

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041864.D
 Acq On : 09 Jan 2025 13:54
 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 :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 09 14:27:50 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 : Thu Jan 09 13:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	140652	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.982	114	417764	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	382336	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	308087	9.408	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.590	62	375	0.039	ppbv #	86
32) 1,1,1-Trichloroethane	3.389	97	1032m	0.041	ppbv	
35) Carbon Tetrachloride	3.791	117	1177m	0.037	ppbv	
38) Trichloroethene	4.580	130	518m	0.033	ppbv	
52) Tetrachloroethene	8.251	164	686	0.058	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	9.979	83	1052	0.027	ppbv #	78

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

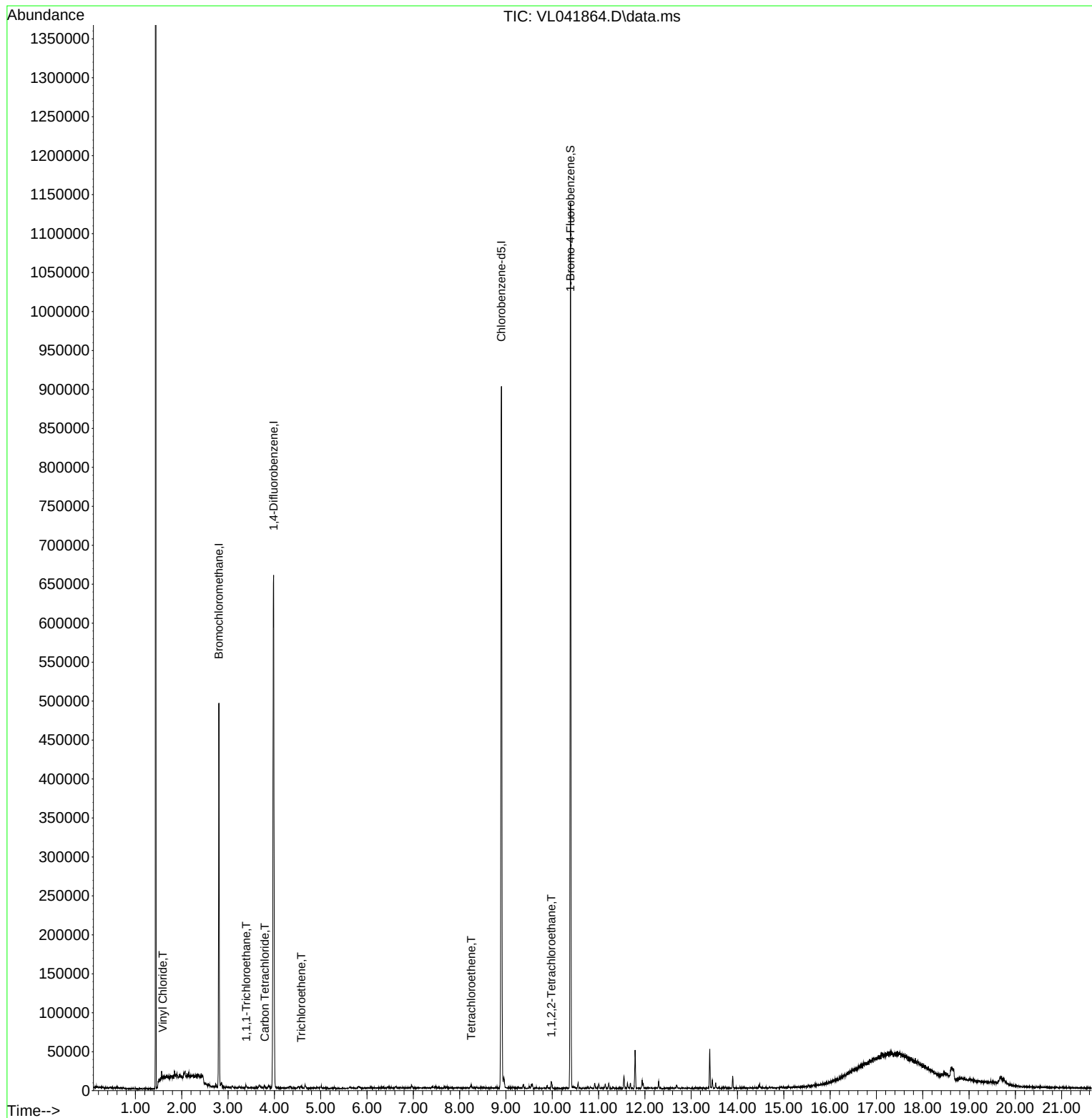
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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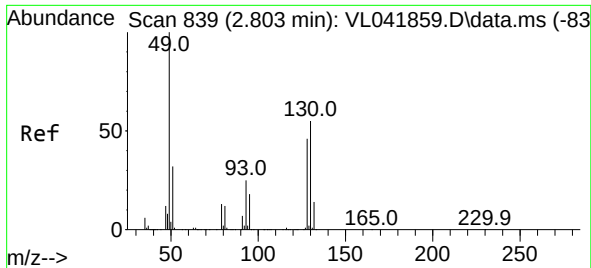
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jan 09 14:27:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
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QLast Update : Thu Jan 09 13:37:17 2025
Response via : Initial Calibration

