

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041883.D
 Acq On : 10 Jan 2025 00:17
 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 :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 03:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	118776	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	347958	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	307447	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	251243	10.191	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.586	62	297	0.037	ppbv	89
32) 1,1,1-Trichloroethane	3.382	97	1044m	0.037	ppbv	
35) Carbon Tetrachloride	3.777	117	960m	0.036	ppbv	
38) Trichloroethene	4.573	130	757m	0.047	ppbv	
52) Tetrachloroethene	8.241	164	576m	0.037	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.969	83	1348m	0.045	ppbv	

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

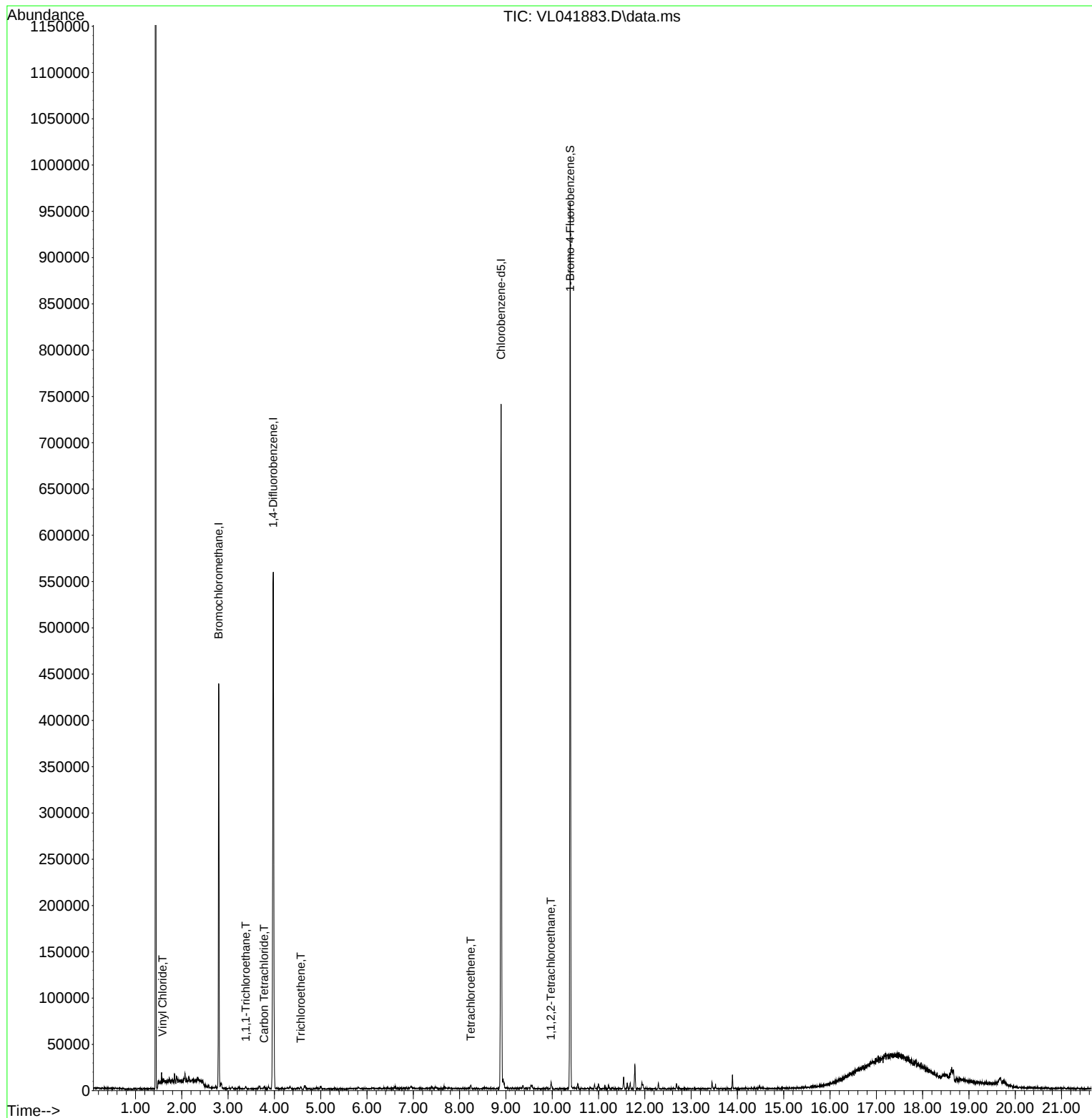
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
Data File : VL041883.D
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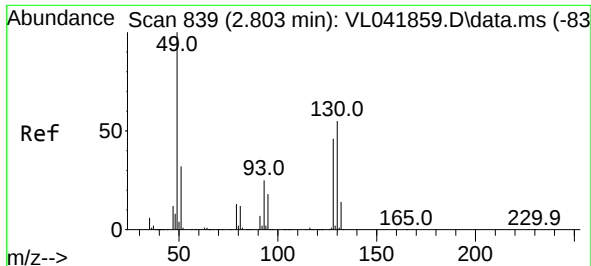
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MDL 0.03

