

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042934.D
 Acq On : 17 Sep 2025 13:07
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 02:31:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Sep 18 02:25:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	151993	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	373216	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	318402	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	236647	9.509	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	305	0.037	ppbv	93
32) 1,1,1-Trichloroethane	3.376	97	970m	0.037	ppbv	
35) Carbon Tetrachloride	3.771	117	993m	0.037	ppbv	
38) Trichloroethene	4.551	130	563m	0.038	ppbv	
52) Tetrachloroethene	8.221	164	366m	0.036	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.963	83	927m	0.037	ppbv	

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

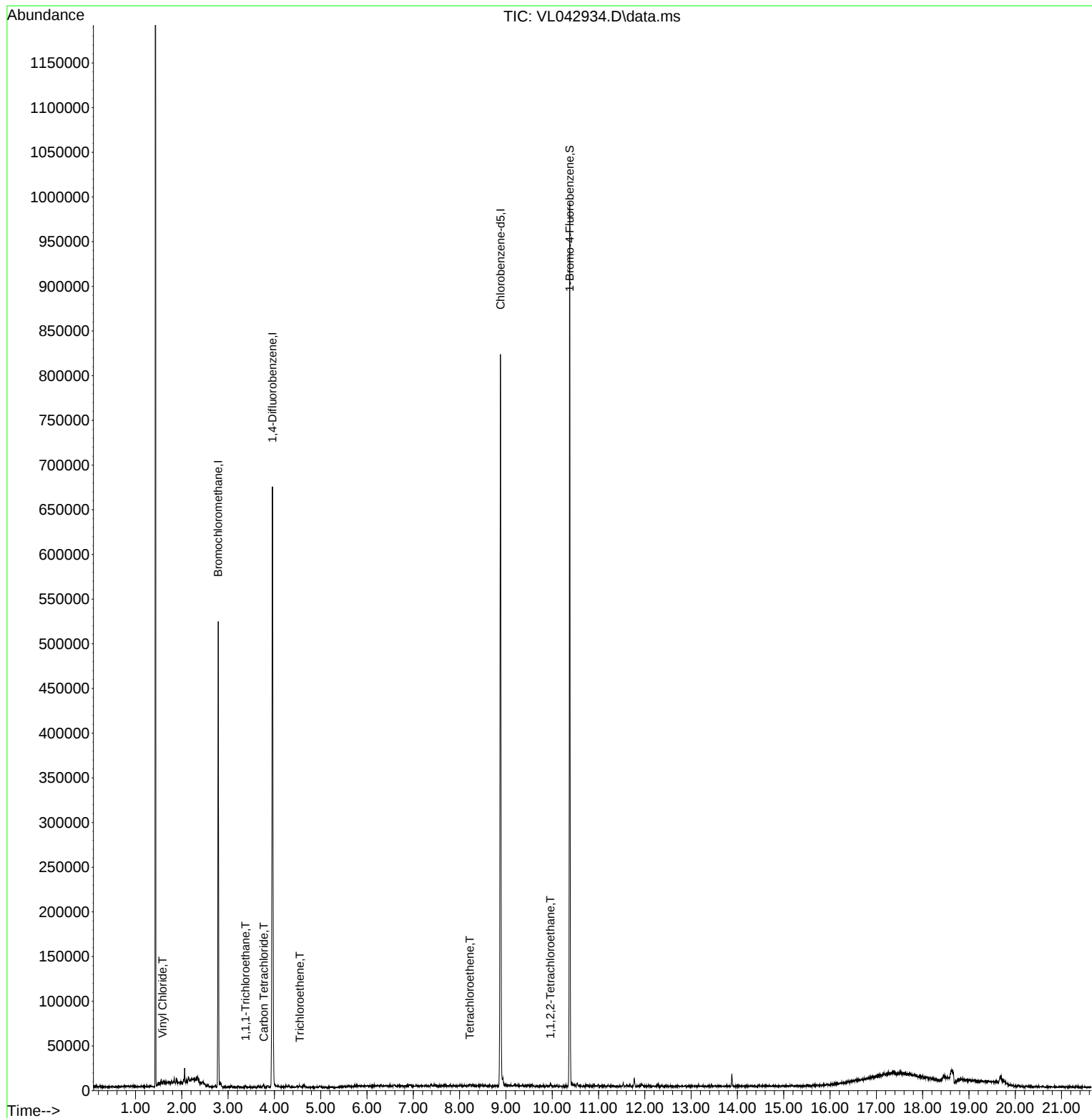
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
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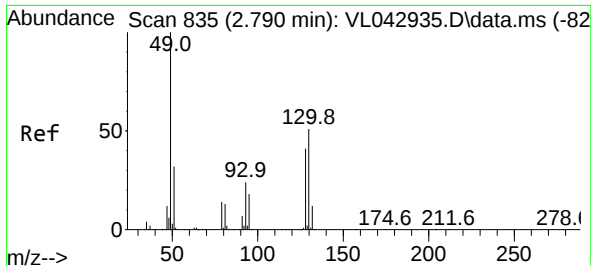
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

