

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042570.D
 Acq On : 21 May 2025 17:25
 Operator : SY/MD
 Sample : MDL 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.40

Manual Integrations
 APPROVED

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

Quant Time: May 21 23:08:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.794	49	103871	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	317280	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	267167	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	222860	10.423	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.200%
Target Compounds						
13) Ethanol	1.725	45	452m	0.561	ppbv	Qvalue

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

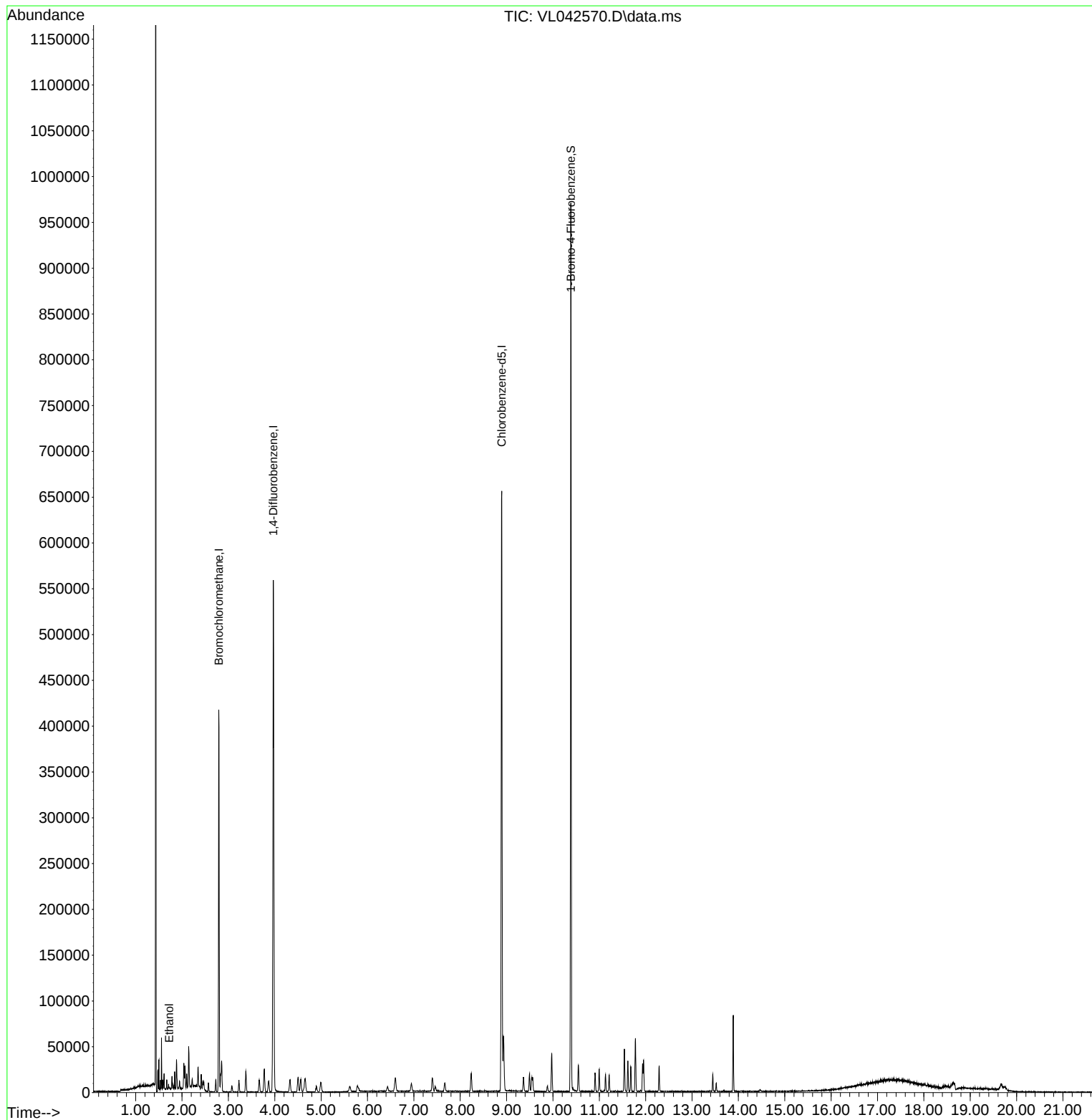
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
Data File : VL042570.D
Acq On : 21 May 2025 17:25
Operator : SY/MD
Sample : MDL 0.40
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

