

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042242.D
 Acq On : 07 Apr 2025 20:50
 Operator : SY/MD
 Sample : Q1725-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B10-2-03312025DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 01:36:11 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	195591	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	504388	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	437623	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	344678	9.591	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
9) Propene	1.496	41	9990m	0.739	ppbv	
13) Ethanol	1.729	45	465996	364.544	ppbv	82
15) Acetone	1.845	43	430696	15.745	ppbv	94
17) tert-Butyl alcohol	2.059	59	4197	0.123	ppbv #	75
19) Isopropyl Alcohol	1.894	45	776357	50.302	ppbv #	32
20) Methylene Chloride	2.072	84	2050	0.201	ppbv #	67
29) Chloroform	2.865	83	6239	0.155	ppbv	94
34) 2-Butanone	2.573	43	69515	1.901	ppbv	100
52) Tetrachloroethene	8.244	164	6416m	0.324	ppbv	
53) Toluene	6.969	91	10449m	0.176	ppbv	
59) m/p-Xylene	9.552	91	9982m	0.161	ppbv	

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

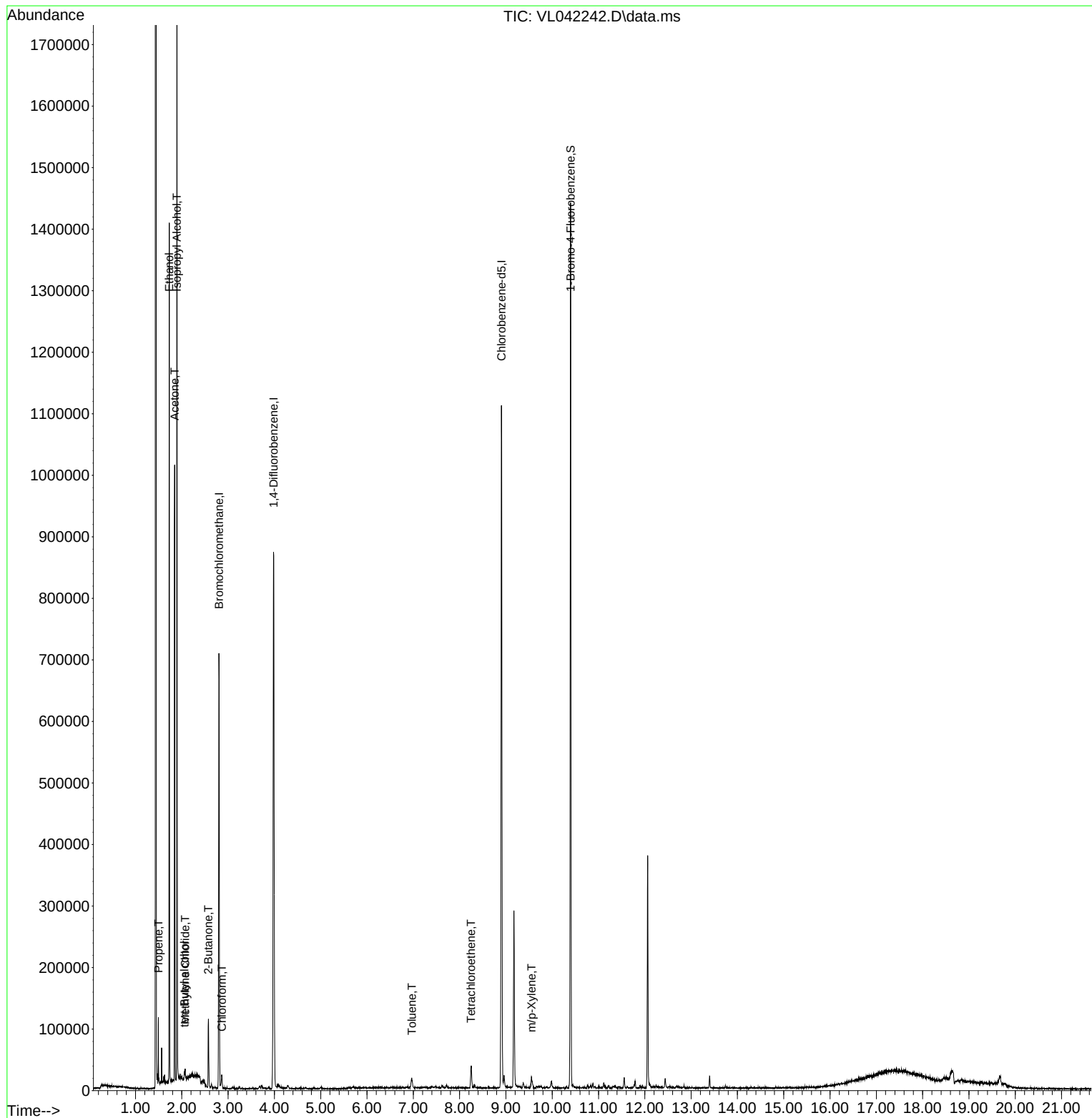
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
Data File : VL042242.D
Acq On : 07 Apr 2025 20:50
Operator : SY/MD
Sample : Q1725-08DL 10X
Misc : 400mL/MSVOA_L
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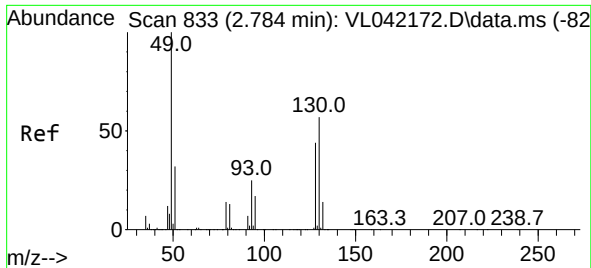
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL

