

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042241.D
 Acq On : 07 Apr 2025 20:19
 Operator : SY/MD
 Sample : Q1725-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B10-1-03312025-SPLITDL

Quant Time: Apr 08 01:35:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/08/2025
 Supervised By :Mahesh Dadoda 04/09/2025

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

Internal Standards						
1) Bromochloromethane	2.800	49	193361	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.978	114	501287	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	435889	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	342674	9.573	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
					Qvalue	
9) Propene	1.492	41	2464	0.184	ppbv	96
13) Ethanol	1.729	45	24715	19.557	ppbv	88
15) Acetone	1.845	43	86496	3.199	ppbv	92
19) Isopropyl Alcohol	1.897	45	27725	1.817	ppbv #	36
20) Methylene Chloride	2.072	84	2831	0.281	ppbv	97
29) Chloroform	2.862	83	10048	0.253	ppbv #	79
34) 2-Butanone	2.573	43	5926	0.163	ppbv	99
52) Tetrachloroethene	8.251	164	1429m	0.073	ppbv	
53) Toluene	6.959	91	18223m	0.309	ppbv	
59) m/p-Xylene	9.548	91	15450m	0.250	ppbv	
60) o-Xylene	9.982	91	7313	0.118	ppbv	96

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

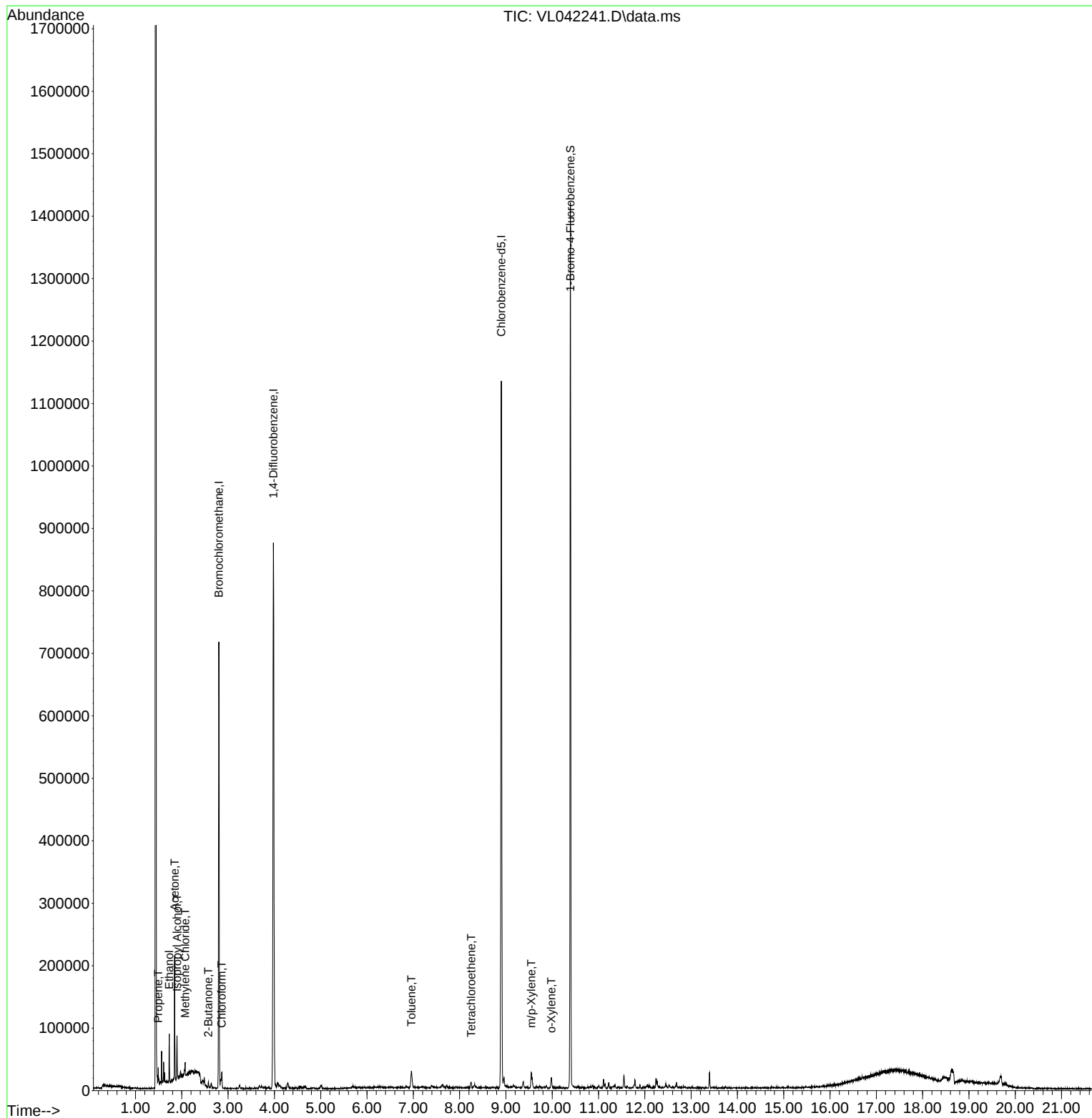
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
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Sample : Q1725-07DL 10X
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Instrument :
MSVOA_L
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SSSG-B10-1-03312025-SPLITDL

