

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042251.D
 Acq On : 08 Apr 2025 01:48
 Operator : SY/MD
 Sample : Q1725-08DL 40X
 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 04:49:19 2025

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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	194708	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.985	114	494678	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.907	117	424907	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	324876	9.310	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.100%
Target Compounds						
					Qvalue	
9) Propene	1.496	41	2943	0.219	ppbv	100
13) Ethanol	1.732	45	119090	93.585	ppbv	81
15) Acetone	1.845	43	109482	4.020	ppbv	96
19) Isopropyl Alcohol	1.897	45	196635	12.798	ppbv #	33
20) Methylene Chloride	2.072	84	1654	0.163	ppbv #	92
34) 2-Butanone	2.577	43	18789	0.524	ppbv	94
52) Tetrachloroethene	8.250	164	1481m	0.076	ppbv	

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

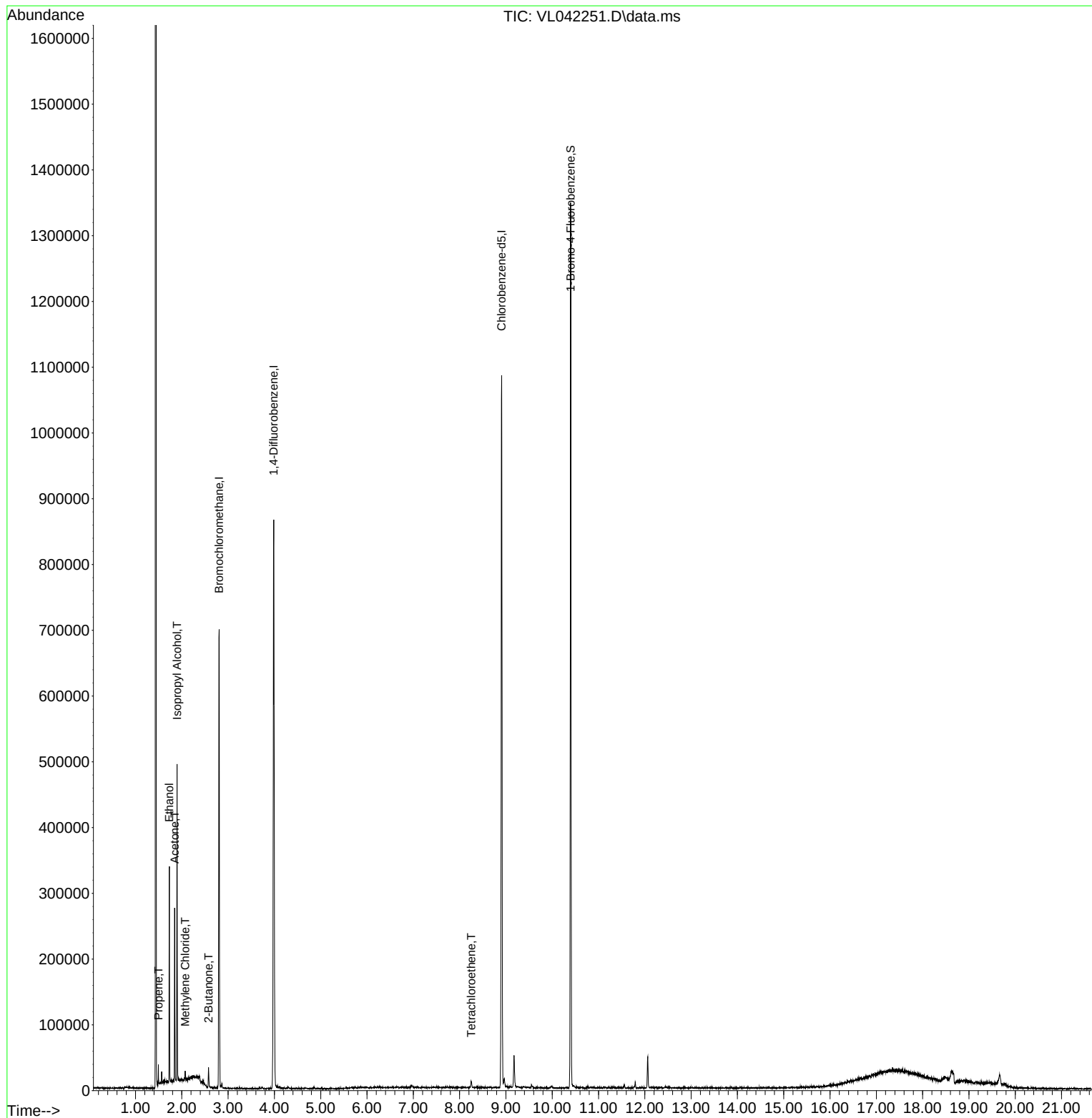
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
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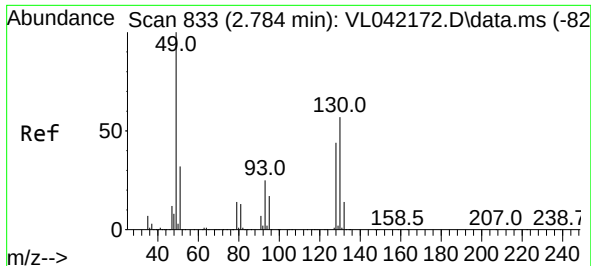
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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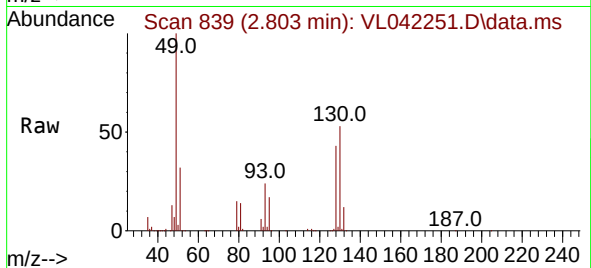
Reviewed By : Semsettin Yesilyurt 04/08/2025
Supervised By : Mahesh Dadoda 04/09/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48