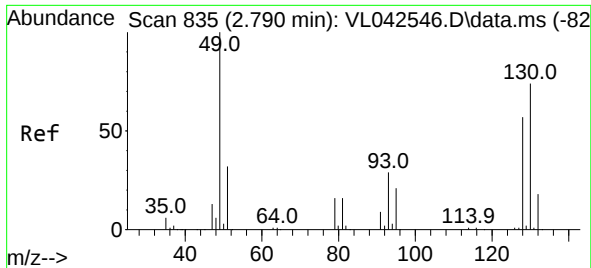
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.40

Manual Integrations
APPROVED

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

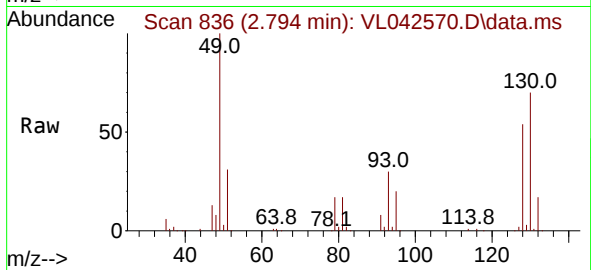
Quant Time: May 21 23:08:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042570.D
Acq: 21 May 2025 17:25

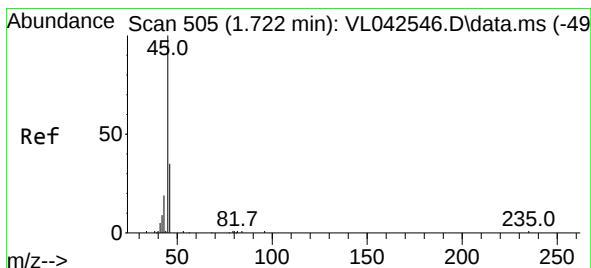
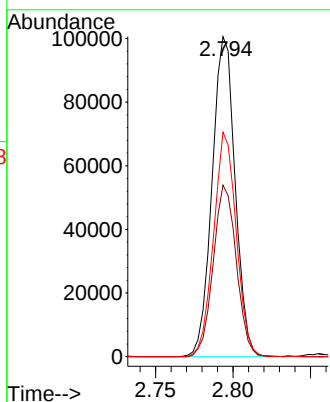
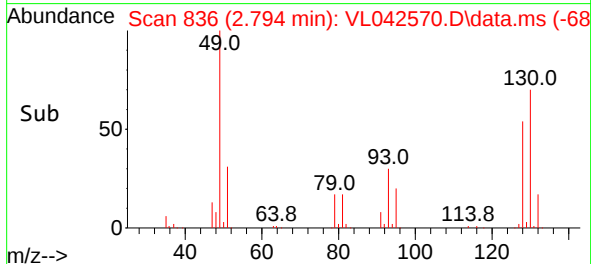
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.40



Tgt Ion: 49 Resp: 10387
Ion Ratio Lower Upper
49 100
128 53.7 28.6 85.8
130 69.2 36.6 109.8

