

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042567.D
 Acq On : 21 May 2025 15:49
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Manual Integrations
 APPROVED

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

Quant Time: May 21 23:05:56 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	2.790	49	104114	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	313827	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	265469	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	215219	10.130	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
79) Naphthalene	13.520	128	968m	0.034	ppbv	Qvalue

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

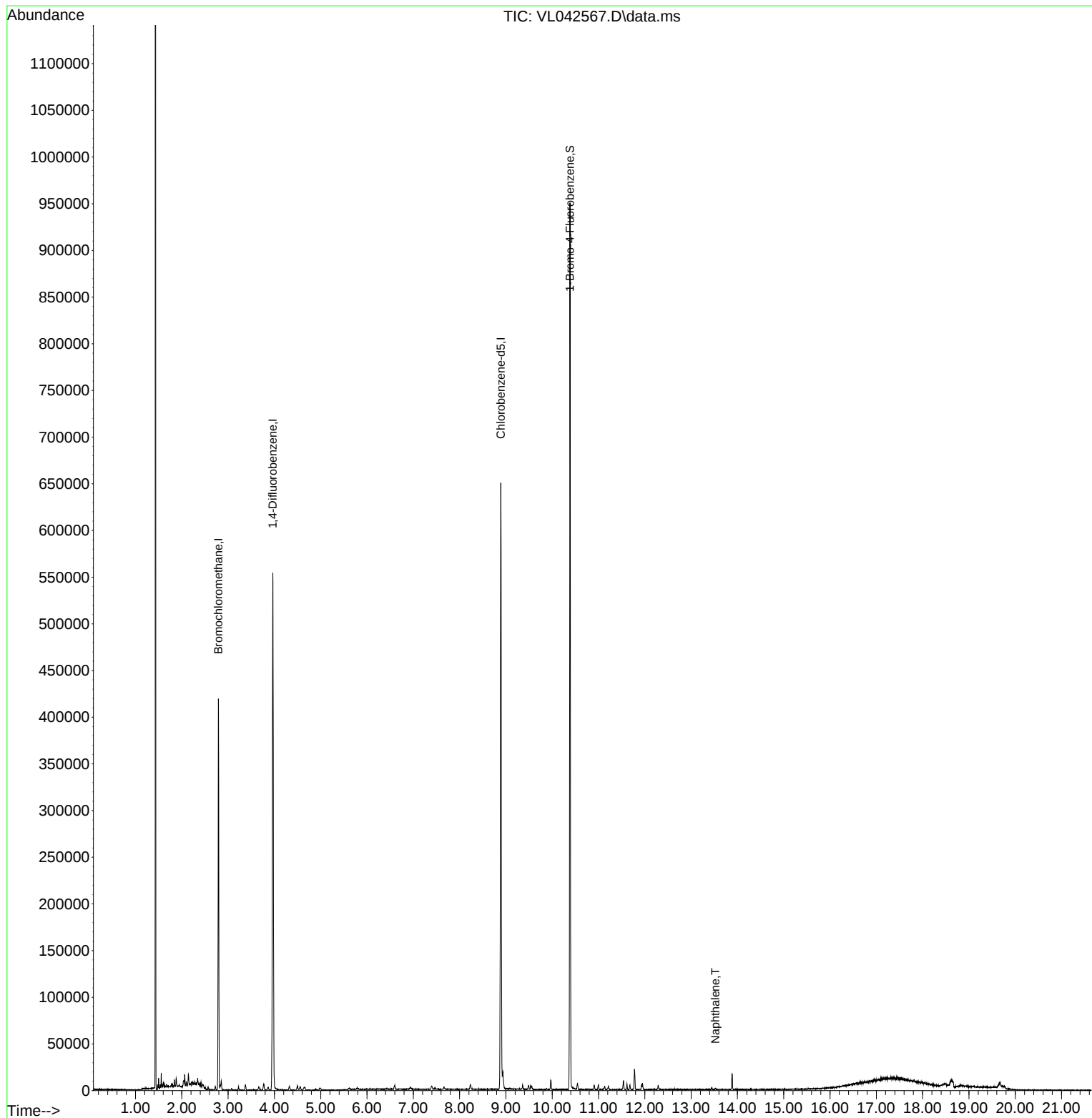
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
Data File : VL042567.D
Acq On : 21 May 2025 15:49
Operator : SY/MD
Sample : MDL 0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

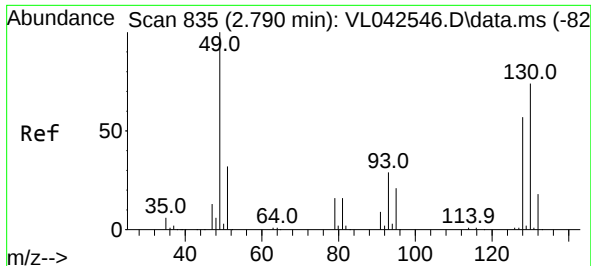
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Manual Integrations
APPROVED

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

Quant Time: May 21 23:05:56 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: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