Quant Time: Apr 08 01:36:11 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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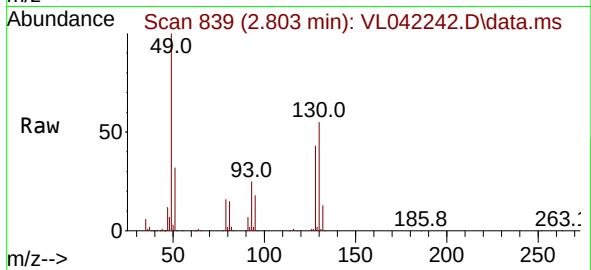
Reviewed By : Semsettin Yesilyurt 04/08/2025
Supervised By : Mahesh Dadoda 04/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

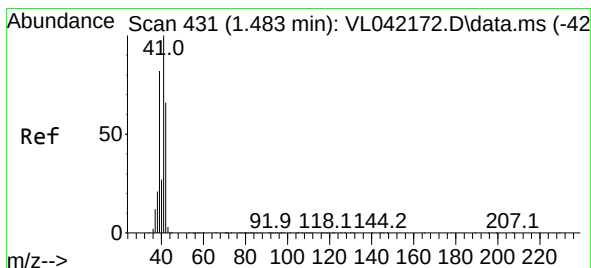
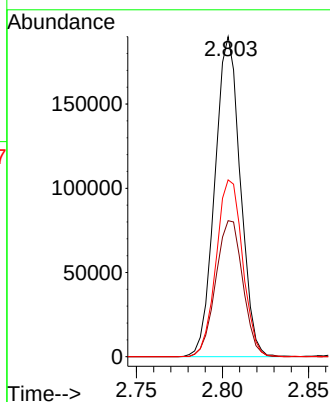
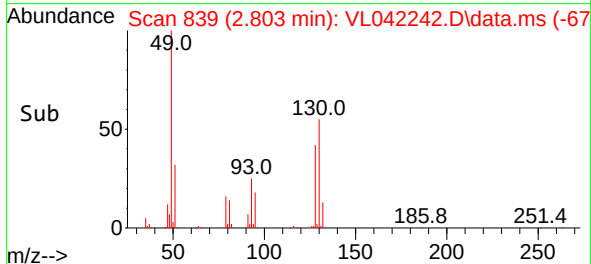
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



Tgt Ion: 49 Resp: 19559
Ion Ratio Lower Upper
49 100
128 45.2 22.9 68.5
130 57.4 28.8 86.4

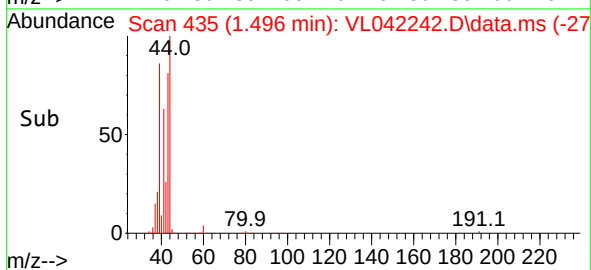
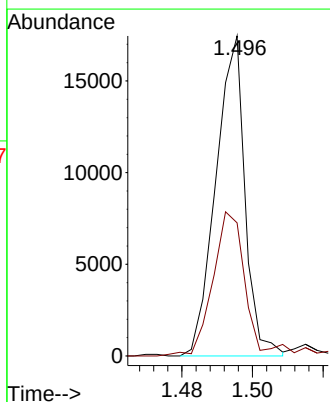
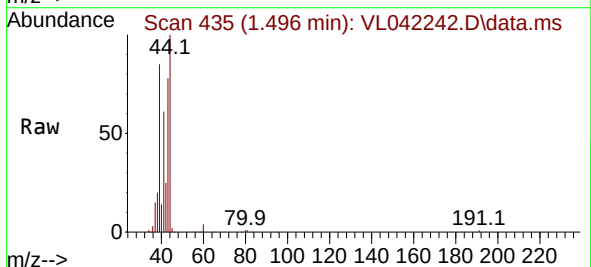
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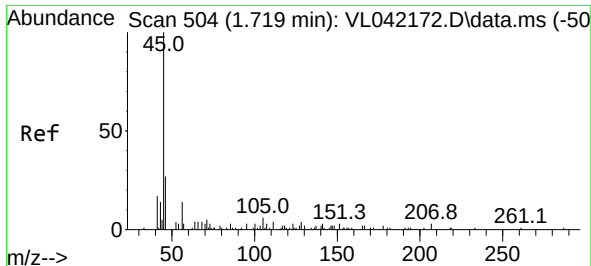
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#9
Propene
Concen: 0.739 ppbv m
RT: 1.496 min Scan# 435
Delta R.T. 0.013 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

