

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042462.D
 Acq On : 01 May 2025 11:12
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:43:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	65449	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	186907	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	157618	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	143644	9.830	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	631	0.138	ppbv #	53
32) 1,1,1-Trichloroethane	3.363	97	1860m	0.110	ppbv	
35) Carbon Tetrachloride	3.758	117	1493	0.092	ppbv #	55
38) Trichloroethene	4.551	130	784m	0.117	ppbv	
52) Tetrachloroethene	8.221	164	710m	0.106	ppbv	
54) 1,2-Dibromoethane	7.665	107	1169m	0.105	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.966	83	1490	0.104	ppbv #	75
79) Naphthalene	13.517	128	1135m	0.049	ppbv	

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

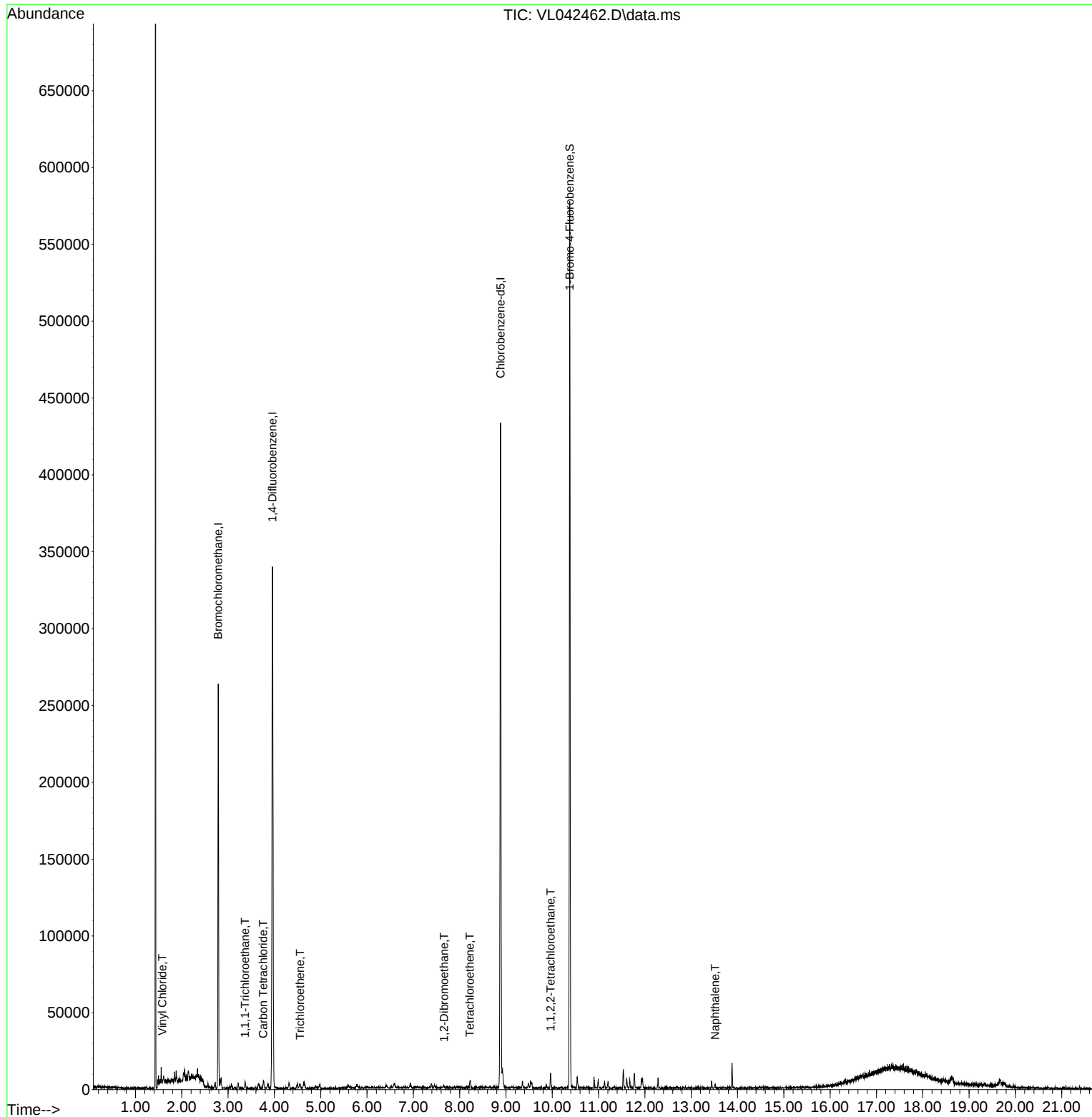
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
Data File : VL042462.D
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Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
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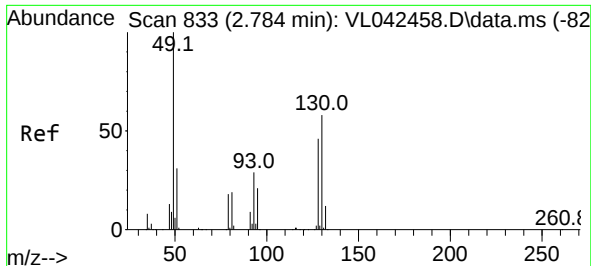
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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Quant Time: May 02 01:43:00 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 01:37:48 2025
Response via : Initial Calibration





