

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042248.D
 Acq On : 08 Apr 2025 00:12
 Operator : SY/MD
 Sample : Q1725-06DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B10-3-03312025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025

Quant Time: Apr 08 01:38:49 2025

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	194329	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.984	114	493793	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	430982	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	333104	9.412	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%
Target Compounds						
					Qvalue	
13) Ethanol	1.728	45	126102	99.289	ppbv	83
15) Acetone	1.845	43	110494	4.066	ppbv	96
19) Isopropyl Alcohol	1.897	45	223285	14.561	ppbv #	32
20) Methylene Chloride	2.075	84	3332	0.329	ppbv	95
34) 2-Butanone	2.576	43	14984	0.418	ppbv	97
52) Tetrachloroethene	8.254	164	1214m	0.063	ppbv	

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

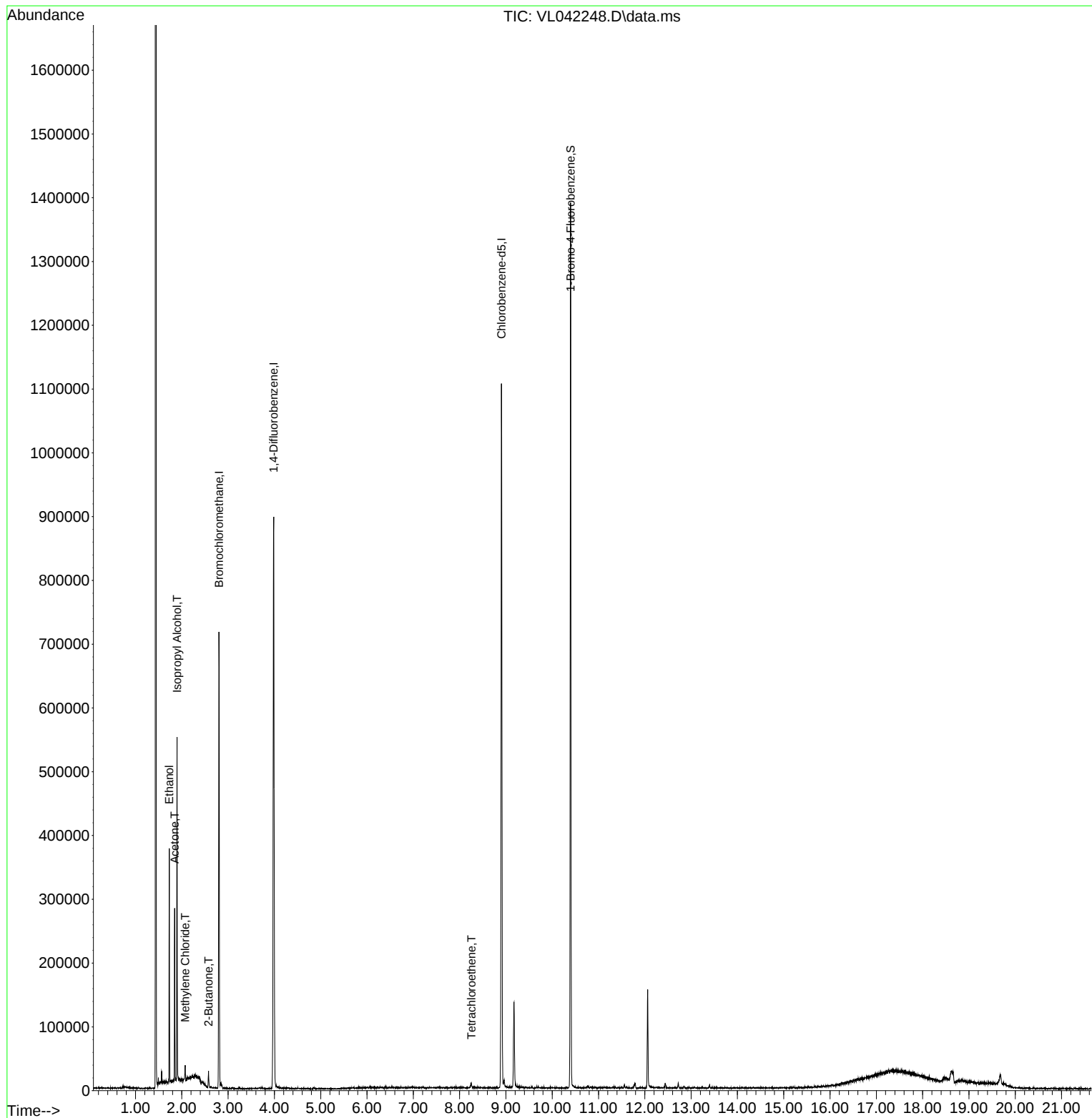
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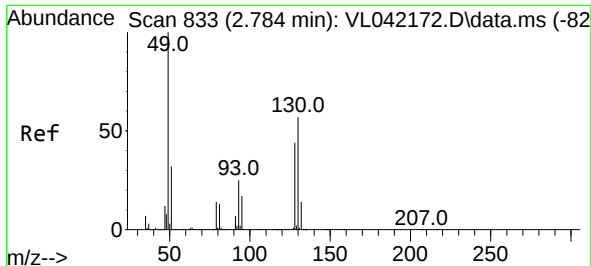
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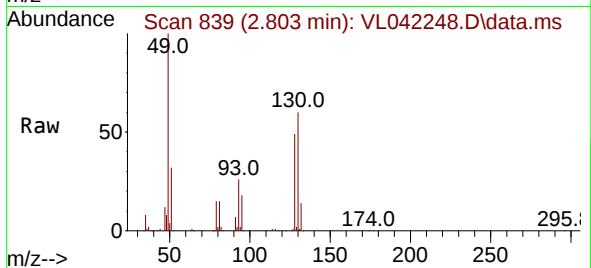
Reviewed By : Semsettin Yesilyurt 04/14/2025
Supervised By : Mahesh Dadoda 04/14/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12