Tgt Ion: 41 Resp: 9990
Ion Ratio Lower Upper
41 100
42 456.1 55.4 83.2#





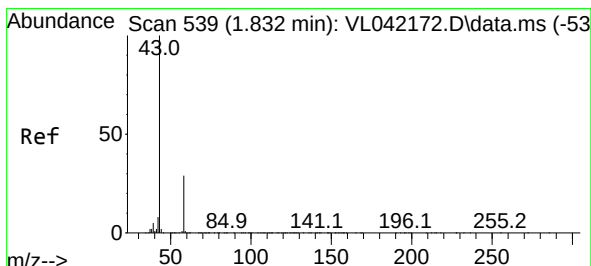
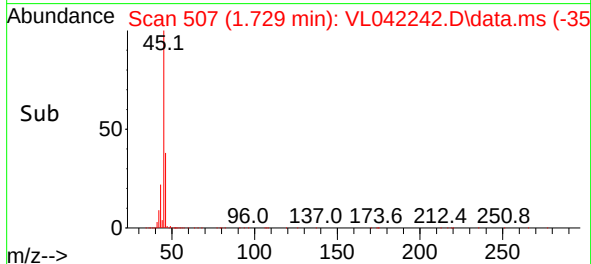
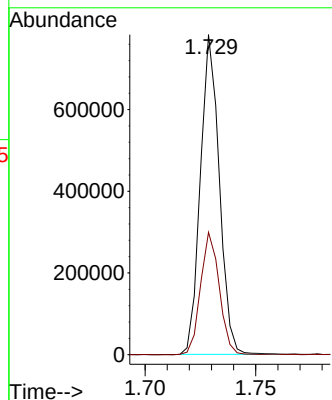
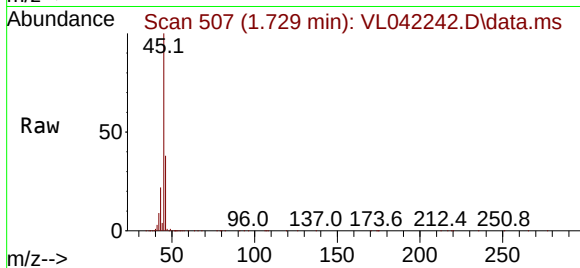
#13
Ethanol
Concen: 364.544 ppbv
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL

Tgt Ion: 45 Resp: 465990
Ion Ratio Lower Upper
45 100
46 38.2 20.2 80.8

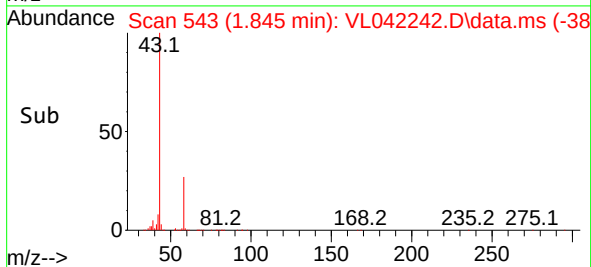
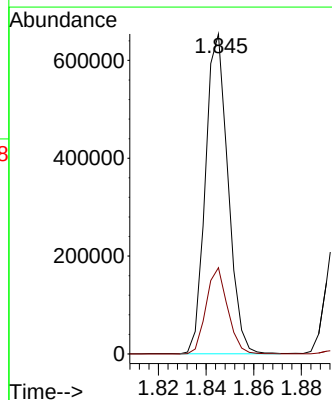
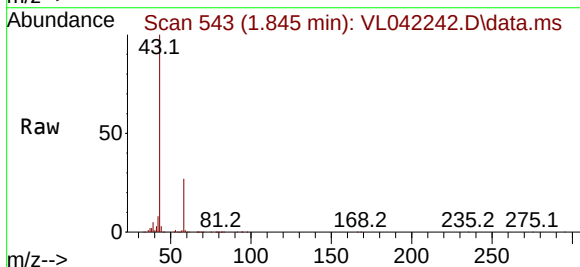
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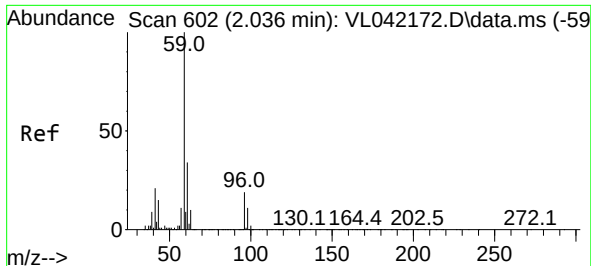
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#15
Acetone
Concen: 15.745 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