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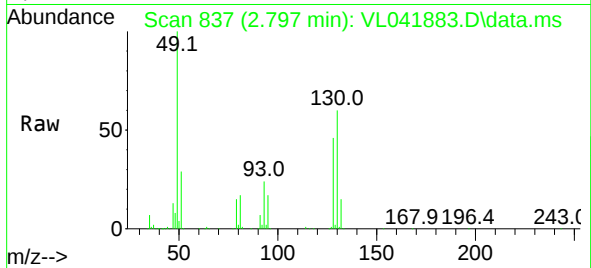
Quant Time: Jan 10 03:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 839
Delta R.T. -0.006 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

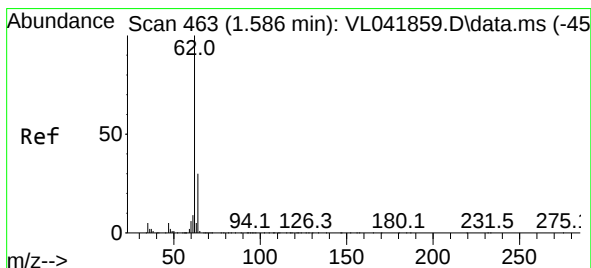
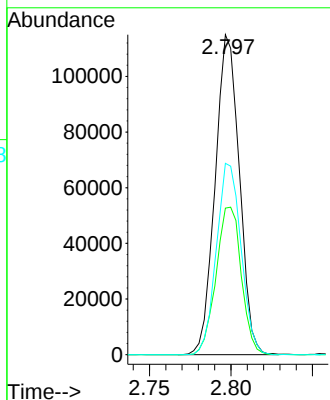
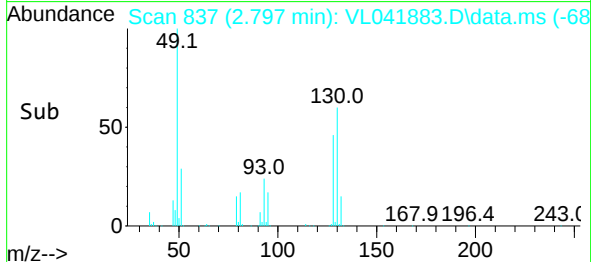
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 118770
Ion Ratio Lower Upper
49 100
128 48.1 23.2 69.5
130 60.9 29.9 89.8

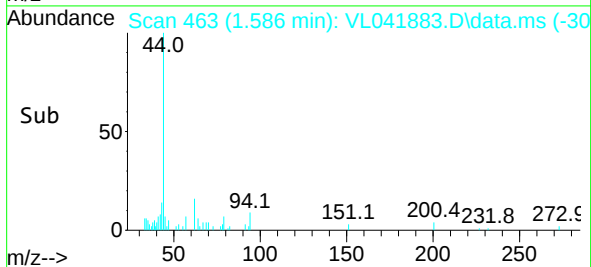
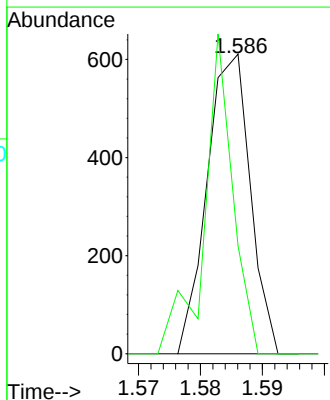
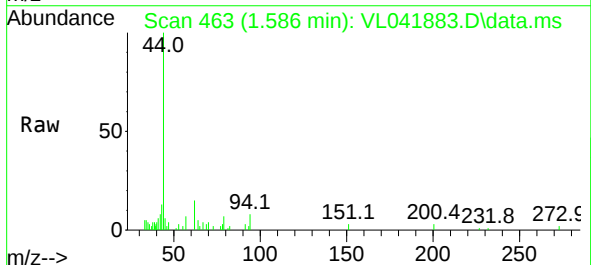
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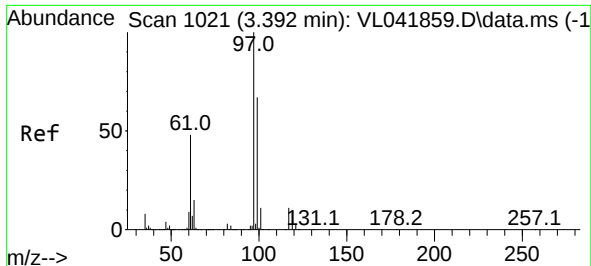
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#5
Vinyl Chloride
Concen: 0.037 ppbv
RT: 1.586 min Scan# 463
Delta R.T. -0.000 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 62 Resp: 297
Ion Ratio Lower Upper
62 100
64 36.0 24.1 36.1





