

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042111.D
 Acq On : 05 Mar 2025 19:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:11:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.806	49	145865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.994	114	328140	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.914	117	270960	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	195010	9.355	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%
Target Compounds						
52) Tetrachloroethene	8.260	164	1199m	0.102	ppbv	Qvalue

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

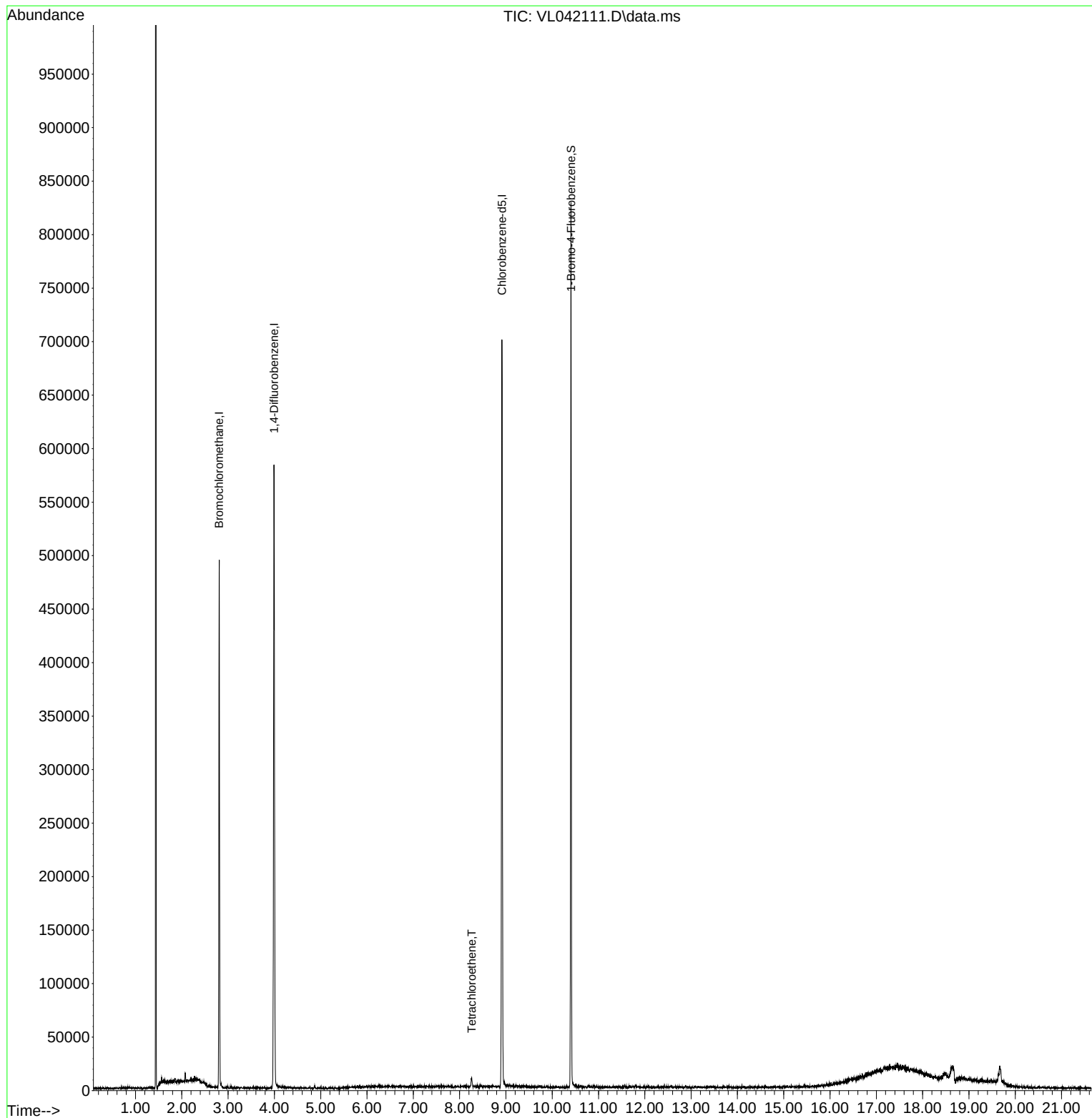
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
Data File : VL042111.D
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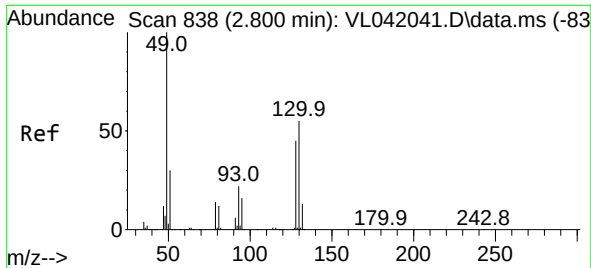
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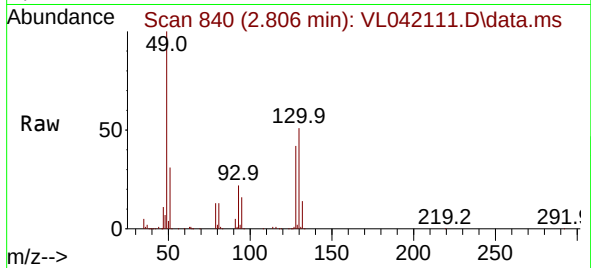
Quant Time: Mar 06 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL042111.D
Acq: 05 Mar 2025 19:05