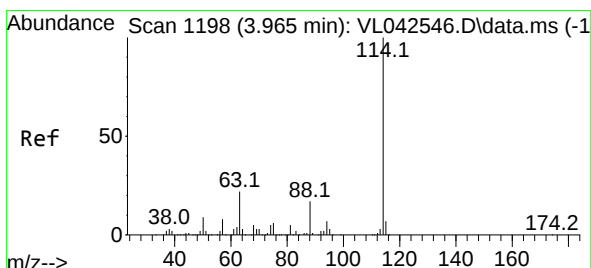
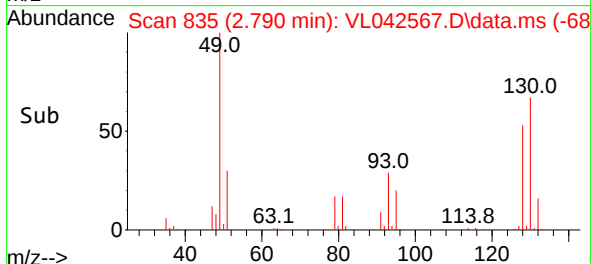
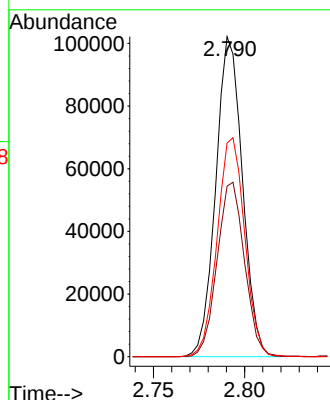
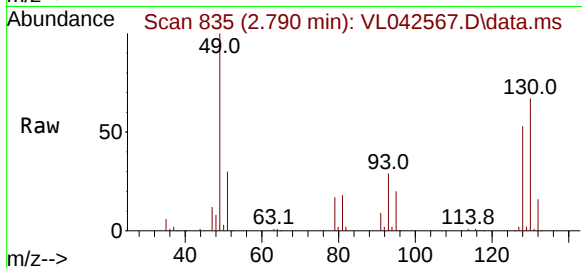
Tgt Ion: 49 Resp: 104114

Ion	Ratio	Lower	Upper
49	100		
128	55.9	28.6	85.8
130	70.7	36.6	109.8

Manual Integrations

APPROVED

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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

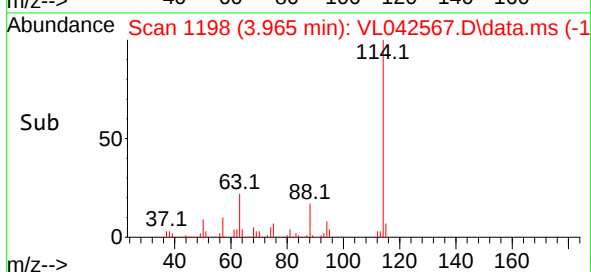
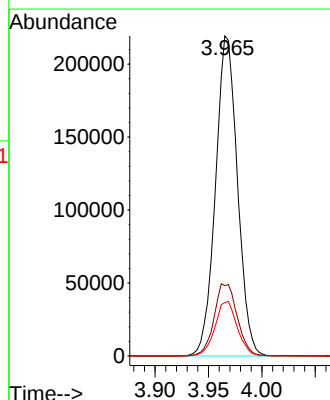
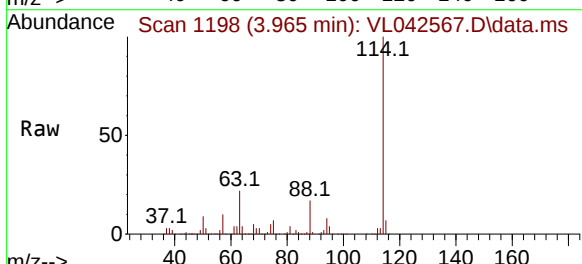
Delta R.T. 0.000 min

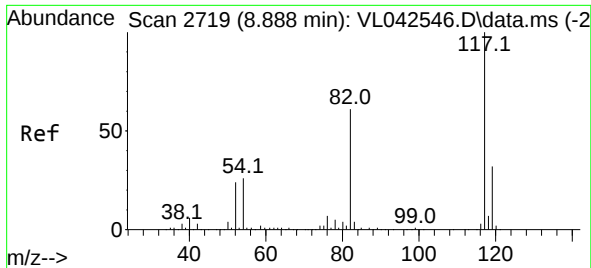
Lab File: VL042567.D

Acq: 21 May 2025 15:49

Tgt Ion:114 Resp: 313827

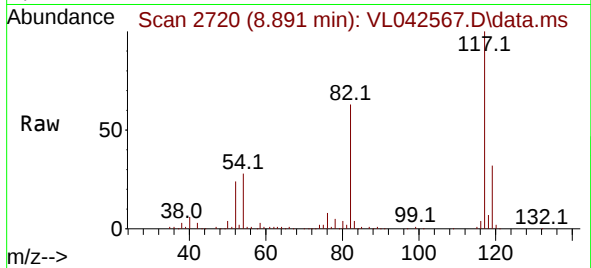
Ion	Ratio	Lower	Upper
114	100		
63	23.9	18.4	27.6
88	17.3	14.0	21.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