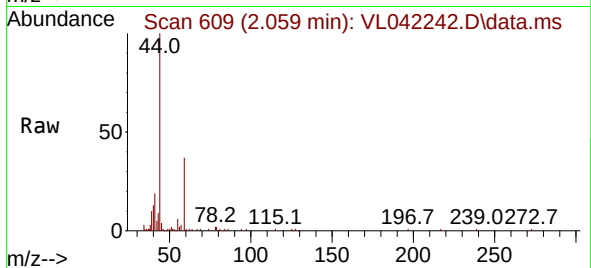
Tgt Ion: 43 Resp: 430696
Ion Ratio Lower Upper
43 100
58 25.9 23.2 34.8





#17
tert-Butyl alcohol
Concen: 0.123 ppbv
RT: 2.059 min Scan# 602
Delta R.T. 0.023 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

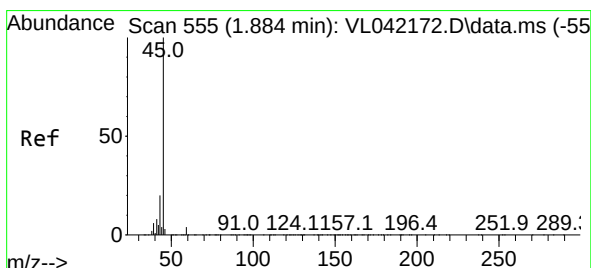
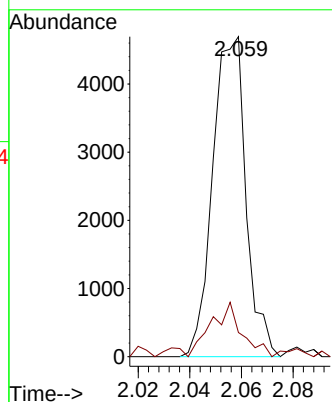
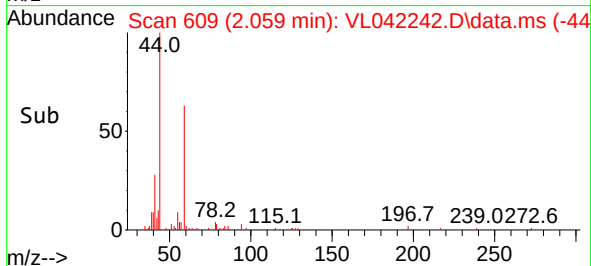
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



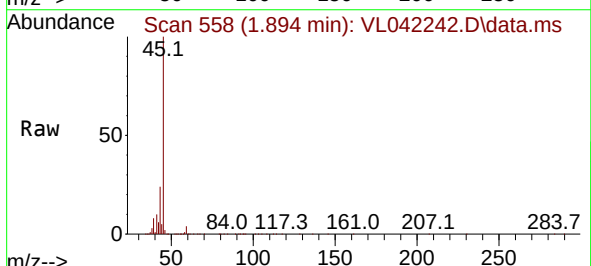
Tgt Ion: 59 Resp: 419
Ion Ratio Lower Upper
59 100
57 20.5 8.9 13.3

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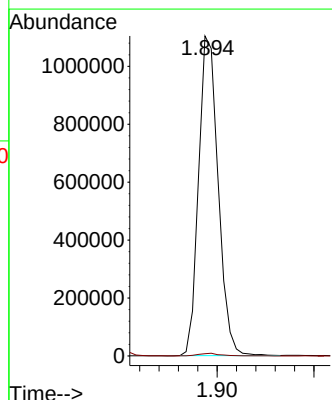
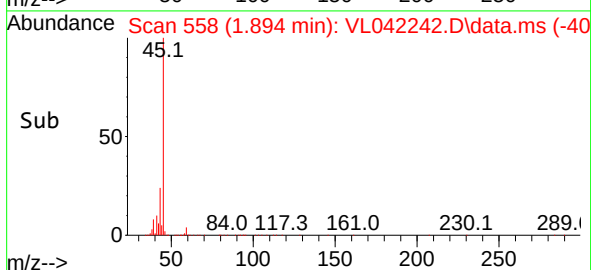
Reviewed By :Semsettin Yesilyurt 04/08/2025
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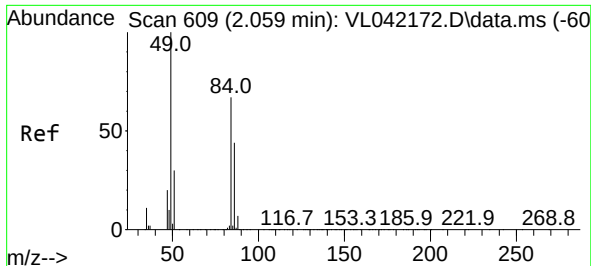


#19
Isopropyl Alcohol
Concen: 50.302 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.010 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50