Quant Time: Apr 08 01:35:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Manual Integrations
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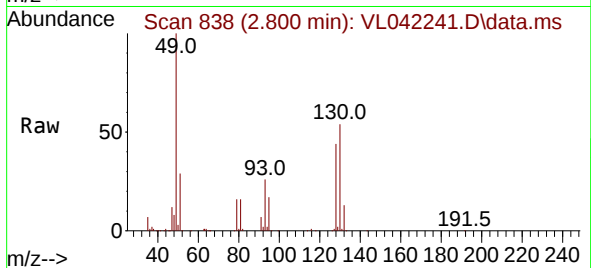
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

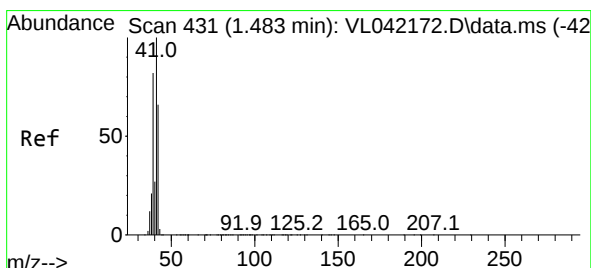
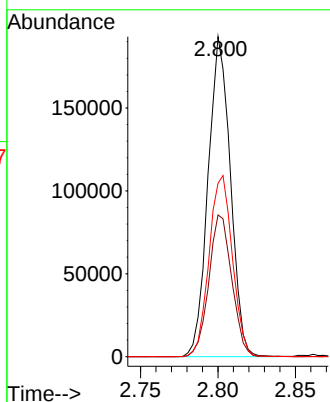
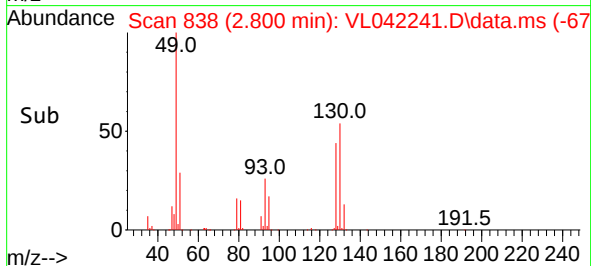
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-1-03312025-SPLITDL



Tgt Ion: 49 Resp: 19336
Ion Ratio Lower Upper
49 100
128 45.7 22.9 68.5
130 59.2 28.8 86.4

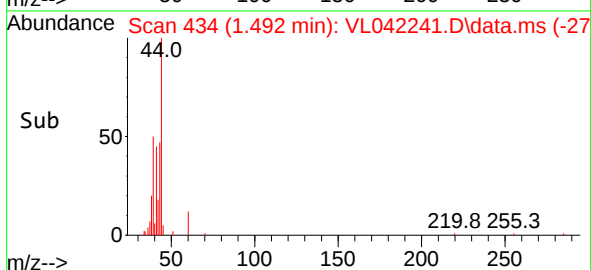
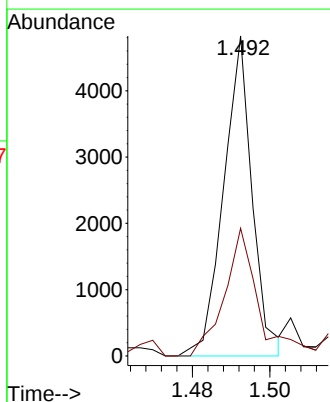
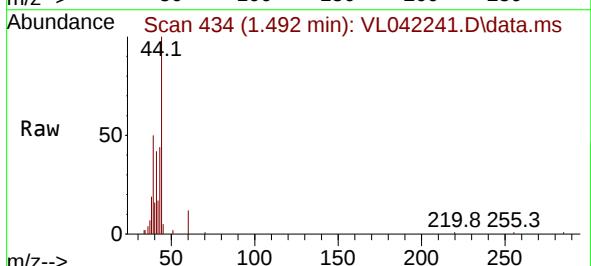
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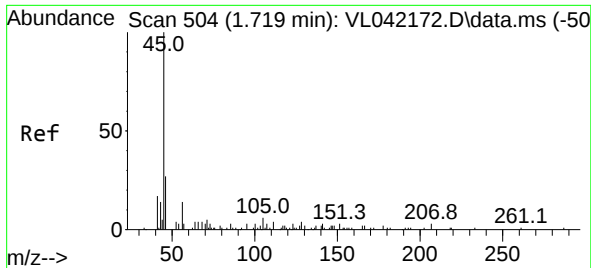
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#9
Propene
Concen: 0.184 ppbv
RT: 1.492 min Scan# 434
Delta R.T. 0.010 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Tgt Ion: 41 Resp: 2464
Ion Ratio Lower Upper
41 100
42 66.0 55.4 83.2