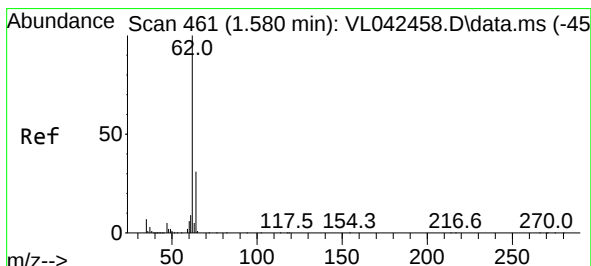
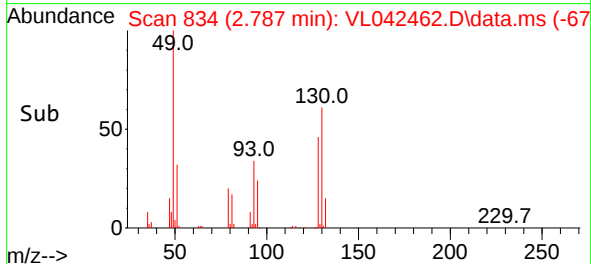
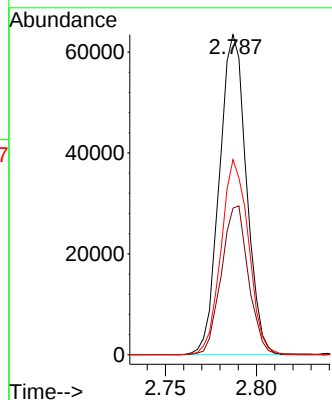
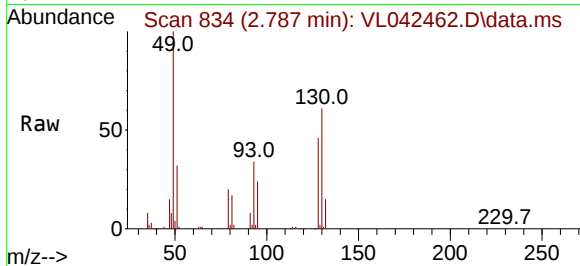
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 49 Resp: 65449
Ion Ratio Lower Upper
49 100
128 46.4 23.3 69.9
130 61.9 29.5 88.6