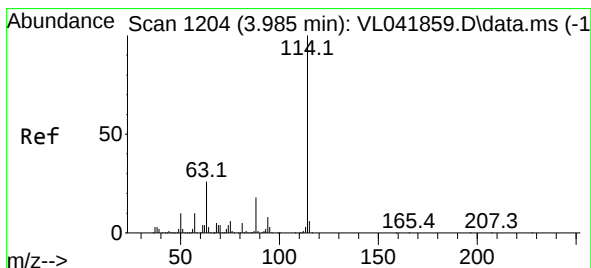
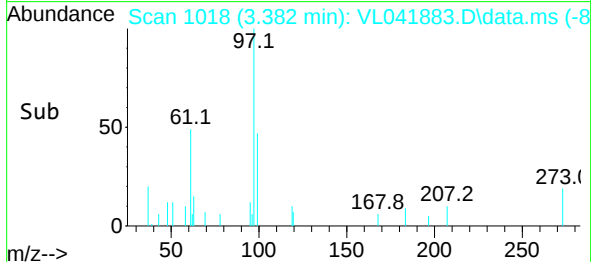
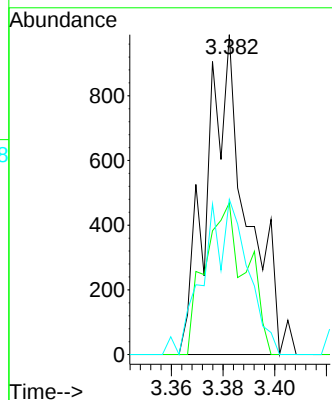
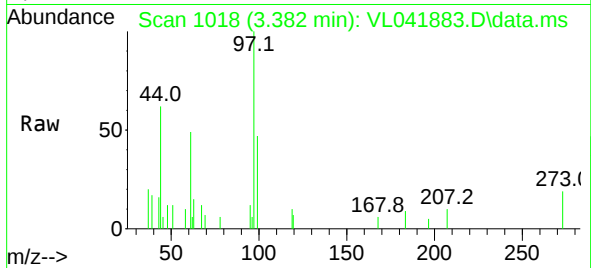
#32
 1,1,1-Trichloroethane
 Concen: 0.037 ppbv m
 RT: 3.382 min Scan# 1044
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Tgt Ion: 97 Resp: 1044
 Ion Ratio Lower Upper
 97 100
 99 49.9 52.0 78.0
 61 53.5 38.8 58.2

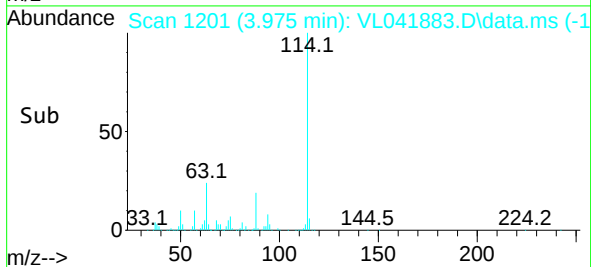
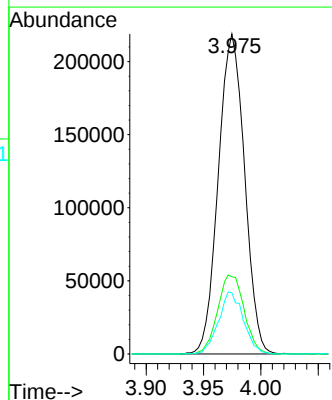
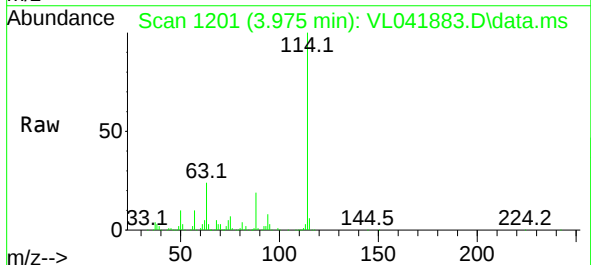
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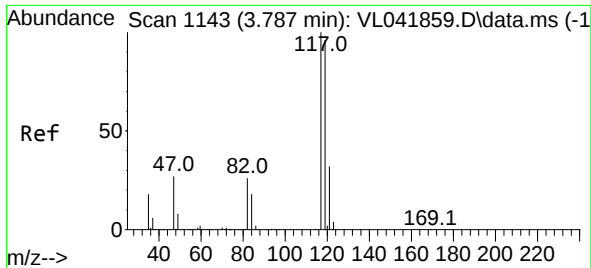
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.975 min Scan# 1201
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

