

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041884.D
 Acq On : 10 Jan 2025 00:47
 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 03:14:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	2.800	49	115559	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	332956	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	294802	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	239551	10.134	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	441m	0.056	ppbv	
32) 1,1,1-Trichloroethane	3.379	97	1097m	0.040	ppbv	
35) Carbon Tetrachloride	3.794	117	981m	0.038	ppbv	
38) Trichloroethene	4.587	130	715m	0.047	ppbv	
52) Tetrachloroethene	8.244	164	592m	0.040	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.979	83	1134m	0.040	ppbv	

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

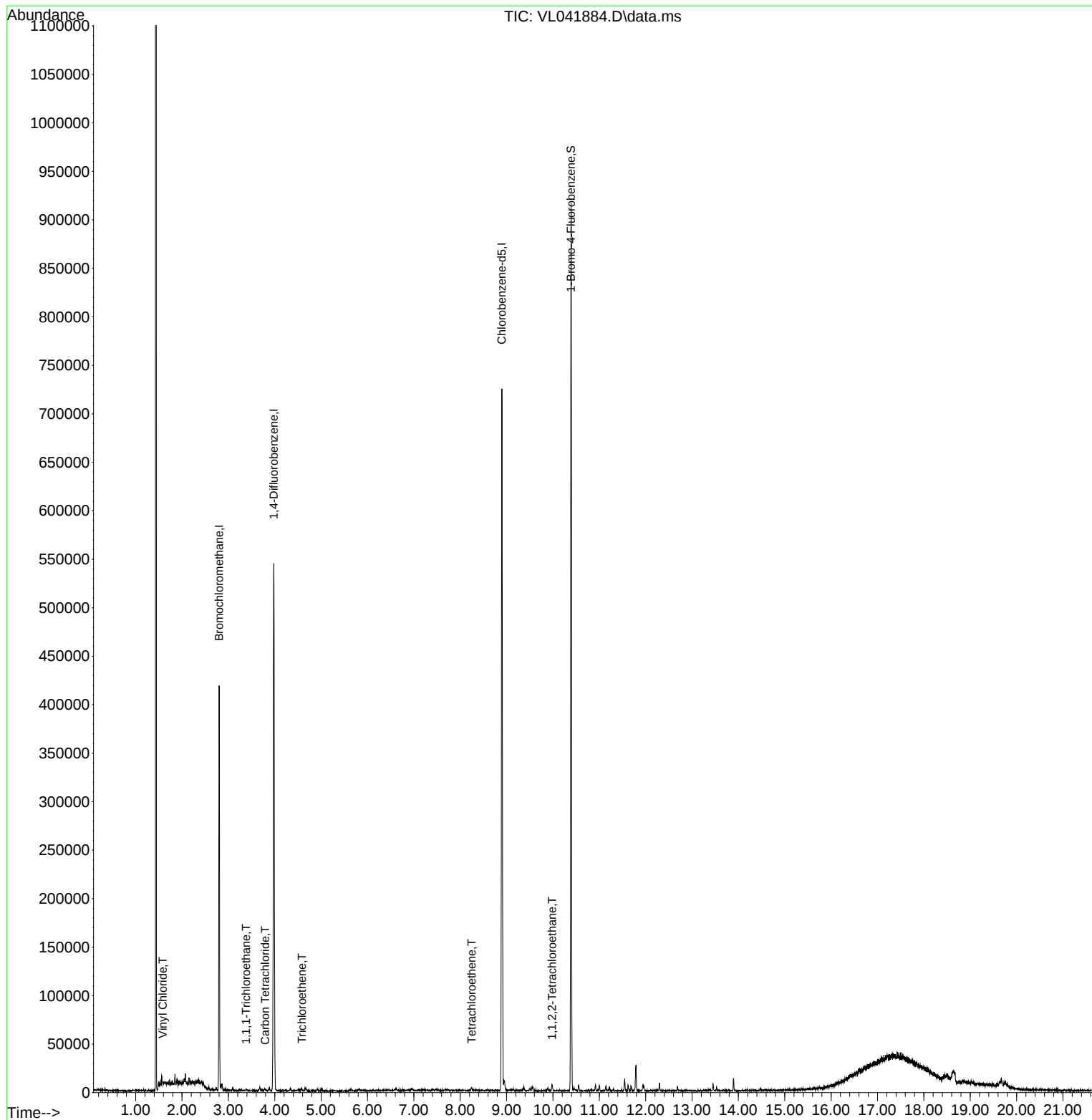
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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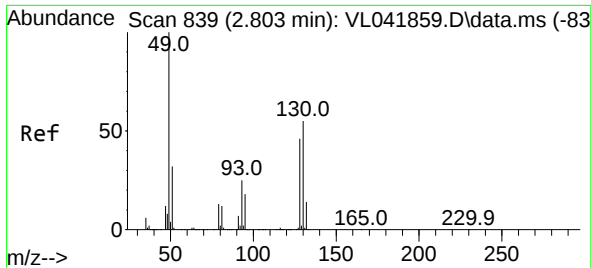
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Jan 10 03:14:31 2025
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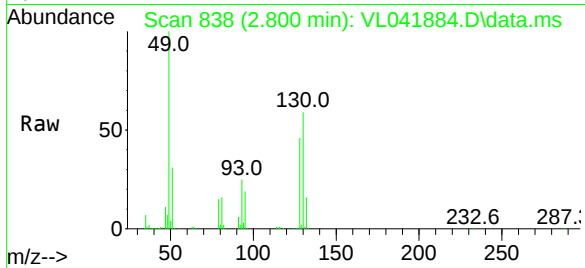
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

