

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042559.D
 Acq On : 21 May 2025 10:55
 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 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 21 23:01:20 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	2.790	49	115172	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	372575	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	320319	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	251528	9.811	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
5) Vinyl Chloride	1.580	62	334	0.044	ppbv #	Qvalue 65

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

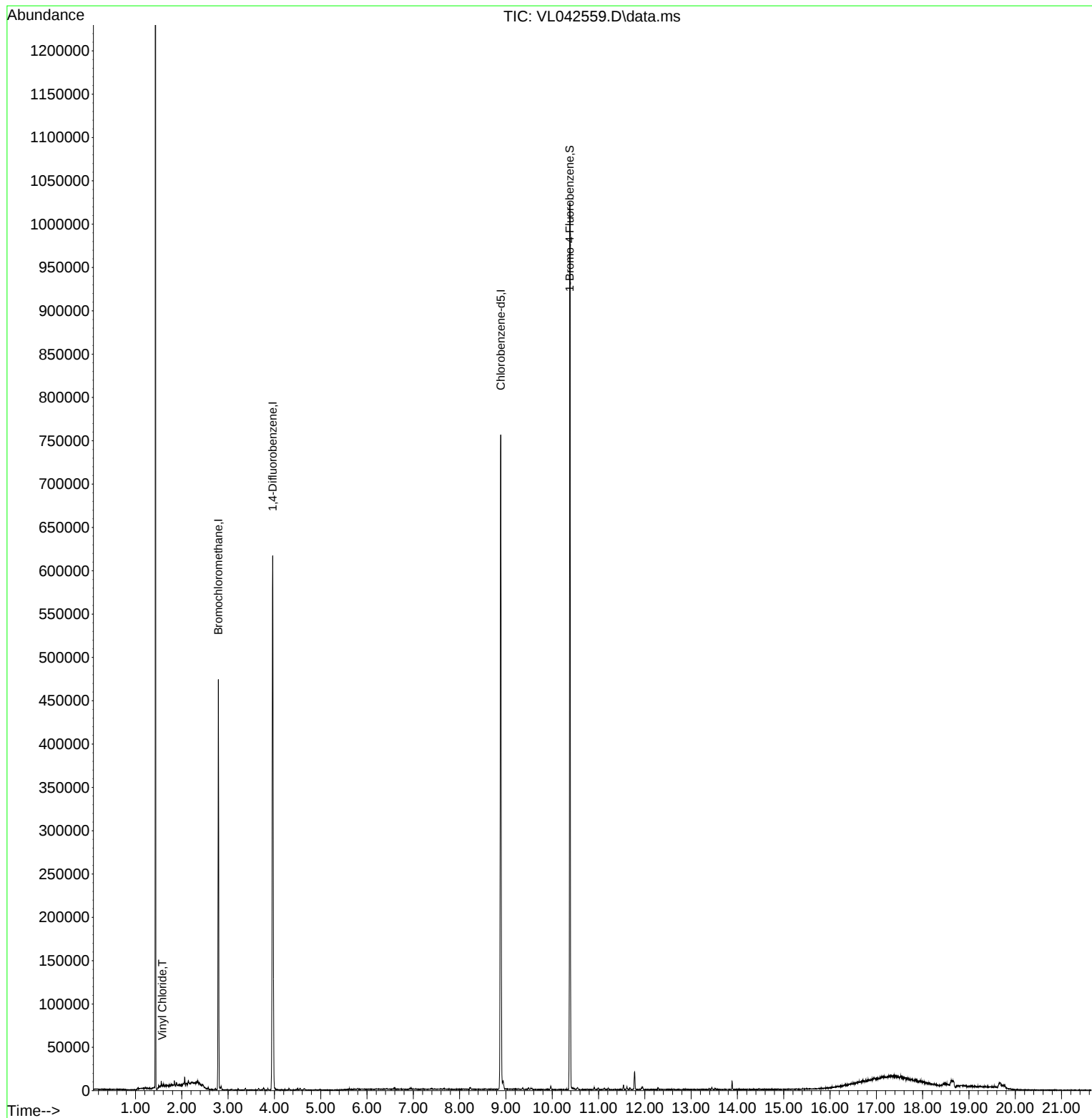
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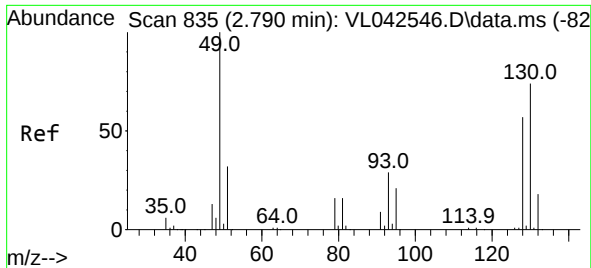
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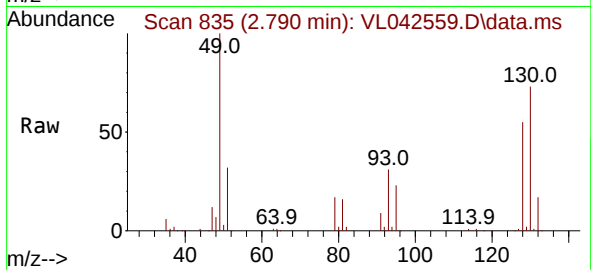
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042559.D
Acq: 21 May 2025 10:55

