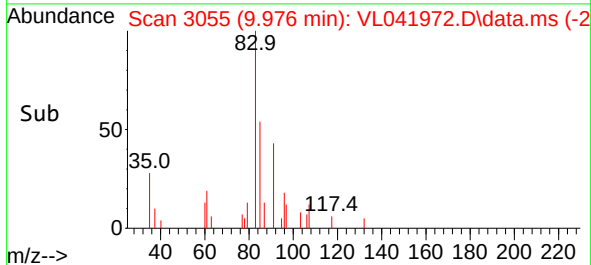
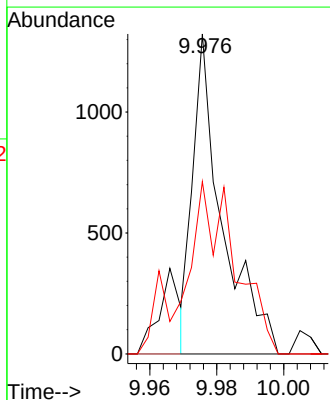
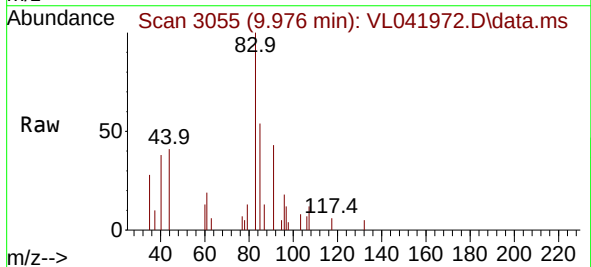
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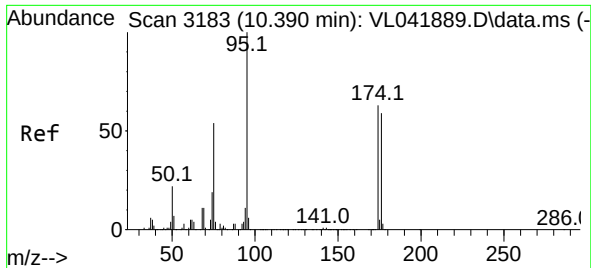
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#63
1,1,2,2-Tetrachloroethane
Concen: 0.031 ppbv m
RT: 9.976 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL041972.D
Acq: 03 Feb 2025 21:32

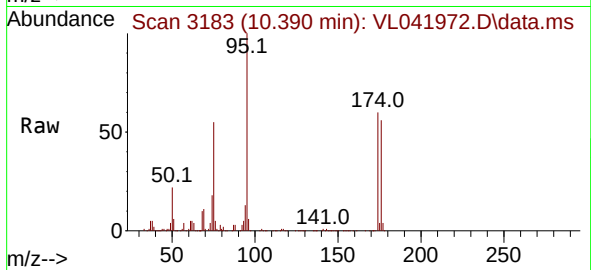
Tgt Ion: 83 Resp: 809
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 93.7 32.4 97.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.239 ppbv
 RT: 10.390 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL041972.D
 Acq: 03 Feb 2025 21:32

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 95 Resp: 236152
 Ion Ratio Lower Upper
 95 100
 174 60.2 49.0 73.4
 175 4.5 3.8 5.8

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