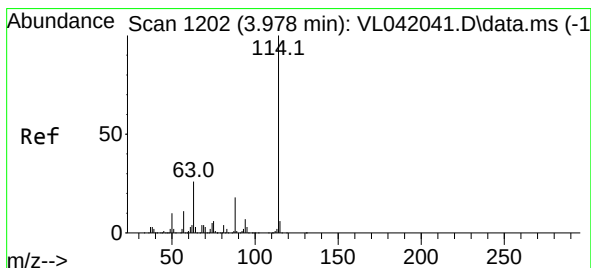
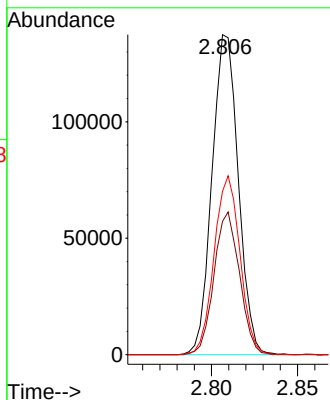
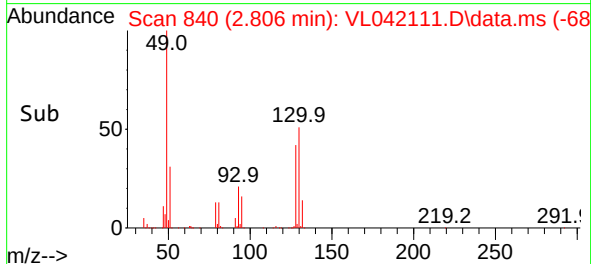
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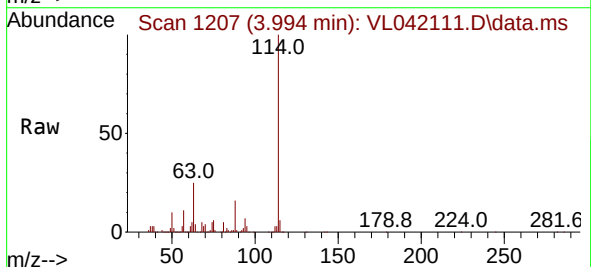
Tgt Ion: 49 Resp: 14586
Ion Ratio Lower Upper
49 100
128 43.4 21.6 64.8
130 55.1 27.8 83.4

