

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042523.D
 Acq On : 07 May 2025 17:58
 Operator : SY/MD
 Sample : MDL3 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:42:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	74308	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	181735	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.894	117	153485	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	139161	9.779	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
						Qvalue
5) Vinyl Chloride	1.583	62	700	0.135	ppbv	93
32) 1,1,1-Trichloroethane	3.373	97	1951m	0.101	ppbv	
35) Carbon Tetrachloride	3.774	117	2097m	0.127	ppbv	
38) Trichloroethene	4.567	130	700m	0.107	ppbv	
52) Tetrachloroethene	8.234	164	648m	0.099	ppbv	
54) 1,2-Dibromoethane	7.665	107	870m	0.081	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.972	83	1881	0.127	ppbv	98

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

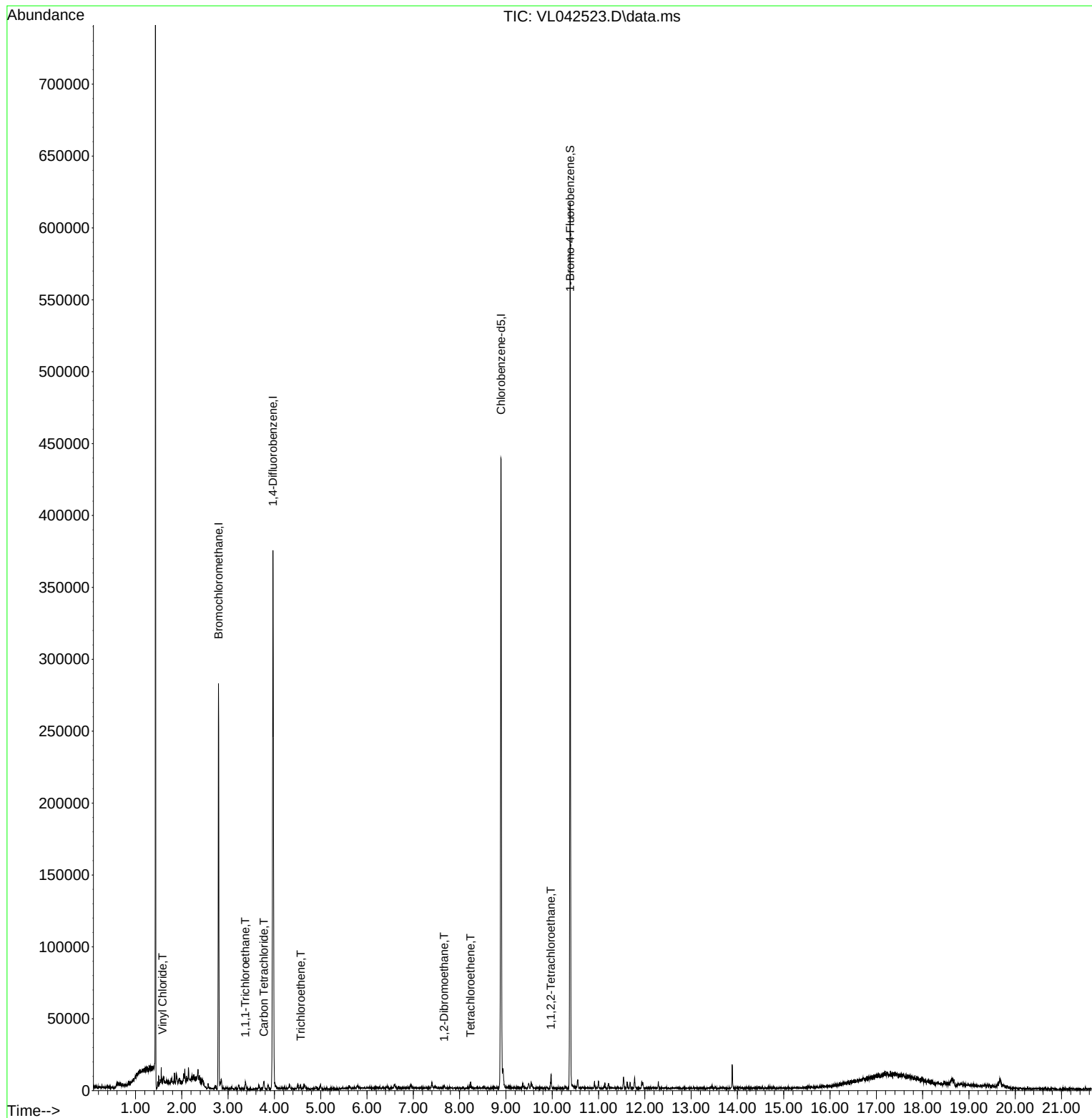
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
Data File : VL042523.D
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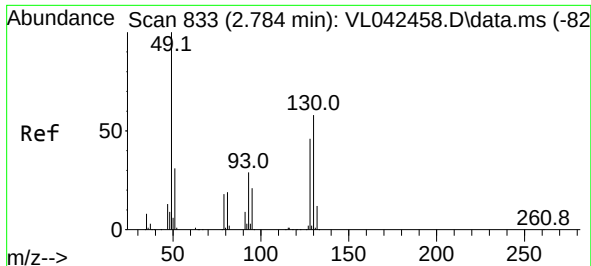
Instrument :
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ClientSampleId :
MDL3 0.1

