

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041863.D
 Acq On : 09 Jan 2025 13:24
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 14:20:00 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	2.806	49	140029	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.984	114	422202	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.907	117	386905	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.399	95	308324	9.304	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.000%
Target Compounds						
5) Vinyl Chloride	1.589	62	1043	0.109	ppbv	97
32) 1,1,1-Trichloroethane	3.395	97	3510m	0.139	ppbv	
35) Carbon Tetrachloride	3.793	117	3101m	0.097	ppbv	
38) Trichloroethene	4.580	130	2096m	0.133	ppbv	
52) Tetrachloroethene	8.247	164	2108m	0.176	ppbv	
54) 1,2-Dibromoethane	7.684	107	2320m	0.115	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.992	83	4264	0.107	ppbv	96
79) Naphthalene	13.532	128	8145	0.199	ppbv	100

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

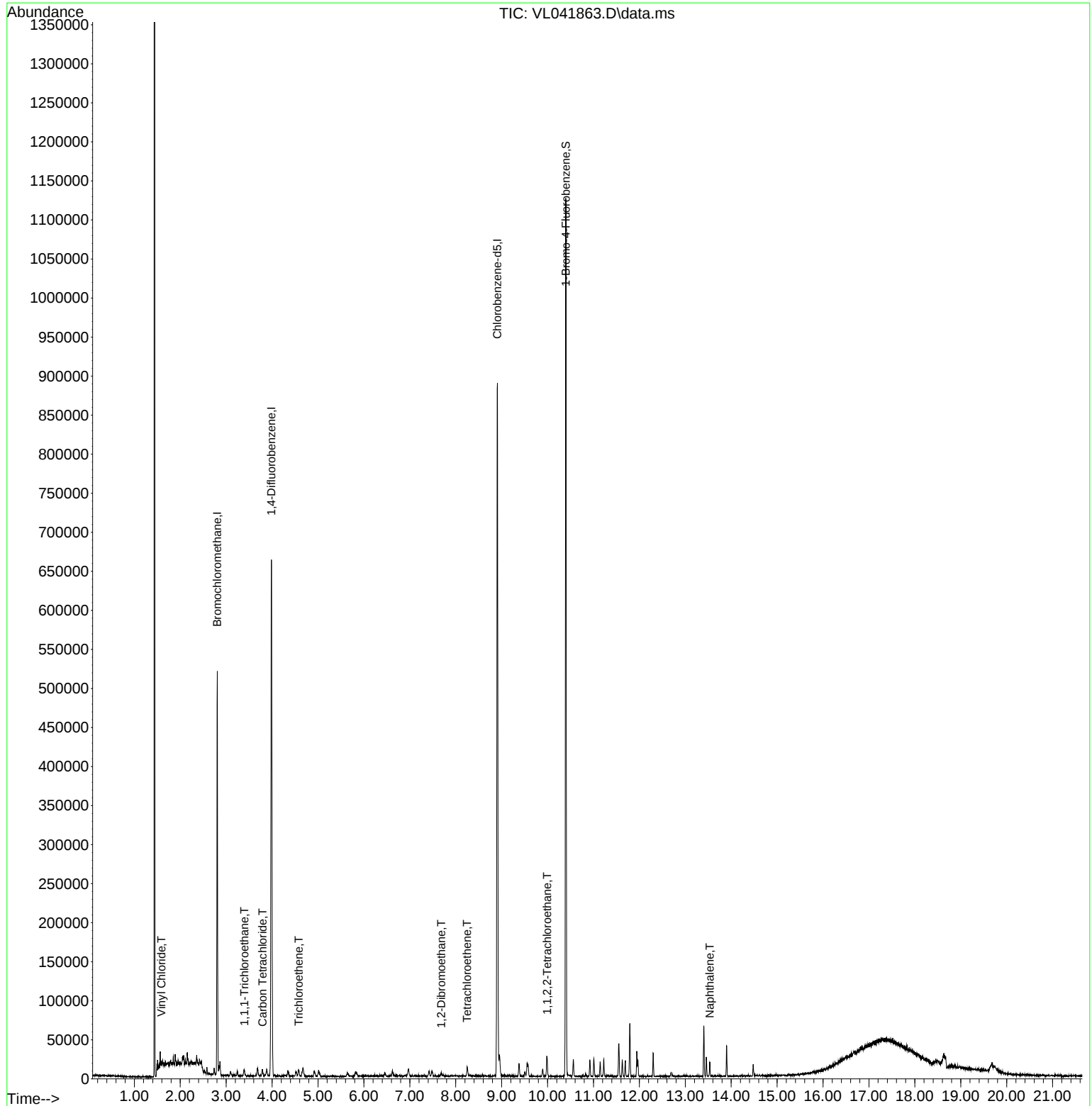
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
Data File : VL041863.D
Acq On : 09 Jan 2025 13:24
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

