

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041894.D
 Acq On : 14 Jan 2025 15:32
 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 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 14 21:21:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 16:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	141659	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	424686	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	367402	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	287792	9.945	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.586	62	214m	0.029	ppbv	
32) 1,1,1-Trichloroethane	3.379	97	823	0.030	ppbv	85
35) Carbon Tetrachloride	3.774	117	771	0.029	ppbv #	56
38) Trichloroethene	4.557	130	364m	0.024	ppbv	
52) Tetrachloroethene	8.250	164	408m	0.030	ppbv	

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

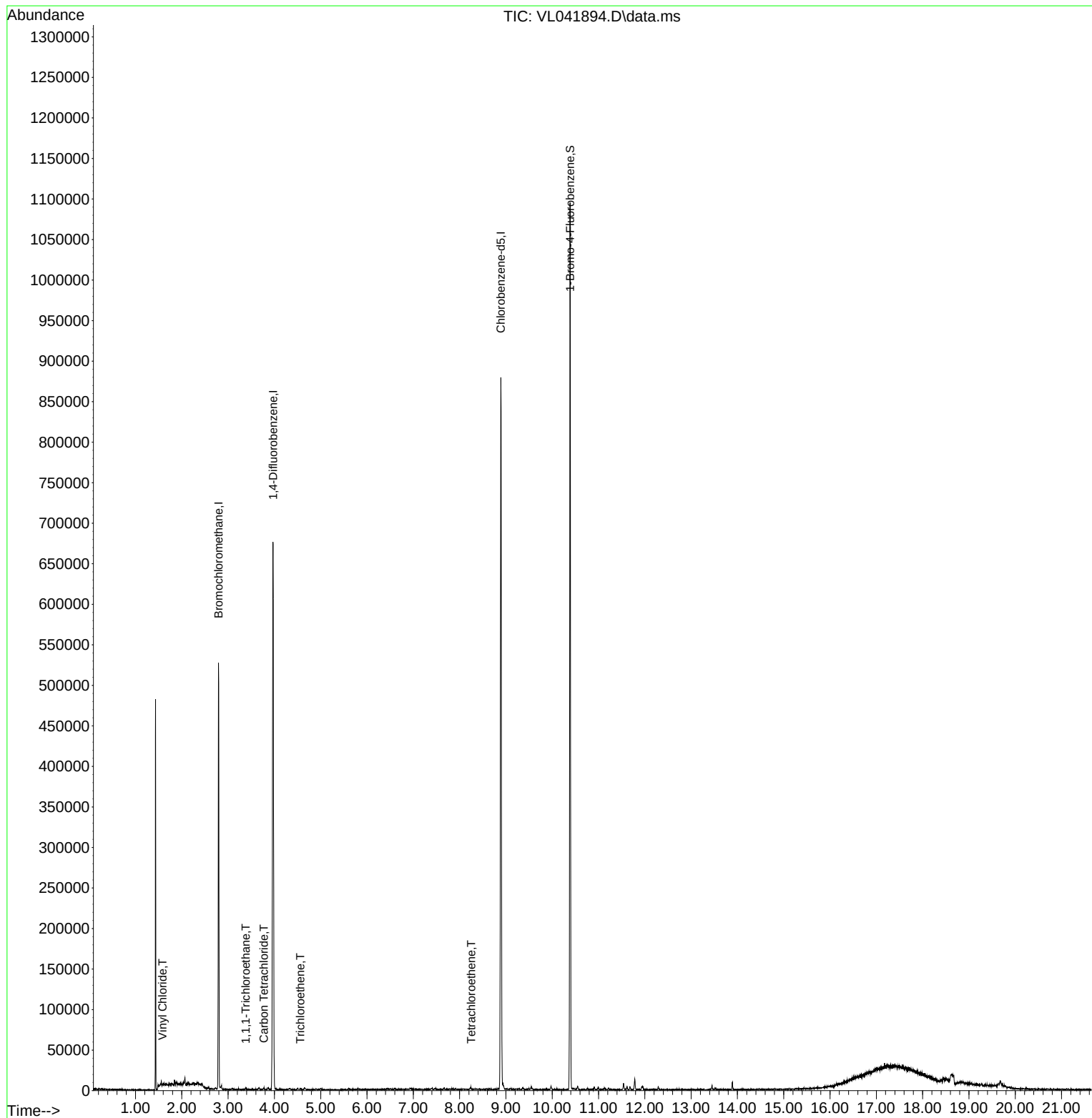
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
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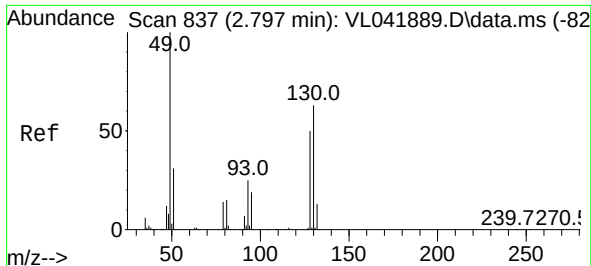
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jan 14 21:21:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
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Response via : Initial Calibration