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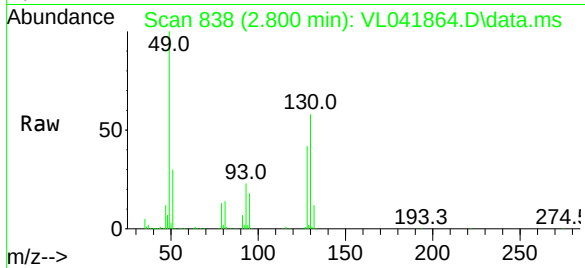
Reviewed By : Mahesh Dadoda 01/10/2025
Supervised By : Semsettin Yesilyurt 01/10/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54

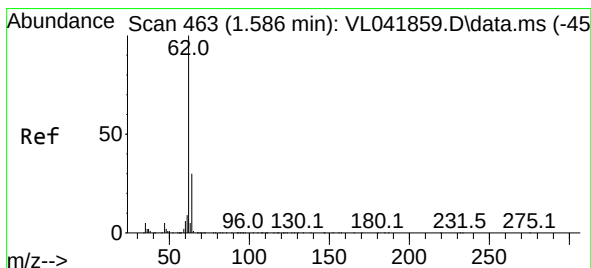
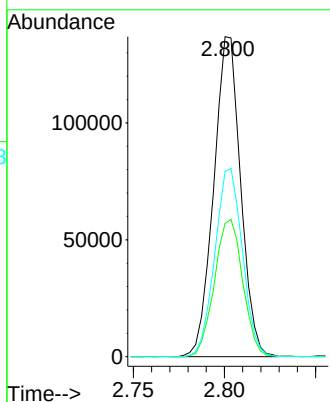
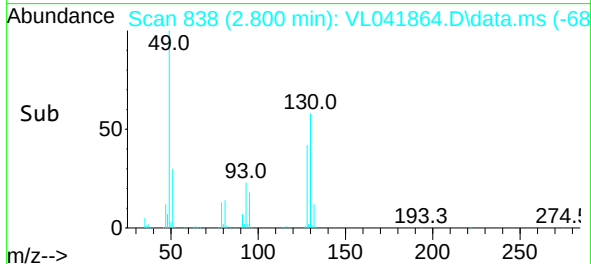
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 140652
Ion Ratio Lower Upper
49 100
128 45.0 19.7 59.1
130 60.3 26.4 79.2