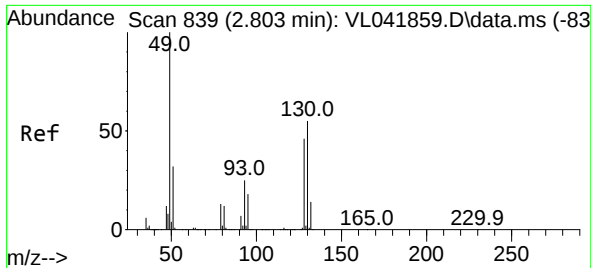
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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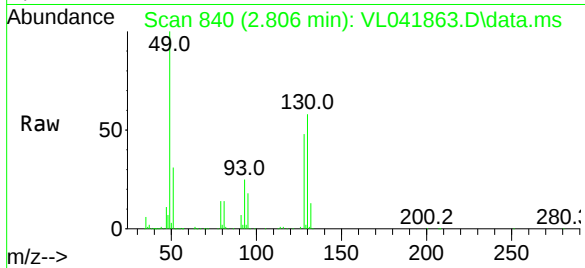
Quant Time: Jan 09 14:20:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jan 09 13:37:17 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 840
Delta R.T. 0.006 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

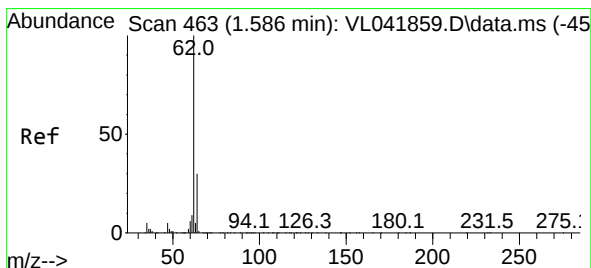
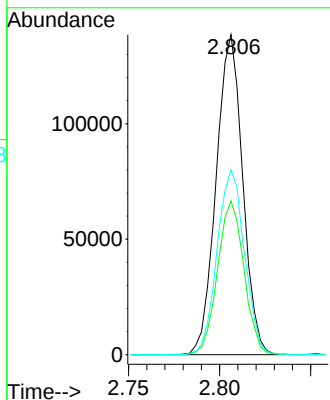
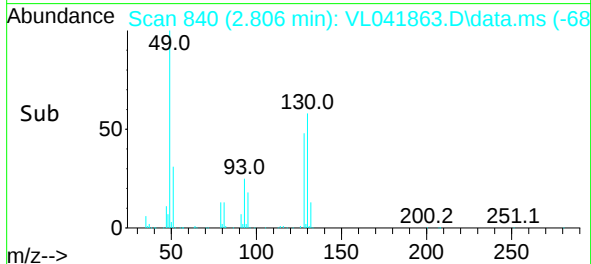
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 49 Resp: 140029
Ion Ratio Lower Upper
49 100
128 47.9 19.7 59.1
130 59.9 26.4 79.2