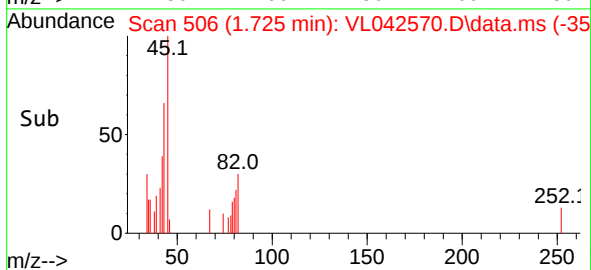
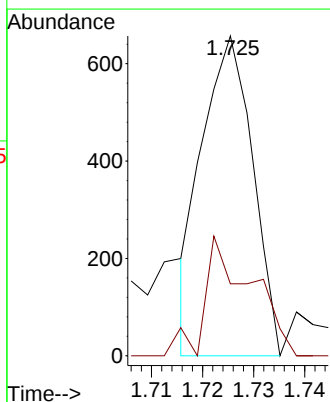
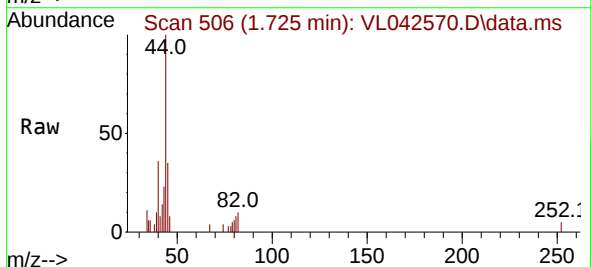
Manual Integrations
APPROVED

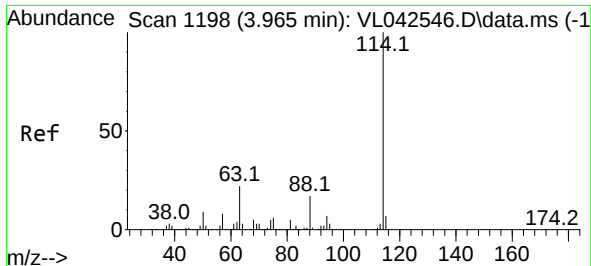
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#13
Ethanol
Concen: 0.561 ppbv m
RT: 1.725 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL042570.D
Acq: 21 May 2025 17:25

Tgt Ion: 45 Resp: 452
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1198

Delta R.T. 0.003 min

Lab File: VL042570.D

Acq: 21 May 2025 17:25

Instrument :

MSVOA_L

ClientSampleId :

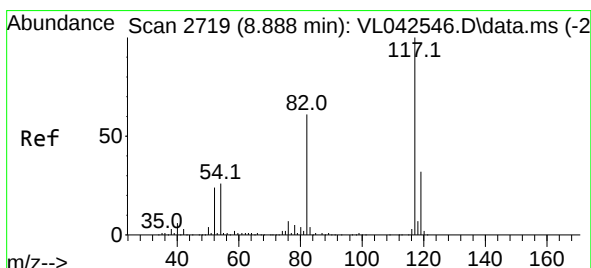
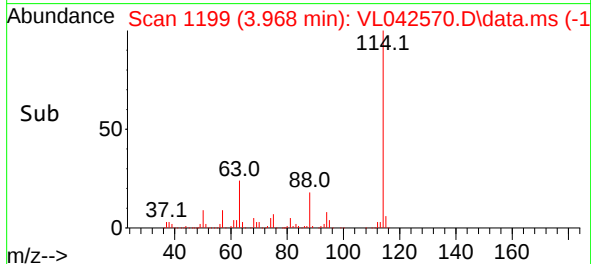
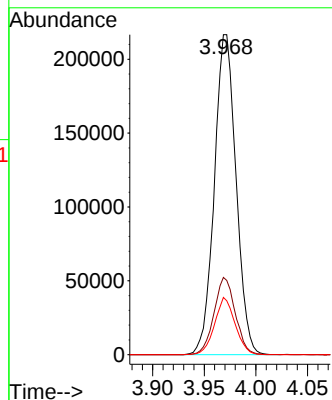
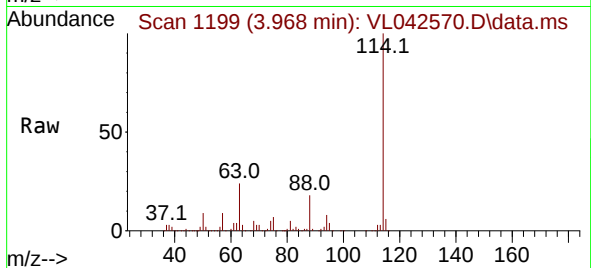
MDL 0.40