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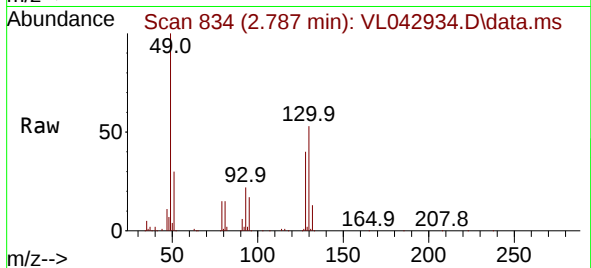
Reviewed By : Semsettin Yesilyurt 09/18/2025
Supervised By : Mahesh Dadoda 09/18/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

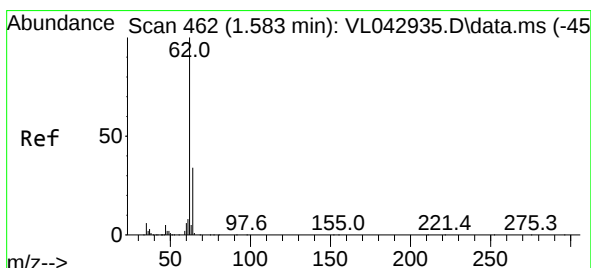
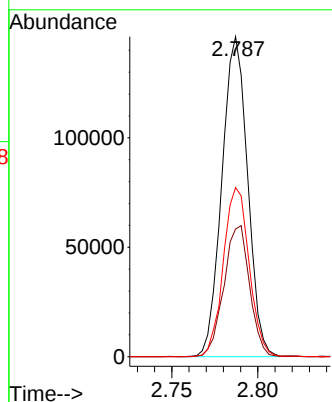
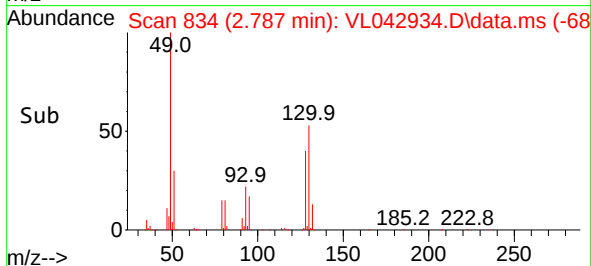
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 15199
Ion Ratio Lower Upper
49 100
128 41.0 21.1 63.4
130 53.2 26.4 79.2

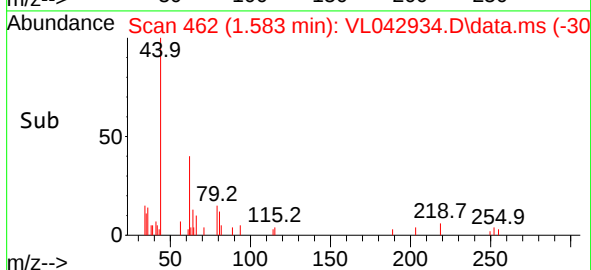
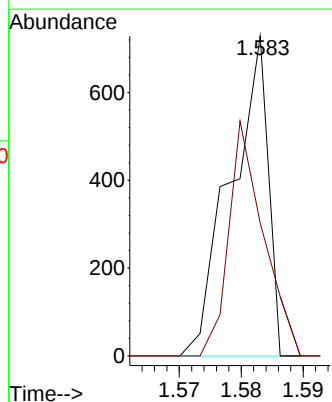
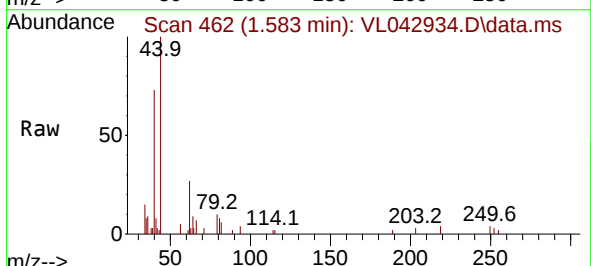
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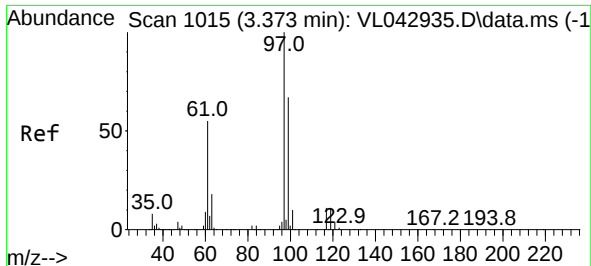
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#5
Vinyl Chloride
Concen: 0.037 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.000 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