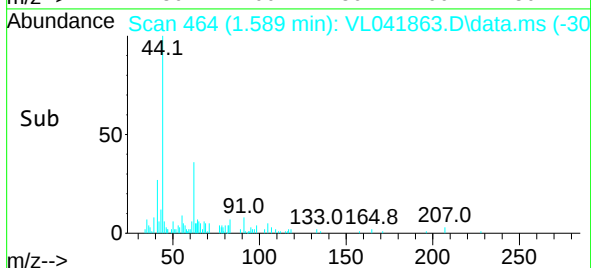
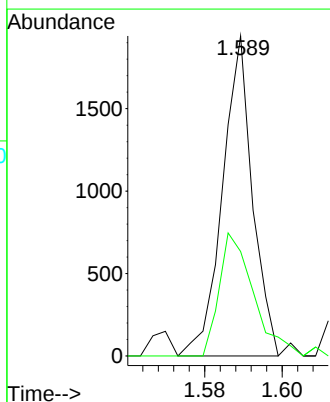
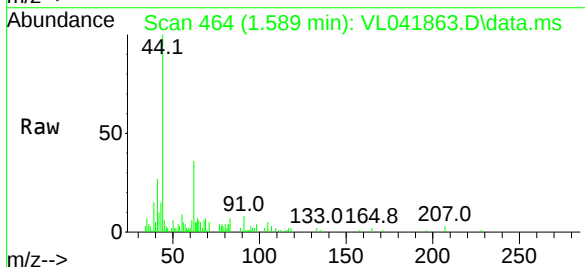
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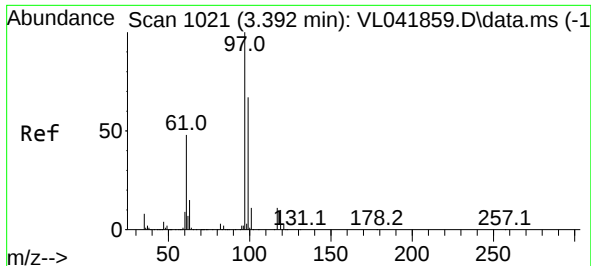
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#5
Vinyl Chloride
Concen: 0.109 ppbv
RT: 1.589 min Scan# 464
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

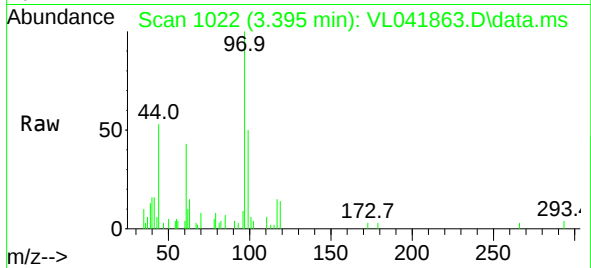
Tgt Ion: 62 Resp: 1043
Ion Ratio Lower Upper
62 100
64 32.7 24.9 37.3





#32
1,1,1-Trichloroethane
Concen: 0.139 ppbv m
RT: 3.395 min Scan# 1021
Delta R.T. 0.013 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

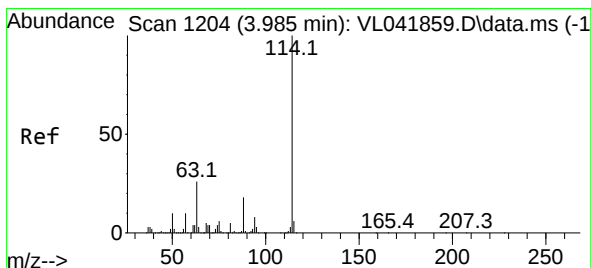
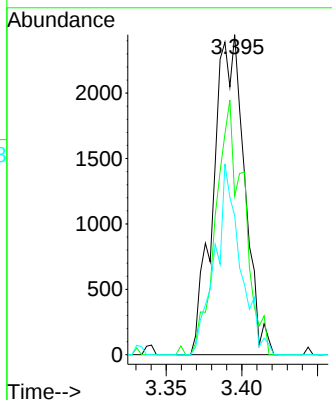
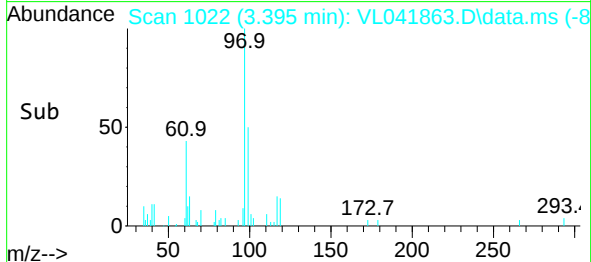
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 97 Resp: 3510
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 48.3 45.0 67.6