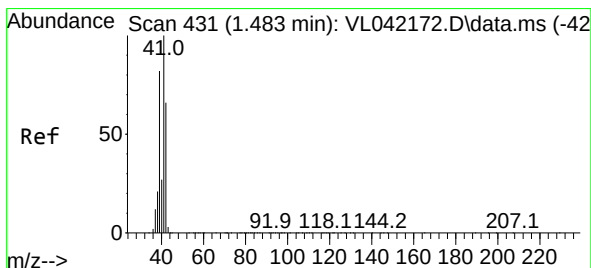
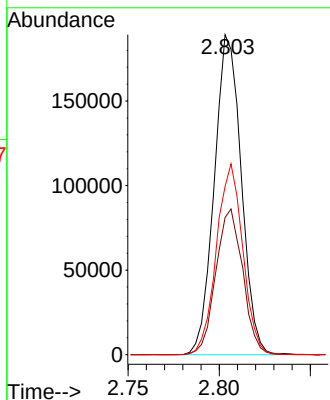
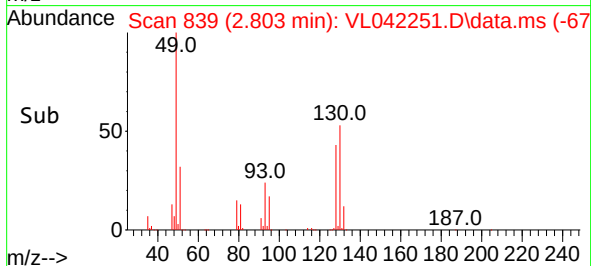
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



Tgt Ion: 49 Resp: 194708
Ion Ratio Lower Upper
49 100
128 45.4 22.9 68.5
130 58.3 28.8 86.4

