

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
 Data File : VL042577.D
 Acq On : 22 May 2025 12:40
 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 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:48:59 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	2.797	49	114545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	331450	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	287684	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	231339	10.048	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
5) Vinyl Chloride	1.583	62	374m	0.049	ppbv	Qvalue

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

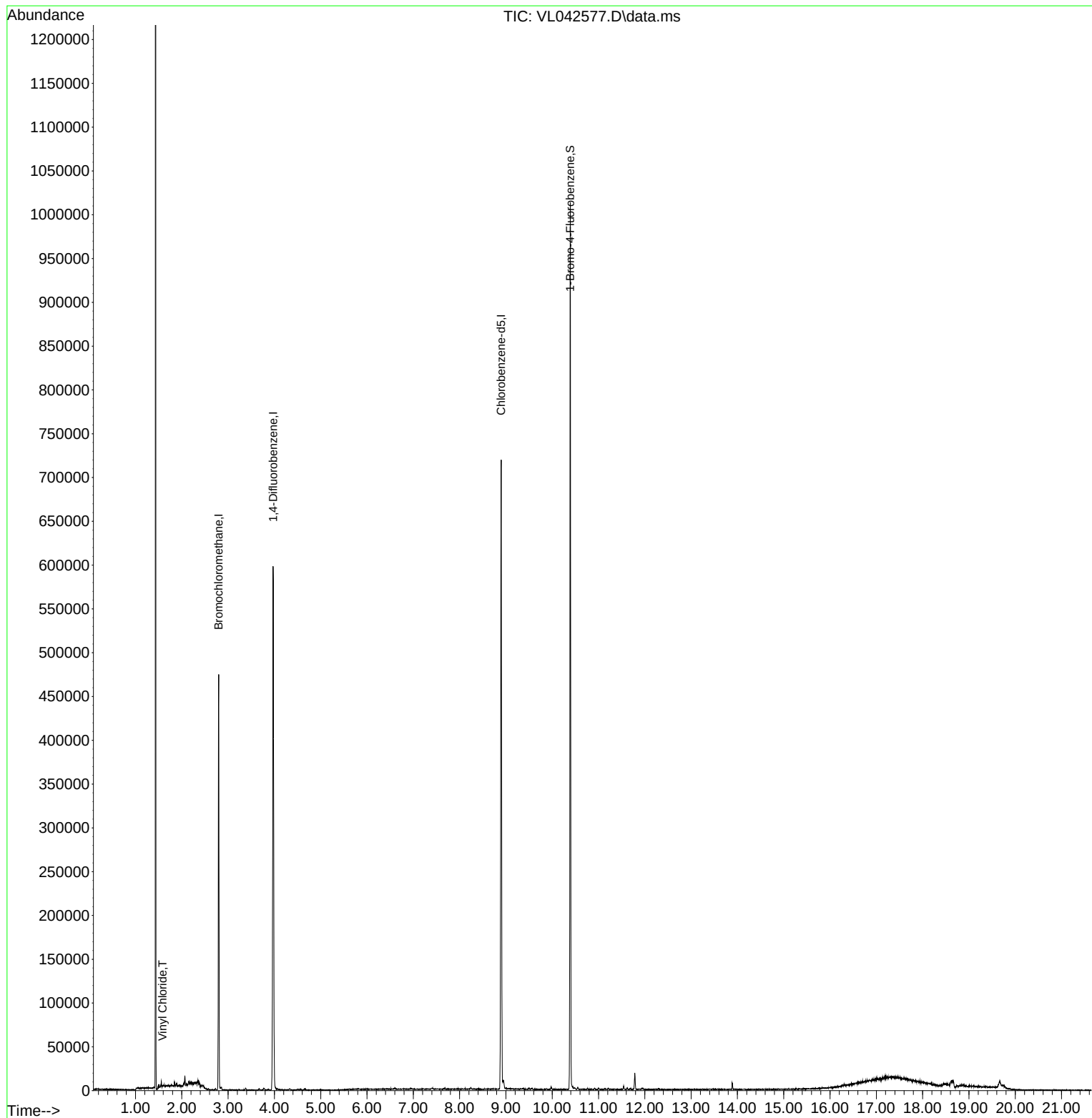
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052225\
Data File : VL042577.D
Acq On : 22 May 2025 12:40
Operator : SY/MD
Sample : MDL 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

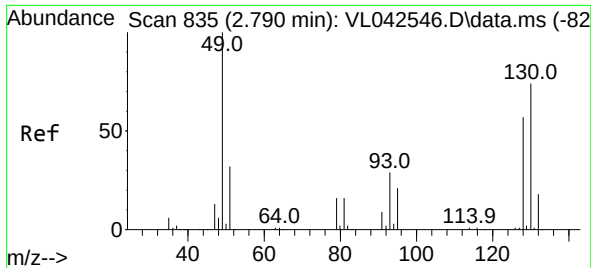
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:48:59 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: 2.797 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