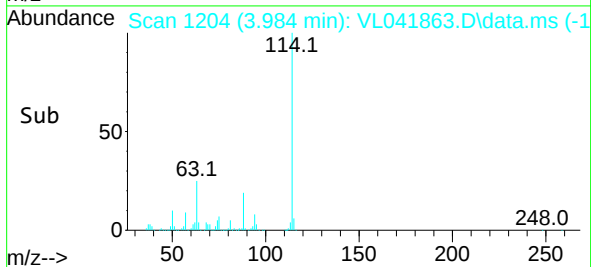
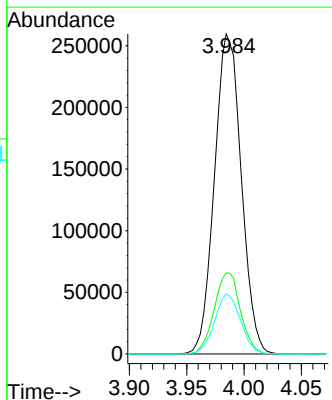
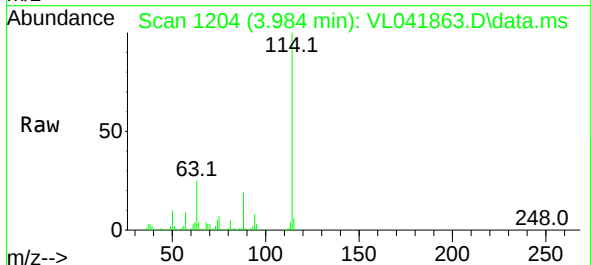
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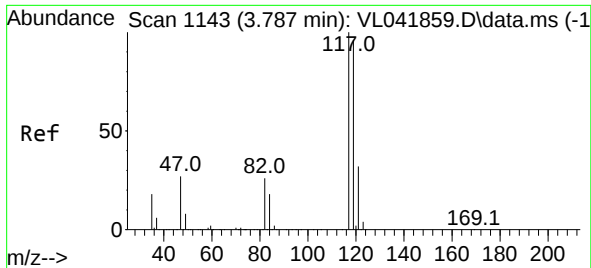
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.984 min Scan# 1204
Delta R.T. 0.010 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

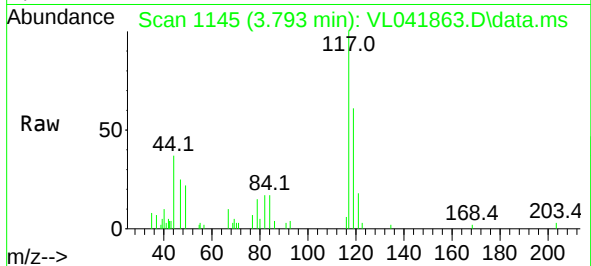
Tgt Ion:114 Resp: 422202
Ion Ratio Lower Upper
114 100
63 24.8 22.3 33.5
88 18.1 14.9 22.3





#35
Carbon Tetrachloride
Concen: 0.097 ppbv m
RT: 3.793 min Scan# 1143
Delta R.T. 0.013 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