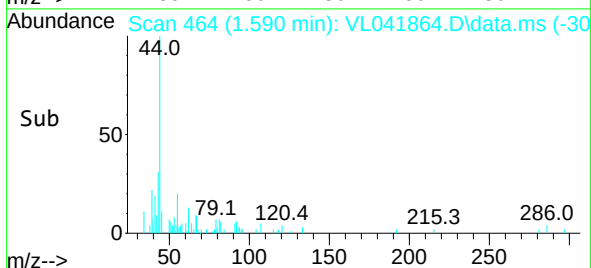
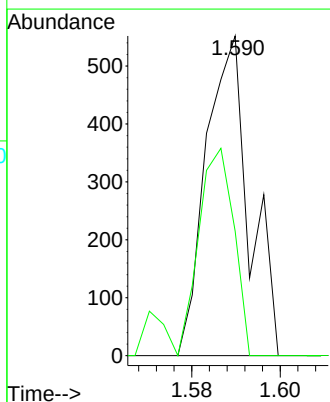
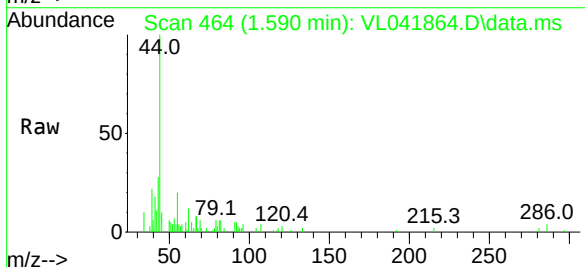
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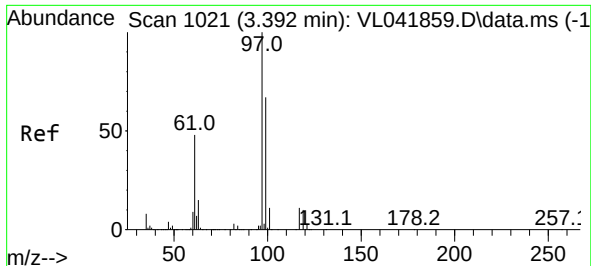
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#5
Vinyl Chloride
Concen: 0.039 ppbv
RT: 1.590 min Scan# 464
Delta R.T. 0.004 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54

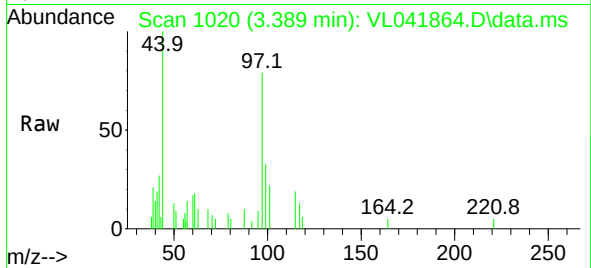
Tgt Ion: 62 Resp: 375
Ion Ratio Lower Upper
62 100
64 38.9 24.9 37.3#





#32
1,1,1-Trichloroethane
Concen: 0.041 ppbv m
RT: 3.389 min Scan# 1020
Delta R.T. 0.007 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54

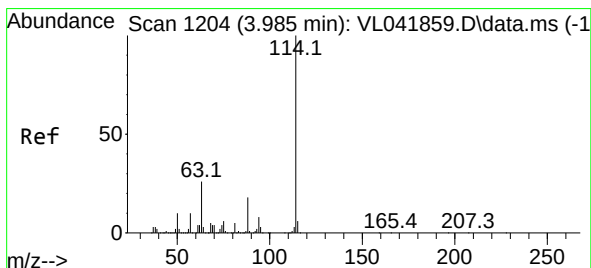
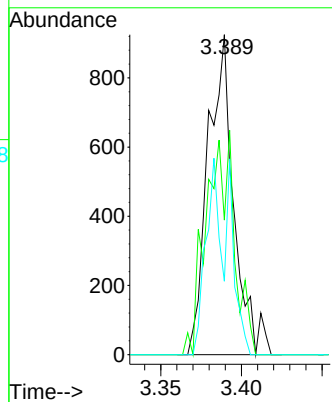
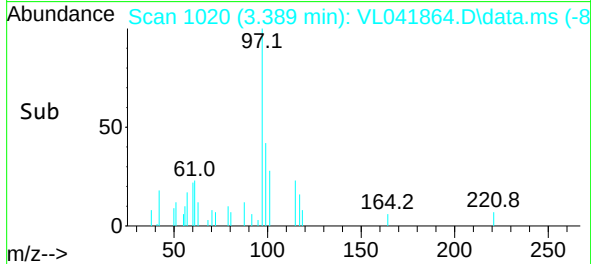
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 97 Resp: 1032
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 52.7 45.0 67.6