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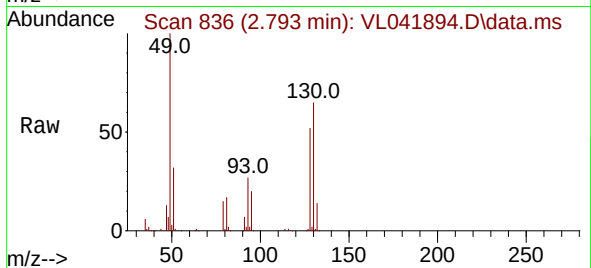
Reviewed By : Semsettin Yesilyurt 01/15/2025
Supervised By : Mahesh Dadoda 01/15/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 837
Delta R.T. -0.004 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32

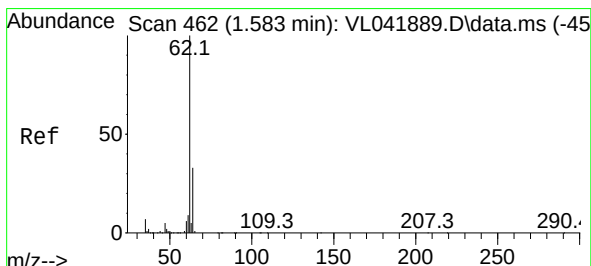
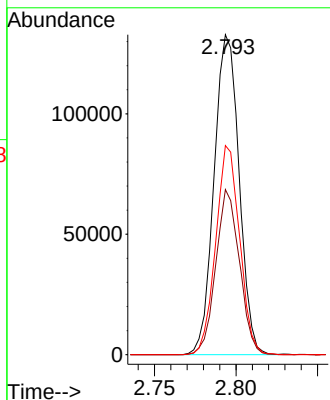
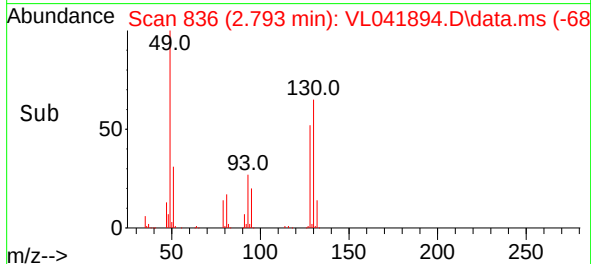
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 141659
Ion Ratio Lower Upper
49 100
128 48.9 24.3 73.0
130 62.4 31.1 93.2