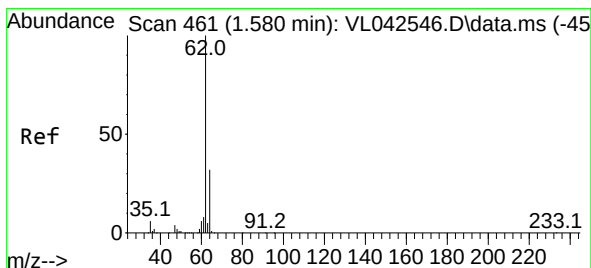
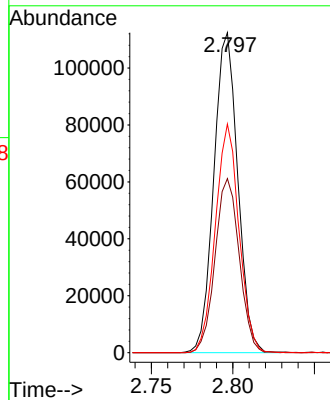
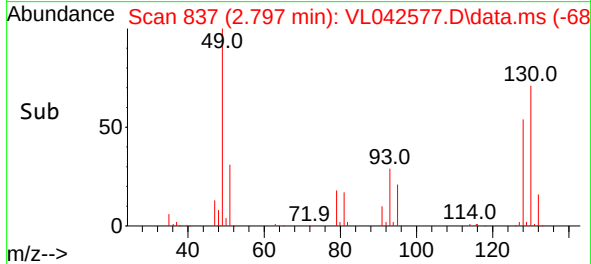
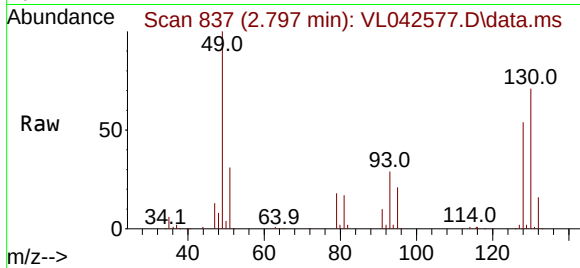
MDL 0.03

Tgt Ion: 49	Resp: 11454
Ion Ratio	Lower Upper
49	100
128	55.1 28.6 85.8
130	70.5 36.6 109.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#5

Vinyl Chloride

Concen: 0.049 ppbv m

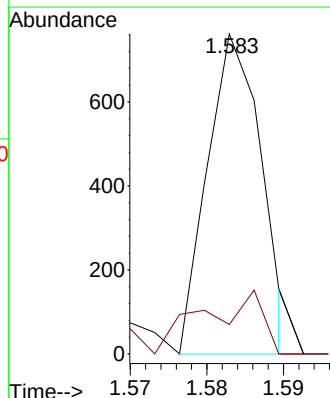
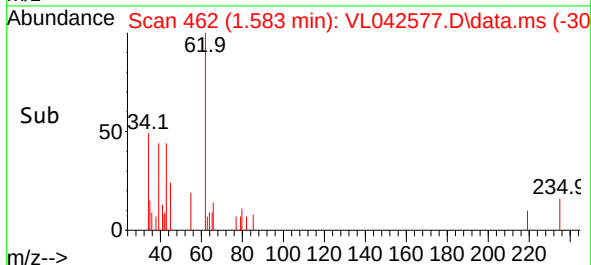
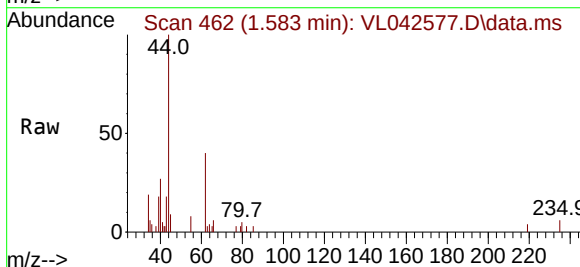
RT: 1.583 min Scan# 462

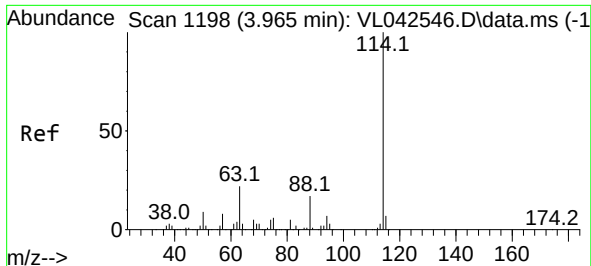
Delta R.T. 0.003 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Tgt Ion: 62	Resp: 374
Ion Ratio	Lower Upper
62	100
64	9.2 25.7 38.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1198