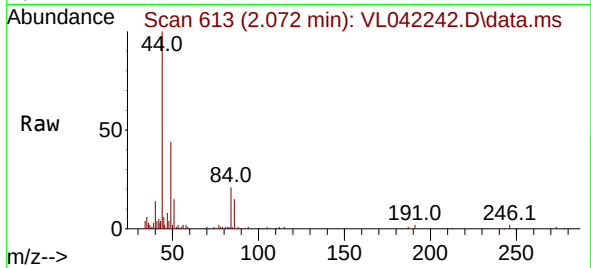
Tgt Ion: 45 Resp: 776357
Ion Ratio Lower Upper
45 100
58 1.0 36.9 55.3





#20
Methylene Chloride
Concen: 0.201 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

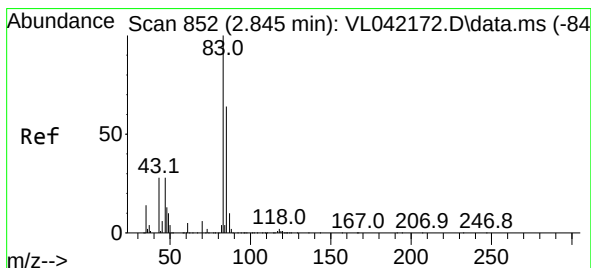
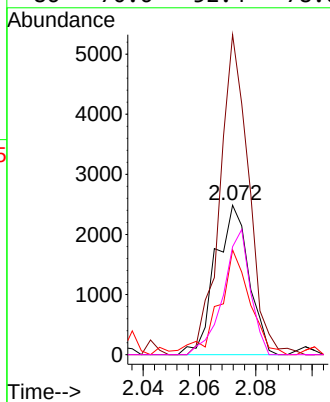
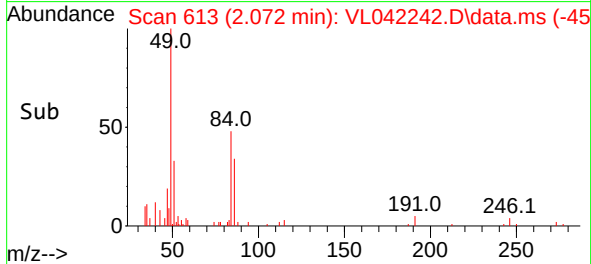
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



Tgt Ion: 84 Resp: 2050
Ion Ratio Lower Upper
84 100
49 209.0 120.2 180.4
51 65.6 37.4 56.0
86 70.6 52.4 78.6

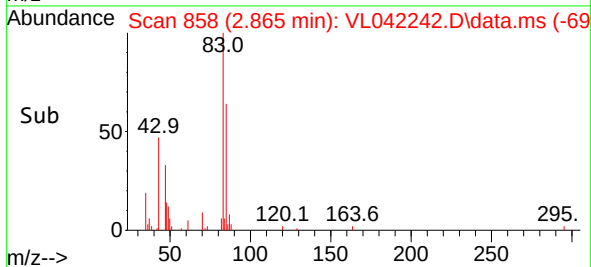
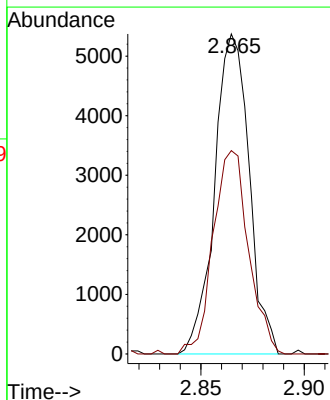
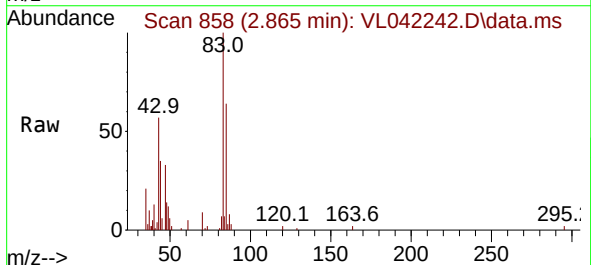
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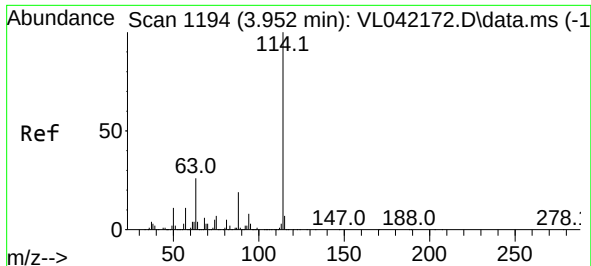
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#29
Chloroform
Concen: 0.155 ppbv
RT: 2.865 min Scan# 858
Delta R.T. 0.019 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

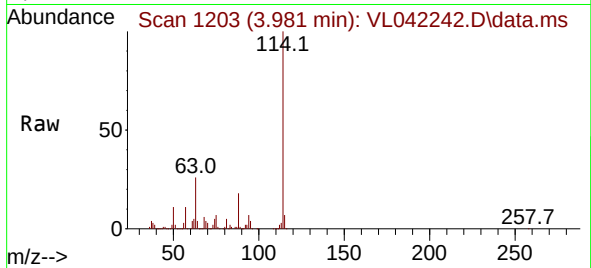
Tgt Ion: 83 Resp: 6239
Ion Ratio Lower Upper
83 100
85 59.5 51.4 77.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1194
Delta R.T. 0.029 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