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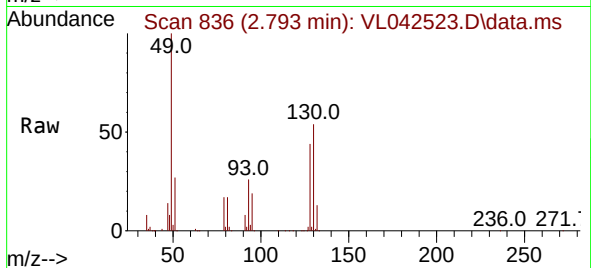
Quant Time: May 08 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

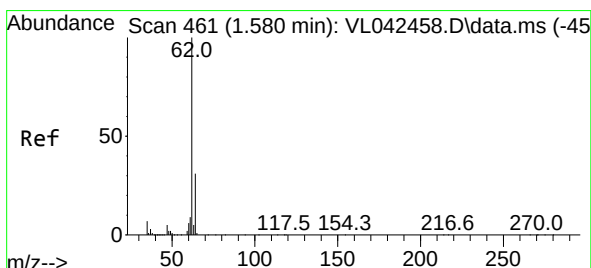
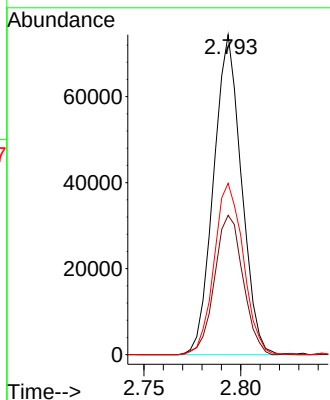
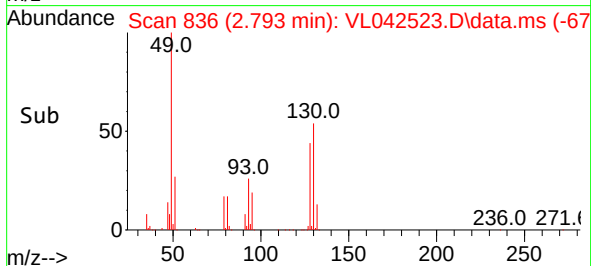
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1



Tgt Ion: 49 Resp: 74308
Ion Ratio Lower Upper
49 100
128 44.7 23.3 69.9
130 56.3 29.5 88.6