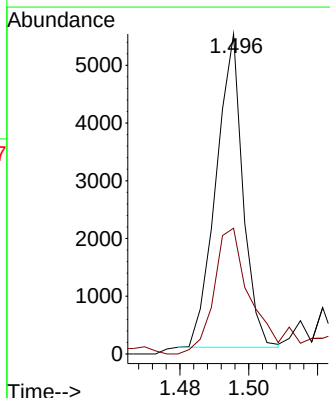
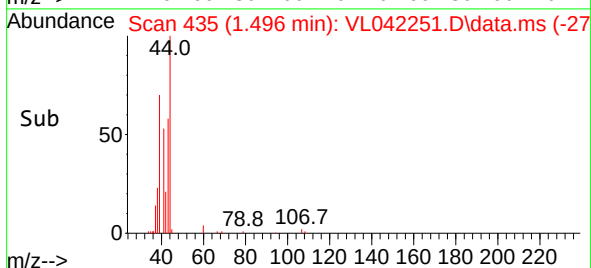
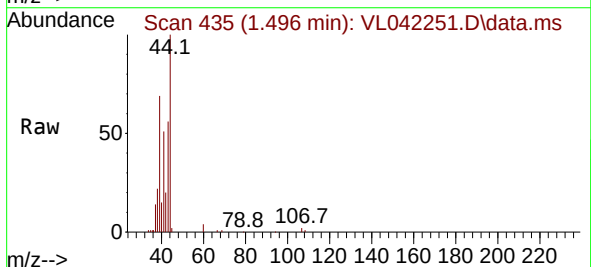
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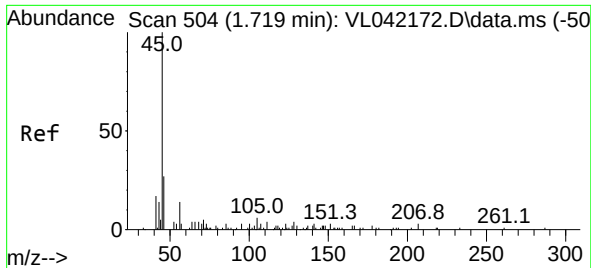
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#9
Propene
Concen: 0.219 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.013 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48

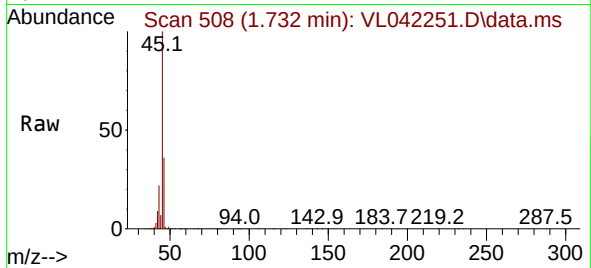
Tgt Ion: 41 Resp: 2943
Ion Ratio Lower Upper
41 100
42 69.3 55.4 83.2





#13
Ethanol
Concen: 93.585 ppbv
RT: 1.732 min Scan# 508
Delta R.T. 0.013 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48

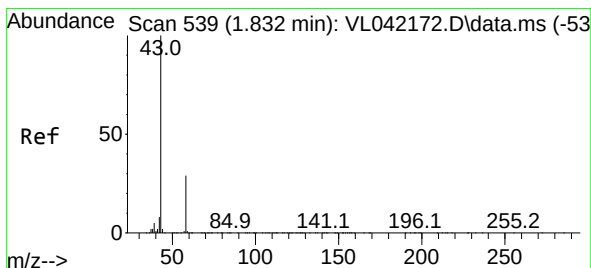
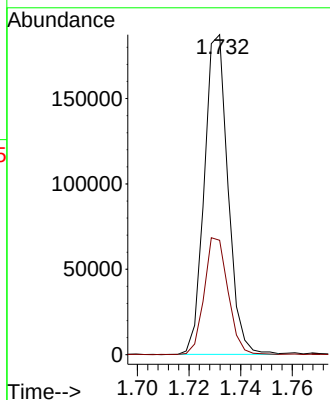
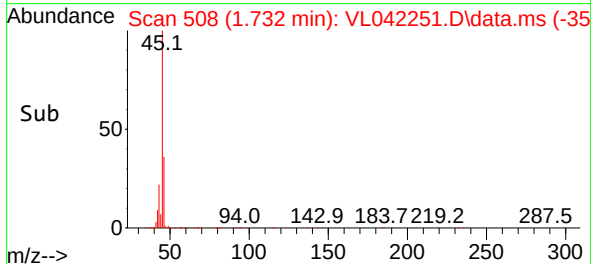
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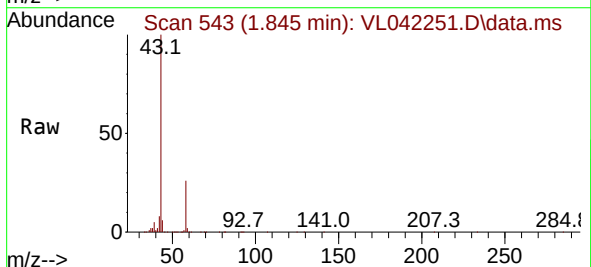
Tgt Ion: 45 Resp: 119090
Ion Ratio Lower Upper
45 100
46 37.3 20.2 80.8