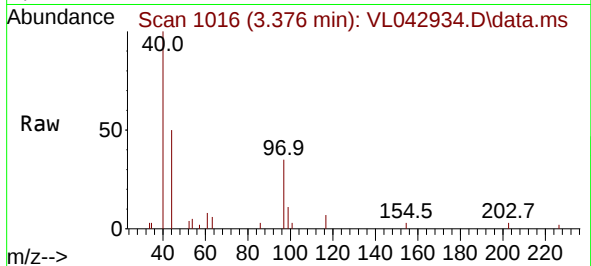
Tgt Ion: 62 Resp: 305
Ion Ratio Lower Upper
62 100
64 38.0 27.0 40.6





#32
1,1,1-Trichloroethane
Concen: 0.037 ppbv m
RT: 3.376 min Scan# 1015
Delta R.T. 0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

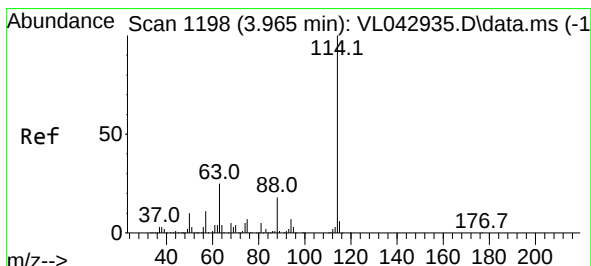
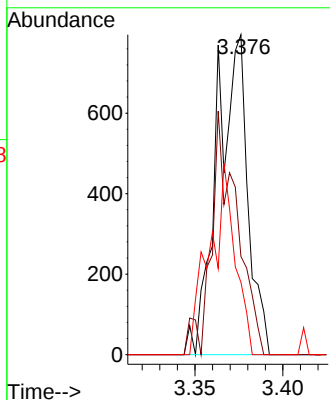
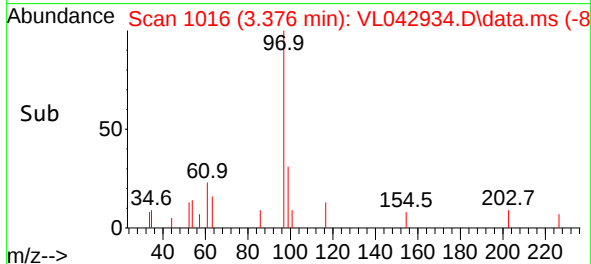
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 97 Resp: 970
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.4
61 49.4 43.2 64.8

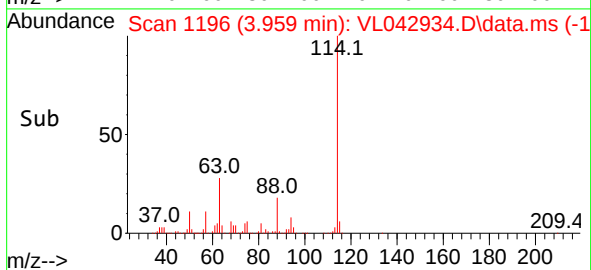
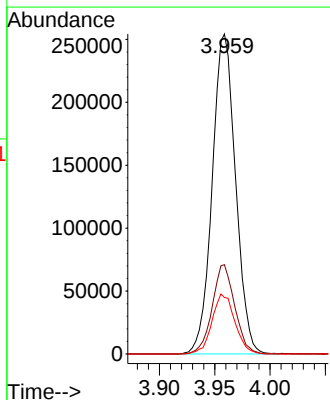
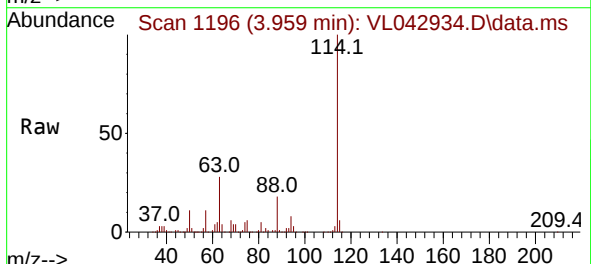
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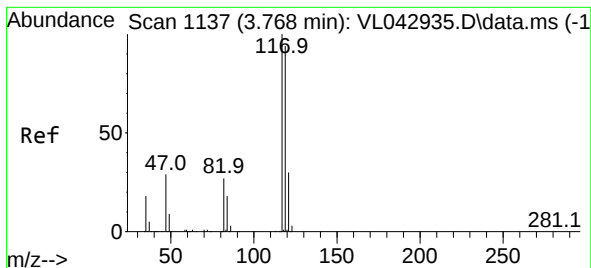
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.006 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion:114 Resp: 373216
Ion Ratio Lower Upper
114 100
63 26.9 21.1 31.7
88 18.3 14.6 22.0