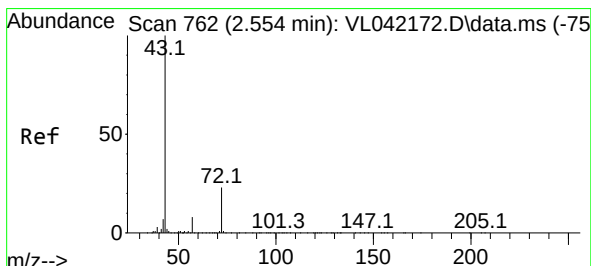
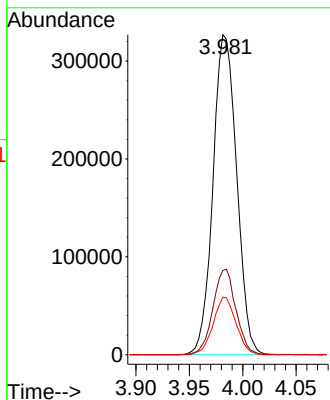
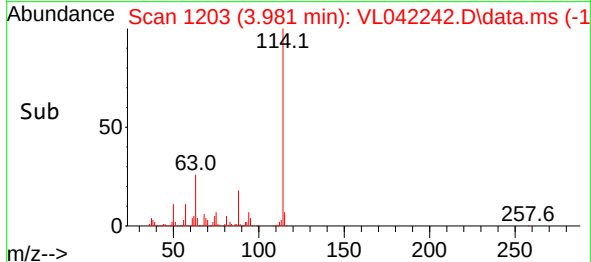
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



Tgt Ion:114 Resp: 50438
Ion Ratio Lower Upper
114 100
63 26.0 20.7 31.1
88 17.3 15.0 22.4

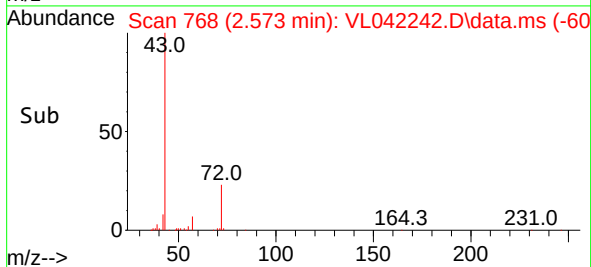
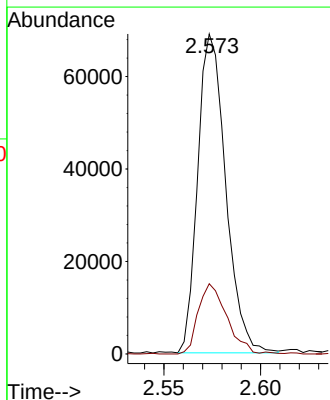
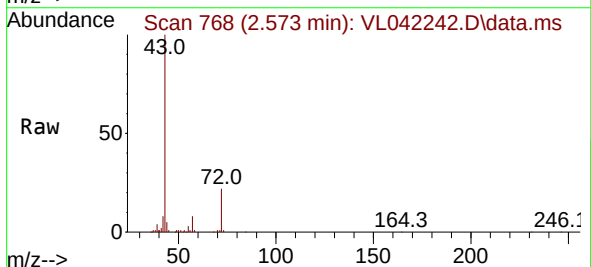
Manual Integrations
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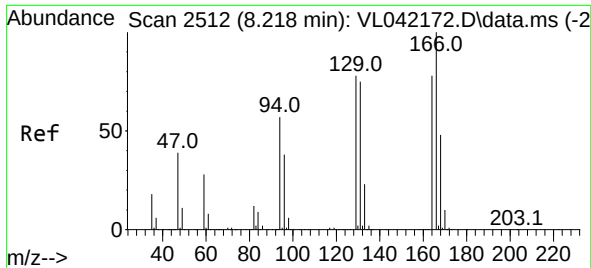
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#34
2-Butanone
Concen: 1.901 ppbv
RT: 2.573 min Scan# 768
Delta R.T. 0.019 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

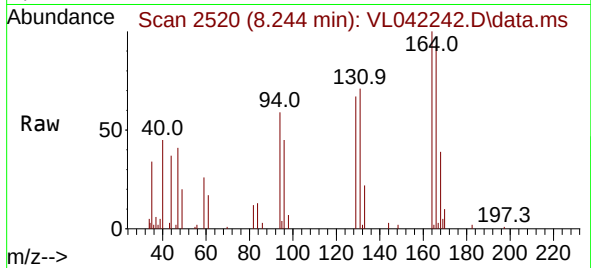
Tgt Ion: 43 Resp: 69515
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.2





#52
Tetrachloroethene
Concen: 0.324 ppbv m
RT: 8.244 min Scan# 2126
Delta R.T. 0.026 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

