

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042568.D
 Acq On : 21 May 2025 16:21
 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 23:06:55 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	2.793	49	100842	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	306167	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	261763	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	212738	10.155	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
79) Naphthalene	13.523	128	764m	0.027	ppbv	Qvalue

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

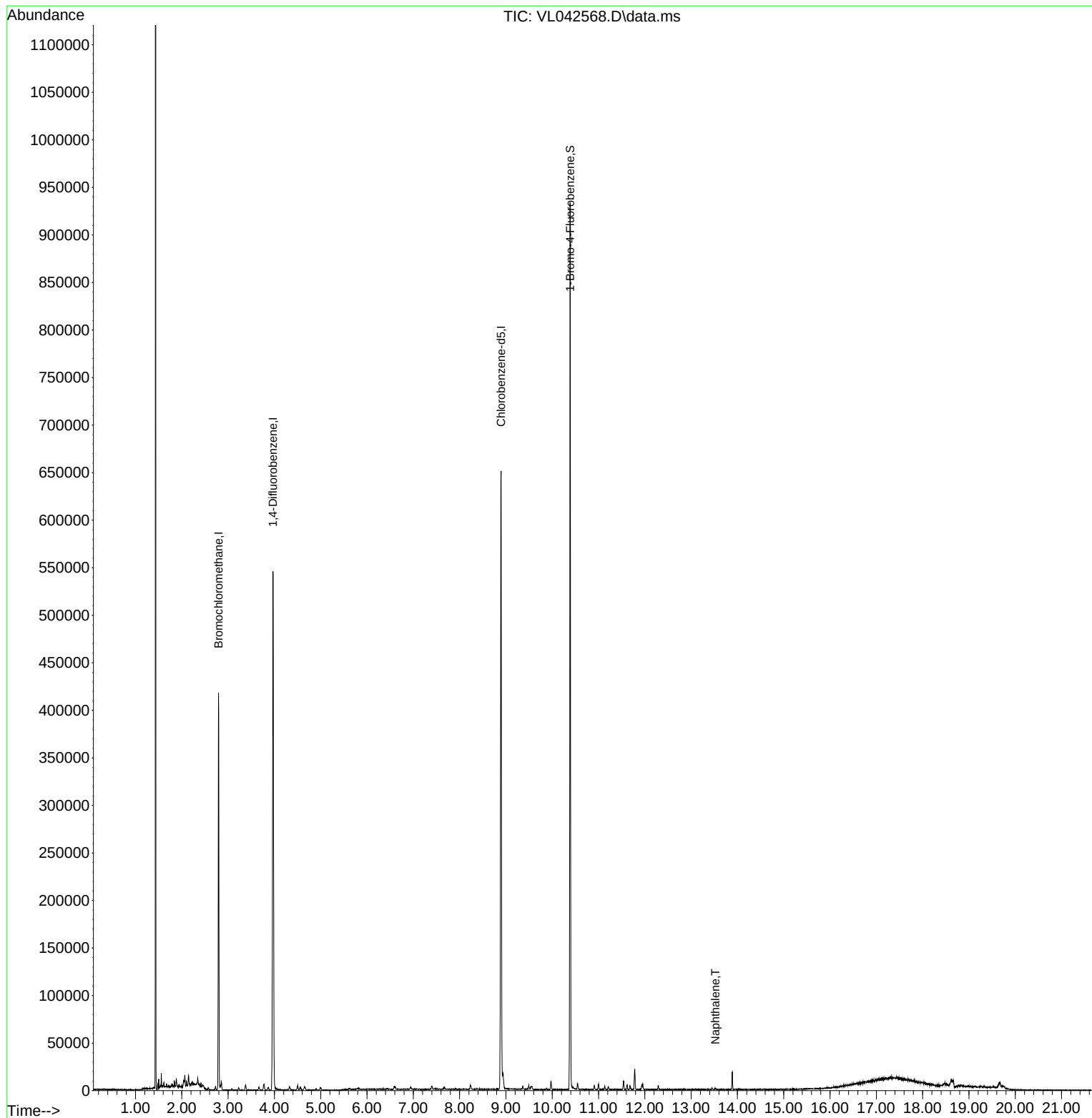
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
Data File : VL042568.D
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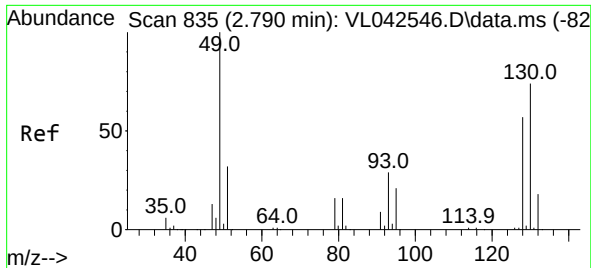
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