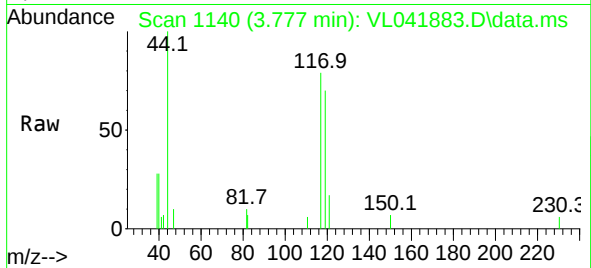
Tgt Ion:114 Resp: 347958
 Ion Ratio Lower Upper
 114 100
 63 25.0 20.3 30.5
 88 18.4 14.6 21.8





#35
Carbon Tetrachloride
Concen: 0.036 ppbv m
RT: 3.777 min Scan# 1143
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

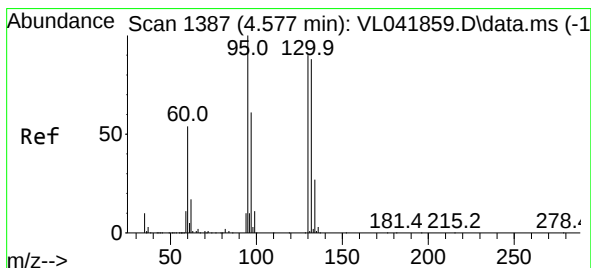
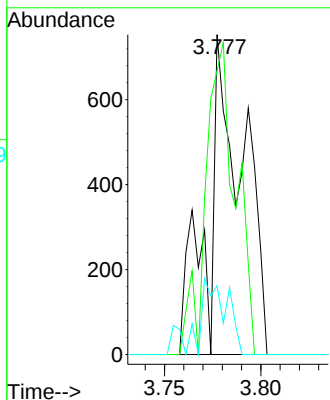
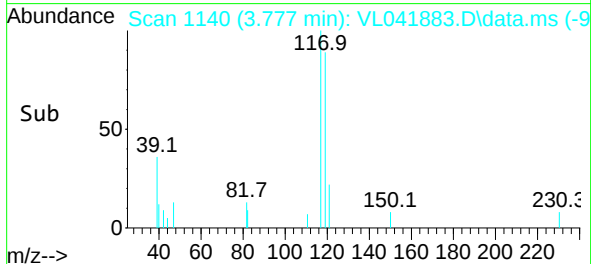
Instrument : MSVOA_L
ClientSampleId : MDL 0.03



Tgt Ion:117 Resp: 960
Ion Ratio Lower Upper
117 100
119 88.7 76.9 115.3
121 21.5 25.9 38.9