#35

Carbon Tetrachloride

Concen: 0.037 ppbv m

RT: 3.771 min Scan# 1137

Delta R.T. 0.003 min

Lab File: VL042934.D

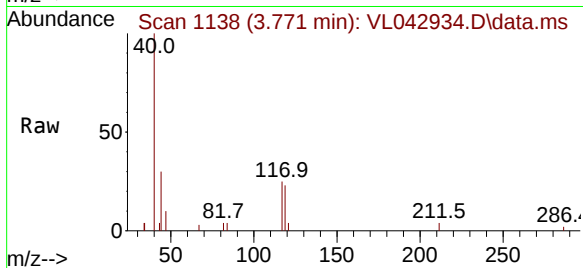
Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

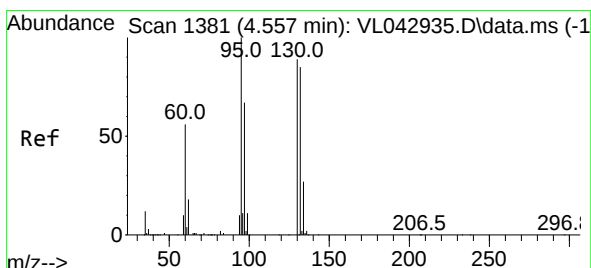
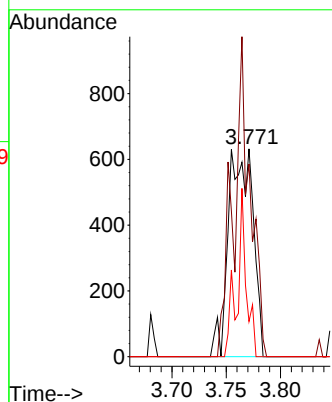


Tgt Ion:	117	Resp:	99
Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.9	112.3
121	16.9	24.0	36.0

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Supervised By :Mahesh Dadoda 09/18/2025



#38

Trichloroethene

Concen: 0.038 ppbv m

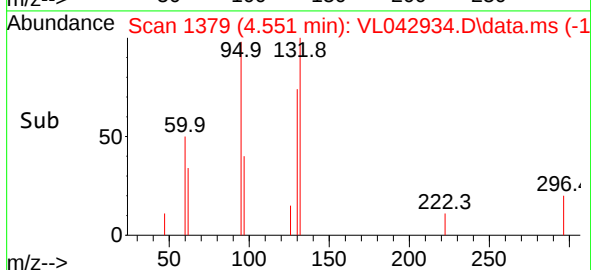
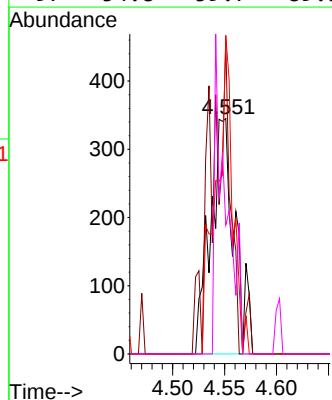
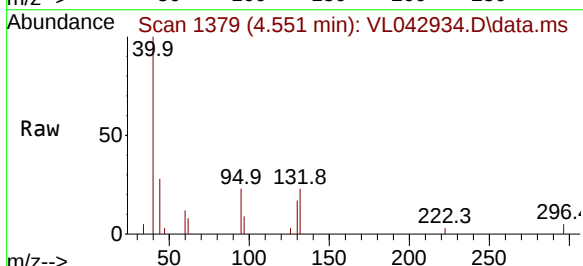
RT: 4.551 min Scan# 1379