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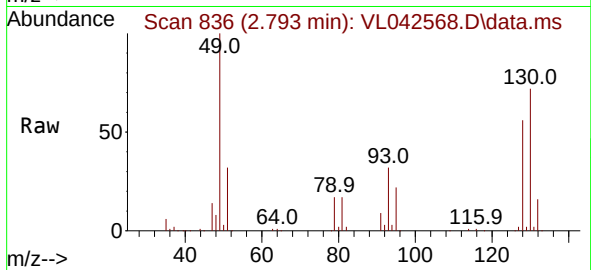
Quant Time: May 21 23:06:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

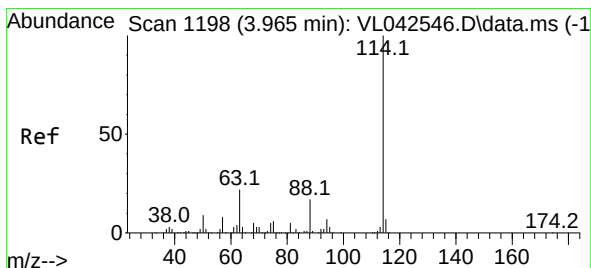
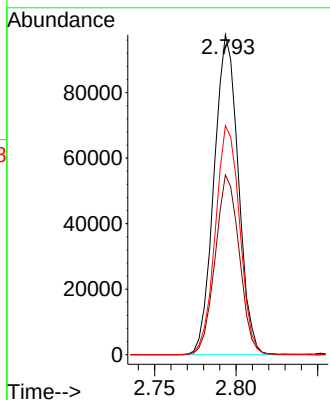
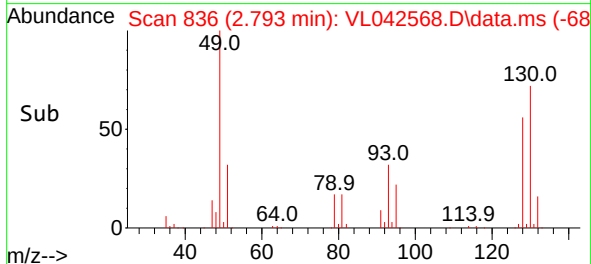
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



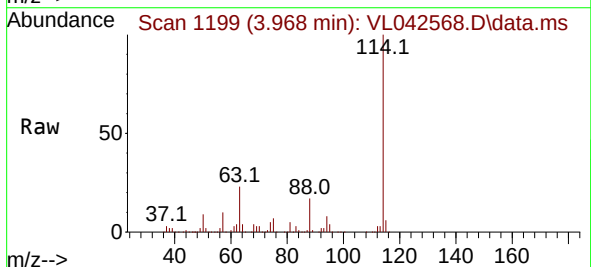
Tgt Ion: 49 Resp: 10084
Ion Ratio Lower Upper
49 100
128 55.8 28.6 85.8
130 72.0 36.6 109.8

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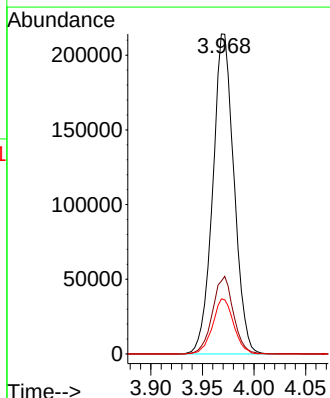
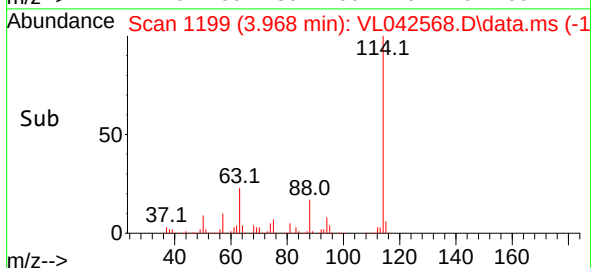
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

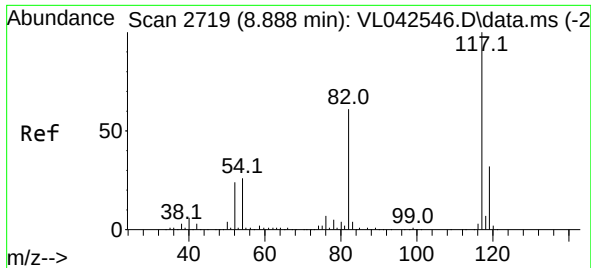


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21



Tgt Ion:114 Resp: 306167
Ion Ratio Lower Upper
114 100
63 24.0 18.4 27.6
88 17.1 14.0 21.0