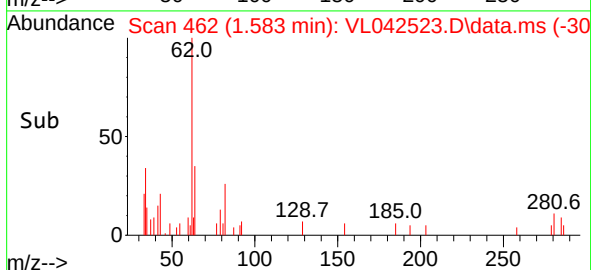
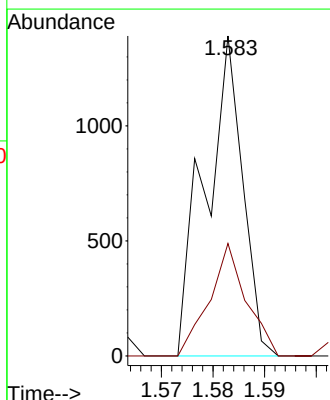
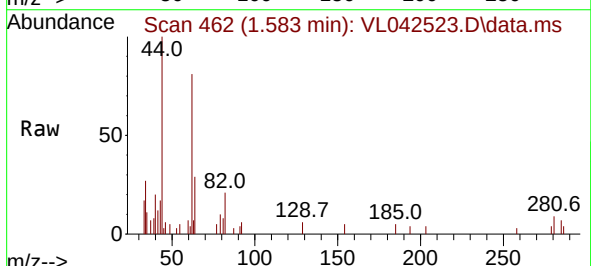
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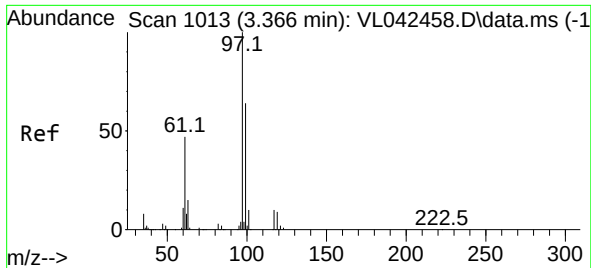
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#5
Vinyl Chloride
Concen: 0.135 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

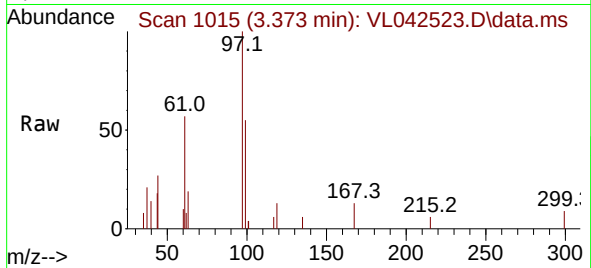
Tgt Ion: 62 Resp: 700
Ion Ratio Lower Upper
62 100
64 35.2 24.9 37.3





#32
1,1,1-Trichloroethane
Concen: 0.101 ppbv m
RT: 3.373 min Scan# 1013
Delta R.T. 0.007 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

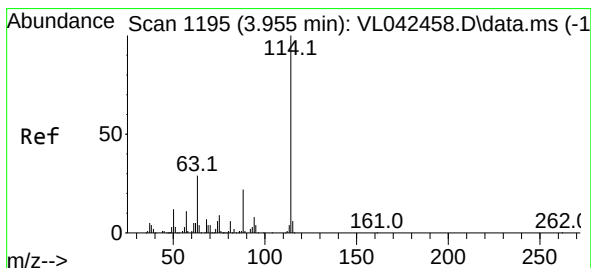
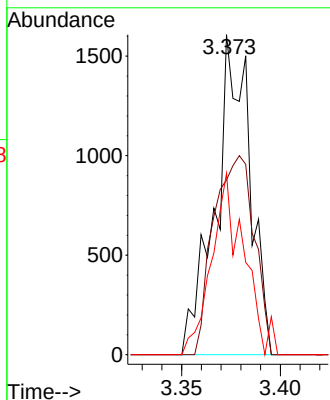
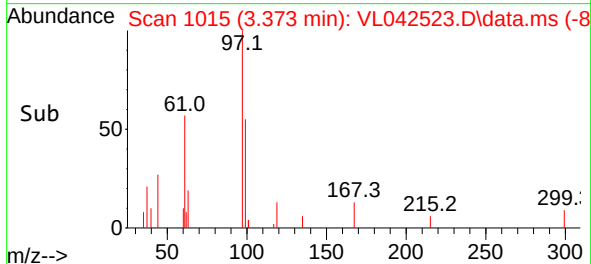
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1



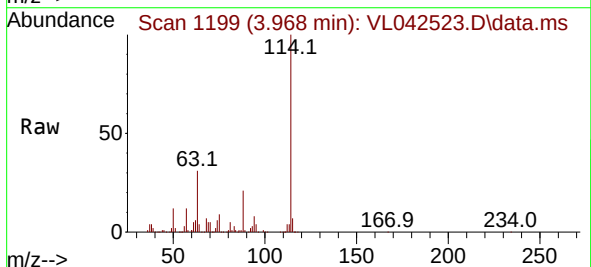
Tgt Ion: 97 Resp: 195
Ion Ratio Lower Upper
97 100
99 73.3 50.7 76.1
61 0.0 40.9 61.3

