

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042612.D
 Acq On : 03 Jun 2025 15:45
 Operator : SY/MD
 Sample : Q2126-14 0.03 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 01:53:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	2.784	49	97001	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	257135	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	230915	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	173651	10.032	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.576	62	203	0.042	ppbv #	75
32) 1,1,1-Trichloroethane	3.370	97	681m	0.035	ppbv	
35) Carbon Tetrachloride	3.761	117	559m	0.033	ppbv	
38) Trichloroethene	4.544	130	450m	0.042	ppbv	
52) Tetrachloroethene	8.218	164	436m	0.046	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.959	83	802m	0.041	ppbv	

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

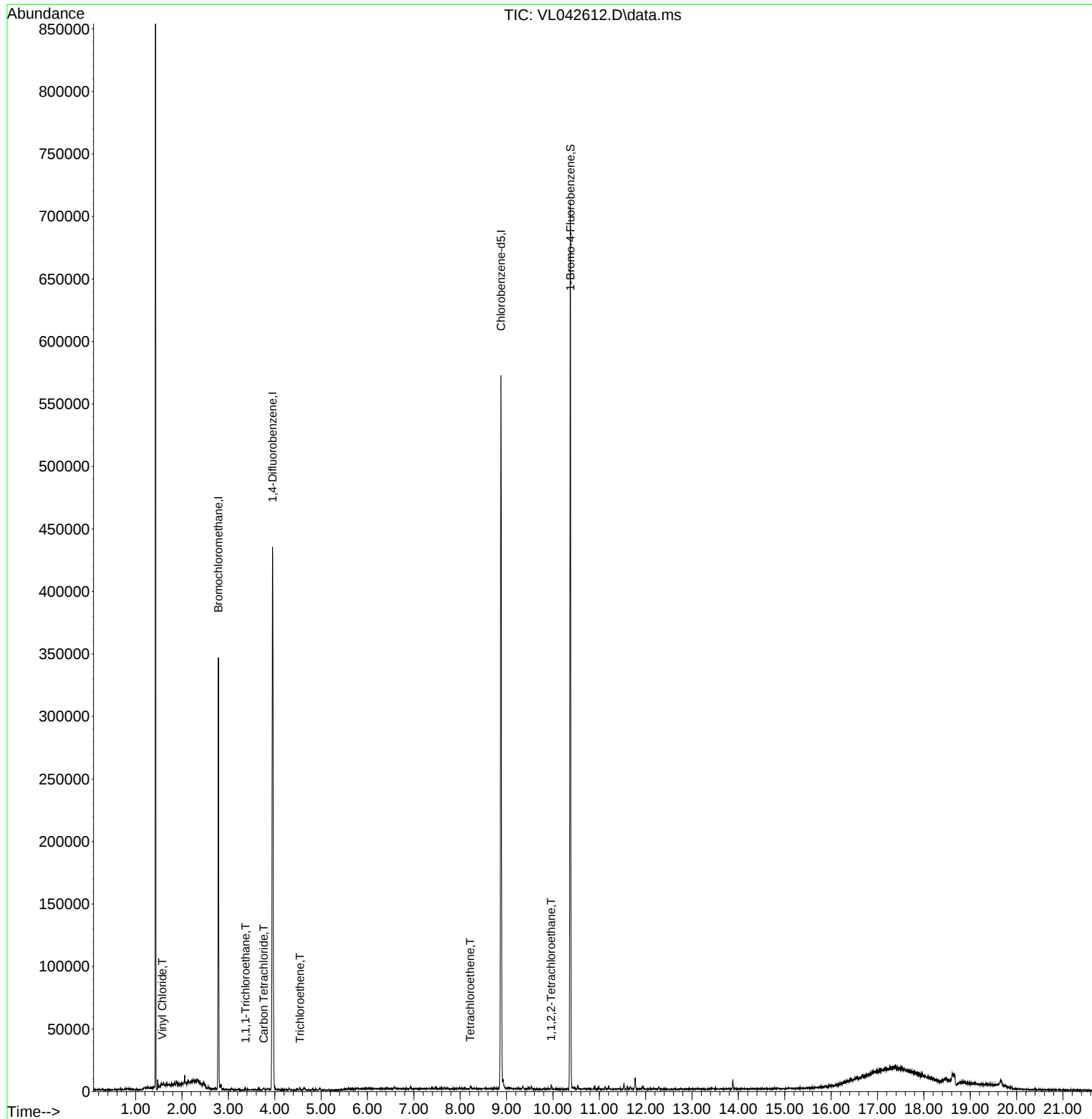
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
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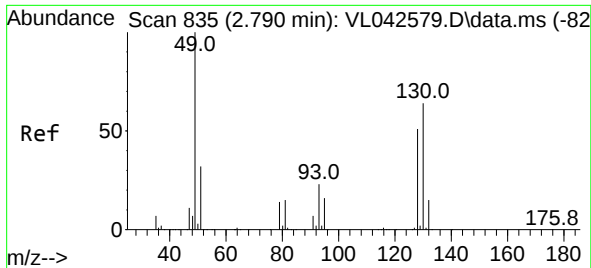
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