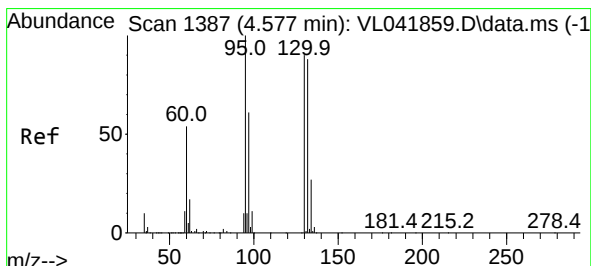
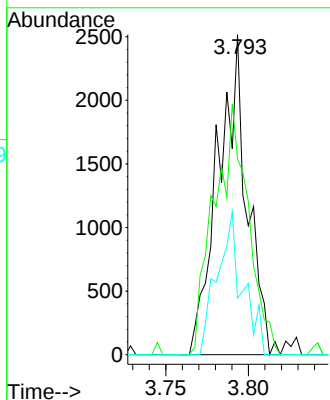
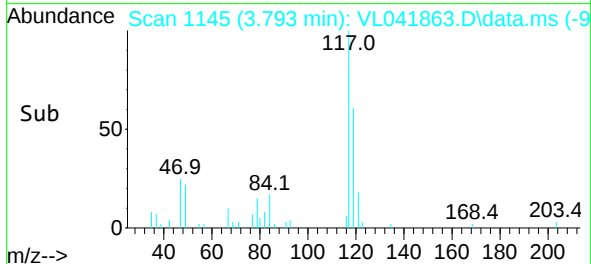
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 310
Ion Ratio Lower Upper
117 100
119 61.2 79.1 118.7
121 17.6 24.2 36.2

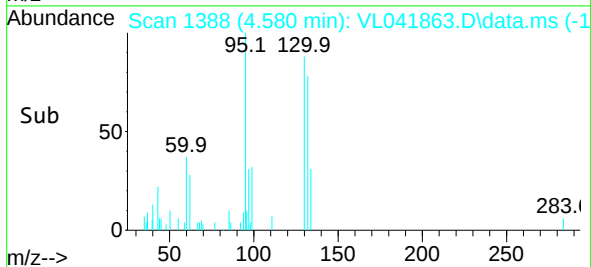
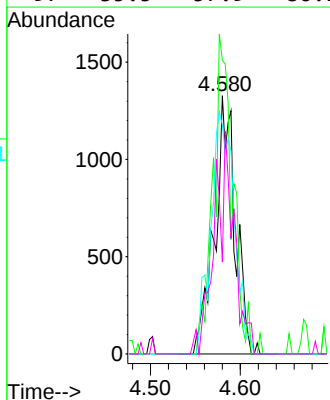
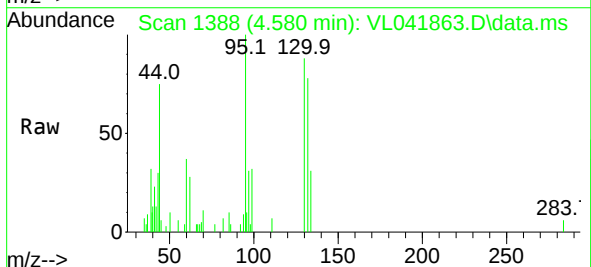
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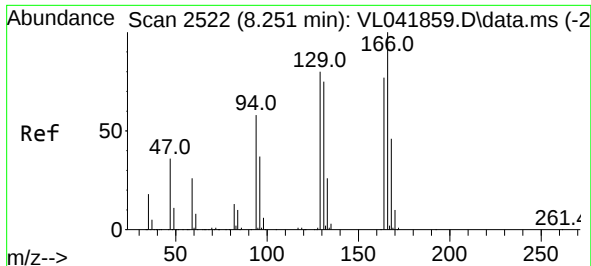
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 0.133 ppbv m
RT: 4.580 min Scan# 1388
Delta R.T. 0.010 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

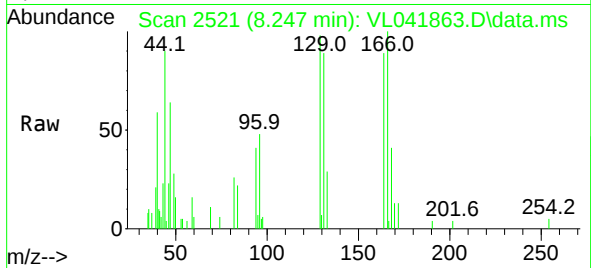
Tgt Ion:130 Resp: 2096
Ion Ratio Lower Upper
130 100
95 113.7 90.1 135.1
132 88.6 71.8 107.8
97 35.5 57.9 86.9