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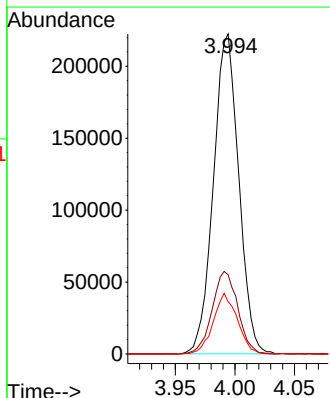
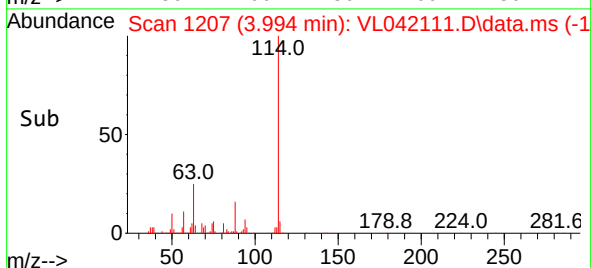
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

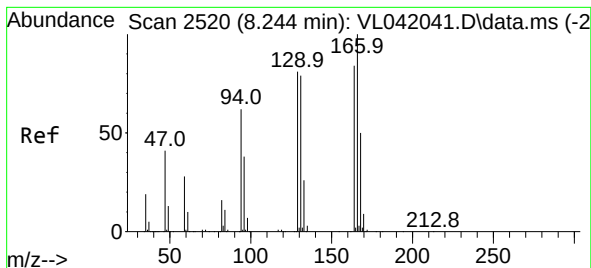


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.994 min Scan# 1207
Delta R.T. 0.016 min
Lab File: VL042111.D
Acq: 05 Mar 2025 19:05



Tgt Ion:114 Resp: 328140
Ion Ratio Lower Upper
114 100
63 26.2 20.1 30.1
88 18.0 14.3 21.5





#52

Tetrachloroethene

Concen: 0.102 ppbv m

RT: 8.260 min Scan# 2

Delta R.T. 0.016 min

Lab File: VL042111.D

Acq: 05 Mar 2025 19:05

Instrument :

MSVOA_L

ClientSampleId :

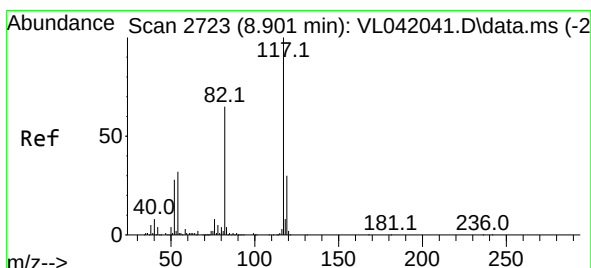
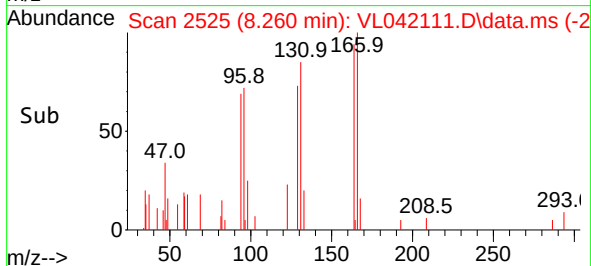
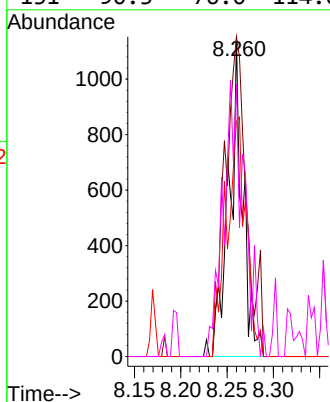
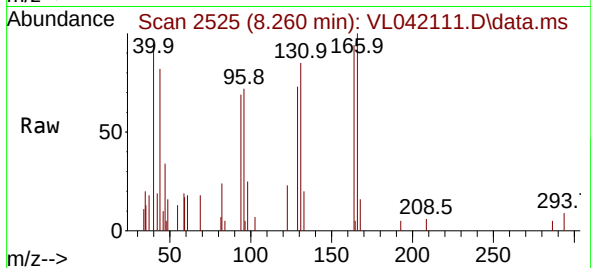
VIBLK