Quant Time: Jun 04 01:53:30 2025
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QLast Update : Fri May 30 02:01:56 2025
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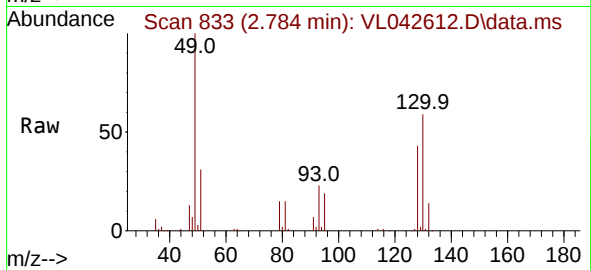
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

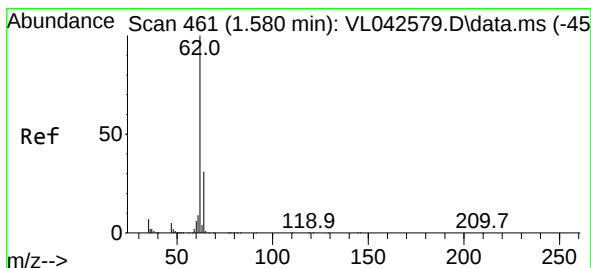
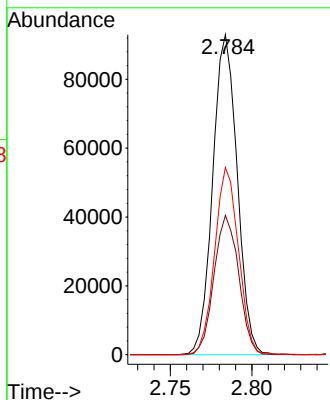
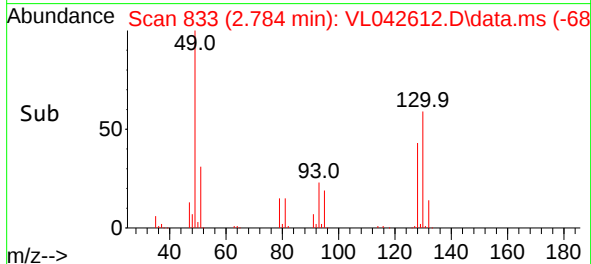
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025



Tgt Ion: 49 Resp: 9700
Ion Ratio Lower Upper
49 100
128 44.0 24.2 72.6
130 57.1 30.4 91.2