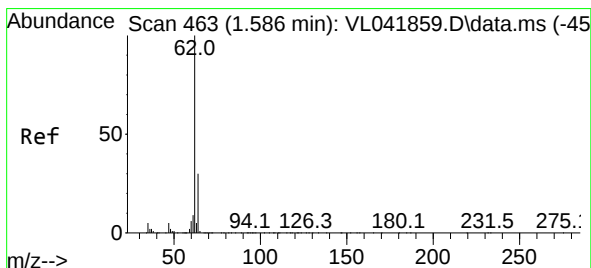
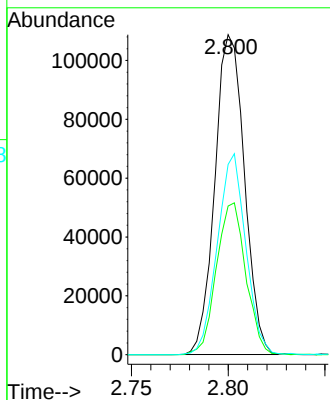
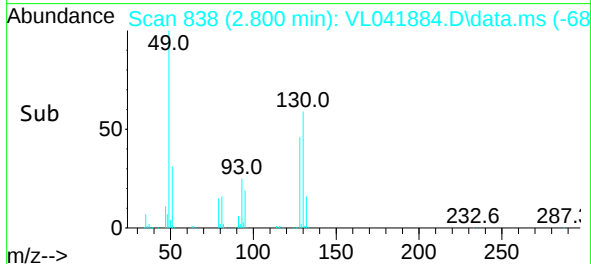
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 11555
Ion Ratio Lower Upper
49 100
128 47.3 23.2 69.5
130 60.7 29.9 89.8

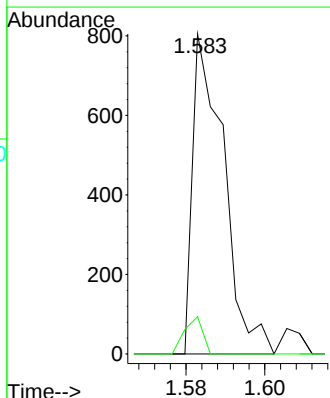
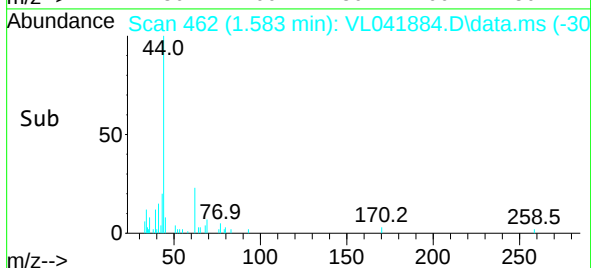
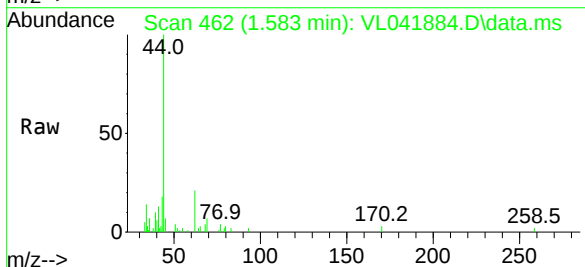
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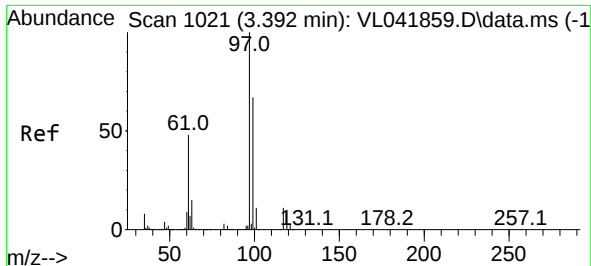
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#5
Vinyl Chloride
Concen: 0.056 ppbv m
RT: 1.583 min Scan# 462
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 62 Resp: 441
Ion Ratio Lower Upper
62 100
64 11.7 24.1 36.1#