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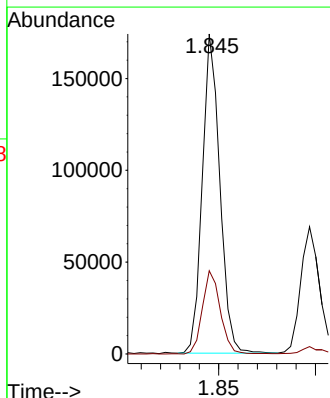
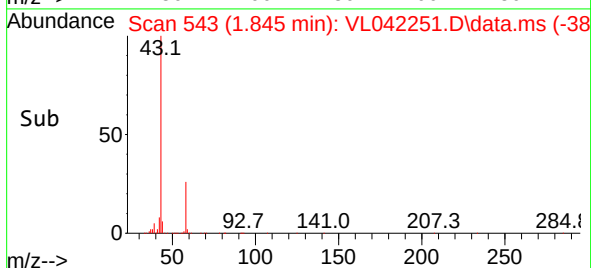
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

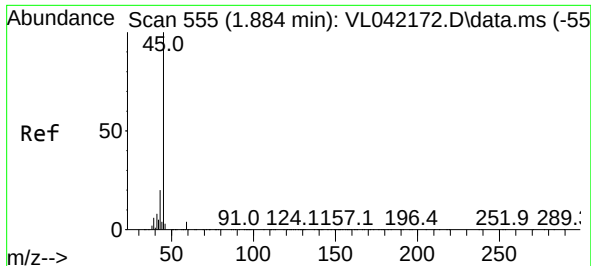


#15
Acetone
Concen: 4.020 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48



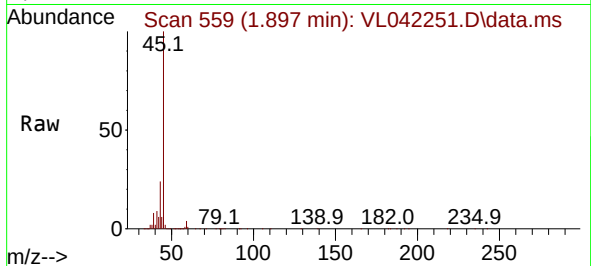
Tgt Ion: 43 Resp: 109482
Ion Ratio Lower Upper
43 100
58 26.8 23.2 34.8





#19
Isopropyl Alcohol
Concen: 12.798 ppbv
RT: 1.897 min Scan# 511
Delta R.T. 0.013 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48

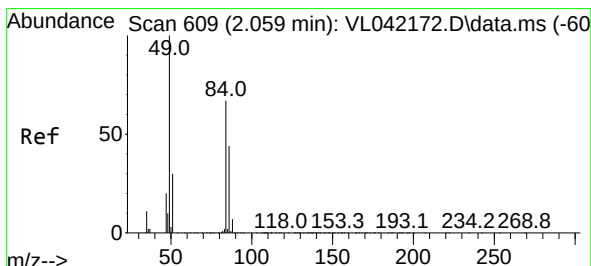
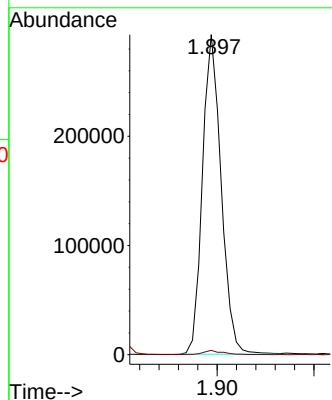
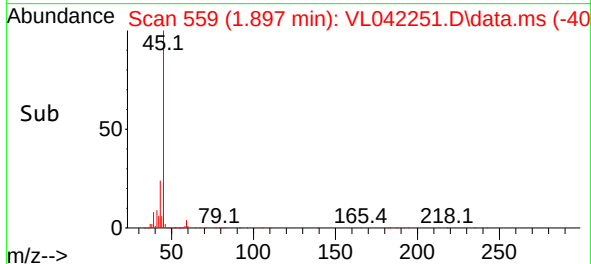
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