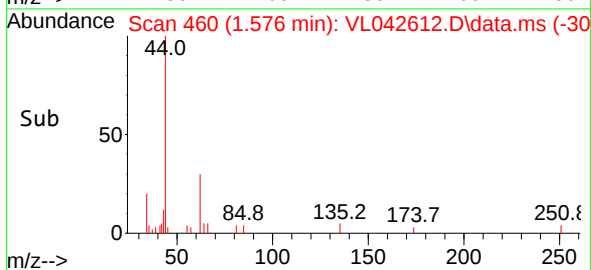
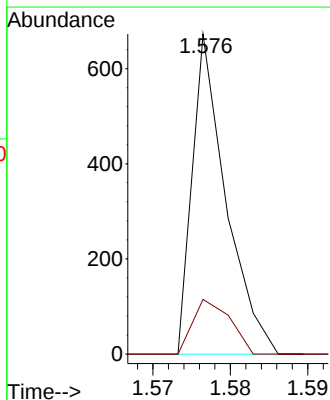
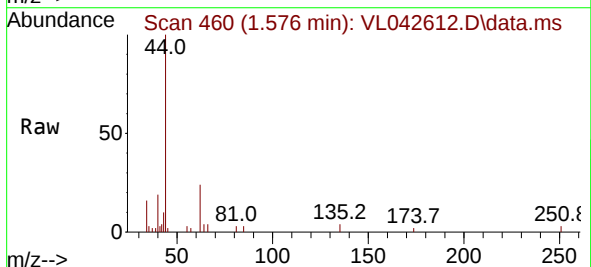
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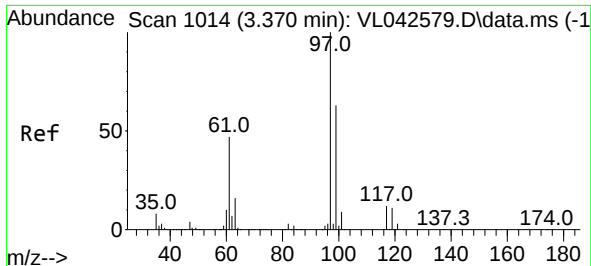
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#5
Vinyl Chloride
Concen: 0.042 ppbv
RT: 1.576 min Scan# 460
Delta R.T. -0.003 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

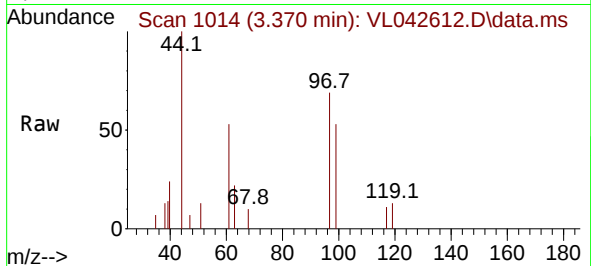
Tgt Ion: 62 Resp: 203
Ion Ratio Lower Upper
62 100
64 17.1 24.9 37.3#





#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv m
RT: 3.370 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

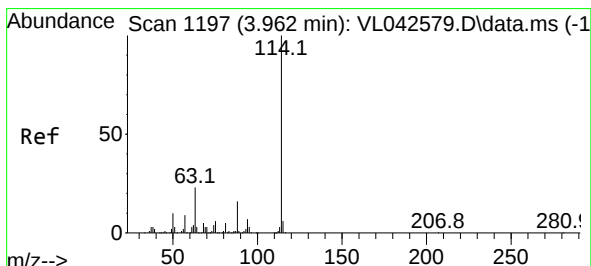
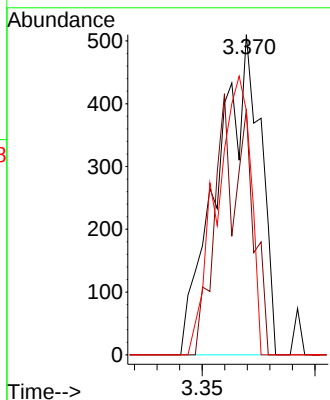
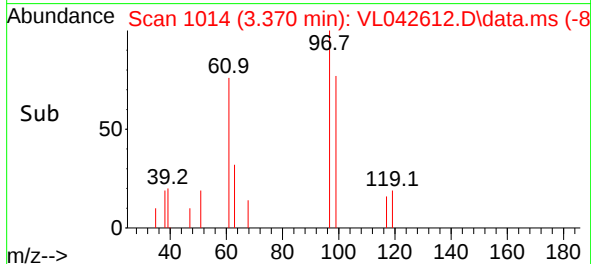
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025