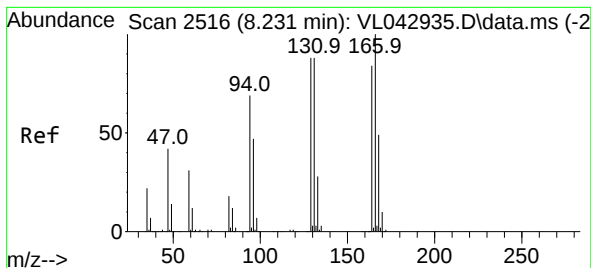
Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Tgt Ion:	130	Resp:	563
Ion	Ratio	Lower	Upper
130	100		
95	132.8	89.8	134.6
132	135.4	76.3	114.5#
97	54.8	59.7	89.5#





#52

Tetrachloroethene

Concen: 0.036 ppbv m

RT: 8.221 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL042934.D

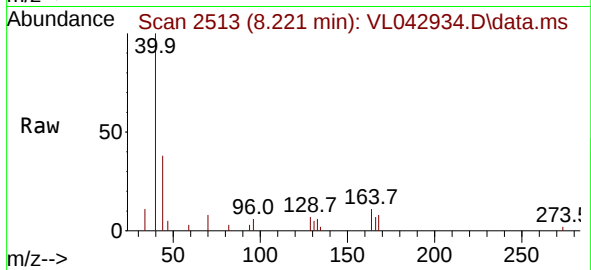
Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03



Tgt Ion:164 Resp: 360

Ion Ratio Lower Upper

164 100

166 65.6 95.4 143.0

129 60.5 84.0 126.0

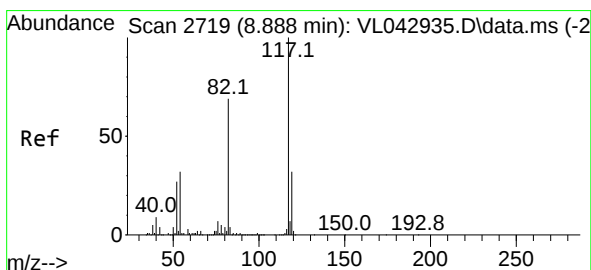
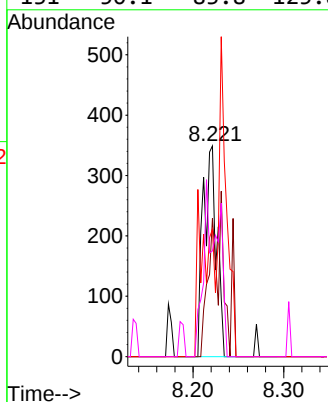
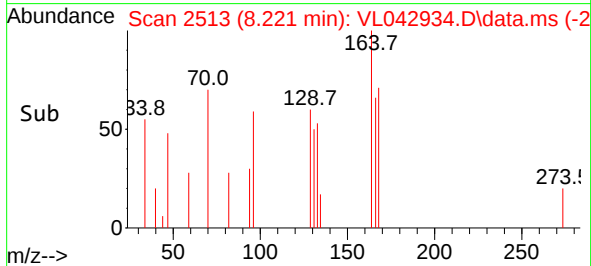
131 50.1 83.8 125.8

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Supervised By :Mahesh Dadoda 09/18/2025



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2717

Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

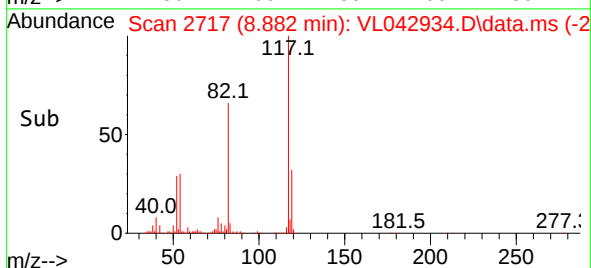
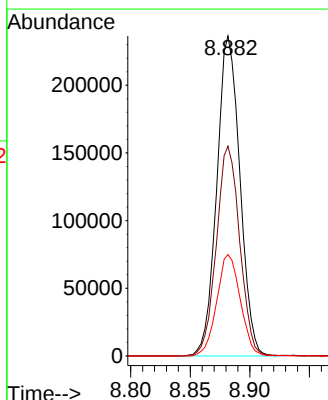
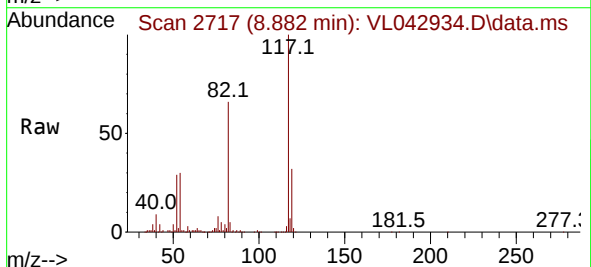
Tgt Ion:117 Resp: 318402