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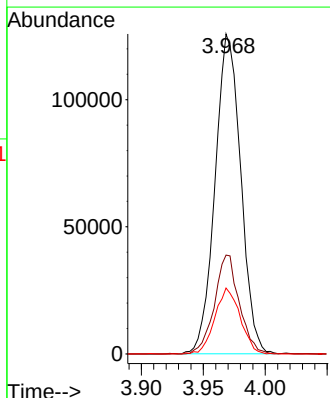
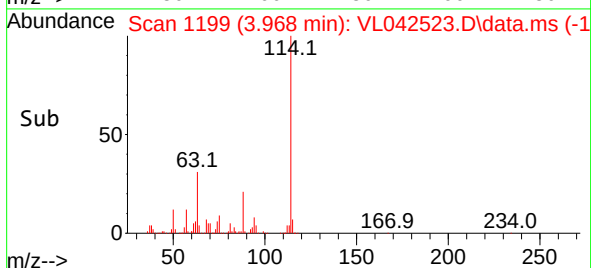
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

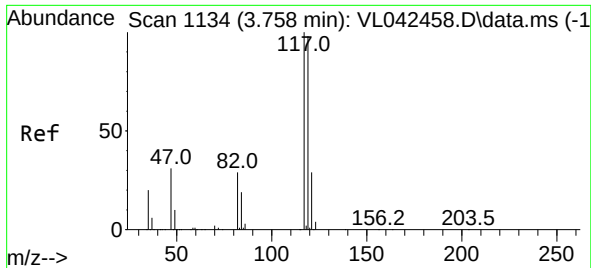


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.013 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58



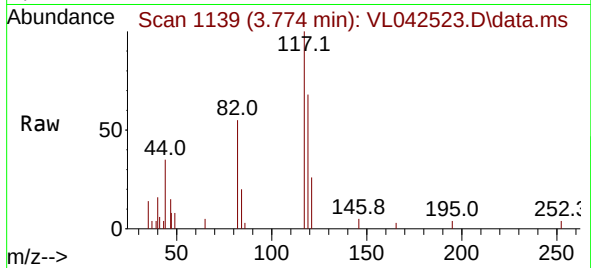
Tgt Ion:114 Resp: 181735
Ion Ratio Lower Upper
114 100
63 30.0 23.1 34.7
88 20.3 16.1 24.1





#35
Carbon Tetrachloride
Concen: 0.127 ppbv m
RT: 3.774 min Scan# 1134
Delta R.T. 0.016 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

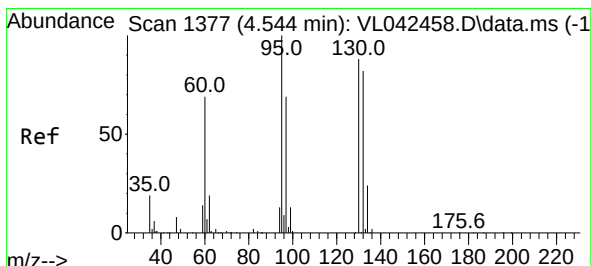
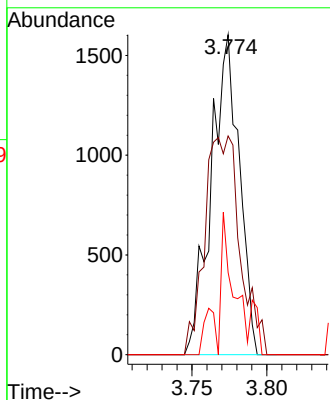
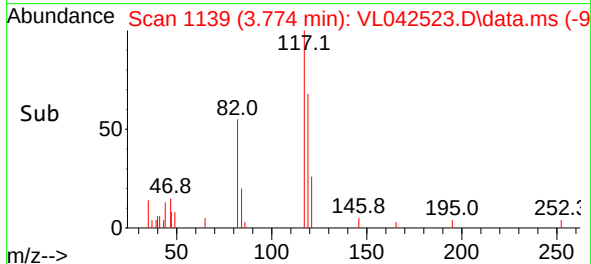
Instrument : MSVOA_L
ClientSampleId : MDL3 0.1



Tgt Ion:117 Resp: 209
Ion Ratio Lower Upper
117 100
119 68.3 78.1 117.1
121 25.7 23.0 34.6