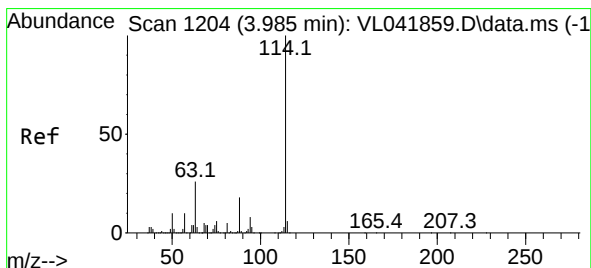
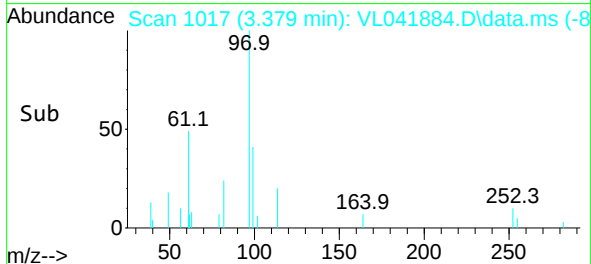
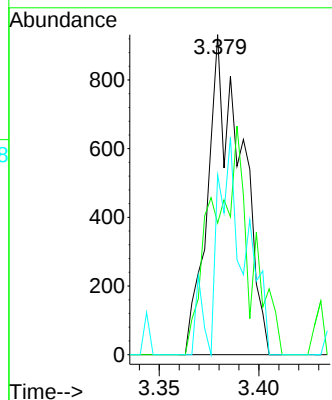
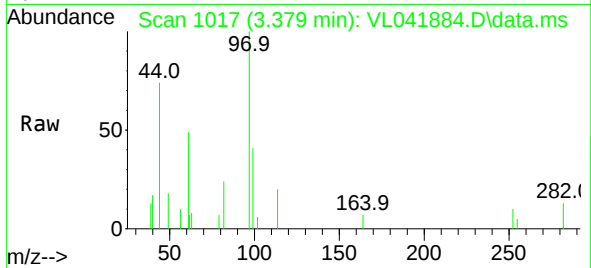
#32
1,1,1-Trichloroethane
Concen: 0.040 ppbv m
RT: 3.379 min Scan# 1097
Delta R.T. -0.013 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Tgt Ion: 97	Resp: 1097
Ion Ratio	Lower Upper
97 100	
99 0.0	52.0 78.0
61 57.3	38.8 58.2

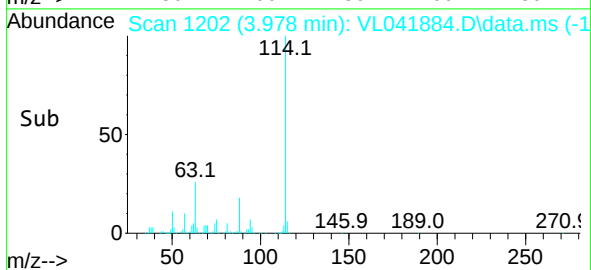
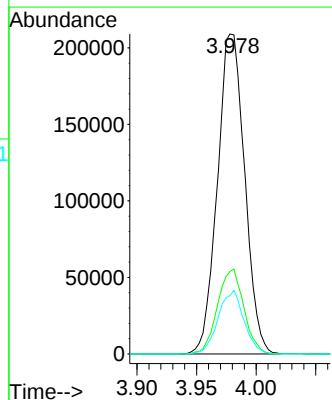
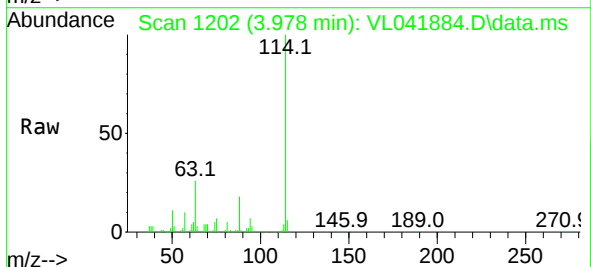
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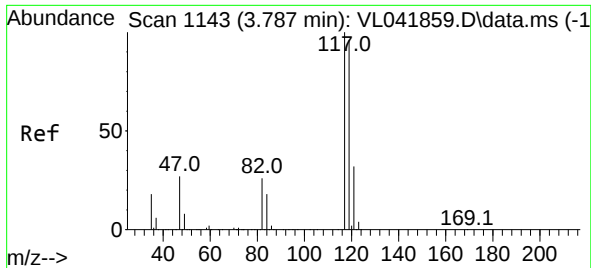
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1202
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