Delta R.T. 0.006 min

Lab File: VL042577.D

Acq: 22 May 2025 12:40

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

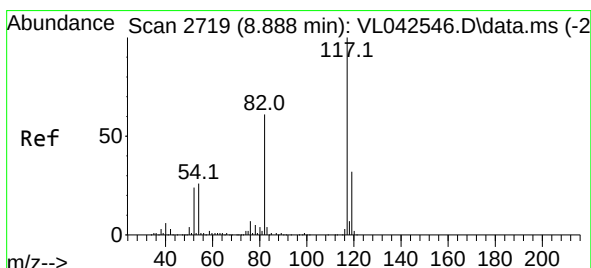
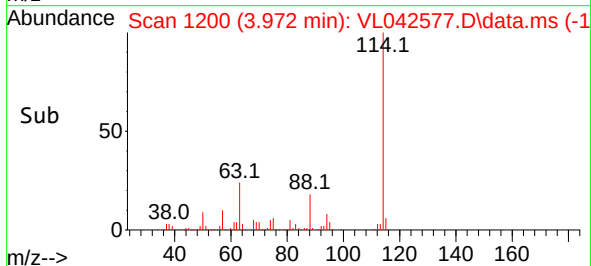
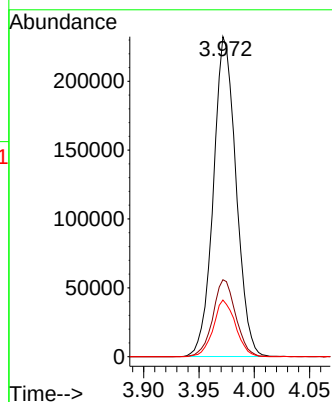
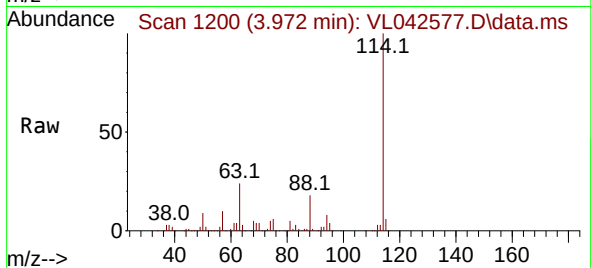
Tgt Ion:114 Resp: 331450

Ion	Ratio	Lower	Upper
114	100		
63	24.4	18.4	27.6
88	17.4	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2722

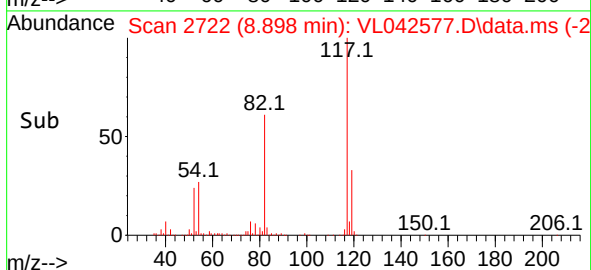
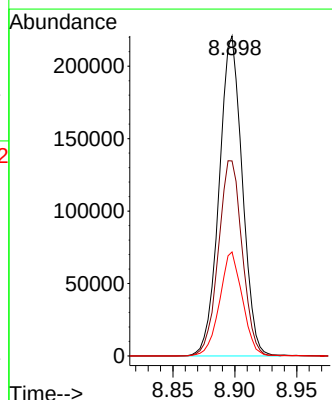
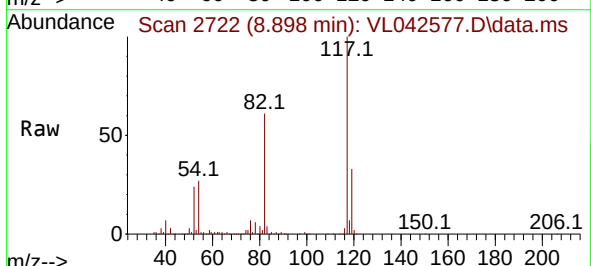
Delta R.T. 0.009 min

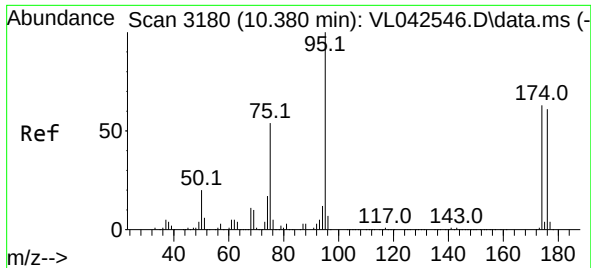
Lab File: VL042577.D

Acq: 22 May 2025 12:40

Tgt Ion:117 Resp: 287684

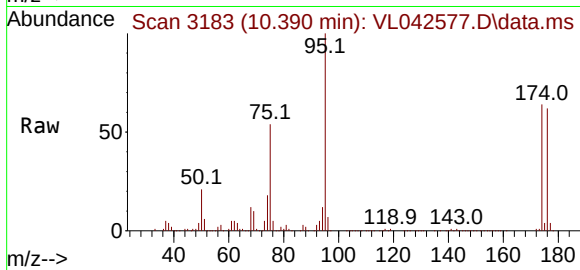
Ion	Ratio	Lower	Upper
117	100		
82	62.9	51.0	76.4
119	32.2	27.0	40.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.048 ppbv
 RT: 10.390 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: VL042577.D
 Acq: 22 May 2025 12:40

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03



Tgt Ion: 95 Resp: 231339
 Ion Ratio Lower Upper
 95 100
 174 65.1 52.0 78.0
 175 4.5 3.8 5.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