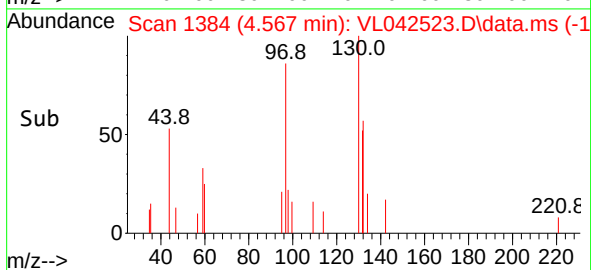
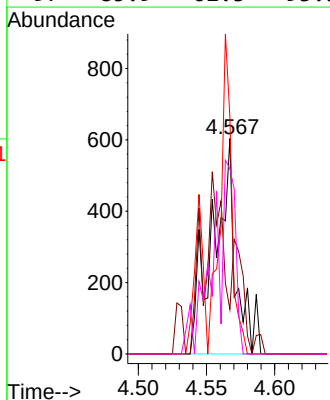
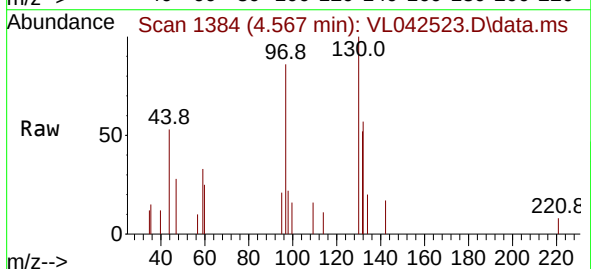
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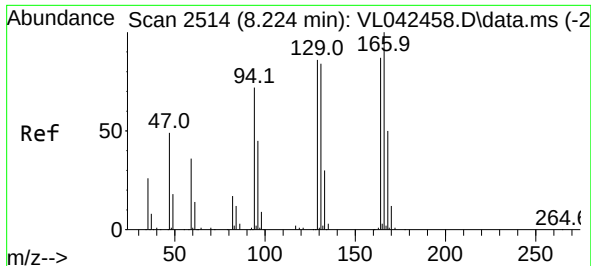
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.107 ppbv m
RT: 4.567 min Scan# 1384
Delta R.T. 0.023 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

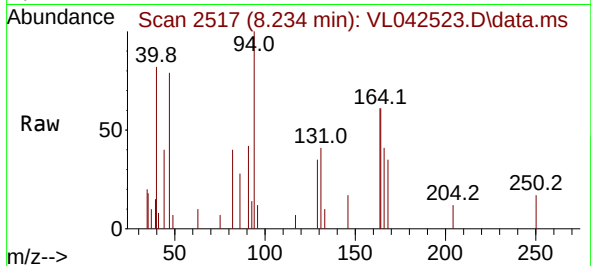
Tgt Ion:130 Resp: 700
Ion Ratio Lower Upper
130 100
95 20.7 91.0 136.4#
132 57.5 74.2 111.4#
97 85.9 62.3 93.5





#52
Tetrachloroethene
Concen: 0.099 ppbv m
RT: 8.234 min Scan# 2514
Delta R.T. 0.010 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

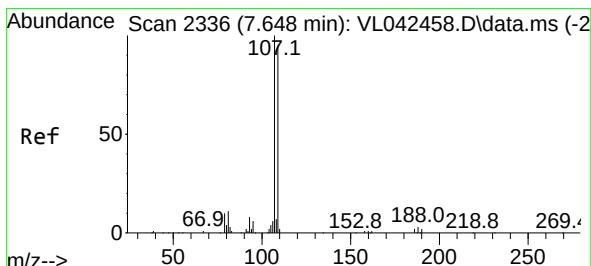
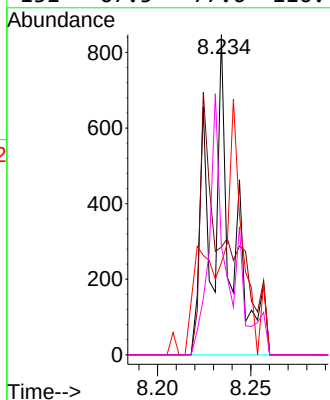
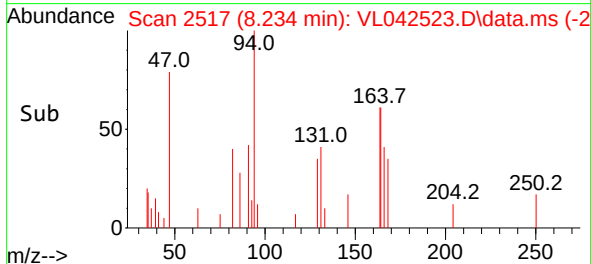
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1