Tgt Ion: 45 Resp: 196639
Ion Ratio Lower Upper
45 100
58 1.5 36.9 55.3

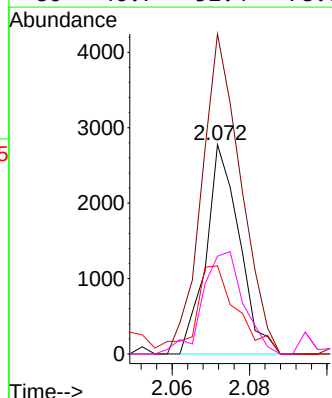
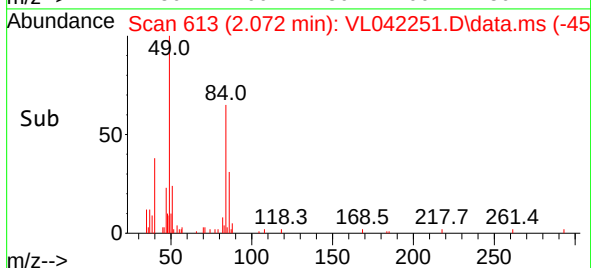
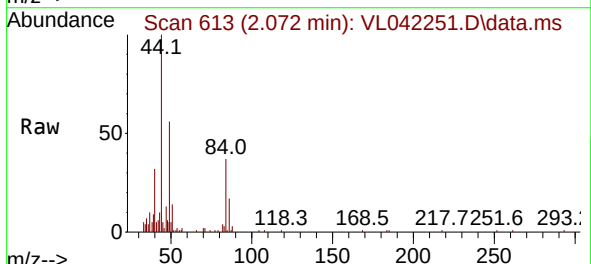
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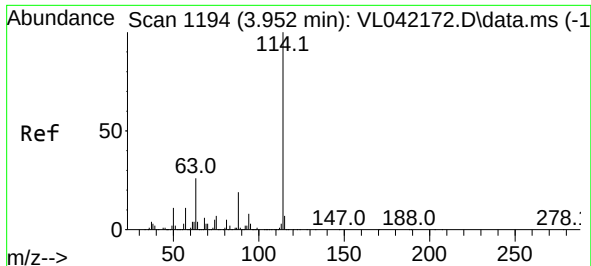
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#20
Methylene Chloride
Concen: 0.163 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48

Tgt Ion: 84 Resp: 1654
Ion Ratio Lower Upper
84 100
49 152.9 120.2 180.4
51 42.1 37.4 56.0
86 46.7 52.4 78.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.985 min Scan# 1194

Delta R.T. 0.032 min

Lab File: VL042251.D

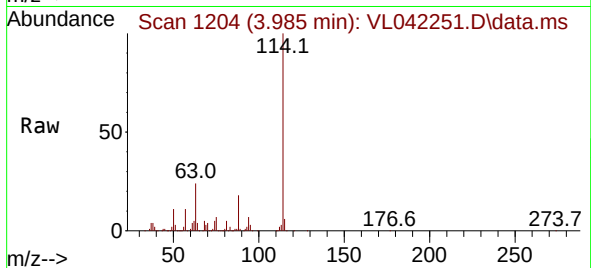
Acq: 08 Apr 2025 01:48

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B10-2-03312025DL



Tgt Ion:114 Resp: 494678

Ion Ratio Lower Upper

114 100

63 25.5 20.7 31.1

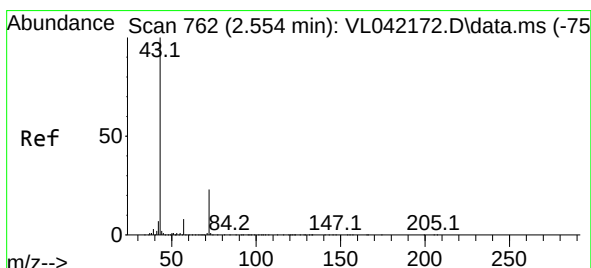
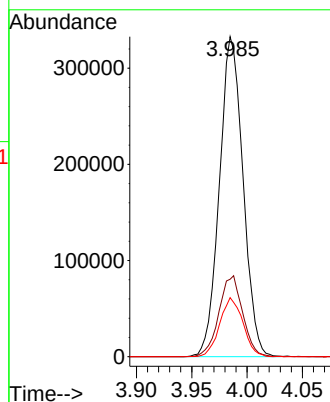
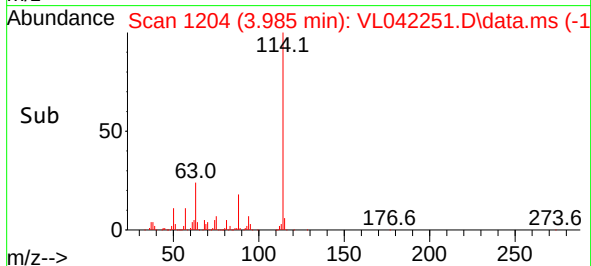
88 18.1 15.0 22.4