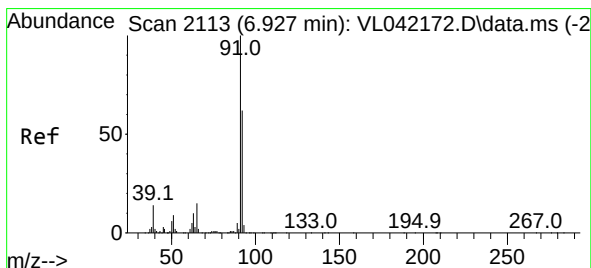
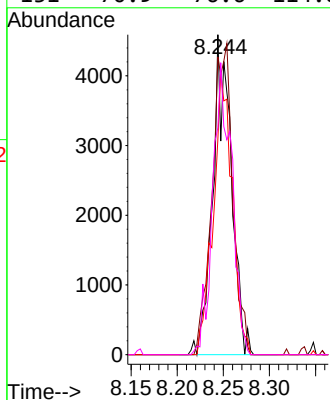
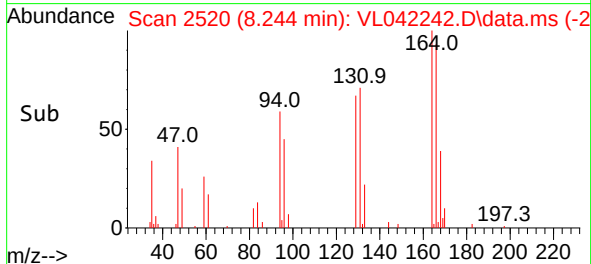
Instrument : MSVOA_L
ClientSampleId : SSSG-B10-2-03312025DL



Tgt Ion:164 Resp: 6410
Ion Ratio Lower Upper
164 100
166 93.1 102.5 153.7
129 67.4 79.8 119.8
131 70.9 76.6 114.8

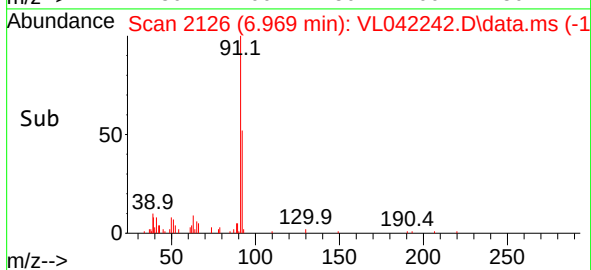
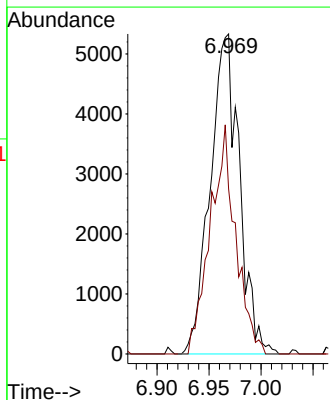
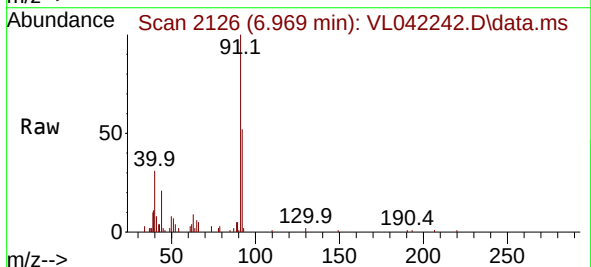
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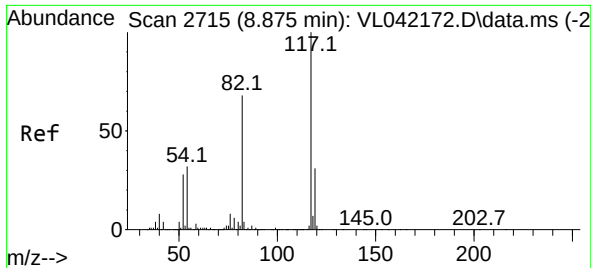
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#53
Toluene
Concen: 0.176 ppbv m
RT: 6.969 min Scan# 2126
Delta R.T. 0.042 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

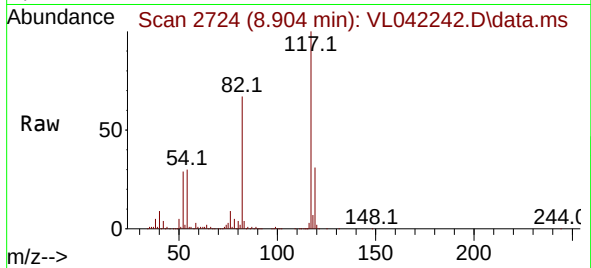
Tgt Ion: 91 Resp: 10449
Ion Ratio Lower Upper
91 100
92 0.0 48.4 72.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2715
Delta R.T. 0.029 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

