

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042561.D
 Acq On : 21 May 2025 11:59
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 21 23:02:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	108931	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	333676	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	285918	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	228365	9.980	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
5) Vinyl Chloride	1.580	62	221	0.031	ppbv #	Qvalue 77

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

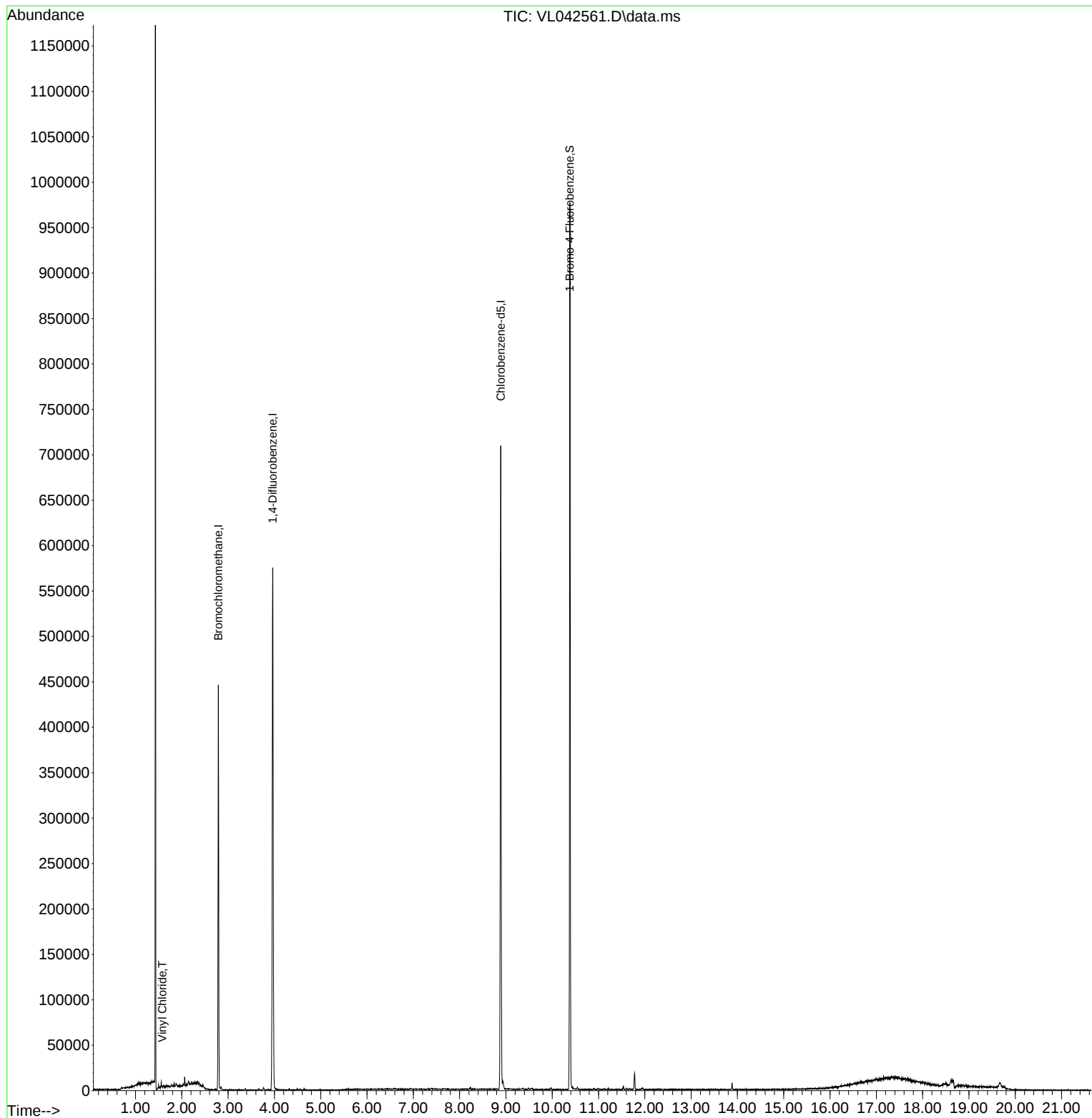
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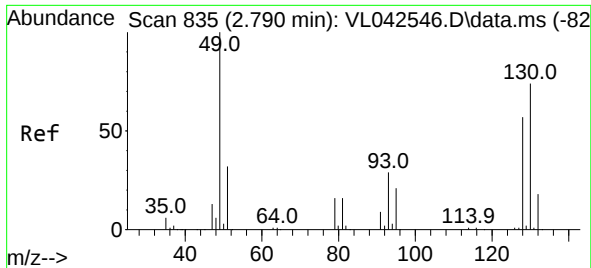
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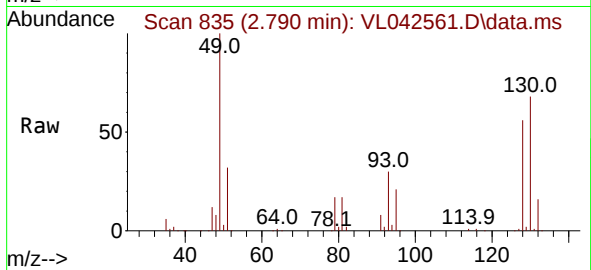
Quant Time: May 21 23:02:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