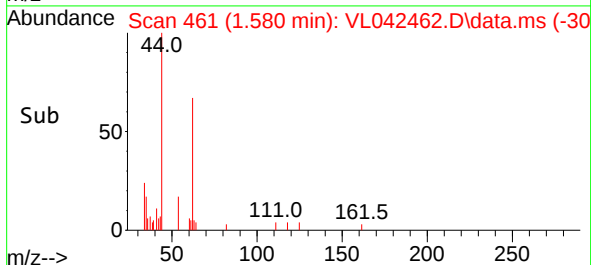
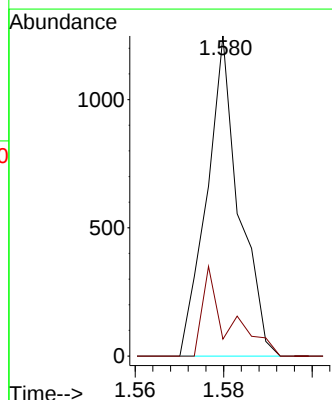
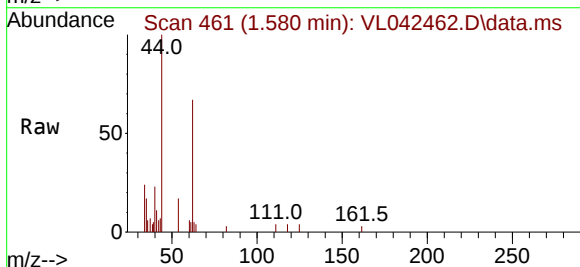
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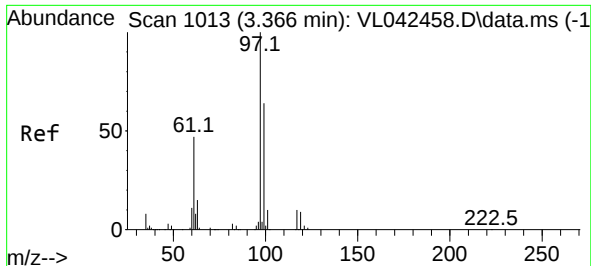
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#5
Vinyl Chloride
Concen: 0.138 ppbv
RT: 1.580 min Scan# 461
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

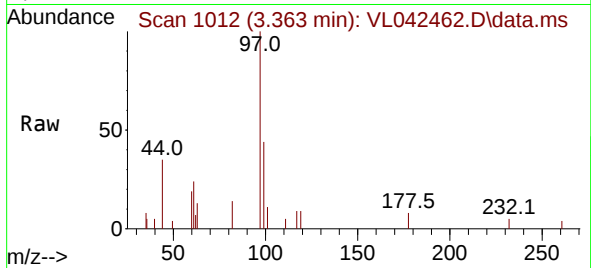
Tgt Ion: 62 Resp: 631
Ion Ratio Lower Upper
62 100
64 5.3 24.9 37.3#





#32
1,1,1-Trichloroethane
Concen: 0.110 ppbv m
RT: 3.363 min Scan# 1013
Delta R.T. -0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

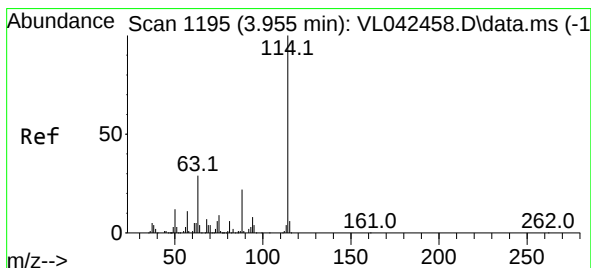
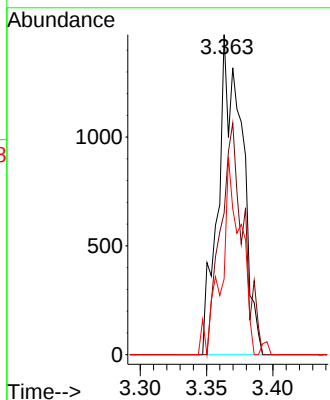
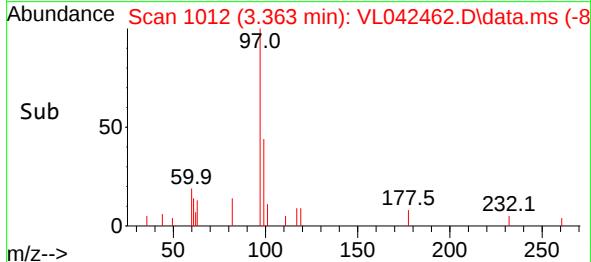
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 97 Resp: 1860
Ion Ratio Lower Upper
97 100
99 67.5 50.7 76.1
61 51.5 40.9 61.3