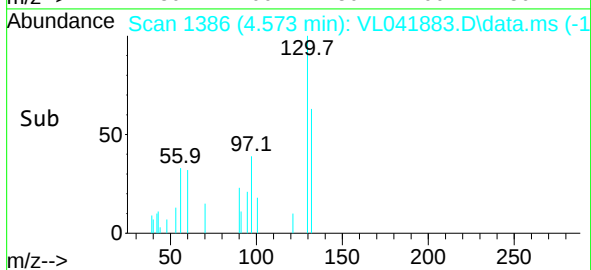
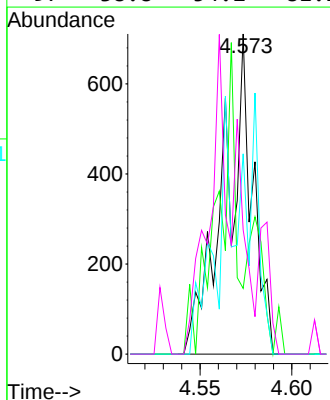
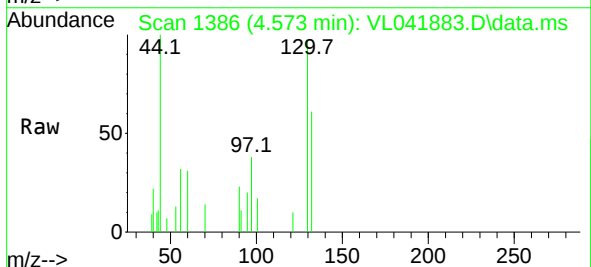
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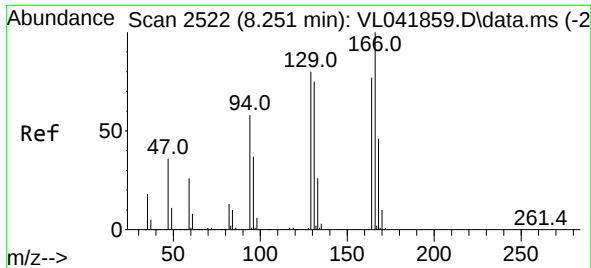
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#38
Trichloroethene
Concen: 0.047 ppbv m
RT: 4.573 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

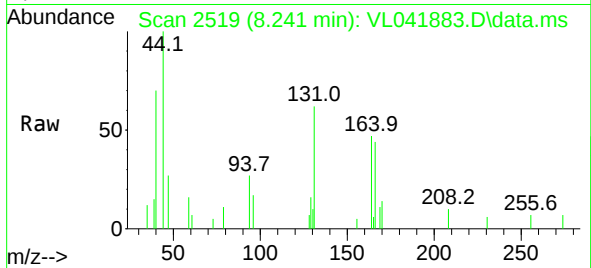
Tgt Ion:130 Resp: 757
Ion Ratio Lower Upper
130 100
95 20.5 88.5 132.7#
132 62.6 78.2 117.2#
97 38.8 54.2 81.2#





#52
Tetrachloroethene
Concen: 0.037 ppbv m
RT: 8.241 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

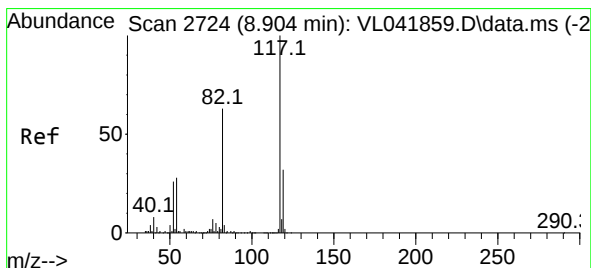
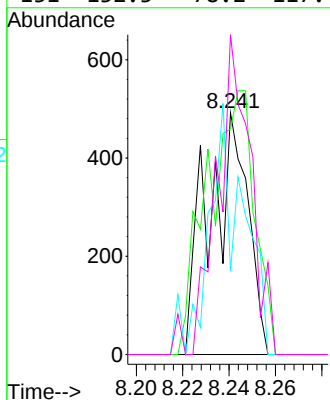
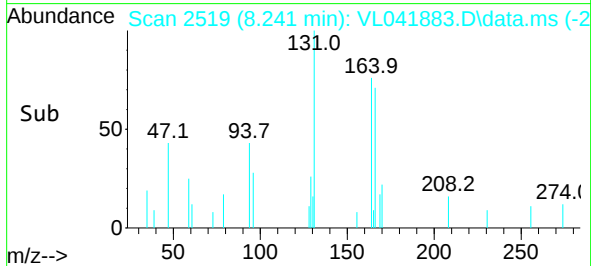
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



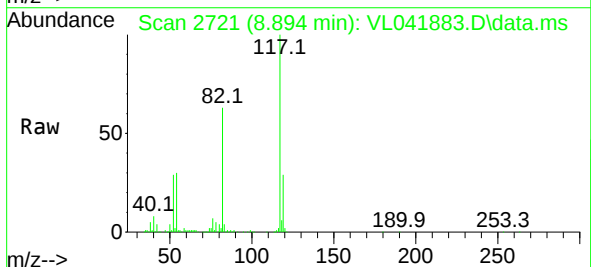
Tgt Ion:164 Resp: 570
Ion Ratio Lower Upper
164 100
166 93.3 103.6 155.4
129 34.6 82.6 123.8
131 132.3 78.2 117.4