Tgt Ion:164 Resp: 648
Ion Ratio Lower Upper
164 100
166 67.2 91.6 137.4
129 57.5 79.0 118.4
131 67.5 77.6 116.4

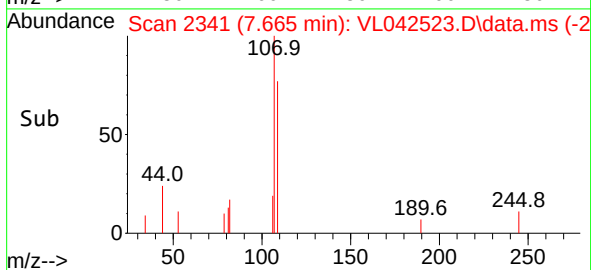
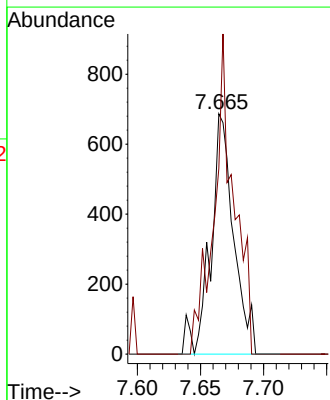
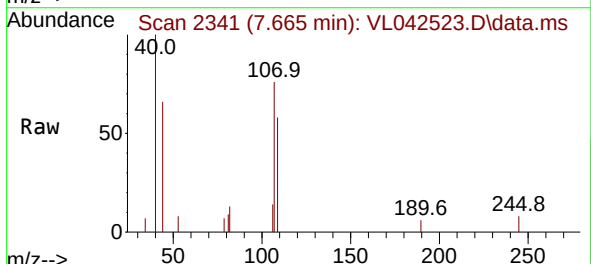
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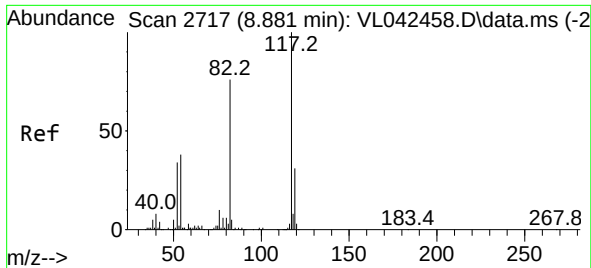
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#54
1,2-Dibromoethane
Concen: 0.081 ppbv m
RT: 7.665 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

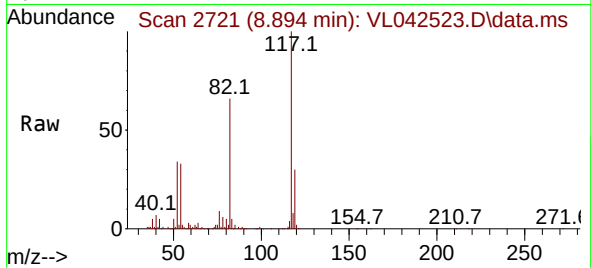
Tgt Ion:107 Resp: 870
Ion Ratio Lower Upper
107 100
109 77.3 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