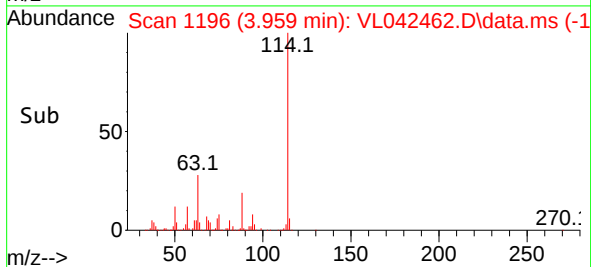
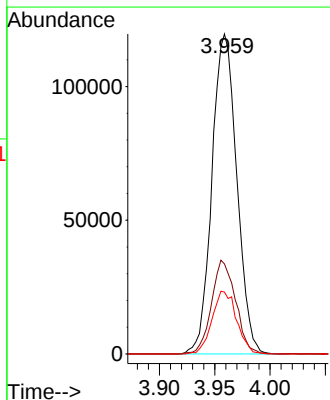
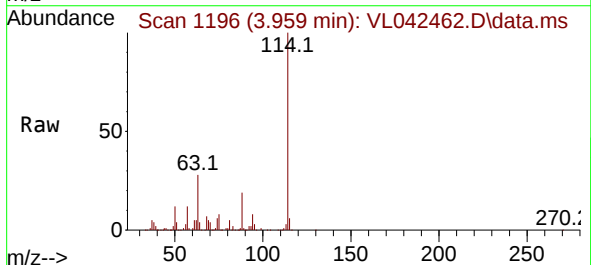
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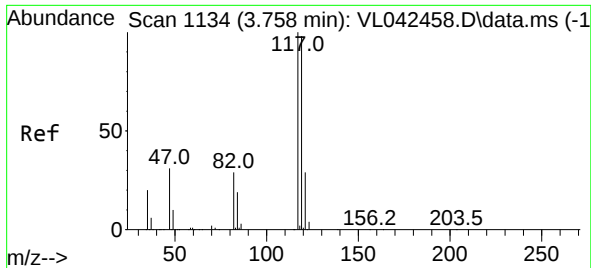
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

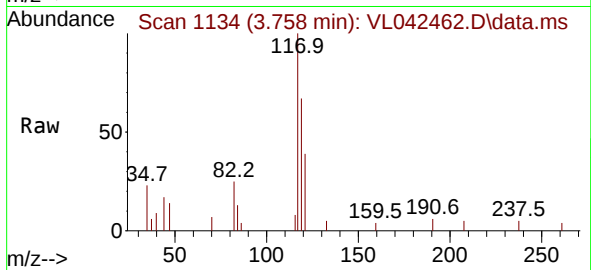
Tgt Ion:114 Resp: 186907
Ion Ratio Lower Upper
114 100
63 28.4 23.1 34.7
88 19.4 16.1 24.1





#35
Carbon Tetrachloride
Concen: 0.092 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