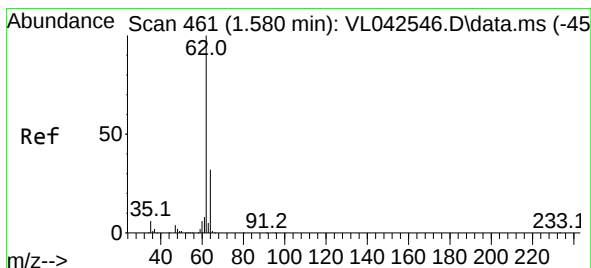
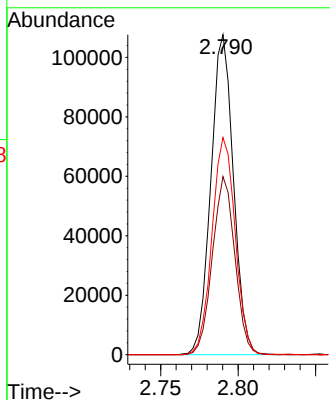
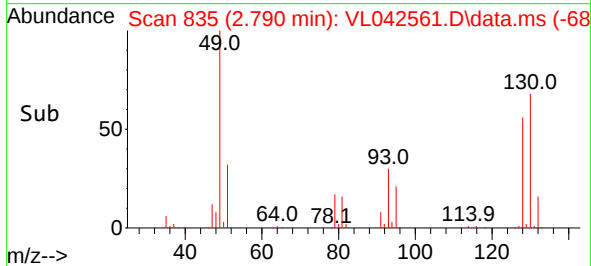
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 10893
Ion Ratio Lower Upper
49 100
128 55.5 28.6 85.8
130 70.0 36.6 109.8

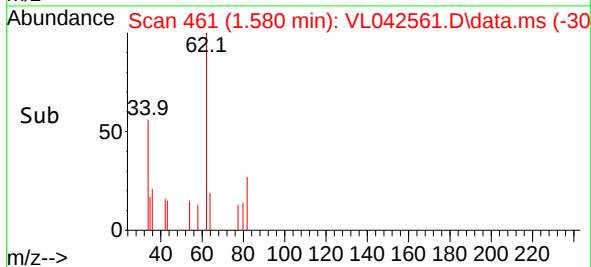
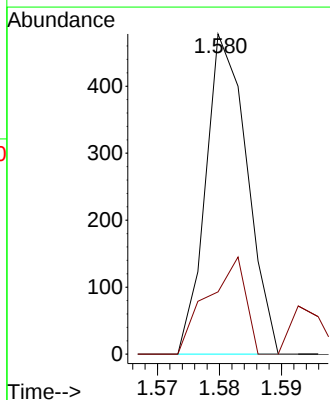
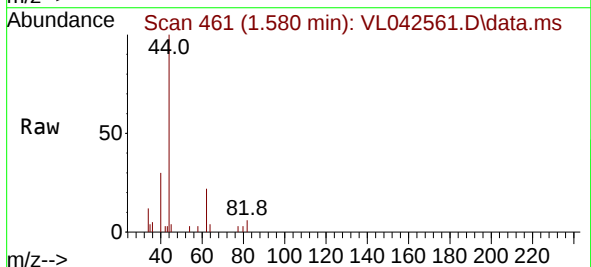
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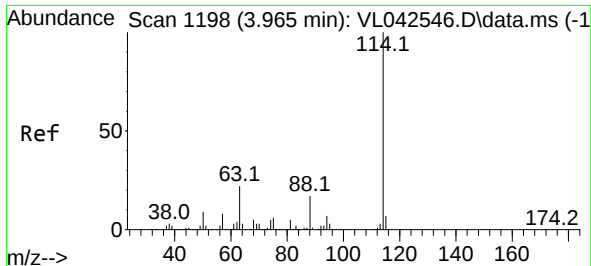
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#5
Vinyl Chloride
Concen: 0.031 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL042561.D
Acq: 21 May 2025 11:59

Tgt Ion: 62 Resp: 221
Ion Ratio Lower Upper
62 100
64 19.5 25.7 38.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.003 min