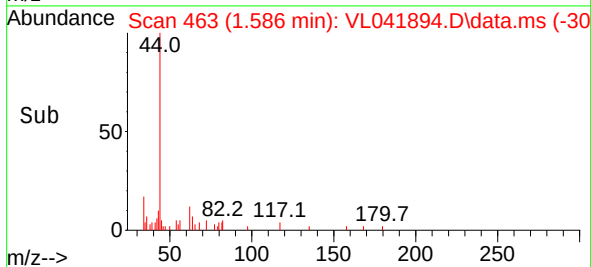
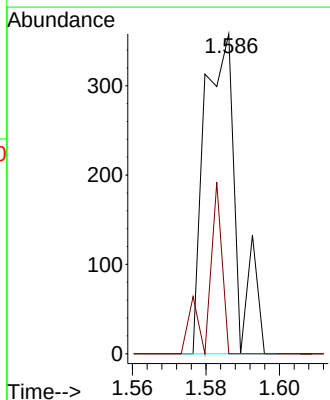
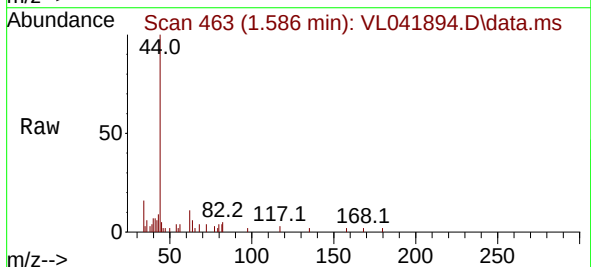
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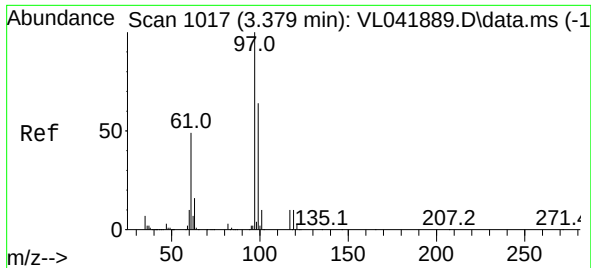
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#5
Vinyl Chloride
Concen: 0.029 ppbv m
RT: 1.586 min Scan# 463
Delta R.T. 0.003 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32

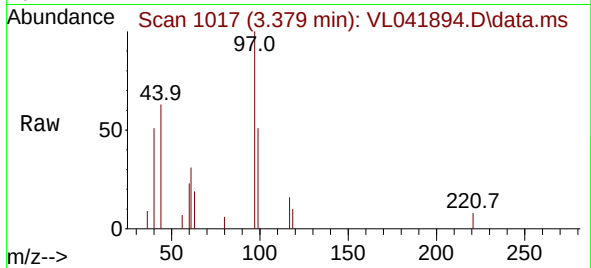
Tgt Ion: 62 Resp: 214
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#32
1,1,1-Trichloroethane
Concen: 0.030 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

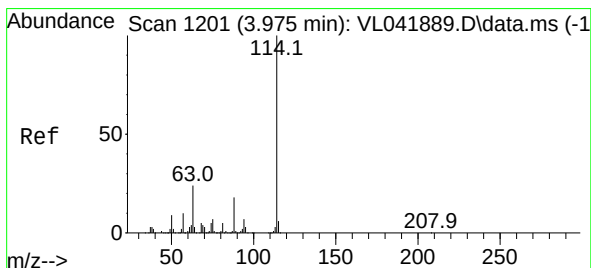
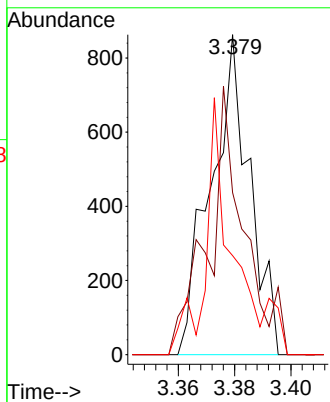
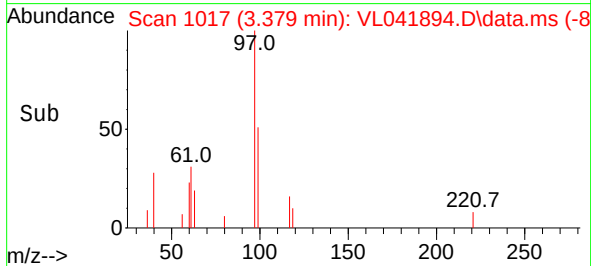