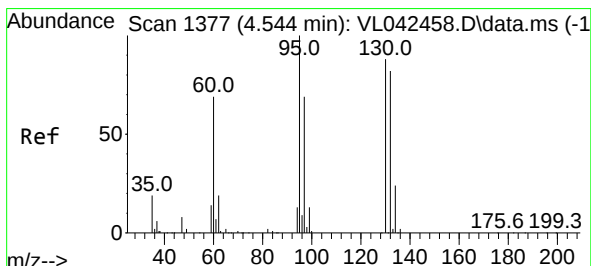
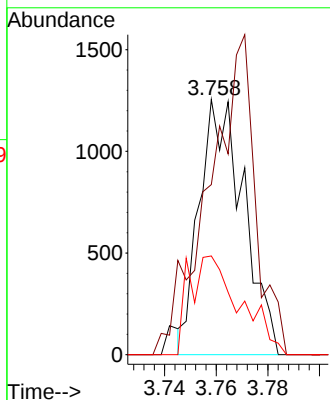
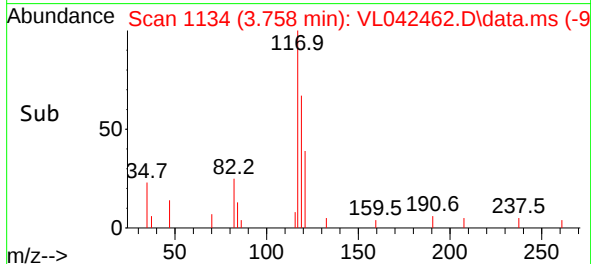
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 149
Ion Ratio Lower Upper
117 100
119 46.1 78.1 117.1#
121 38.7 23.0 34.6#

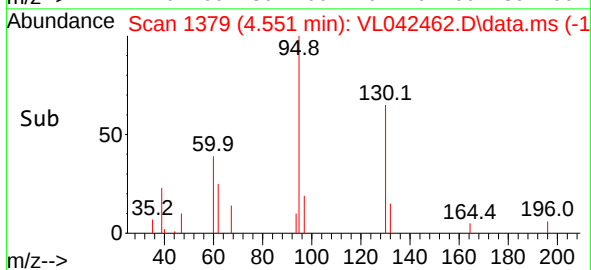
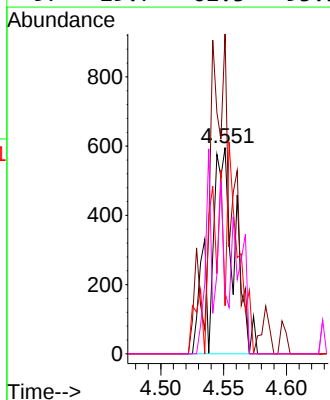
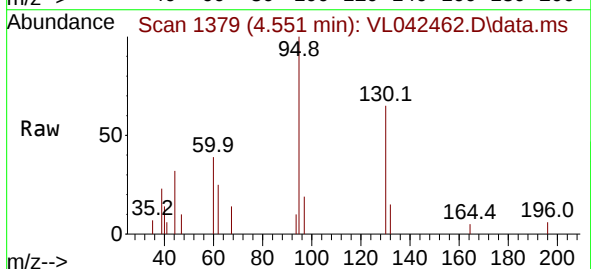
Manual Integrations
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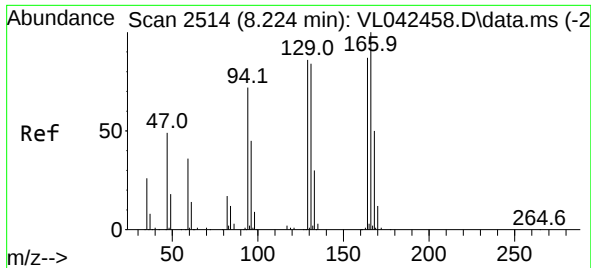
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#38
Trichloroethene
Concen: 0.117 ppbv m
RT: 4.551 min Scan# 1379
Delta R.T. 0.007 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

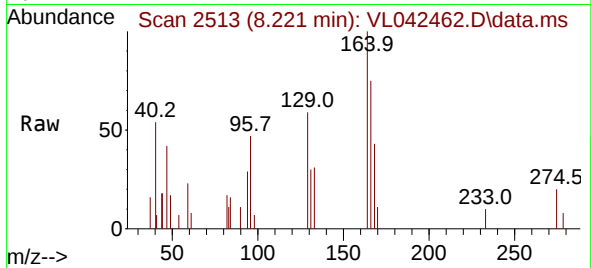
Tgt Ion:130 Resp: 784
Ion Ratio Lower Upper
130 100
95 155.0 91.0 136.4#
132 23.3 74.2 111.4#
97 29.7 62.3 93.5#