#52
Tetrachloroethene
Concen: 0.176 ppbv m
RT: 8.247 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

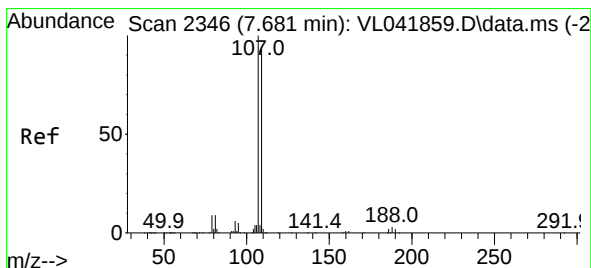
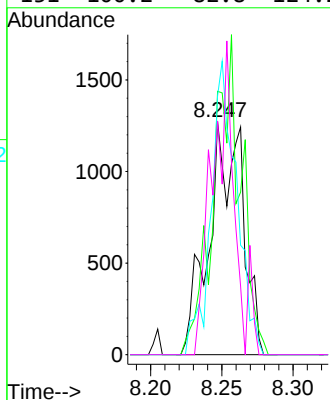
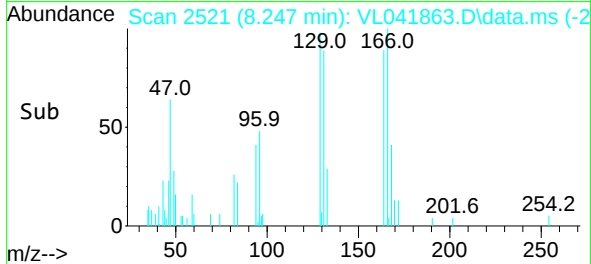
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



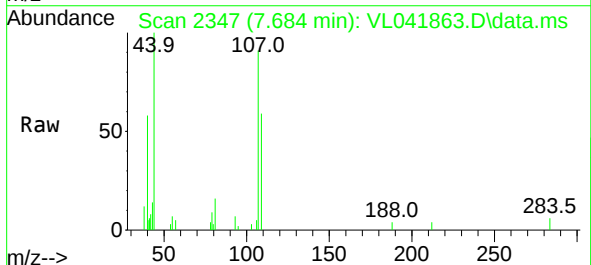
Tgt Ion:164 Resp: 2108
Ion Ratio Lower Upper
164 100
166 113.0 100.4 150.6
129 110.9 85.9 128.9
131 100.2 82.8 124.2

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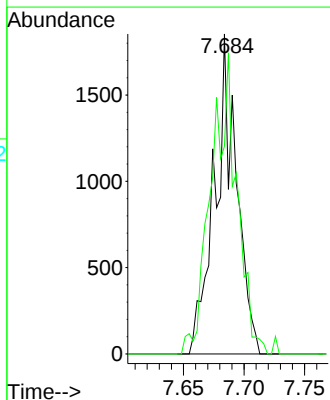
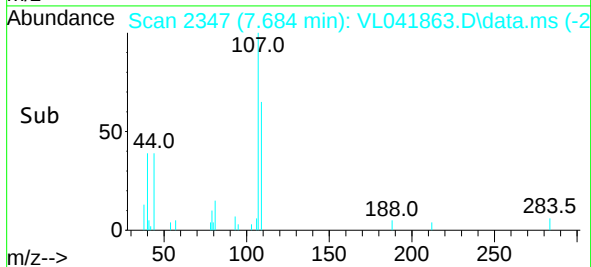
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

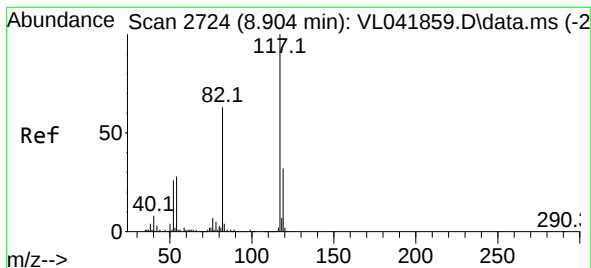


#54
1,2-Dibromoethane
Concen: 0.115 ppbv m
RT: 7.684 min Scan# 2347
Delta R.T. 0.010 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24