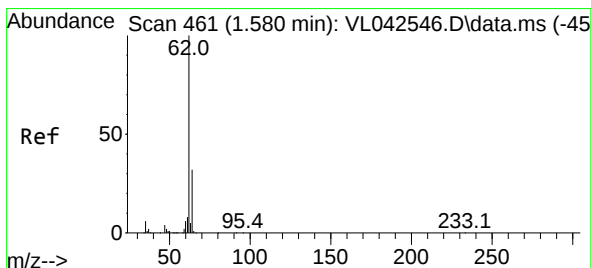
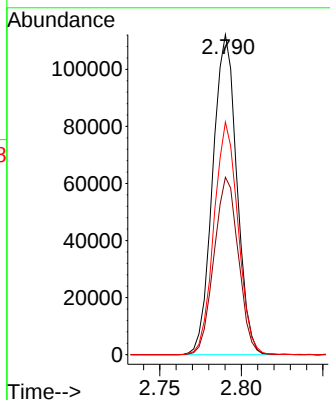
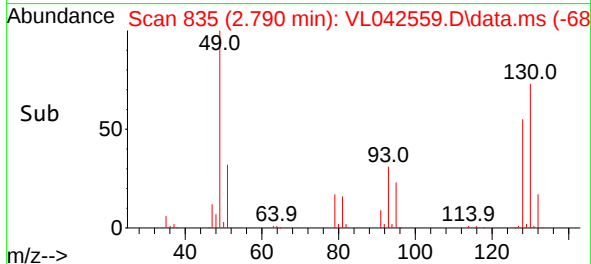
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 115172
Ion Ratio Lower Upper
49 100
128 56.0 28.6 85.8
130 72.5 36.6 109.8

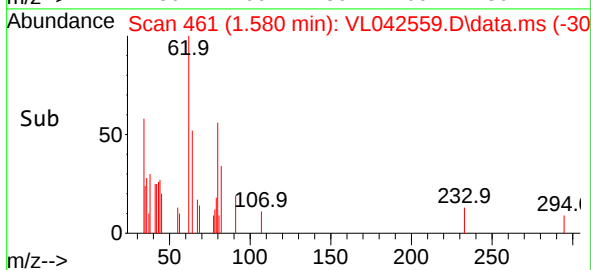
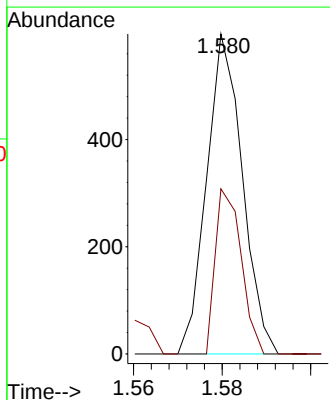
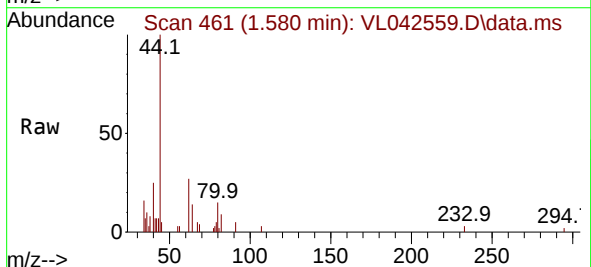
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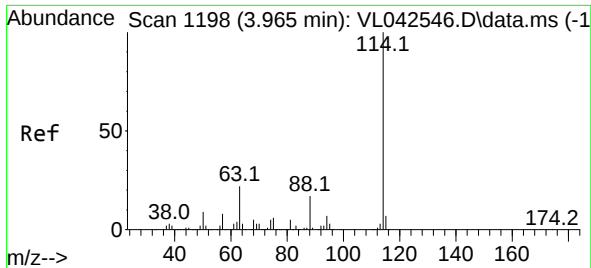
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#5
Vinyl Chloride
Concen: 0.044 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL042559.D
Acq: 21 May 2025 10:55

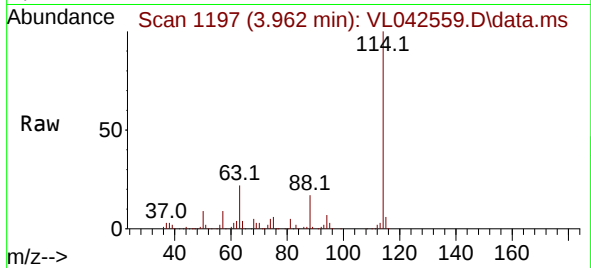
Tgt Ion: 62 Resp: 334
Ion Ratio Lower Upper
62 100
64 51.6 25.7 38.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.003 min
Lab File: VL042559.D
Acq: 21 May 2025 10:55