Tgt Ion:114 Resp: 317280
 Ion Ratio Lower Upper
 114 100
 63 23.7 18.4 27.6
 88 16.9 14.0 21.0

Manual Integrations

APPROVED

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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

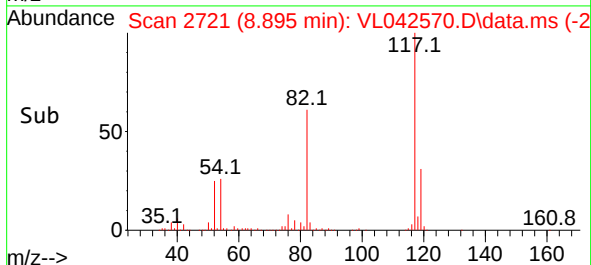
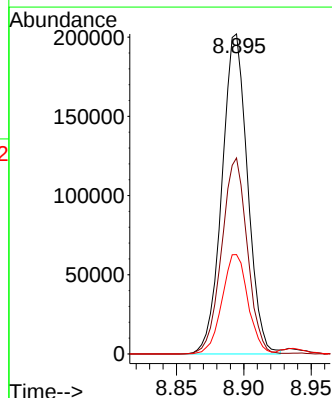
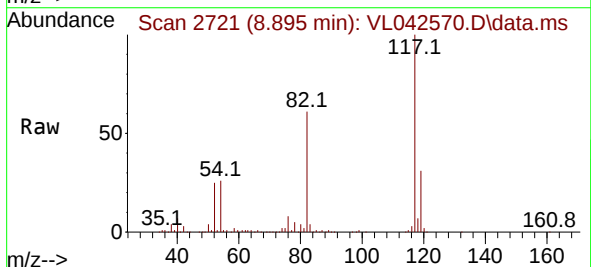
RT: 8.895 min Scan# 2721

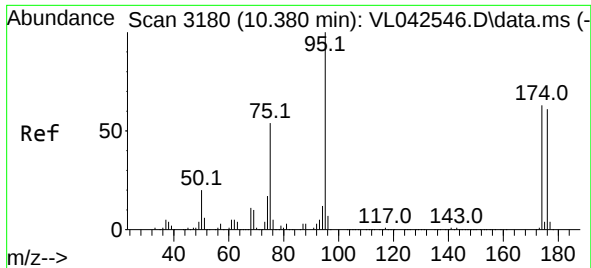
Delta R.T. 0.006 min

Lab File: VL042570.D

Acq: 21 May 2025 17:25

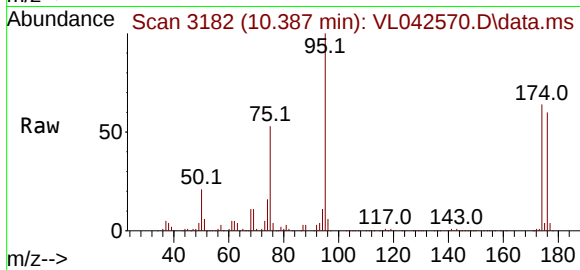
Tgt Ion:117 Resp: 267167
 Ion Ratio Lower Upper
 117 100
 82 61.4 51.0 76.4
 119 33.2 27.0 40.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.423 ppbv
 RT: 10.387 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VL042570.D
 Acq: 21 May 2025 17:25

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.40



Tgt Ion: 95 Resp: 222860
 Ion Ratio Lower Upper
 95 100
 174 65.6 52.0 78.0
 175 4.6 3.8 5.6

Manual Integrations
 APPROVED

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