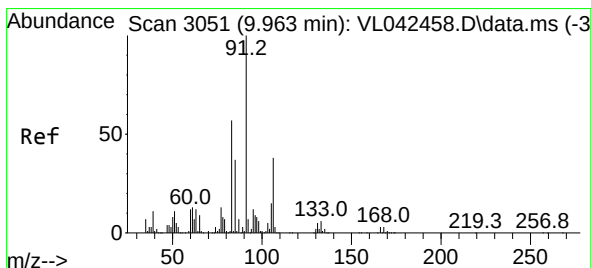
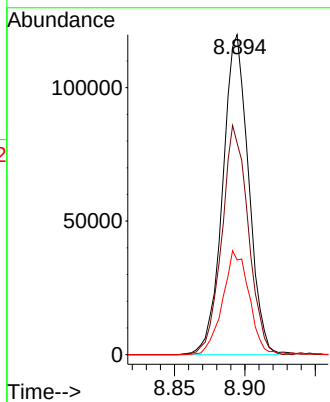
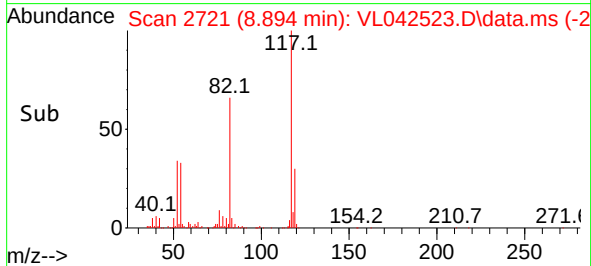
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1



Tgt Ion: 117 Resp: 15348
Ion Ratio Lower Upper
117 100
82 73.5 63.5 95.3
119 33.7 25.8 38.8

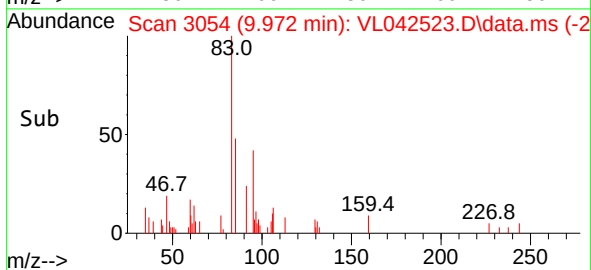
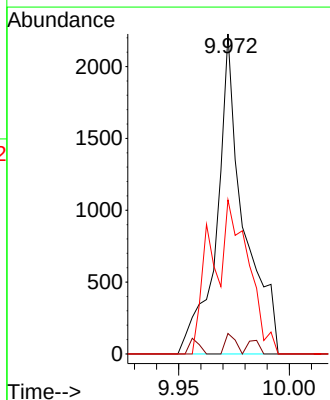
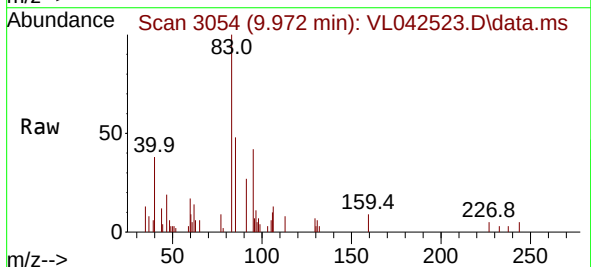
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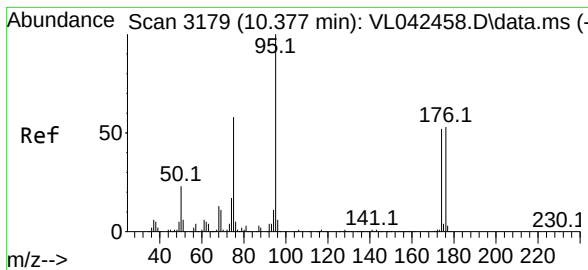
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#63
1,1,2,2-Tetrachloroethane
Concen: 0.127 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VL042523.D
Acq: 07 May 2025 17:58

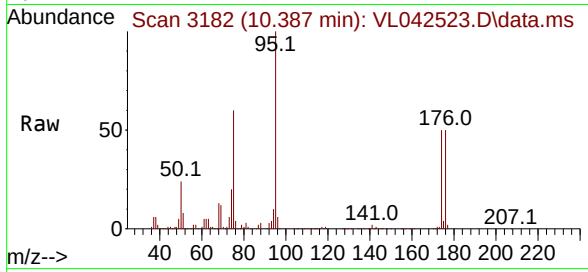
Tgt Ion: 83 Resp: 1881
Ion Ratio Lower Upper
83 100
131 6.2 4.7 14.1
85 66.1 32.5 97.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.779 ppbv
 RT: 10.387 min Scan# 3179
 Delta R.T. 0.010 min
 Lab File: VL042523.D
 Acq: 07 May 2025 17:58

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.1



Tgt Ion: 95 Resp: 13916
 Ion Ratio Lower Upper
 95 100
 174 55.3 42.7 64.1
 175 4.2 3.6 5.4

Manual Integrations
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