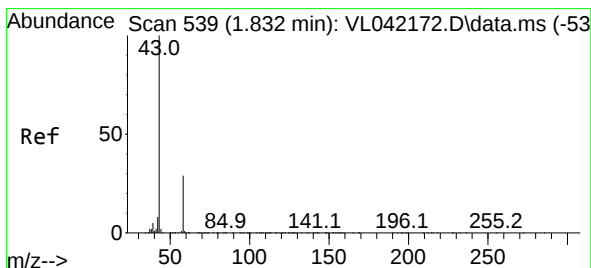
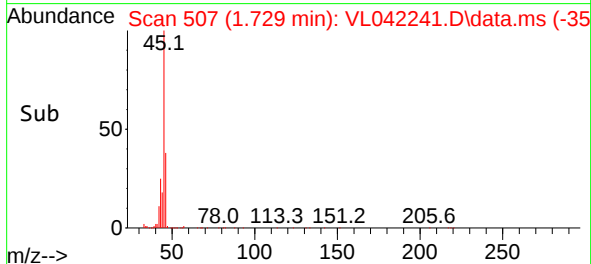
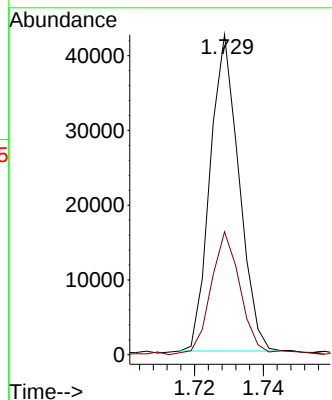
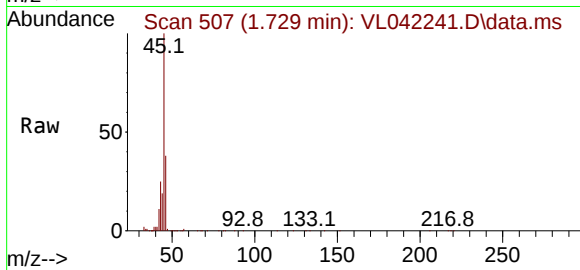
#13
Ethanol
Concen: 19.557 ppbv
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-1-03312025-SPLITDL

Tgt Ion: 45 Resp: 24715
Ion Ratio Lower Upper
45 100
46 42.1 20.2 80.8

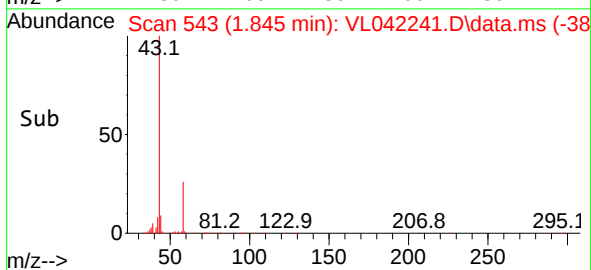
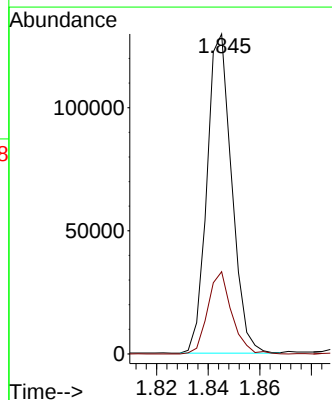
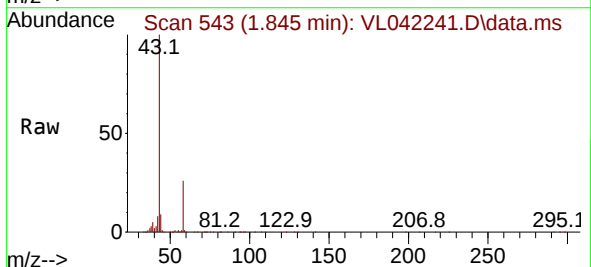
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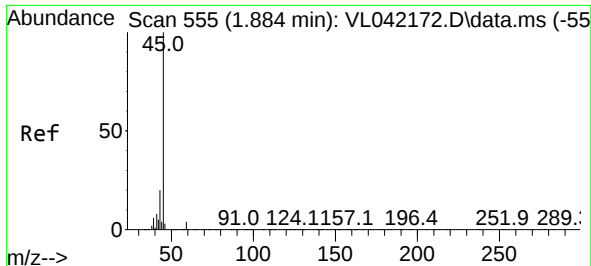
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#15
Acetone
Concen: 3.199 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Tgt Ion: 43 Resp: 86496
Ion Ratio Lower Upper
43 100
58 24.9 23.2 34.8