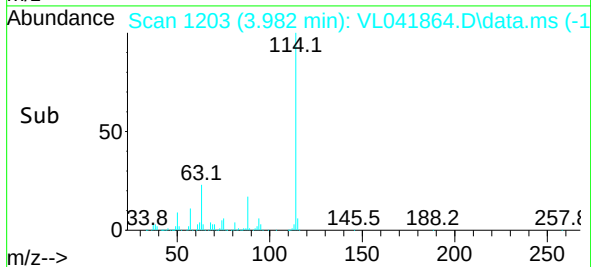
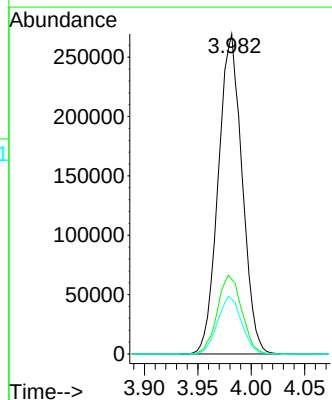
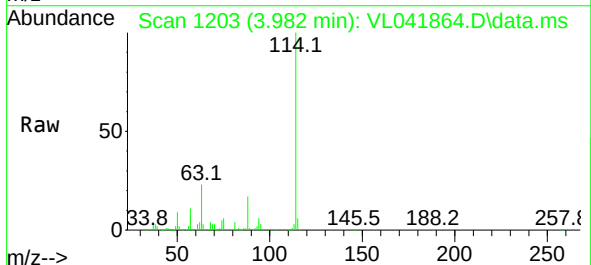
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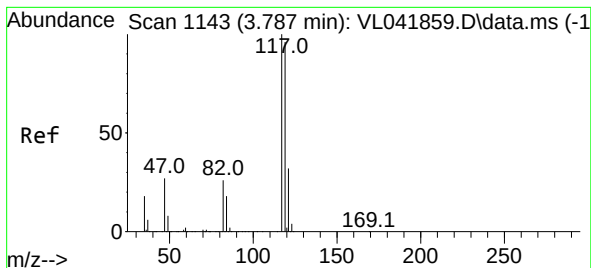
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.982 min Scan# 1203
Delta R.T. 0.007 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54

Tgt Ion:114 Resp: 417764
Ion Ratio Lower Upper
114 100
63 25.3 22.3 33.5
88 18.1 14.9 22.3





#35

Carbon Tetrachloride

Concen: 0.037 ppbv m

RT: 3.791 min Scan# 1143

Delta R.T. 0.010 min

Lab File: VL041864.D

Acq: 09 Jan 2025 13:54

Instrument :

MSVOA_L

ClientSampleId :