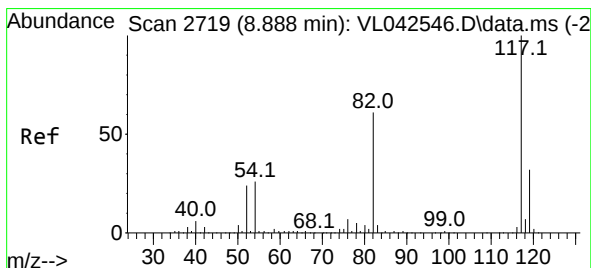
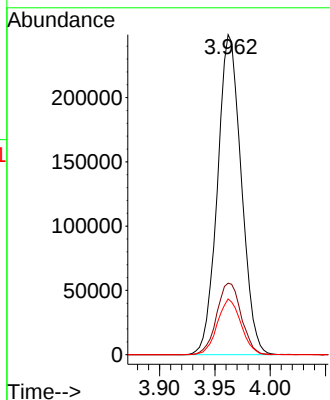
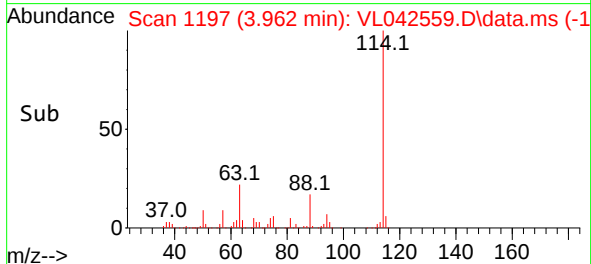
Instrument : MSVOA_L
ClientSampleId : MDL 0.03



Tgt Ion:114 Resp: 372579
Ion Ratio Lower Upper
114 100
63 23.2 18.4 27.6
88 17.2 14.0 21.0

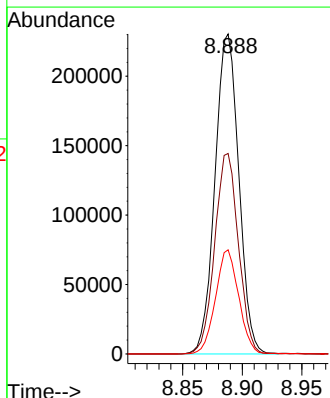
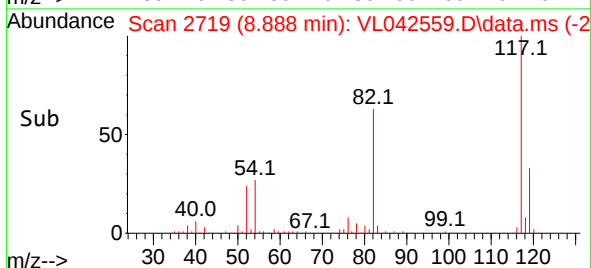
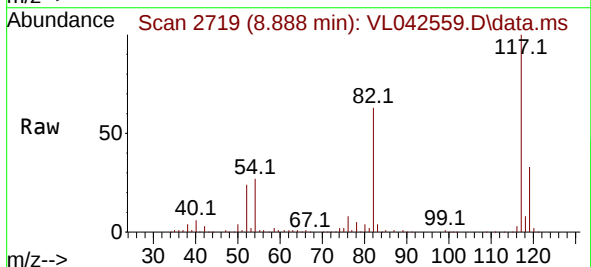
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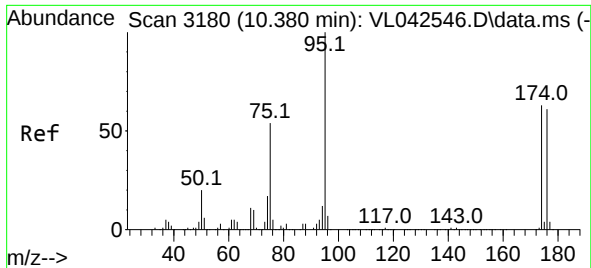
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042559.D
Acq: 21 May 2025 10:55

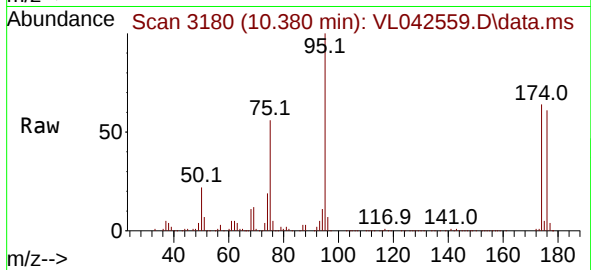
Tgt Ion:117 Resp: 320319
Ion Ratio Lower Upper
117 100
82 62.4 51.0 76.4
119 31.8 27.0 40.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.811 ppbv
 RT: 10.380 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VL042559.D
 Acq: 21 May 2025 10:55

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03



Tgt Ion: 95 Resp: 251528
 Ion Ratio Lower Upper
 95 100
 174 64.1 52.0 78.0
 175 4.5 3.8 5.6

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