Tgt Ion: 97 Resp: 823

Ion	Ratio	Lower	Upper
97	100		
99	76.7	51.1	76.7
61	58.0	39.0	58.6

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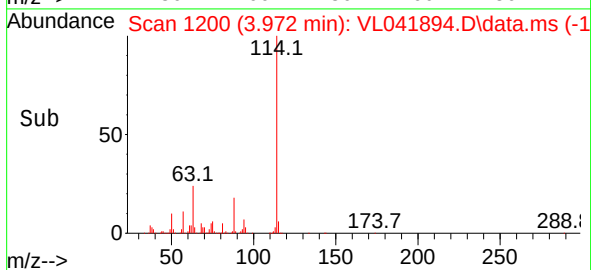
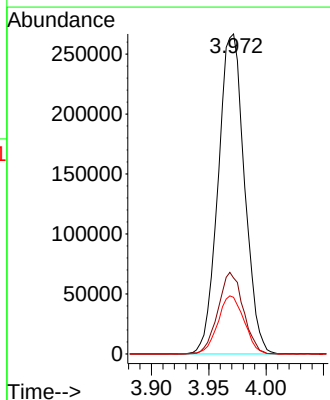
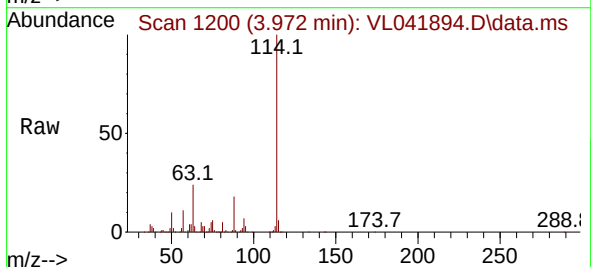
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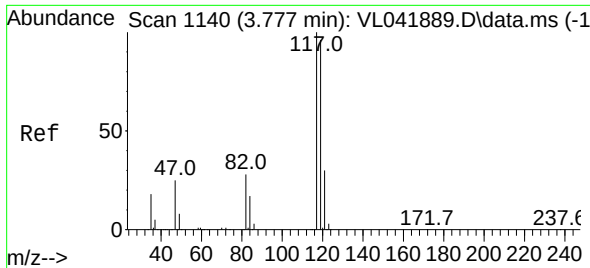


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. -0.003 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32

Tgt Ion:114 Resp: 424686

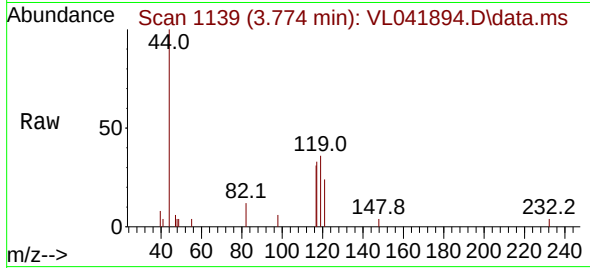
Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.8	29.6
88	18.1	14.4	21.6





#35
Carbon Tetrachloride
Concen: 0.029 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32

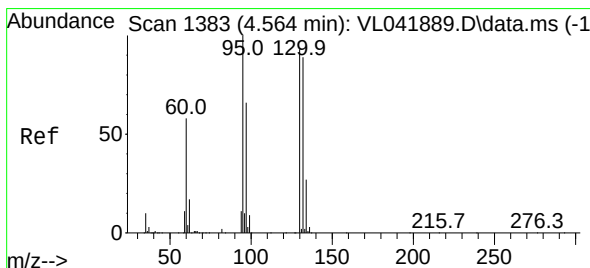
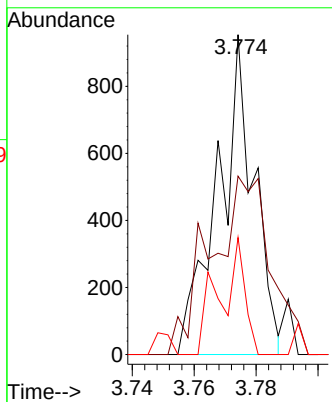
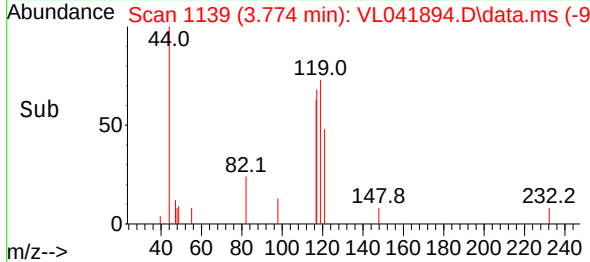
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:117 Resp: 77
Ion Ratio Lower Upper
117 100
119 43.9 76.9 115.3#
121 36.6 23.8 35.6#