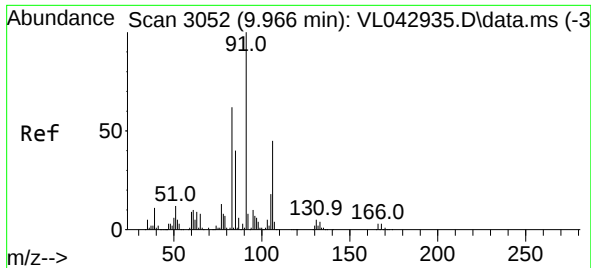
Ion Ratio Lower Upper

117 100

82 66.3 56.1 84.1

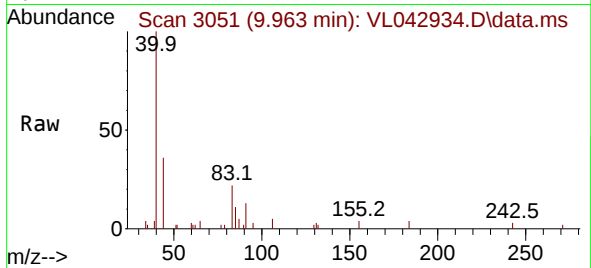
119 32.4 25.8 38.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 9.963 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

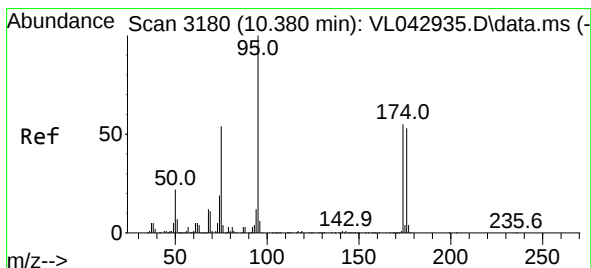
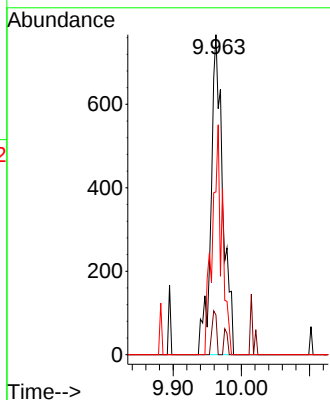
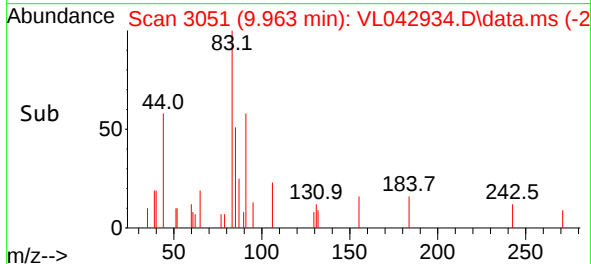
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



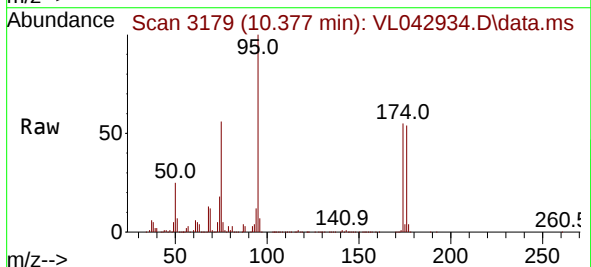
Tgt Ion: 83 Resp: 92
Ion Ratio Lower Upper
83 100
131 7.7 4.2 12.6
85 59.4 32.6 98.0

Manual Integrations
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Supervised By :Mahesh Dadoda 09/18/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.509 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07



Tgt Ion: 95 Resp: 236647
Ion Ratio Lower Upper
95 100
174 55.5 44.9 67.3
175 4.2 3.3 4.9