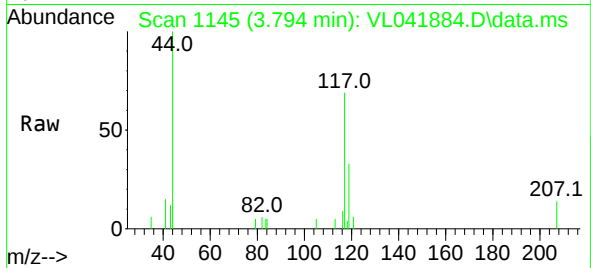
Tgt Ion:114	Resp: 332956
Ion Ratio	Lower Upper
114 100	
63 25.6	20.3 30.5
88 18.7	14.6 21.8





#35
Carbon Tetrachloride
Concen: 0.038 ppbv m
RT: 3.794 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

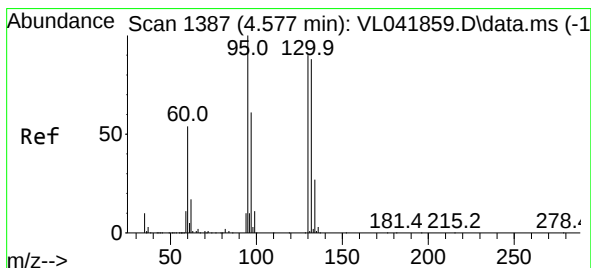
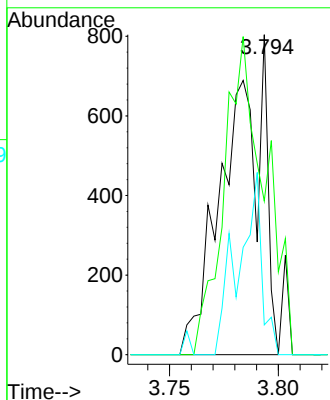
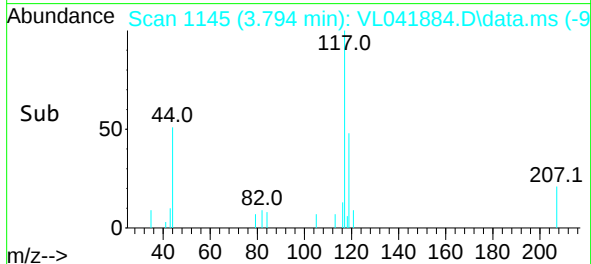
Instrument : MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion:117 Resp: 98
Ion Ratio Lower Upper
117 100
119 48.0 76.9 115.3#
121 9.3 25.9 38.9#