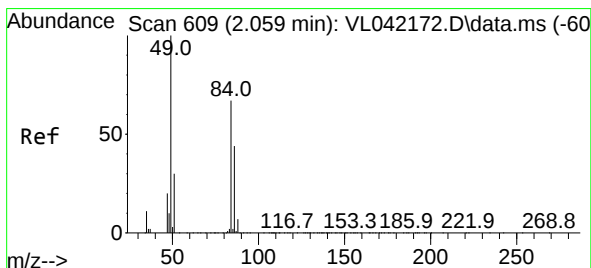
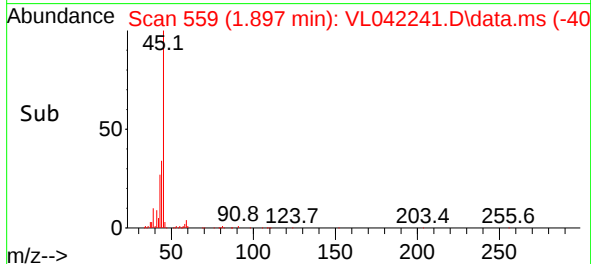
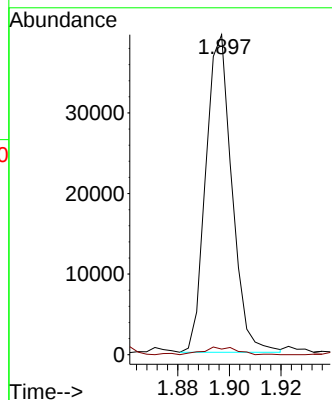
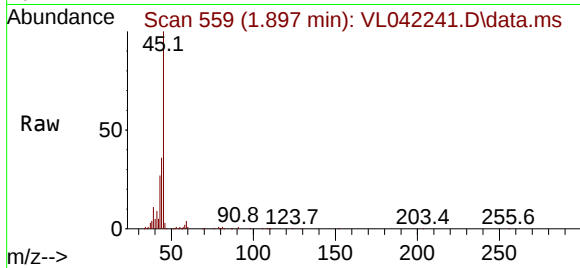
#19
Isopropyl Alcohol
Concen: 1.817 ppbv
RT: 1.897 min Scan# 511
Delta R.T. 0.013 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Instrument : MSVOA_L
ClientSampleId : SSSG-B10-1-03312025-SPLITDL

Tgt Ion: 45 Resp: 27725
Ion Ratio Lower Upper
45 100
58 3.6 36.9 55.3

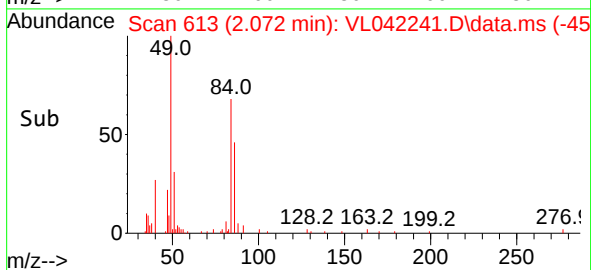
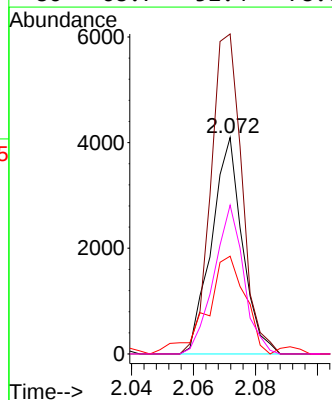
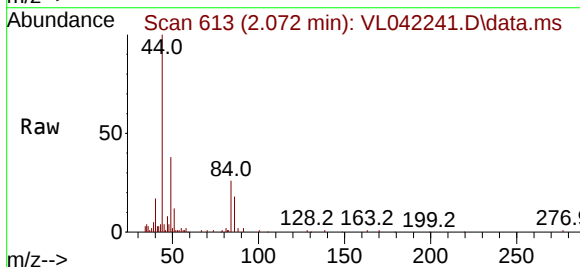
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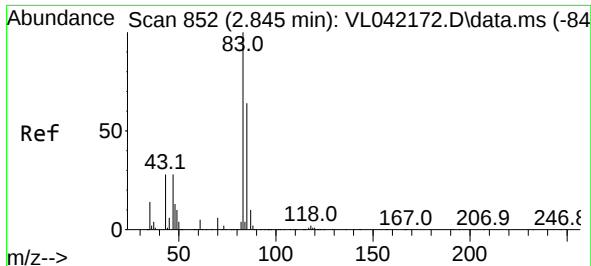
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#20
Methylene Chloride
Concen: 0.281 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Tgt Ion: 84 Resp: 2831
Ion Ratio Lower Upper
84 100
49 147.8 120.2 180.4
51 42.5 37.4 56.0
86 68.7 52.4 78.6