Tgt Ion: 97 Resp: 68
Ion Ratio Lower Upper
97 100
99 60.8 51.0 76.6
61 0.0 39.4 59.0

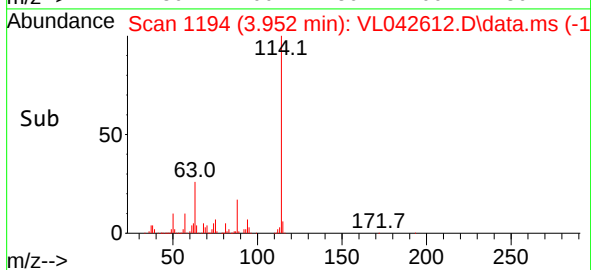
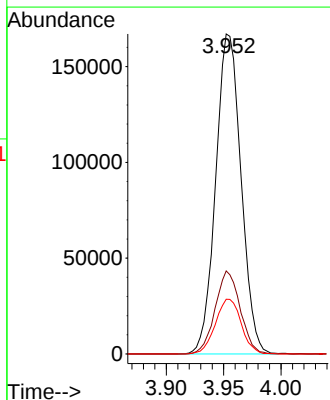
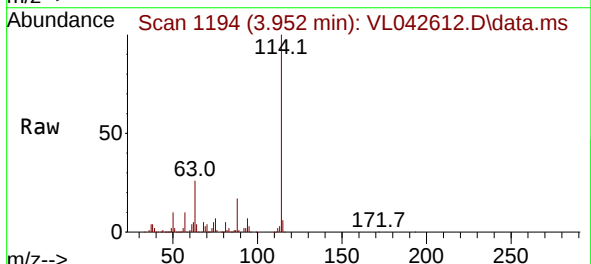
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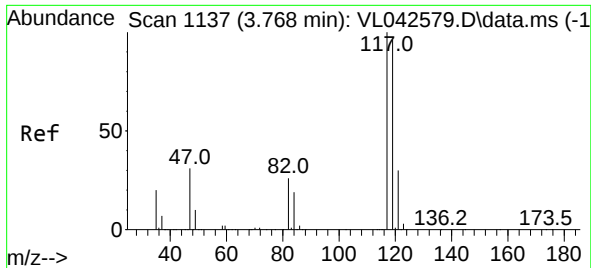
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.010 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

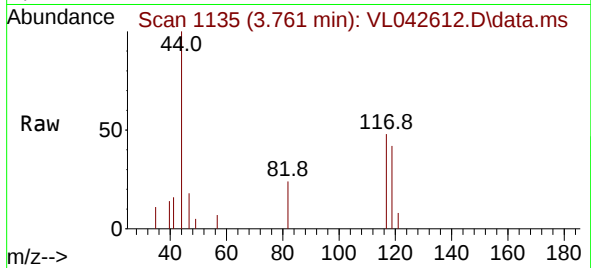
Tgt Ion:114 Resp: 257135
Ion Ratio Lower Upper
114 100
63 25.6 19.0 28.6
88 17.4 13.6 20.4





#35
Carbon Tetrachloride
Concen: 0.033 ppbv m
RT: 3.761 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