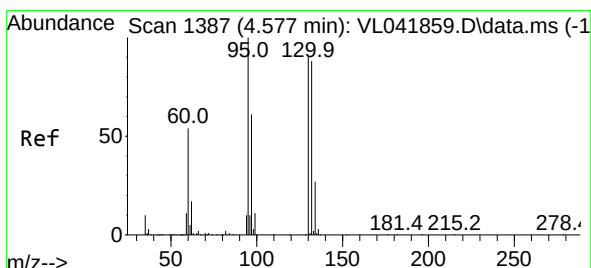
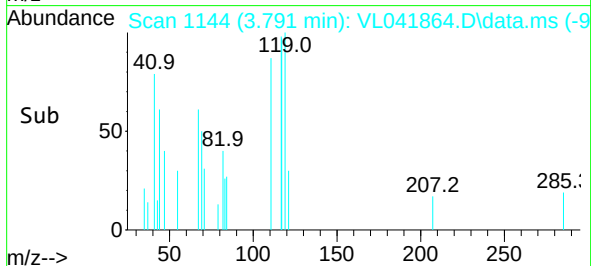
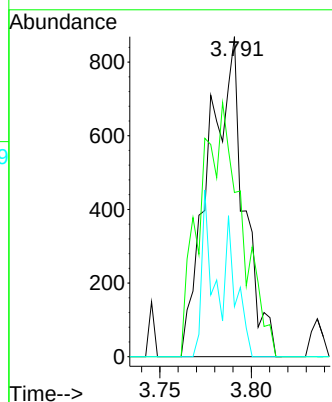
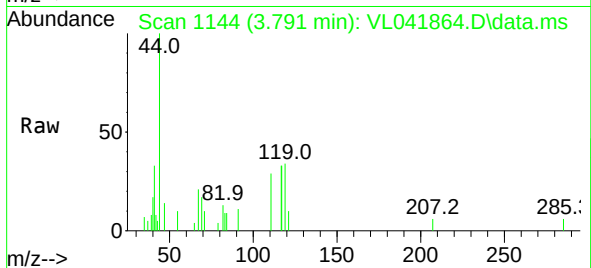
VSTDICC0.03

Tgt Ion:	117	Resp:	117
Ion	Ratio	Lower	Upper
117	100		
119	102.3	79.1	118.7
121	31.2	24.2	36.2

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#38

Trichloroethene

Concen: 0.033 ppbv m

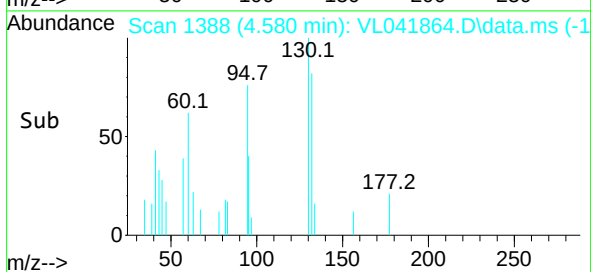
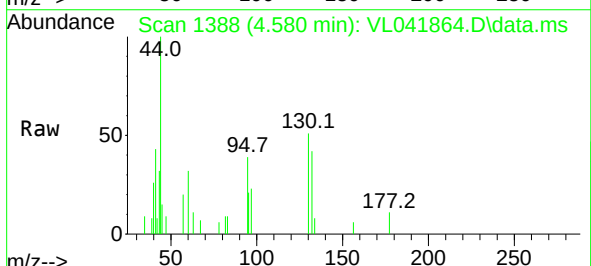
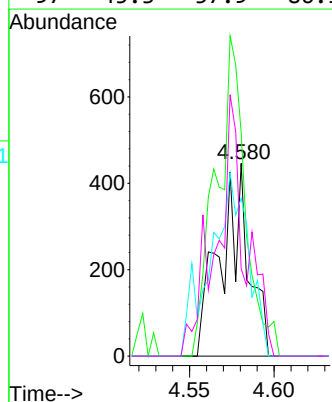
RT: 4.580 min Scan# 1388