Manual Integrations

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#34

2-Butanone

Concen: 0.524 ppbv

RT: 2.577 min Scan# 769

Delta R.T. 0.022 min

Lab File: VL042251.D

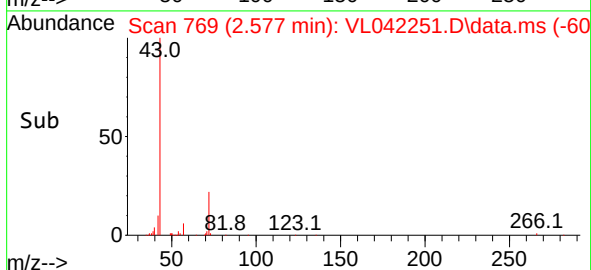
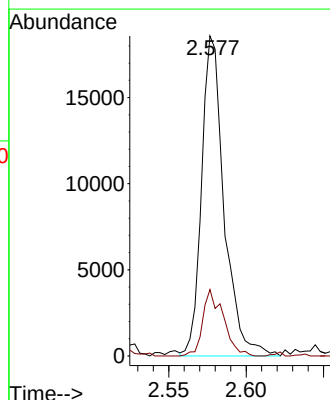
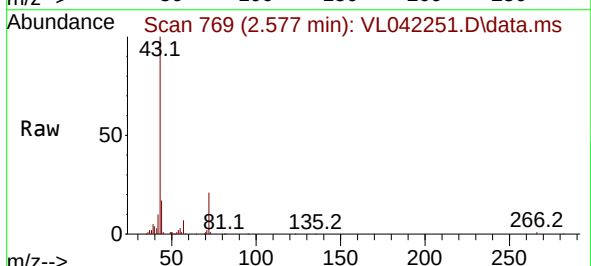
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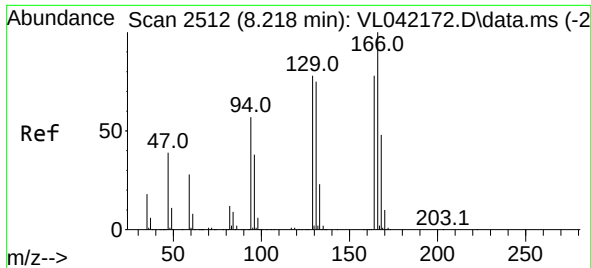
Tgt Ion: 43 Resp: 18789

Ion Ratio Lower Upper

43 100

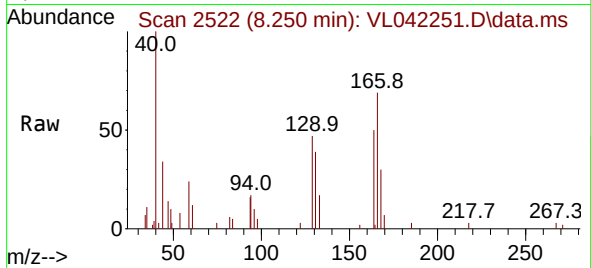
72 19.6 18.2 27.2





#52
Tetrachloroethene
Concen: 0.076 ppbv m
RT: 8.250 min Scan# 2175
Delta R.T. 0.032 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48

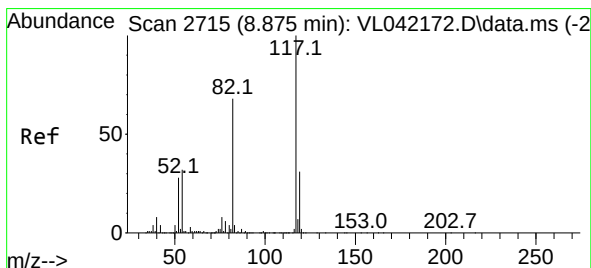
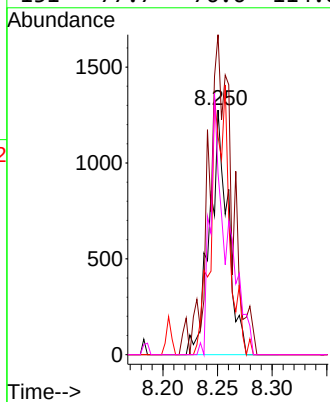
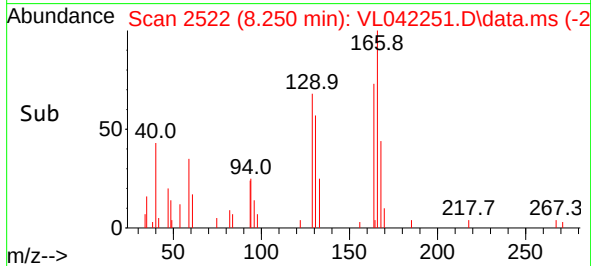
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025DL