#29

Chloroform

Concen: 0.253 ppbv

RT: 2.862 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL042241.D

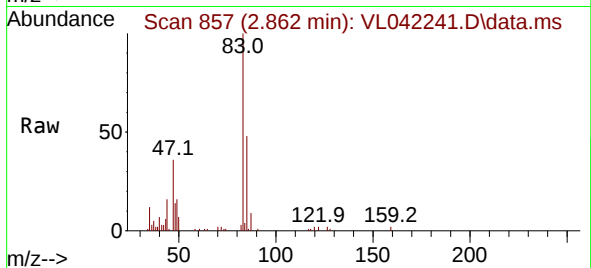
Acq: 07 Apr 2025 20:19

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B10-1-03312025-SPLITDL



Tgt Ion: 83 Resp: 1004

Ion Ratio Lower Upper

83 100

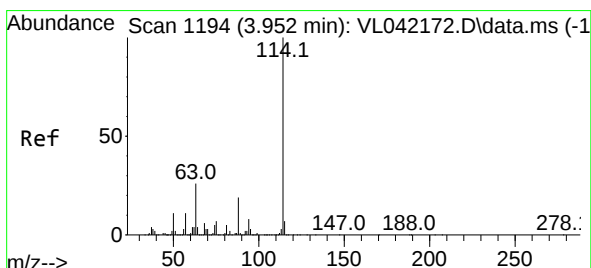
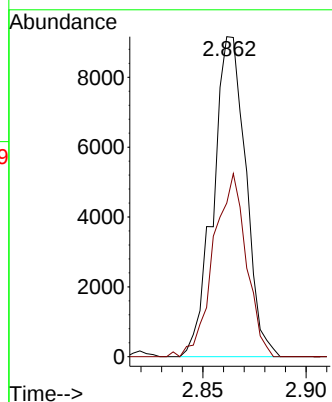
85 48.0 51.4 77.2

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Supervised By :Mahesh Dadoda 04/09/2025



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 1202

Delta R.T. 0.026 min

Lab File: VL042241.D

Acq: 07 Apr 2025 20:19

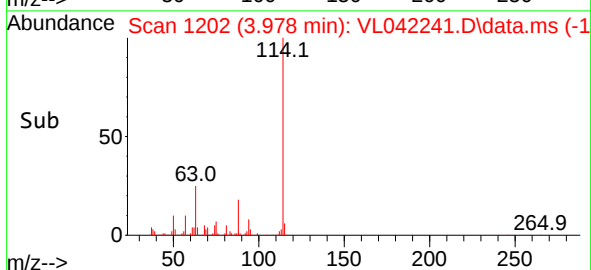
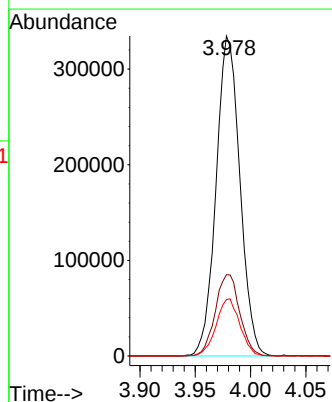
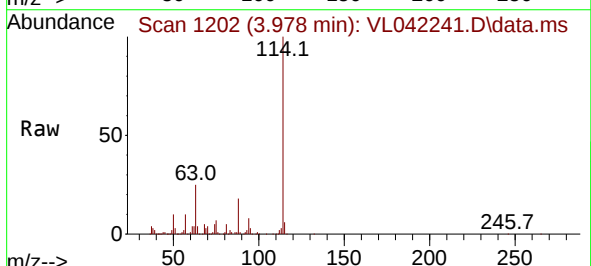
Tgt Ion:114 Resp: 501287

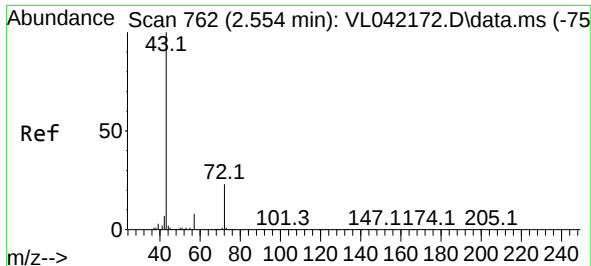
Ion Ratio Lower Upper

114 100

63 26.2 20.7 31.1

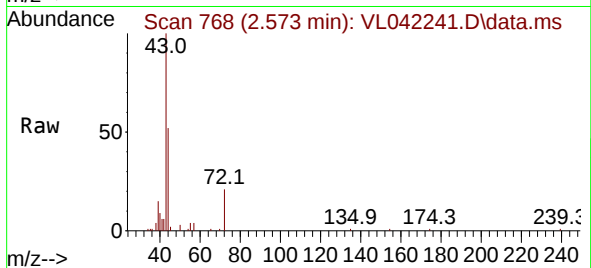
88 17.8 15.0 22.4





#34
2-Butanone
Concen: 0.163 ppbv
RT: 2.573 min Scan# 70
Delta R.T. 0.019 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