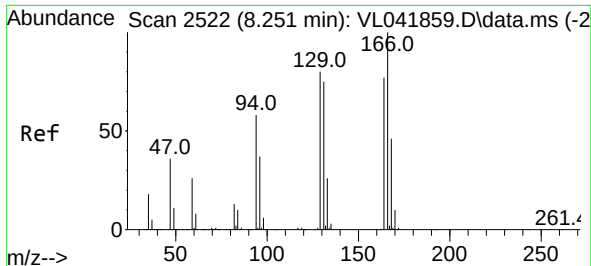
Delta R.T. 0.010 min

Lab File: VL041864.D

Acq: 09 Jan 2025 13:54

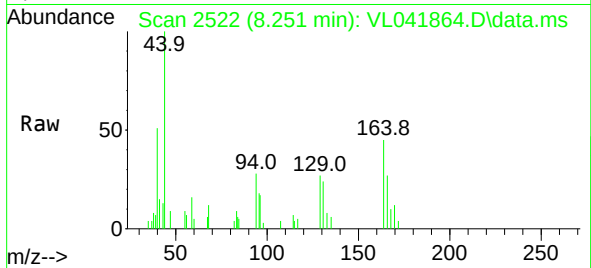
Tgt Ion:	130	Resp:	518
Ion	Ratio	Lower	Upper
130	100		
95	75.8	90.1	135.1#
132	81.8	71.8	107.8
97	45.3	57.9	86.9#





#52
Tetrachloroethene
Concen: 0.058 ppbv
RT: 8.251 min Scan# 2522
Delta R.T. 0.007 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54

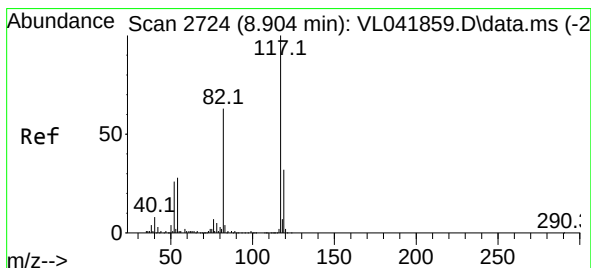
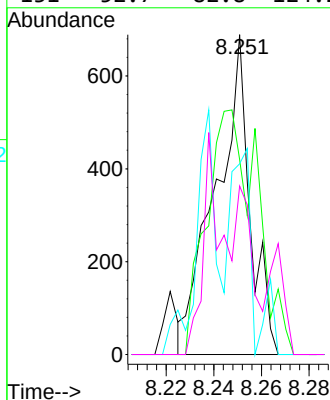
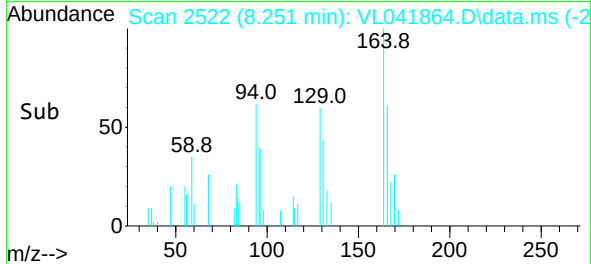
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



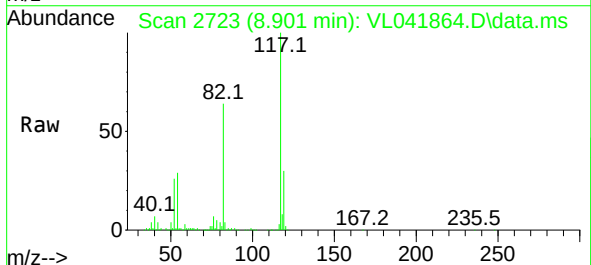
Tgt Ion:164 Resp: 680
Ion Ratio Lower Upper
164 100
166 61.0 100.4 150.6
129 59.7 85.9 128.9
131 52.7 82.8 124.2