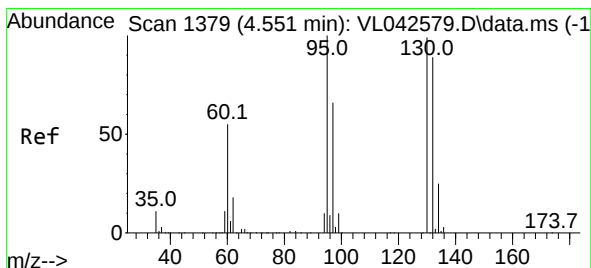
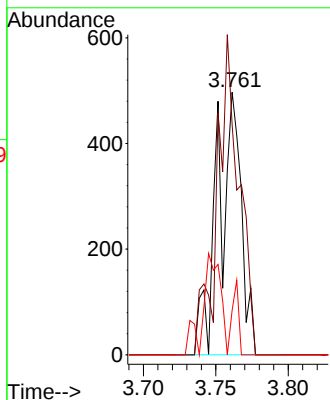
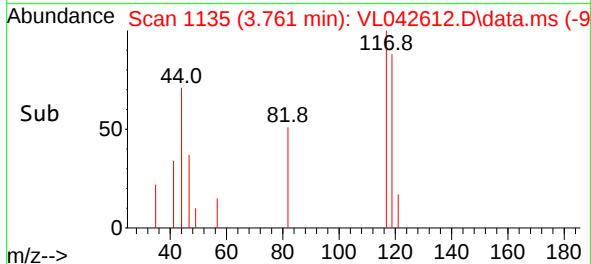
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025



Tgt Ion:117 Resp: 559
Ion Ratio Lower Upper
117 100
119 87.7 76.8 115.2
121 16.9 24.3 36.5

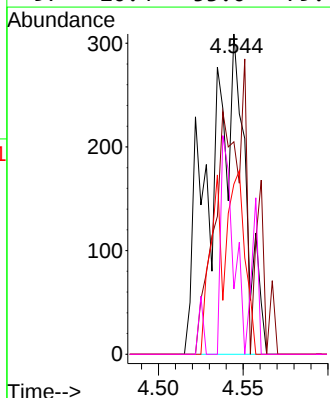
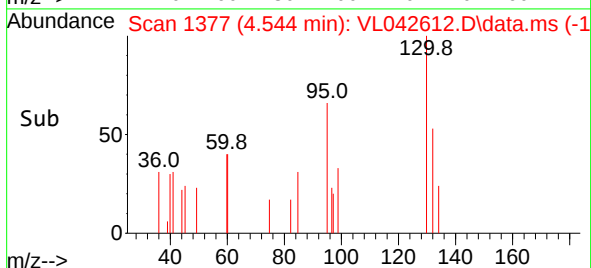
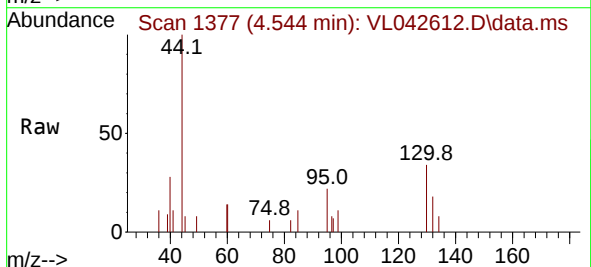
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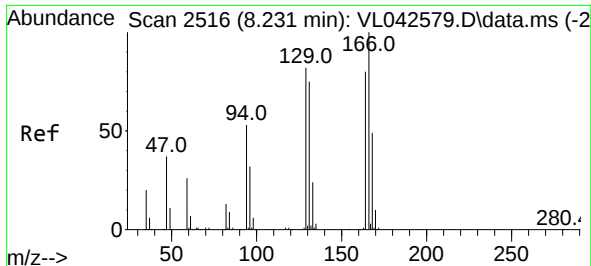
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#38
Trichloroethene
Concen: 0.042 ppbv m
RT: 4.544 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