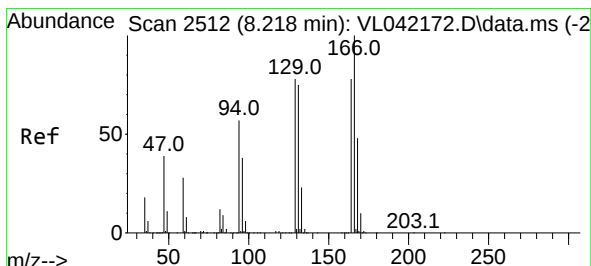
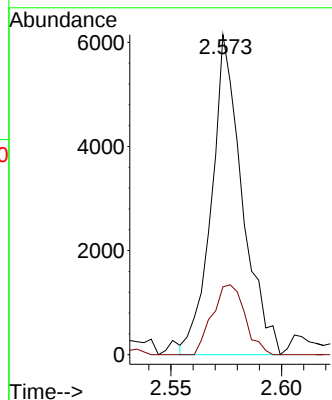
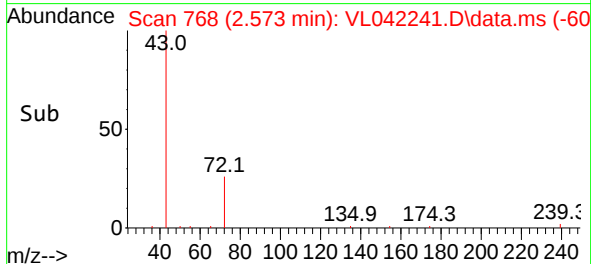
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-1-03312025-SPLITDL



Tgt Ion: 43 Resp: 5920
Ion Ratio Lower Upper
43 100
72 23.2 18.2 27.2

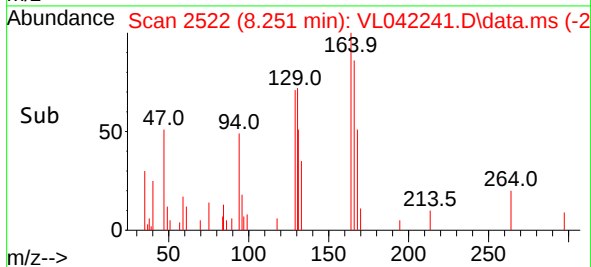
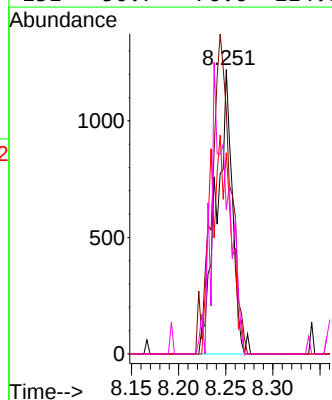
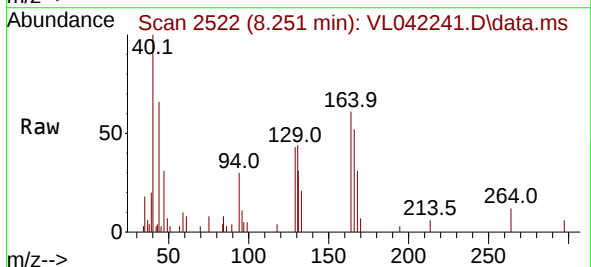
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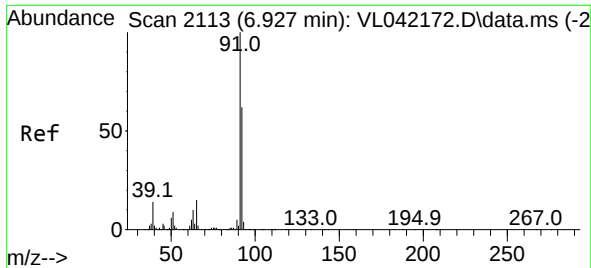
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#52
Tetrachloroethene
Concen: 0.073 ppbv m
RT: 8.251 min Scan# 2522
Delta R.T. 0.032 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Tgt Ion:164 Resp: 1429
Ion Ratio Lower Upper
164 100
166 85.9 102.5 153.7#
129 70.7 79.8 119.8#
131 50.7 76.6 114.8#