Manual Integrations
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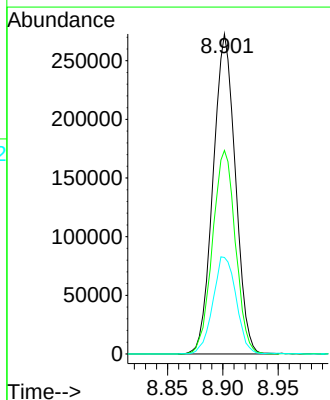
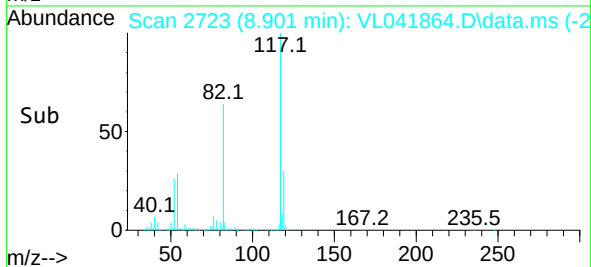
Reviewed By :Mahesh Dadoda 01/10/2025
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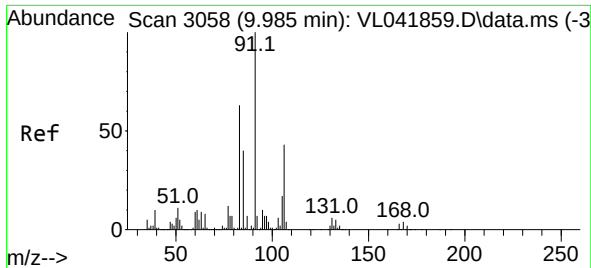


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.004 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54



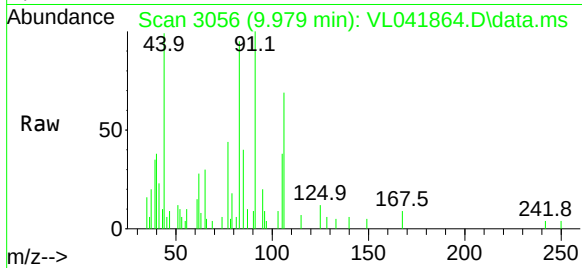
Tgt Ion:117 Resp: 382336
Ion Ratio Lower Upper
117 100
82 65.5 59.1 88.7
119 31.9 27.3 40.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.027 ppbv
RT: 9.979 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54

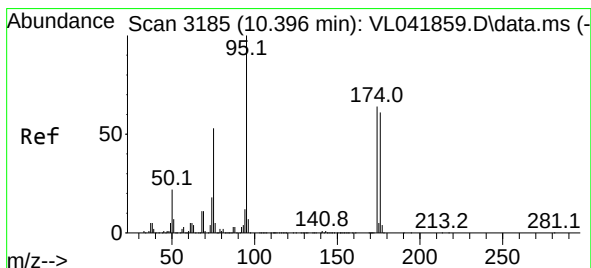
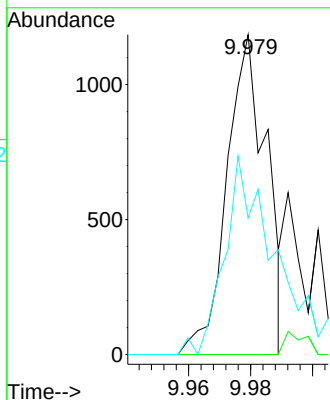
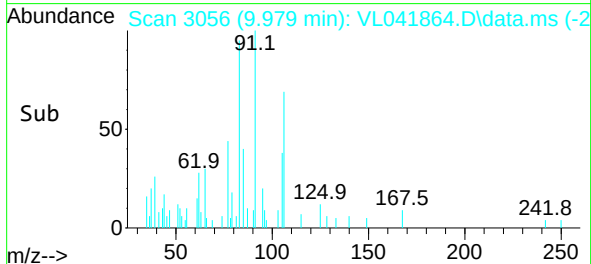
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 83 Resp: 1052
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 80.2 31.9 95.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.408 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. 0.004 min
Lab File: VL041864.D
Acq: 09 Jan 2025 13:54

Tgt Ion: 95 Resp: 308087
Ion Ratio Lower Upper
95 100
174 63.3 47.6 71.4
175 5.0 3.8 5.6