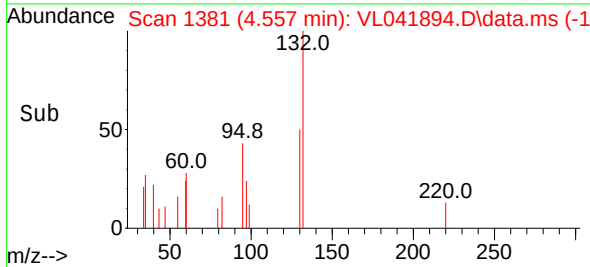
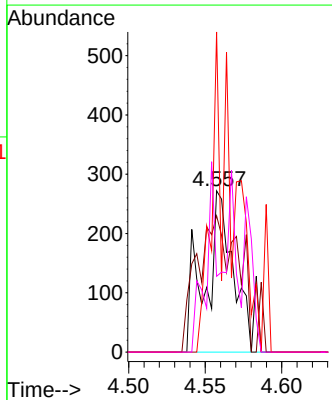
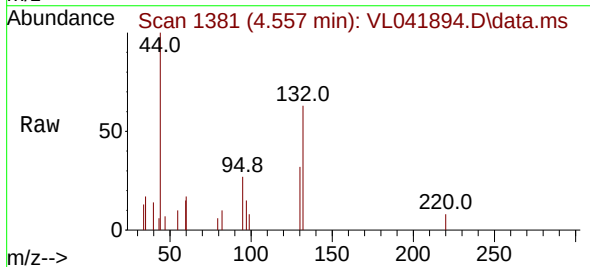
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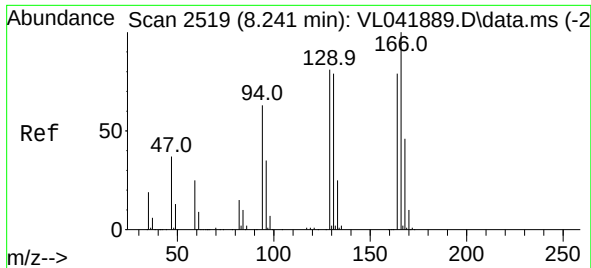
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Trichloroethene
Concen: 0.024 ppbv m
RT: 4.557 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32

Tgt Ion:130 Resp: 364
Ion Ratio Lower Upper
130 100
95 84.6 85.8 128.8#
132 198.5 76.5 114.7#
97 47.1 56.8 85.2#





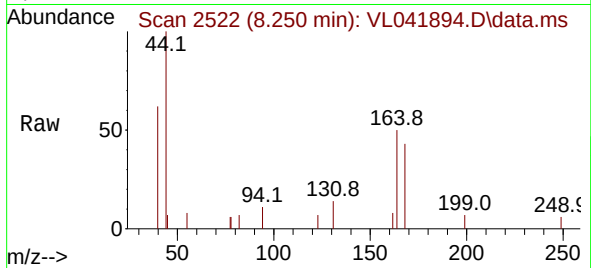
#52
Tetrachloroethene
Concen: 0.030 ppbv m
RT: 8.250 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

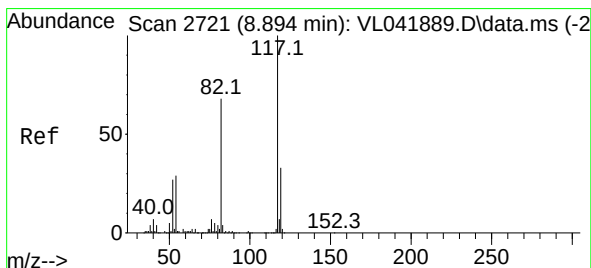
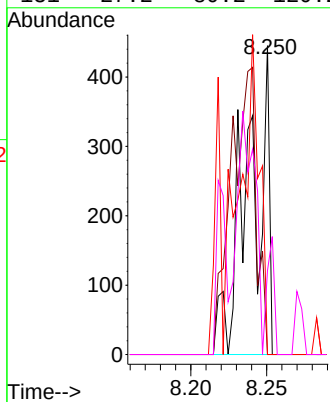
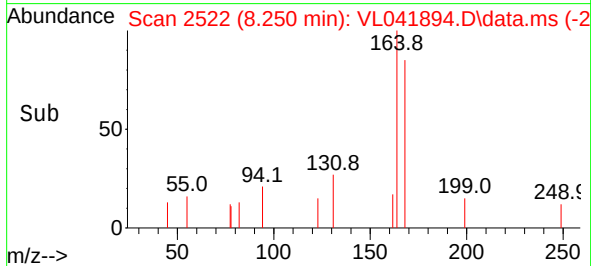