Tgt Ion:164	Resp:	1199
Ion Ratio	Lower	Upper
164	100	
166	106.1	95.7 143.5
129	77.9	77.1 115.7
131	90.3	76.0 114.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

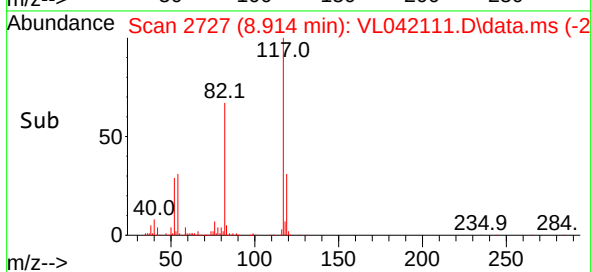
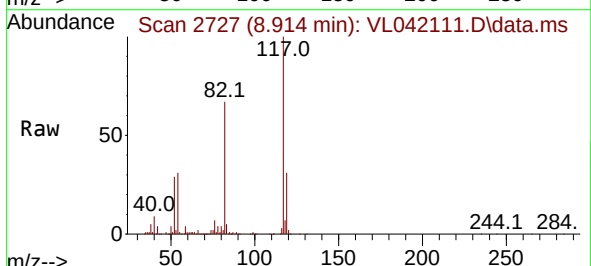
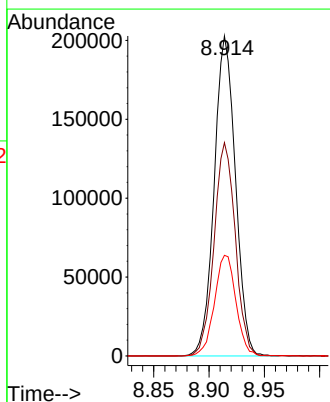
RT: 8.914 min Scan# 2727

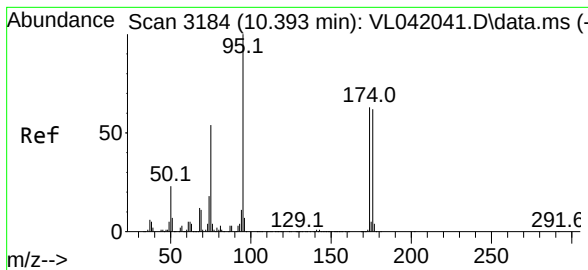
Delta R.T. 0.013 min

Lab File: VL042111.D

Acq: 05 Mar 2025 19:05

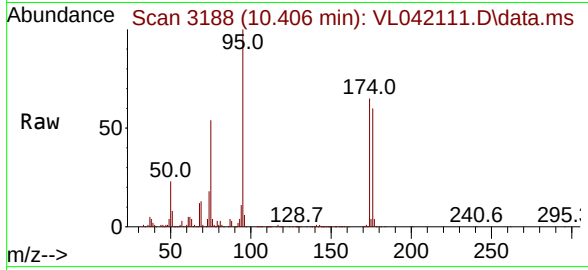
Tgt Ion:117	Resp:	270960
Ion Ratio	Lower	Upper
117	100	
82	66.7	55.0 82.6
119	31.9	25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.355 ppbv
 RT: 10.406 min Scan# 3188
 Delta R.T. 0.013 min
 Lab File: VL042111.D
 Acq: 05 Mar 2025 19:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 195010

Ion	Ratio	Lower	Upper
95	100		
174	63.0	51.8	77.6
175	4.5	3.9	5.9

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