#52
Tetrachloroethene
Concen: 0.106 ppbv m
RT: 8.221 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

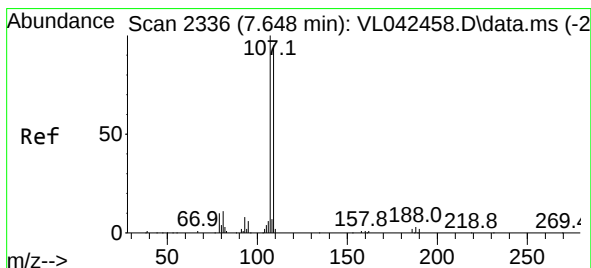
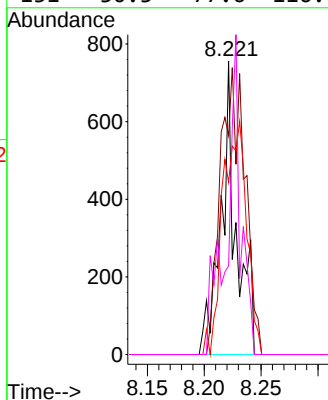
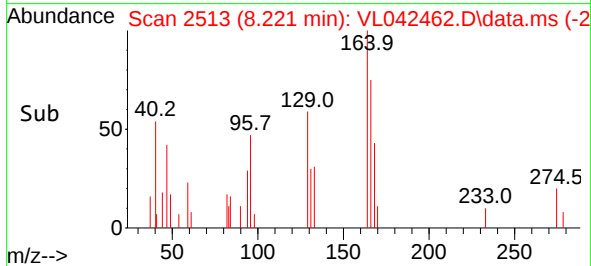
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



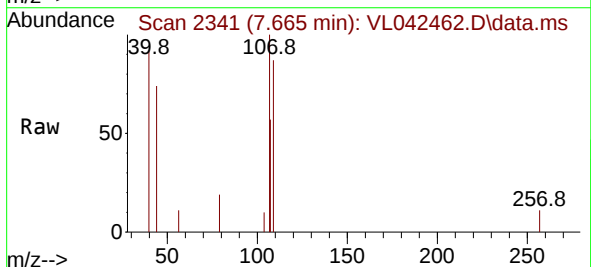
Tgt Ion:164 Resp: 710
Ion Ratio Lower Upper
164 100
166 74.6 91.6 137.4
129 58.7 79.0 118.4
131 30.3 77.6 116.4

Manual Integrations
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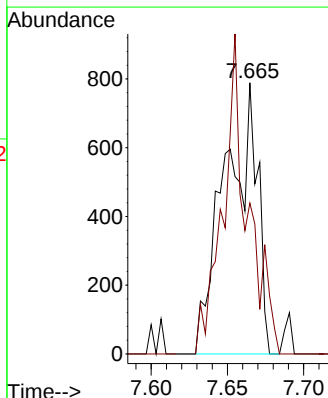
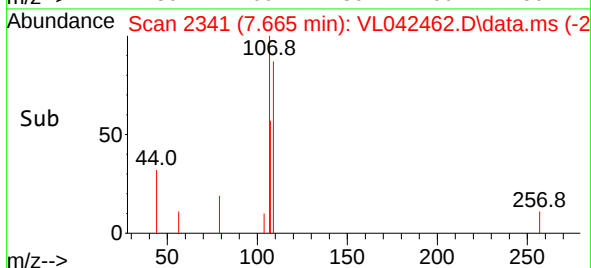
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