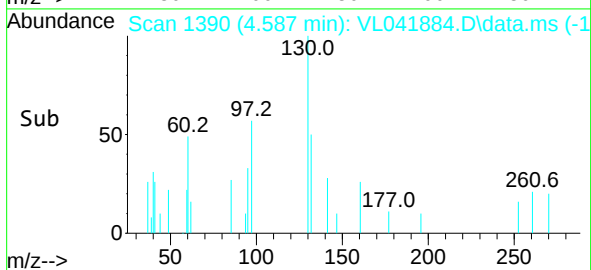
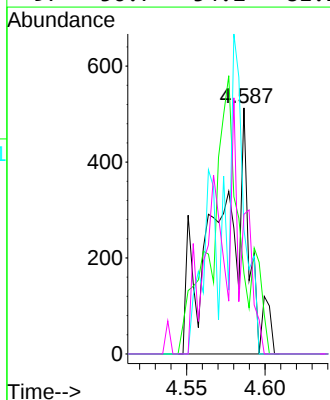
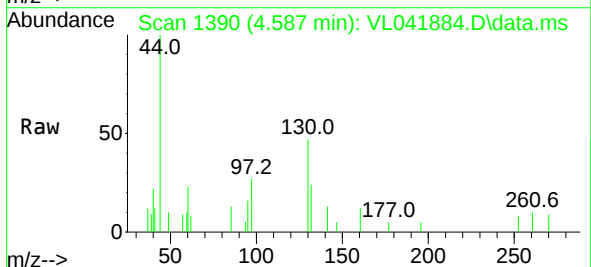
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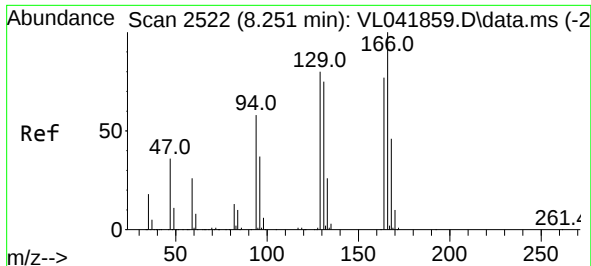
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 0.047 ppbv m
RT: 4.587 min Scan# 1390
Delta R.T. 0.010 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

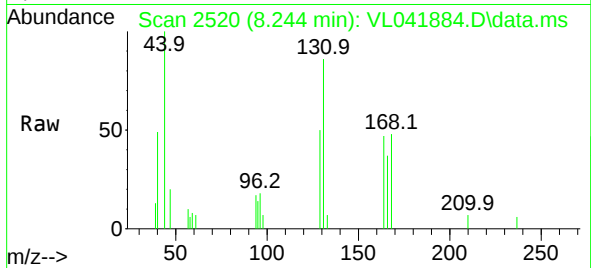
Tgt Ion:130 Resp: 715
Ion Ratio Lower Upper
130 100
95 32.7 88.5 132.7#
132 50.5 78.2 117.2#
97 56.7 54.2 81.2





#52
Tetrachloroethene
Concen: 0.040 ppbv m
RT: 8.244 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

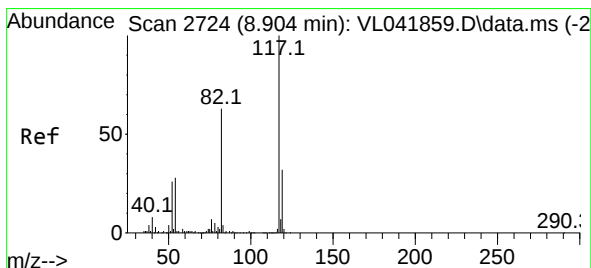
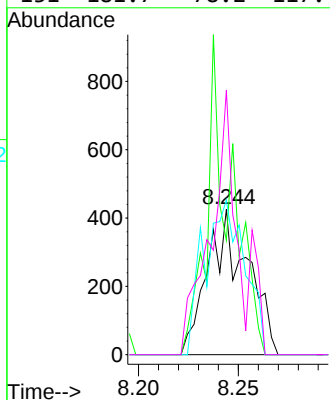
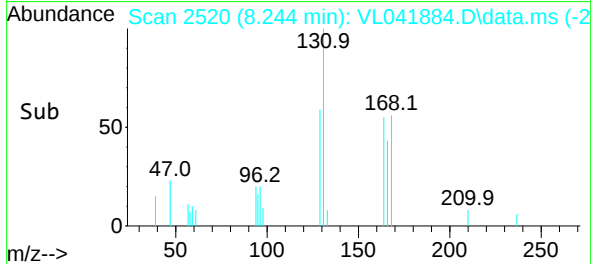
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



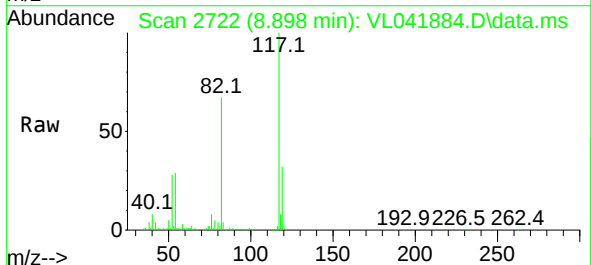
Tgt Ion:164 Resp: 592
Ion Ratio Lower Upper
164 100
166 78.6 103.6 155.4
129 106.3 82.6 123.8
131 181.7 78.2 117.4#