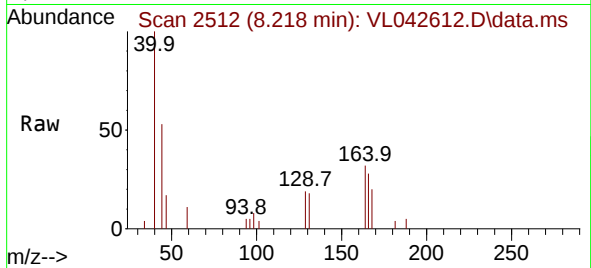
Tgt Ion:130 Resp: 450
Ion Ratio Lower Upper
130 100
95 66.3 80.6 121.0#
132 53.1 71.8 107.6#
97 20.4 53.0 79.4#





#52
Tetrachloroethene
Concen: 0.046 ppbv m
RT: 8.218 min Scan# 216
Delta R.T. -0.013 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

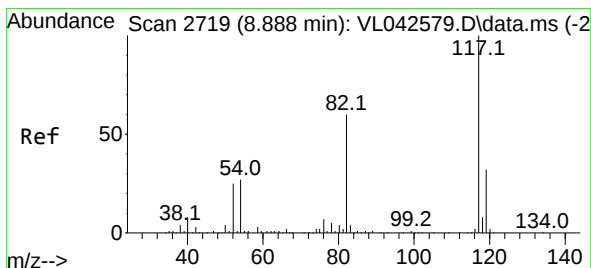
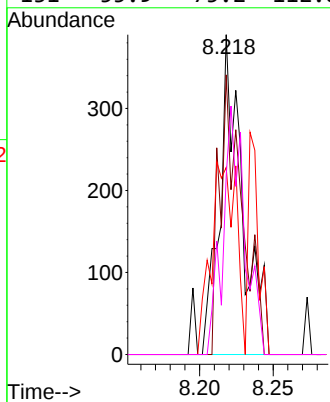
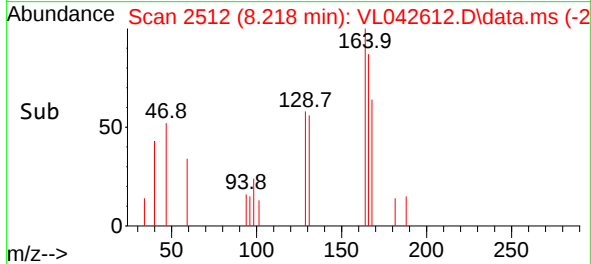
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025



Tgt Ion:164 Resp: 430
Ion Ratio Lower Upper
164 100
166 87.4 100.0 150.0
129 58.5 82.2 123.4
131 55.9 75.2 112.8

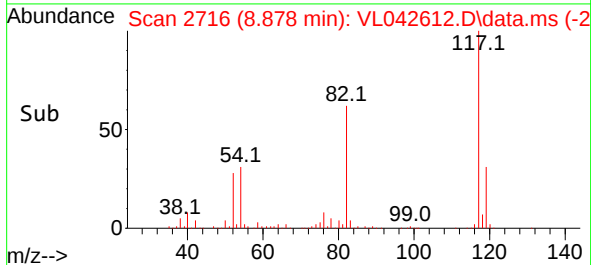
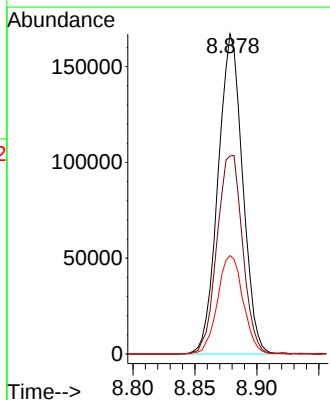
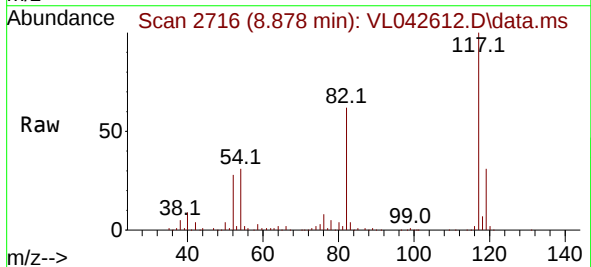
Manual Integrations
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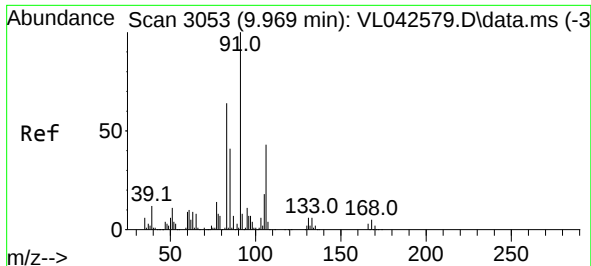
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.010 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