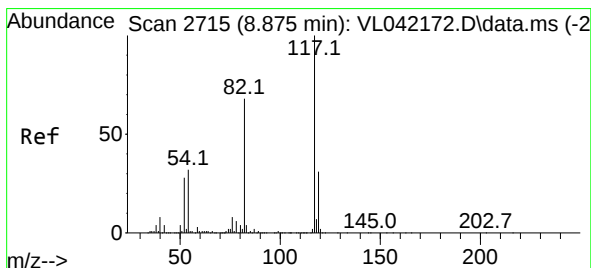
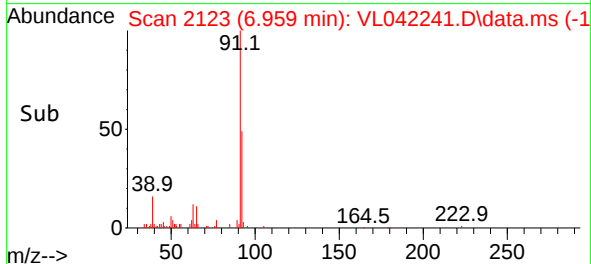
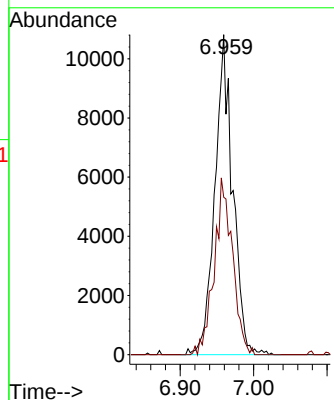
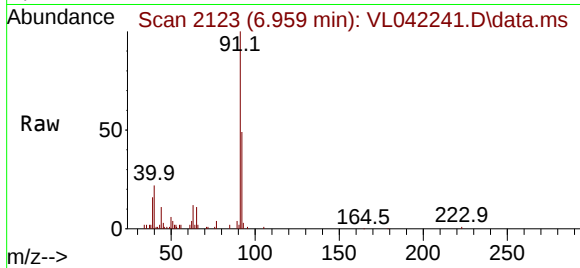
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Toluene
Concen: 0.309 ppbv m
RT: 6.959 min Scan# 2113
Delta R.T. 0.032 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-1-03312025-SPLITDL

Tgt Ion: 91 Resp: 1822
Ion Ratio Lower Upper
91 100
92 0.0 48.4 72.6

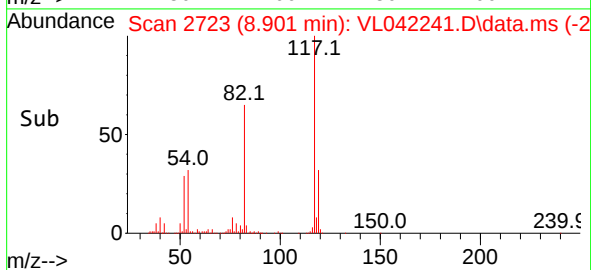
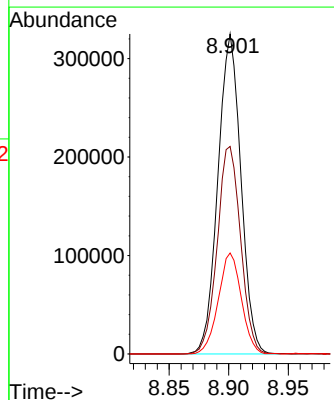
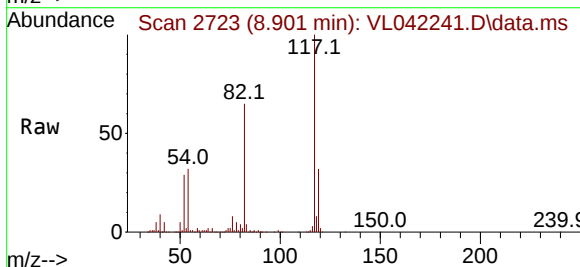
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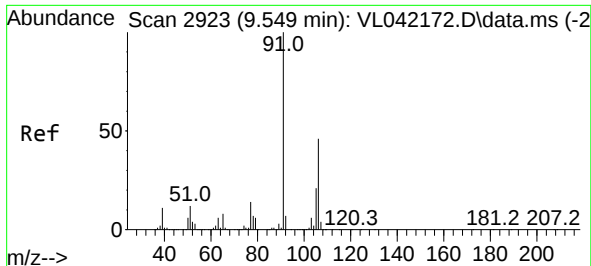
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.026 min
Lab File: VL042241.D
Acq: 07 Apr 2025 20:19

Tgt Ion:117 Resp: 435889
Ion Ratio Lower Upper
117 100
82 65.9 55.8 83.6
119 31.6 25.5 38.3





#59

m/p-Xylene

Concen: 0.250 ppbv m

RT: 9.548 min Scan# 2923

Delta R.T. -0.000 min

Lab File: VL042241.D

Acq: 07 Apr 2025 20:19

Instrument :

MSVOA_L

ClientSampleId :