Tgt Ion:164 Resp: 400000
Ion Ratio Lower Upper
164 100
166 0.0 100.8 151.2
129 0.0 82.0 123.0
131 27.2 80.2 120.2

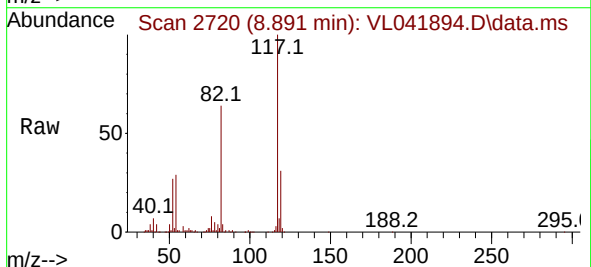
Manual Integrations

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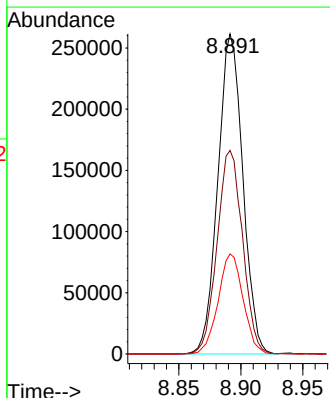
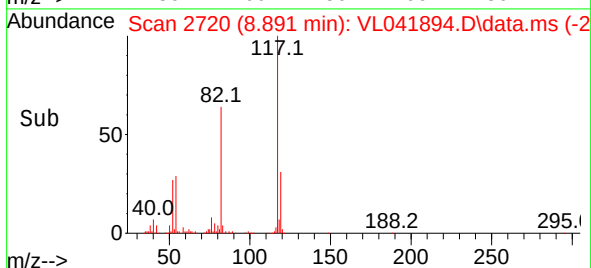
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Supervised By :Mahesh Dadoda 01/15/2025

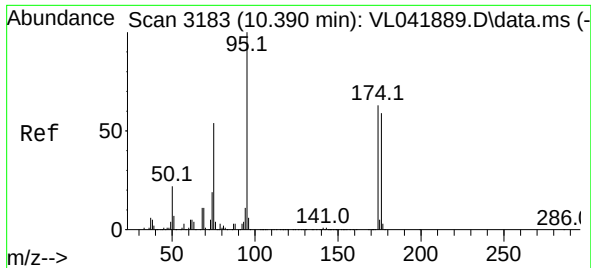


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. -0.003 min
Lab File: VL041894.D
Acq: 14 Jan 2025 15:32



Tgt Ion:117 Resp: 367402
Ion Ratio Lower Upper
117 100
82 64.8 54.2 81.4
119 31.4 25.0 37.6





#68

1-Bromo-4-Fluorobenzene

Concen: 9.945 ppbv

RT: 10.387 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041894.D

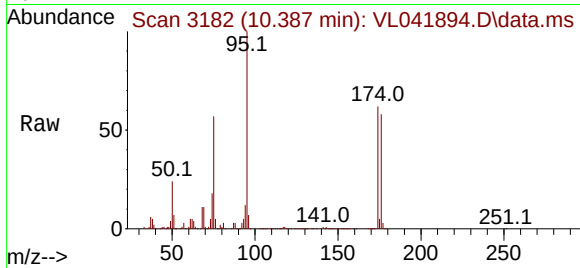
Acq: 14 Jan 2025 15:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion: 95 Resp: 287792

Ion Ratio Lower Upper

95 100

174 60.9 49.0 73.4

175 4.4 3.8 5.8

Manual Integrations

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