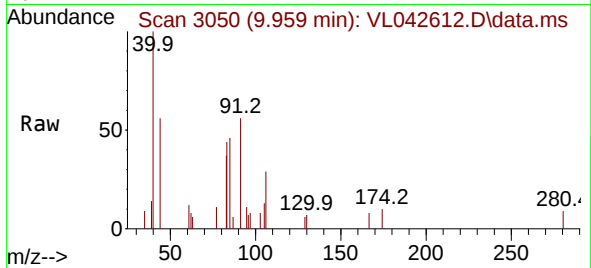
Tgt Ion:117 Resp: 230915
Ion Ratio Lower Upper
117 100
82 64.9 51.2 76.8
119 32.1 26.3 39.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.041 ppbv m
RT: 9.959 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45

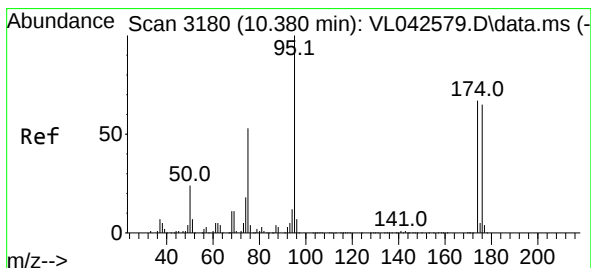
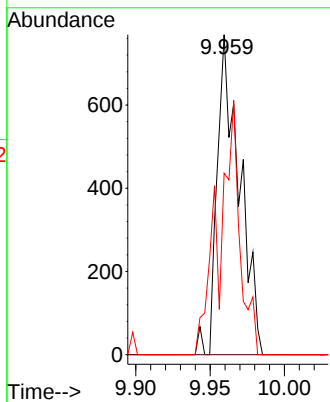
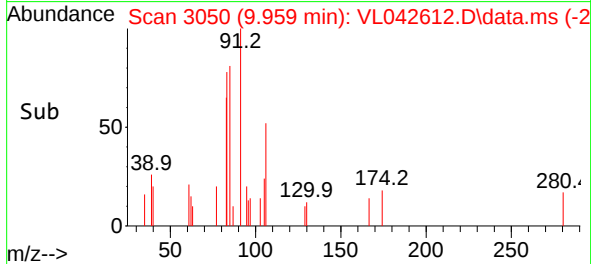
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025



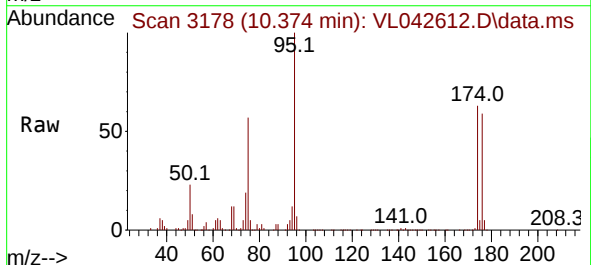
Tgt Ion: 83 Resp: 802
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 74.8 32.5 97.4

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/06/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.032 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.007 min
Lab File: VL042612.D
Acq: 03 Jun 2025 15:45



Tgt Ion: 95 Resp: 173651
Ion Ratio Lower Upper
95 100
174 63.7 53.1 79.7
175 4.8 4.2 6.2