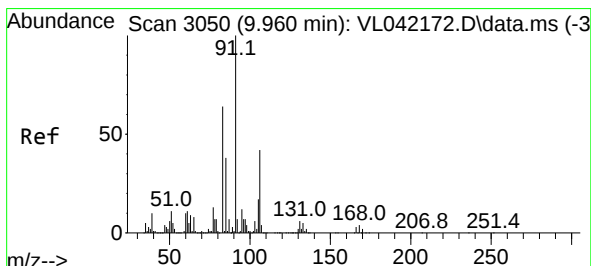
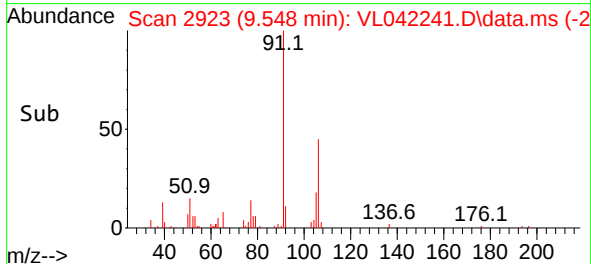
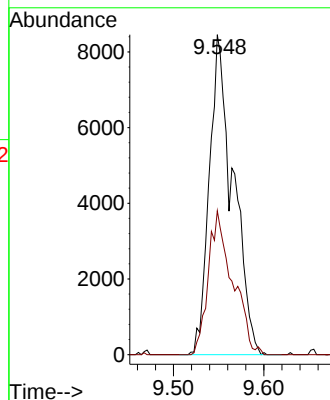
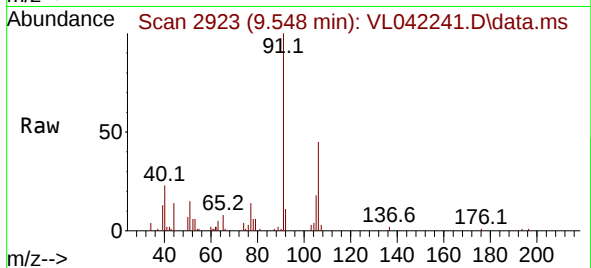
SSSG-B10-1-03312025-SPLITDL

Tgt Ion: 91 Resp: 15450
 Ion Ratio Lower Upper
 91 100
 106 0.0 36.4 54.6

Manual Integrations

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 Supervised By :Mahesh Dadoda 04/09/2025



#60

o-Xylene

Concen: 0.118 ppbv

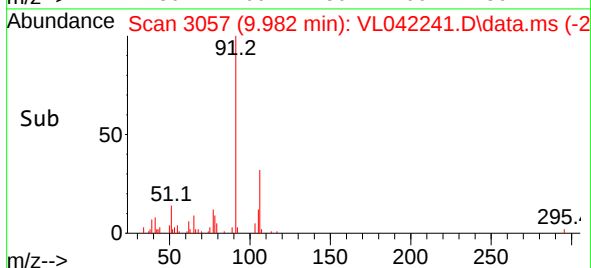
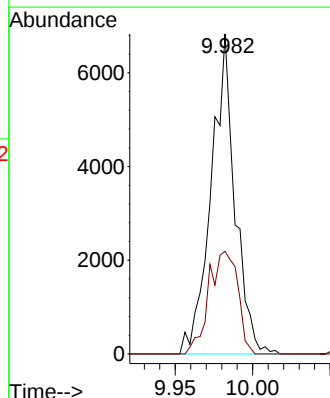
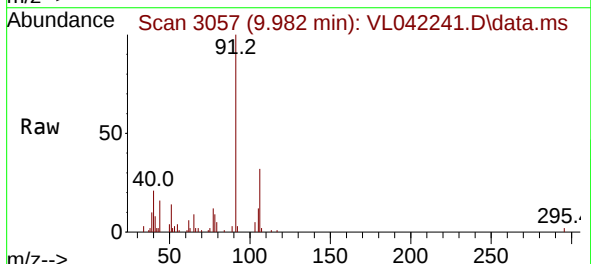
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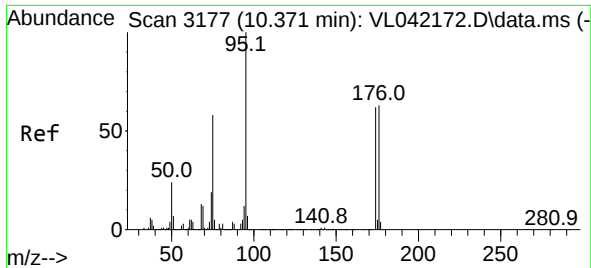
Delta R.T. 0.023 min

Lab File: VL042241.D

Acq: 07 Apr 2025 20:19

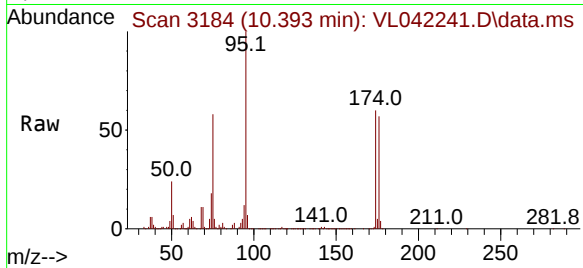
Tgt Ion: 91 Resp: 7313
 Ion Ratio Lower Upper
 91 100
 106 39.0 20.8 62.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.573 ppbv
 RT: 10.393 min Scan# 3177
 Delta R.T. 0.023 min
 Lab File: VL042241.D
 Acq: 07 Apr 2025 20:19

Instrument : MSVOA_L
 ClientSampleId : SSSG-B10-1-03312025-SPLITDL



Tgt Ion: 95 Resp: 342674
 Ion Ratio Lower Upper
 95 100
 174 59.7 50.6 76.0
 175 4.7 3.8 5.6

Manual Integrations
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