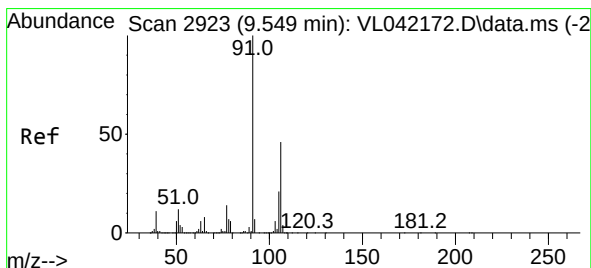
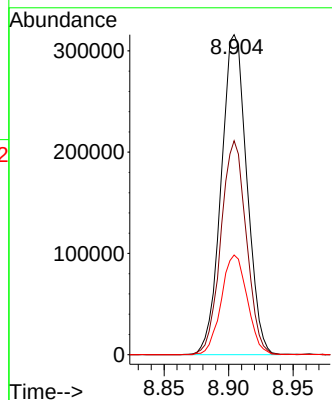
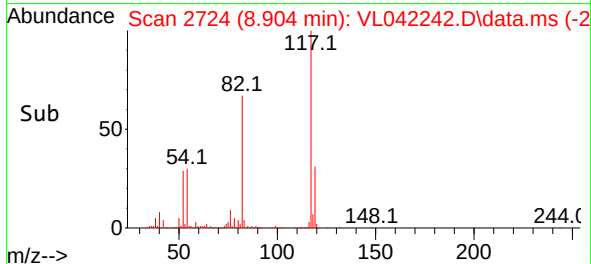
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



Tgt Ion: 117 Resp: 43762
Ion Ratio Lower Upper
117 100
82 66.0 55.8 83.6
119 31.6 25.5 38.3

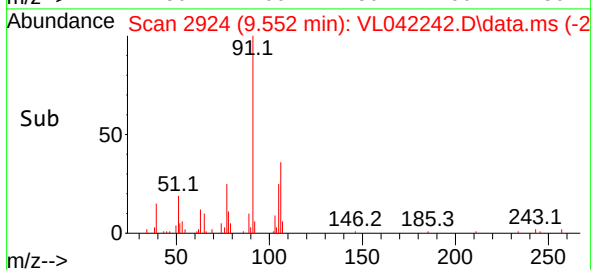
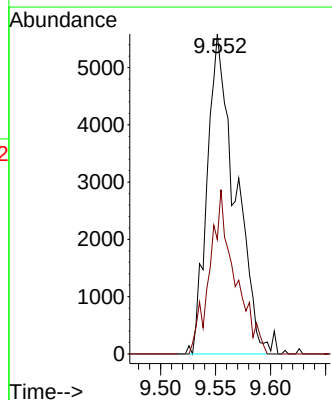
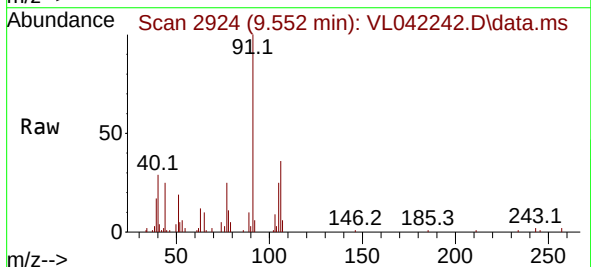
Manual Integrations
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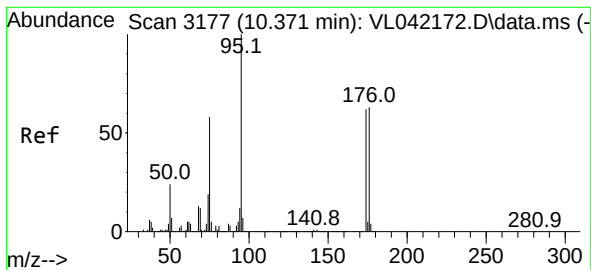
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#59
m/p-Xylene
Concen: 0.161 ppbv m
RT: 9.552 min Scan# 2924
Delta R.T. 0.003 min
Lab File: VL042242.D
Acq: 07 Apr 2025 20:50

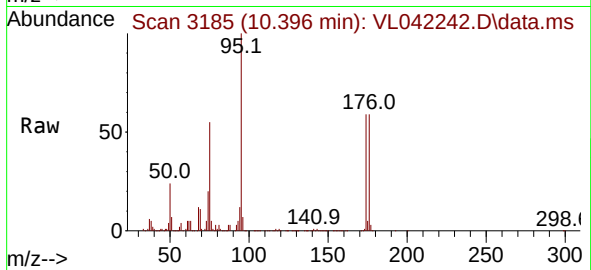
Tgt Ion: 91 Resp: 9982
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.591 ppbv
 RT: 10.396 min Scan# 3177
 Delta R.T. 0.026 min
 Lab File: VL042242.D
 Acq: 07 Apr 2025 20:50

Instrument : MSVOA_L
 ClientSampleId : SSSG-B10-2-03312025DL



Tgt Ion: 95 Resp: 344678
 Ion Ratio Lower Upper
 95 100
 174 59.8 50.6 76.0
 175 4.4 3.8 5.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
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