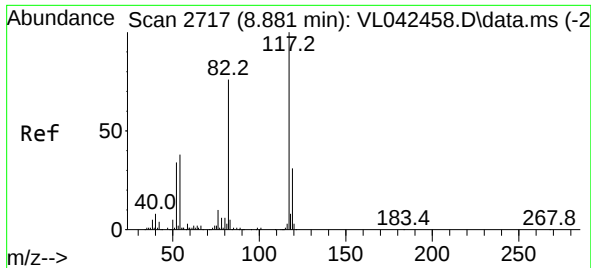


#54
1,2-Dibromoethane
Concen: 0.105 ppbv m
RT: 7.665 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12



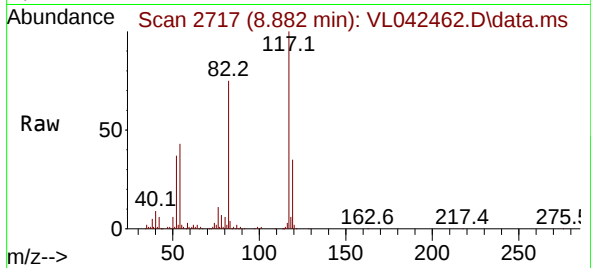
Tgt Ion:107 Resp: 1169
Ion Ratio Lower Upper
107 100
109 87.1 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

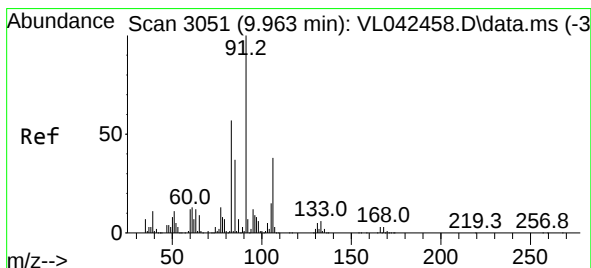
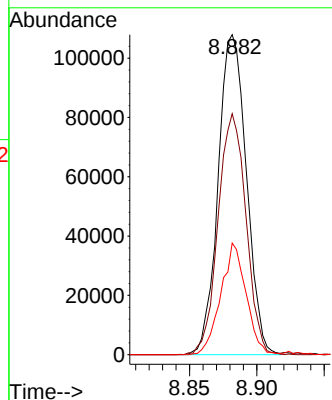
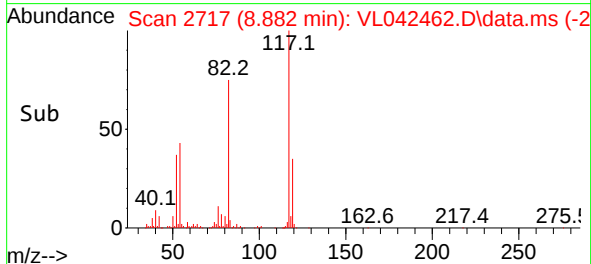
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 117 Resp: 157618
Ion Ratio Lower Upper
117 100
82 74.3 63.5 95.3
119 31.7 25.8 38.8