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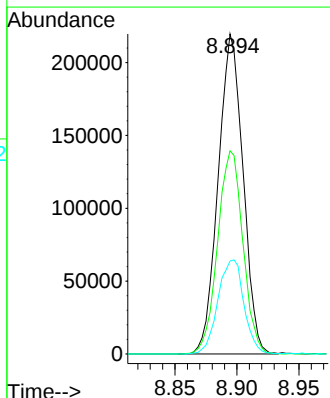
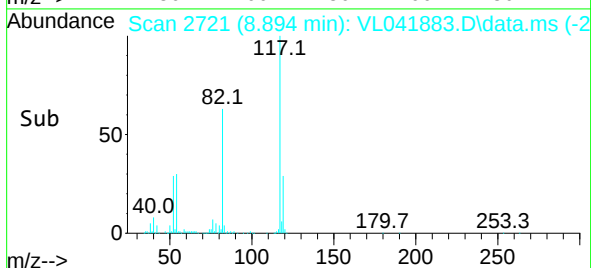
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

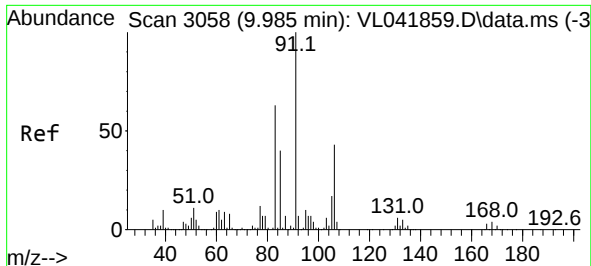


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 2721
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17



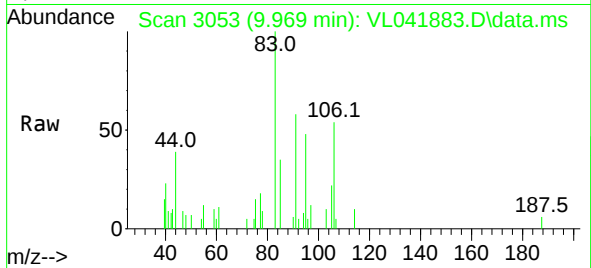
Tgt Ion:117 Resp: 307447
Ion Ratio Lower Upper
117 100
82 64.5 54.5 81.7
119 30.9 24.6 37.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.045 ppbv m
RT: 9.969 min Scan# 3058
Delta R.T. -0.016 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

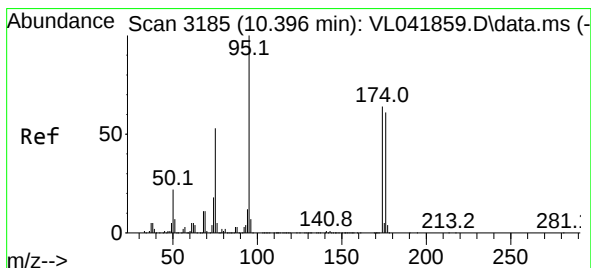
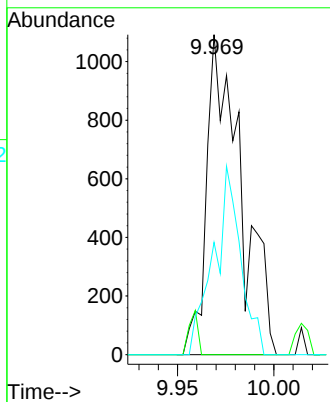
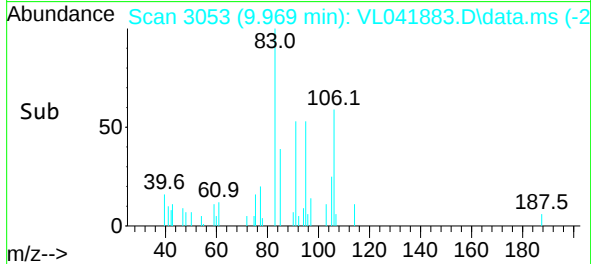
Instrument : MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 83 Resp: 1348
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 46.4 32.1 96.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.191 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 95 Resp: 251243
Ion Ratio Lower Upper
95 100
174 60.7 51.1 76.7
175 5.0 3.8 5.8