Tgt Ion:107 Resp: 2320
Ion Ratio Lower Upper
107 100
109 64.9 75.9 113.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.907 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_L

ClientSampleId :

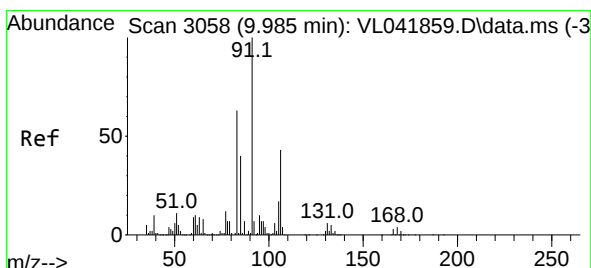
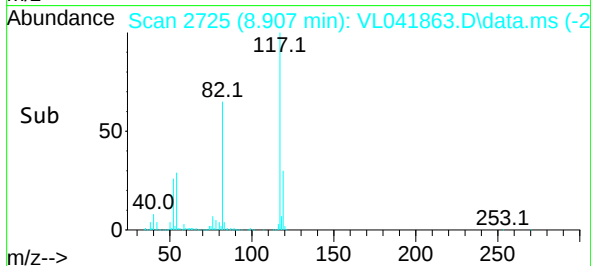
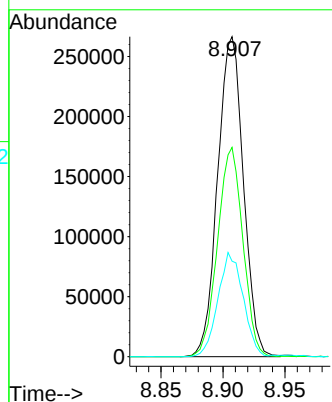
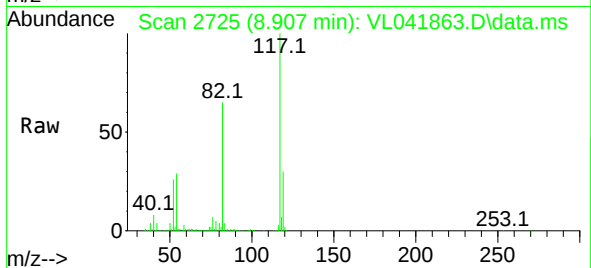
VSTDIC0.1

Tgt Ion:117 Resp: 38690
 Ion Ratio Lower Upper
 117 100
 82 64.3 59.1 88.7
 119 32.3 27.3 40.9

Manual Integrations

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#63

1,1,2,2-Tetrachloroethane

Concen: 0.107 ppbv

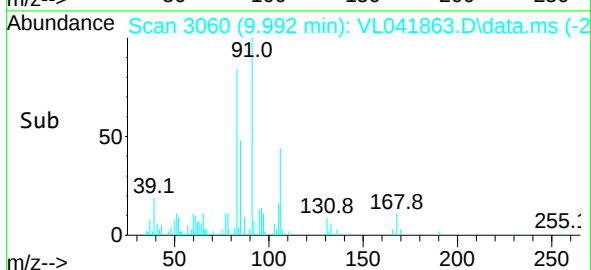
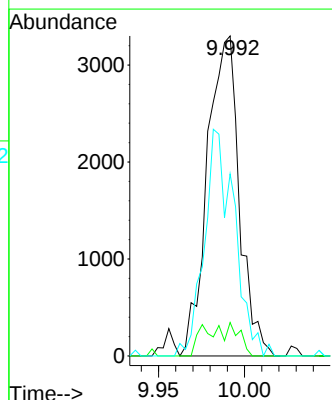
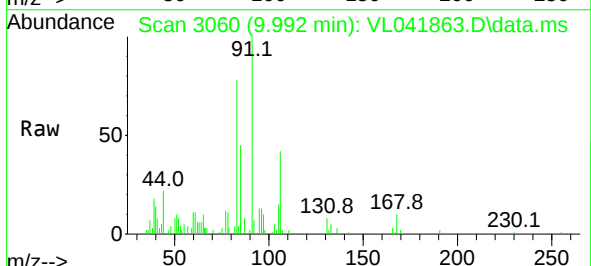
RT: 9.992 min Scan# 3060