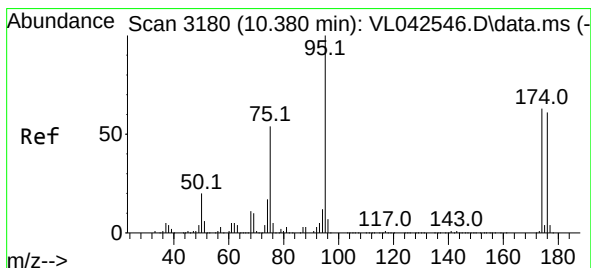
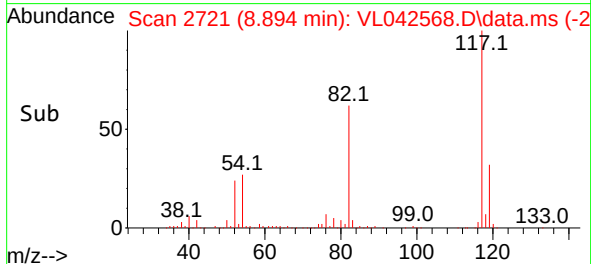
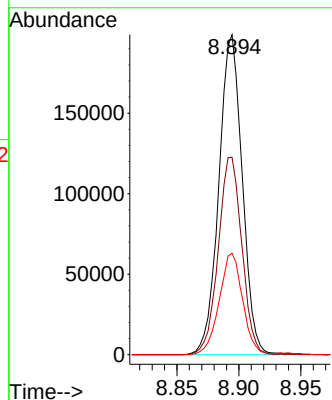
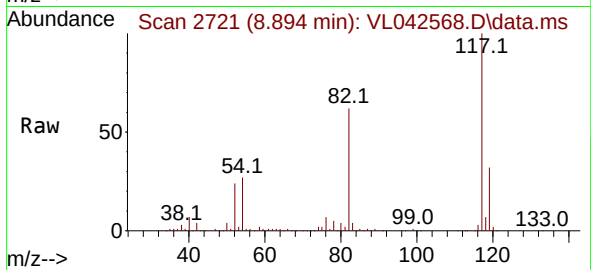
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion:117 Resp: 26176
Ion Ratio Lower Upper
117 100
82 62.3 51.0 76.4
119 32.2 27.0 40.4

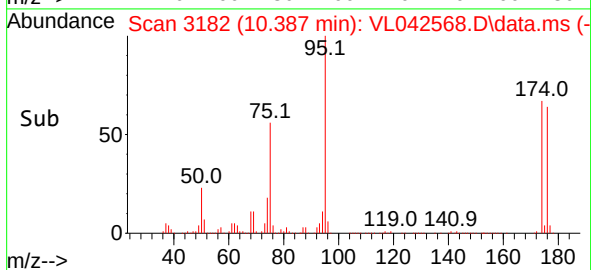
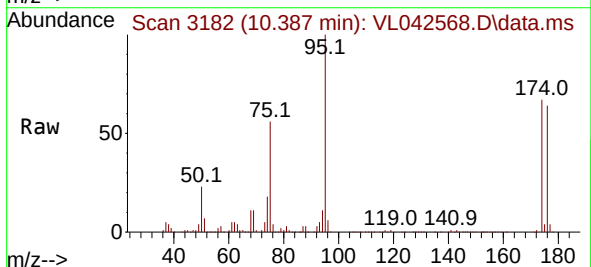
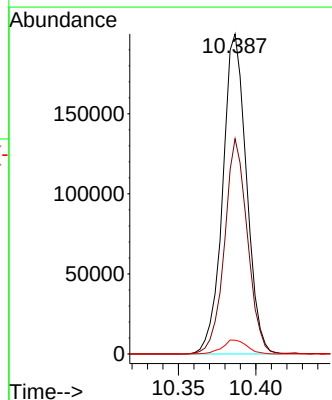
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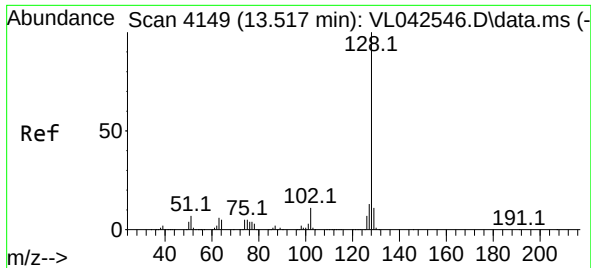
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.155 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

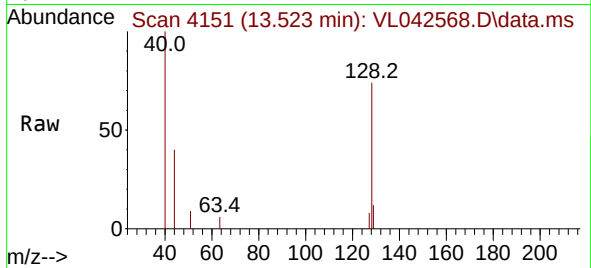
Tgt Ion: 95 Resp: 212738
Ion Ratio Lower Upper
95 100
174 65.3 52.0 78.0
175 4.5 3.8 5.6





#79
Naphthalene
Concen: 0.027 ppbv m
RT: 13.523 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL042568.D
Acq: 21 May 2025 16:21

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:	128	Resp:	764
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.5	15.7
129	16.3	9.0	13.4

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