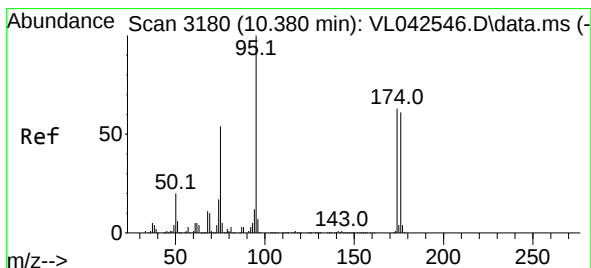
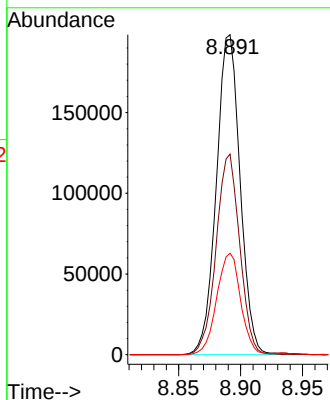
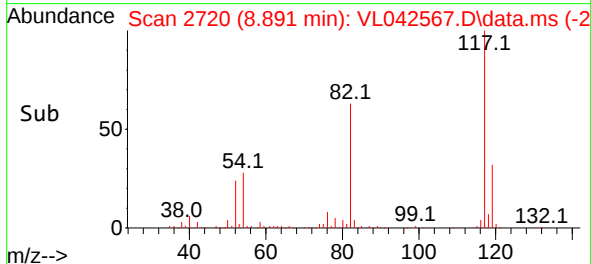
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



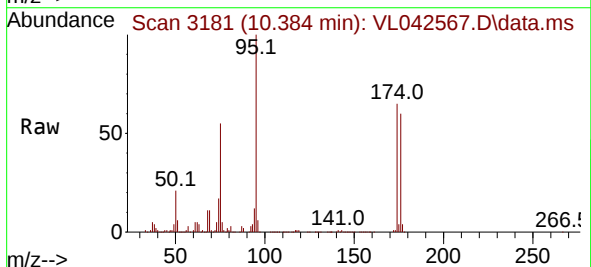
Tgt Ion:117 Resp: 265469
Ion Ratio Lower Upper
117 100
82 62.3 51.0 76.4
119 32.4 27.0 40.4

Manual Integrations
APPROVED

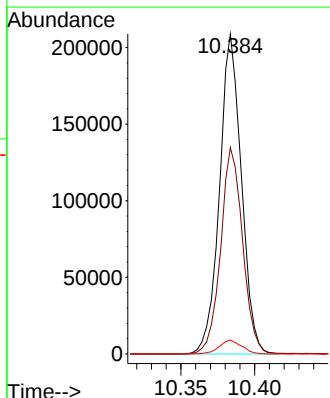
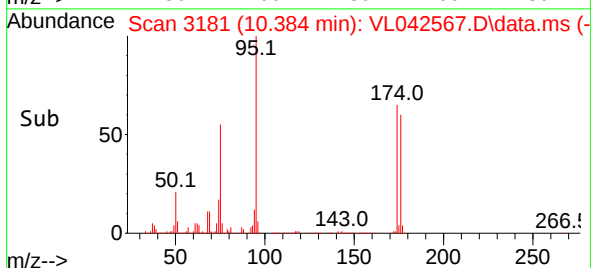
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

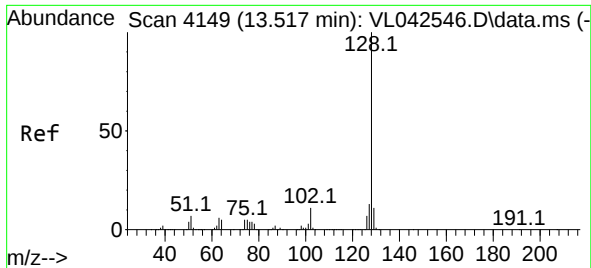


#68
1-Bromo-4-Fluorobenzene
Concen: 10.130 ppbv
RT: 10.384 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49



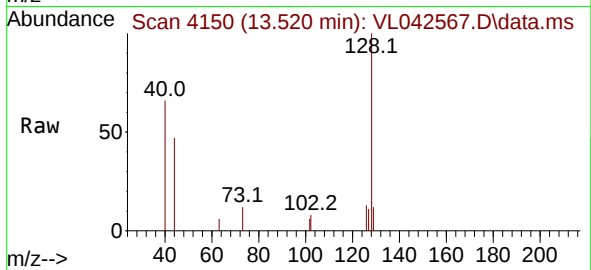
Tgt Ion: 95 Resp: 215219
Ion Ratio Lower Upper
95 100
174 65.3 52.0 78.0
175 4.5 3.8 5.6





#79
Naphthalene
Concen: 0.034 ppbv m
RT: 13.520 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:128 Resp: 968
Ion Ratio Lower Upper
128 100
127 10.9 10.5 15.7
129 11.6 9.0 13.4

Manual Integrations
APPROVED

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