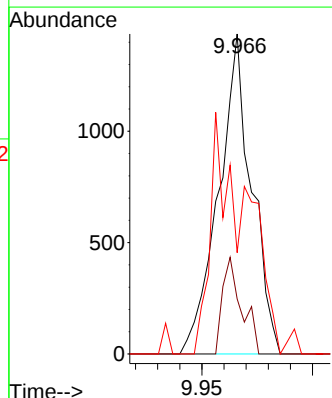
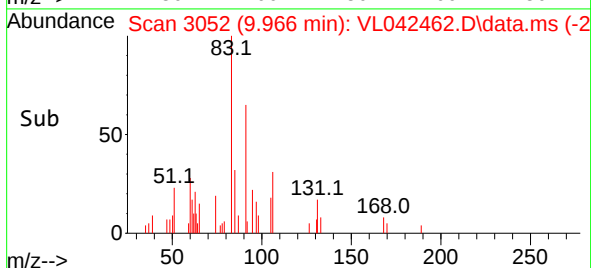
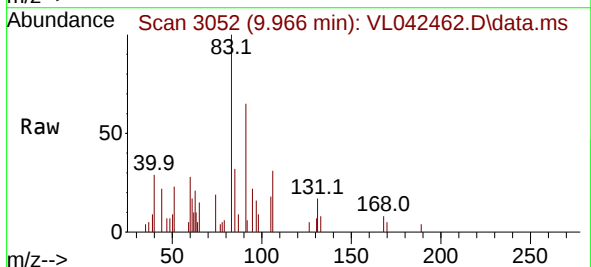
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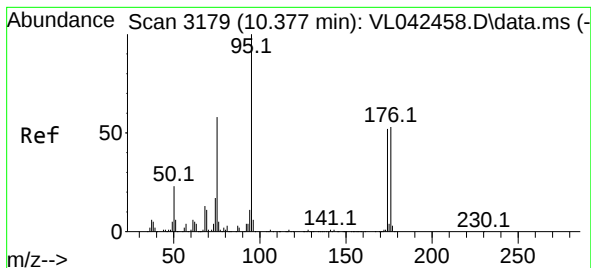
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#63
1,1,2,2-Tetrachloroethane
Concen: 0.104 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 83 Resp: 1490
Ion Ratio Lower Upper
83 100
131 17.4 4.7 14.1#
85 84.8 32.5 97.4





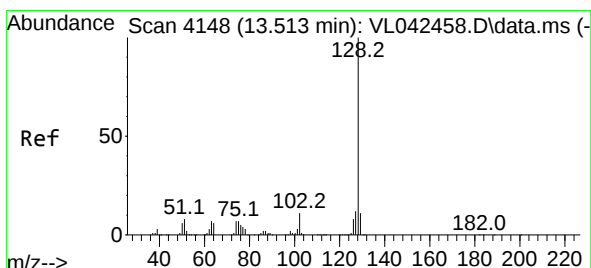
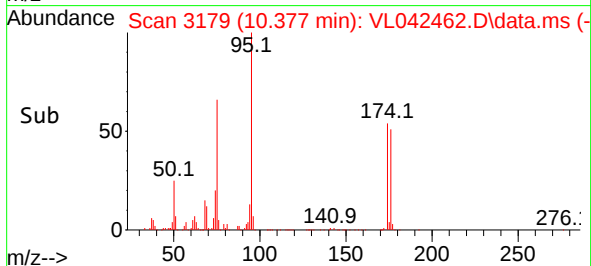
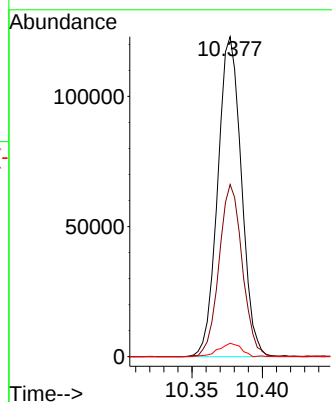
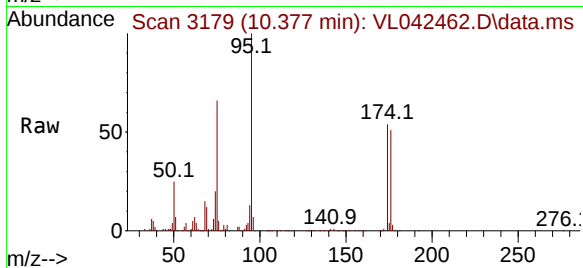
#68
1-Bromo-4-Fluorobenzene
Concen: 9.830 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 95 Resp: 143644
Ion Ratio Lower Upper
95 100
174 53.0 42.7 64.1
175 4.1 3.6 5.4

Manual Integrations
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Supervised By :Mahesh Dadoda 05/05/2025



#79
Naphthalene
Concen: 0.049 ppbv m
RT: 13.517 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion:128 Resp: 1135
Ion Ratio Lower Upper
128 100
127 8.8 9.7 14.5#
129 10.7 8.6 13.0