Lab File: VL042561.D

Acq: 21 May 2025 11:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

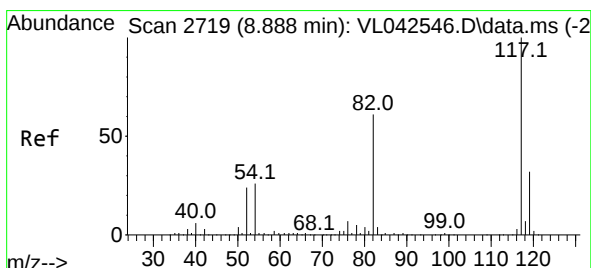
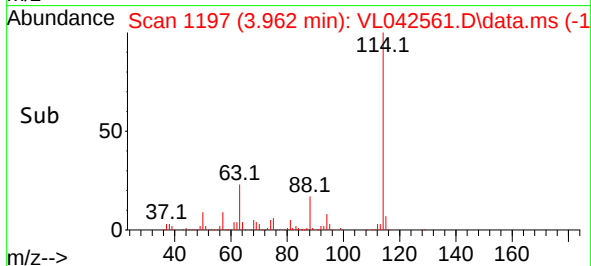
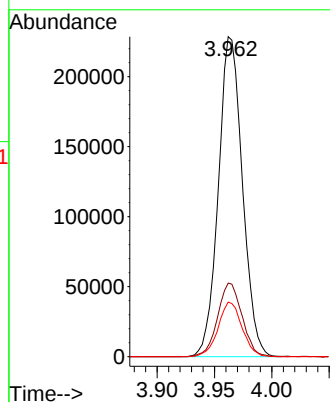
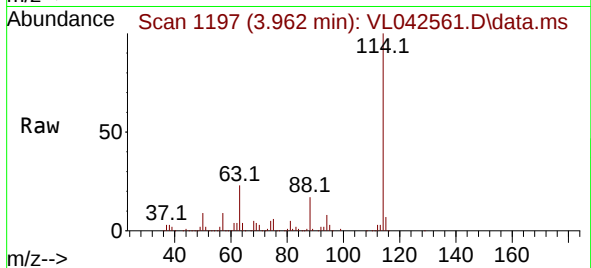
Tgt Ion:114 Resp: 333670

Ion	Ratio	Lower	Upper
114	100		
63	23.4	18.4	27.6
88	16.9	14.0	21.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

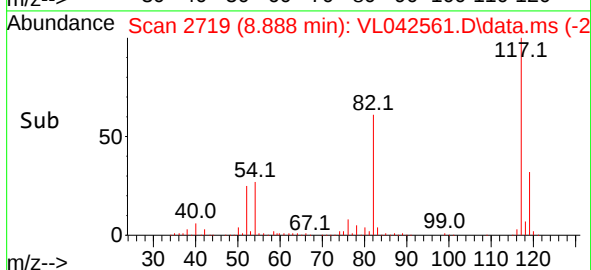
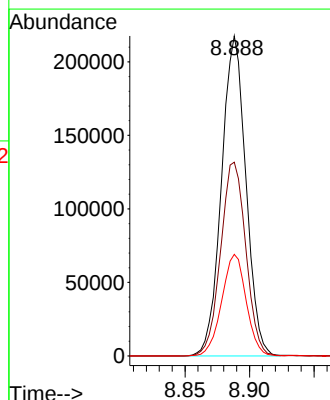
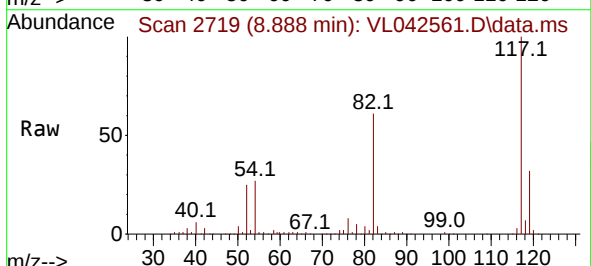
Delta R.T. -0.000 min

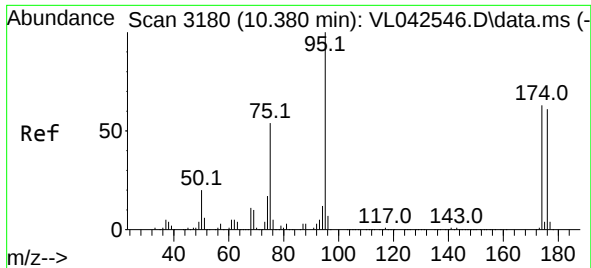
Lab File: VL042561.D

Acq: 21 May 2025 11:59

Tgt Ion:117 Resp: 285918

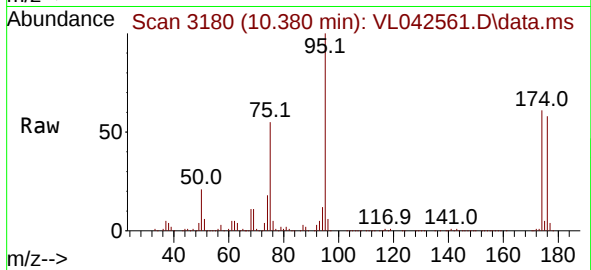
Ion	Ratio	Lower	Upper
117	100		
82	62.5	51.0	76.4
119	32.0	27.0	40.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.980 ppbv
 RT: 10.380 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VL042561.D
 Acq: 21 May 2025 11:59

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03



Tgt Ion: 95 Resp: 22836
 Ion Ratio Lower Upper
 95 100
 174 64.6 52.0 78.0
 175 4.6 3.8 5.6

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