Tgt Ion:164 Resp: 148
Ion Ratio Lower Upper
164 100
166 137.1 102.5 153.7
129 93.5 79.8 119.8
131 77.7 76.6 114.8

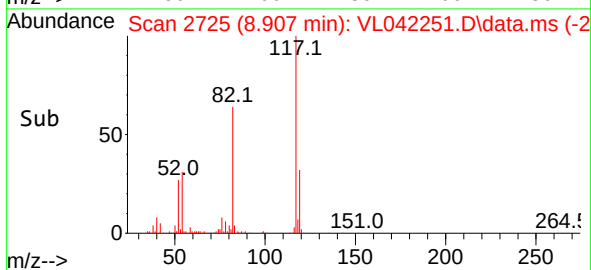
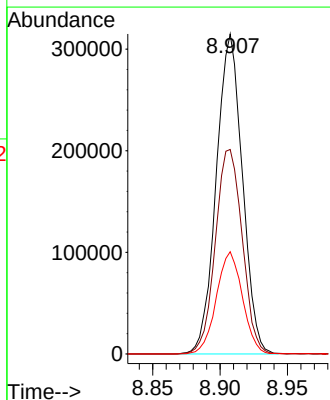
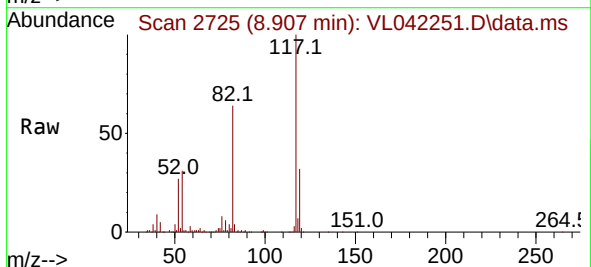
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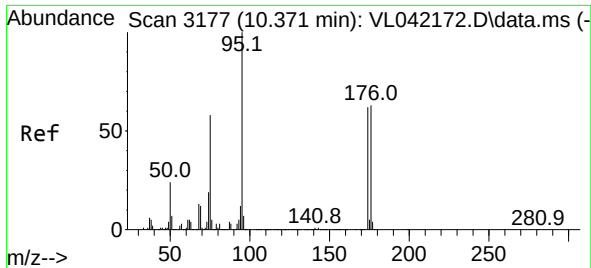
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.907 min Scan# 2725
Delta R.T. 0.032 min
Lab File: VL042251.D
Acq: 08 Apr 2025 01:48

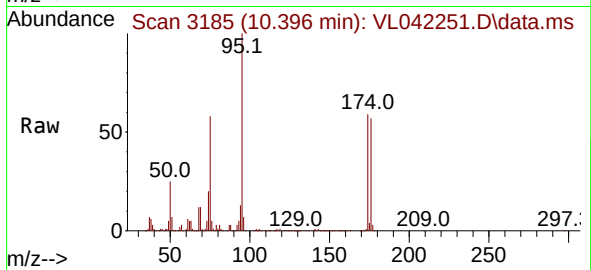
Tgt Ion:117 Resp: 424907
Ion Ratio Lower Upper
117 100
82 65.9 55.8 83.6
119 32.0 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.310 ppbv
 RT: 10.396 min Scan# 3177
 Delta R.T. 0.026 min
 Lab File: VL042251.D
 Acq: 08 Apr 2025 01:48

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



Tgt Ion: 95 Resp: 324870
 Ion Ratio Lower Upper
 95 100
 174 60.1 50.6 76.0
 175 4.5 3.8 5.6

Manual Integrations
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