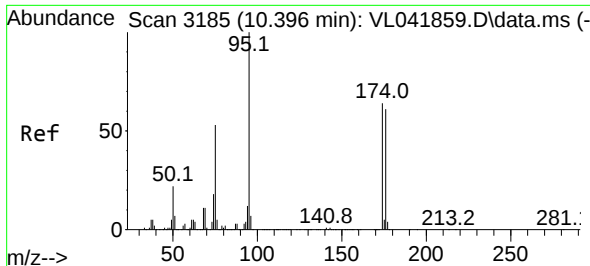
Delta R.T. 0.013 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

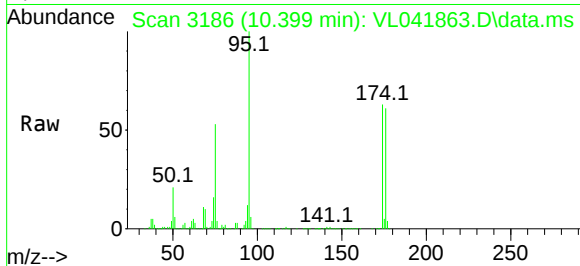
Tgt Ion: 83 Resp: 4264
 Ion Ratio Lower Upper
 83 100
 131 11.0 4.8 14.3
 85 66.7 31.9 95.9





#68
1-Bromo-4-Fluorobenzene
Concen: 9.304 ppbv
RT: 10.399 min Scan# 3185
Delta R.T. 0.010 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

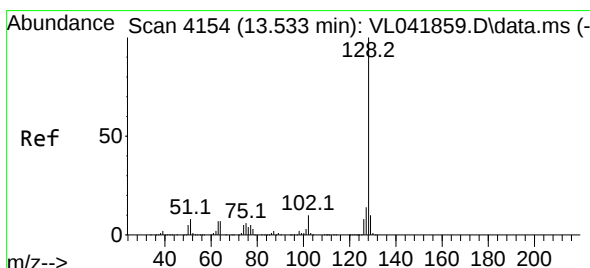
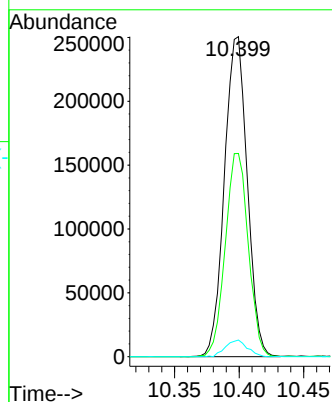
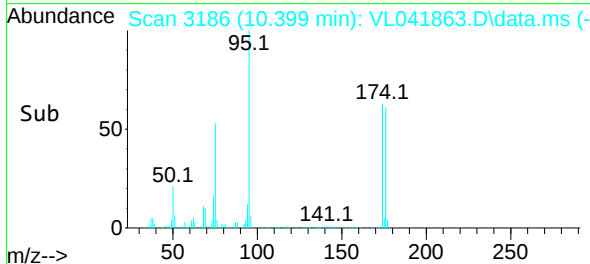
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 95 Resp: 308324
Ion Ratio Lower Upper
95 100
174 64.1 47.6 71.4
175 5.0 3.8 5.6

Manual Integrations
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Supervised By :Semsettin Yesilyurt 01/10/2025



#79
Naphthalene
Concen: 0.199 ppbv
RT: 13.532 min Scan# 4154
Delta R.T. 0.006 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion:128 Resp: 8145
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.1 8.2 12.4