Manual Integrations
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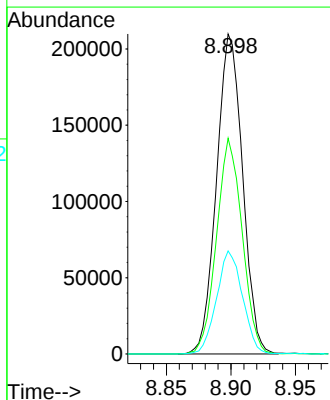
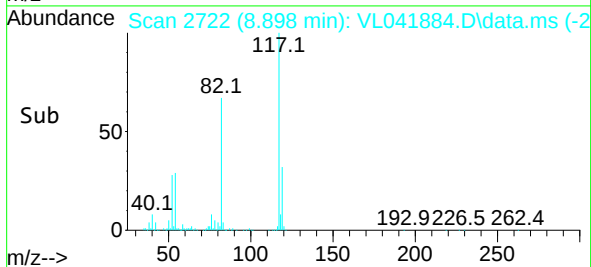
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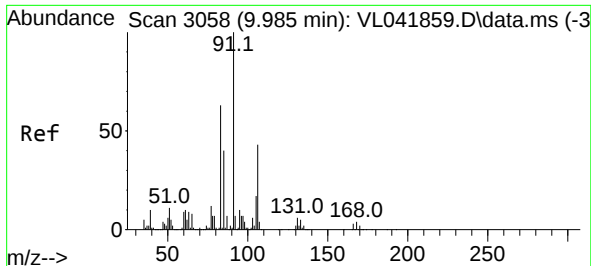


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47



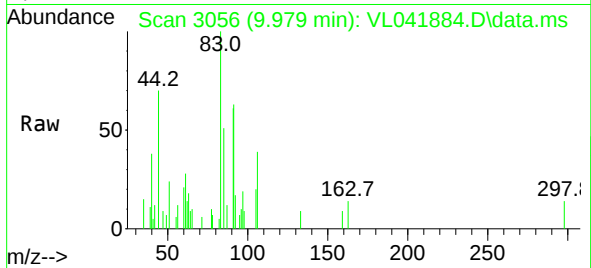
Tgt Ion:117 Resp: 294802
Ion Ratio Lower Upper
117 100
82 66.4 54.5 81.7
119 32.2 24.6 37.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.040 ppbv m
RT: 9.979 min Scan# 3058
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

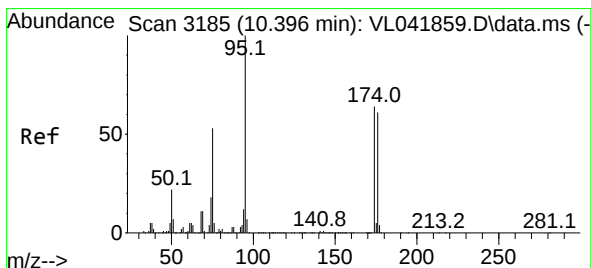
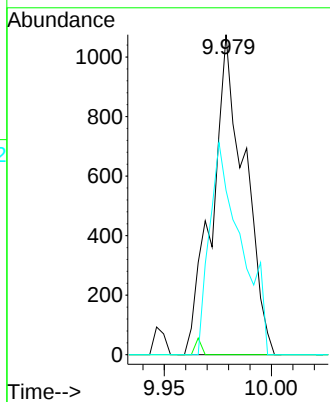
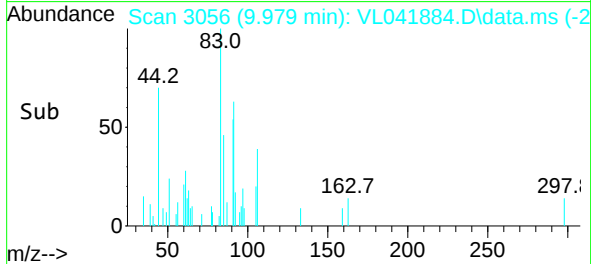
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 83 Resp: 1134
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 64.3 32.1 96.3

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.134 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 95 Resp: 239551
Ion Ratio Lower Upper
95 100
174 60.8 51.1 76.7
175 4.7 3.8 5.8