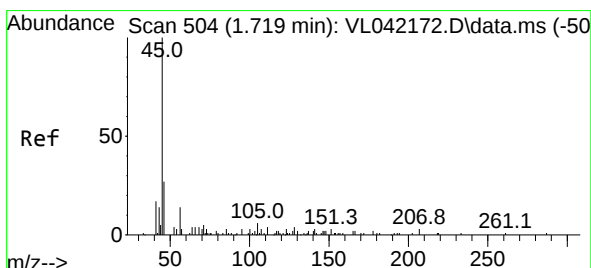
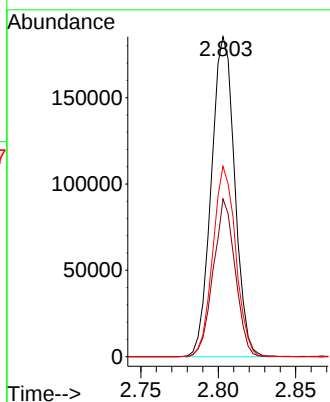
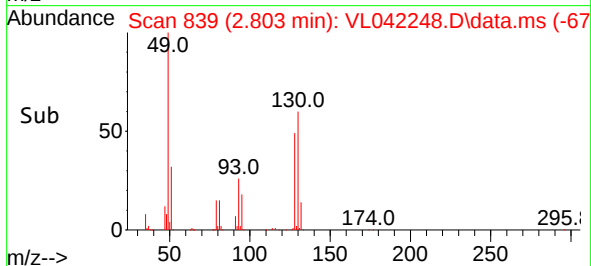
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-3-03312025DL



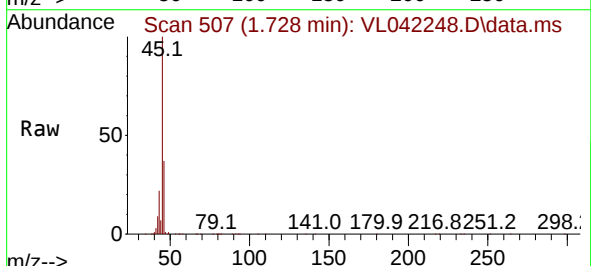
Tgt Ion: 49 Resp: 194329
Ion Ratio Lower Upper
49 100
128 46.0 22.9 68.5
130 58.3 28.8 86.4

Manual Integrations
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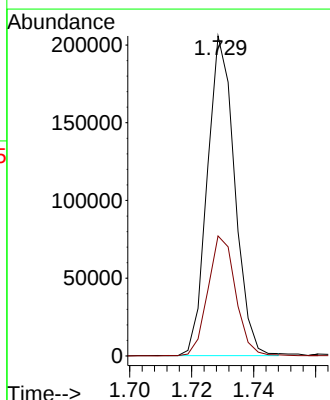
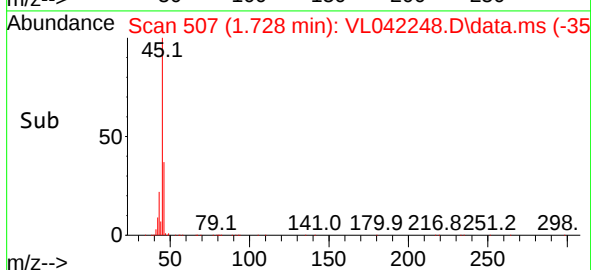
Reviewed By :Semsettin Yesilyurt 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

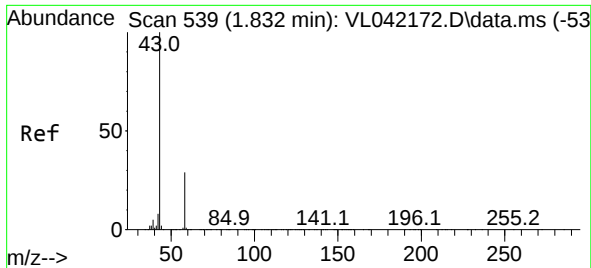


#13
Ethanol
Concen: 99.289 ppbv
RT: 1.728 min Scan# 507
Delta R.T. 0.009 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12



Tgt Ion: 45 Resp: 126102
Ion Ratio Lower Upper
45 100
46 38.8 20.2 80.8





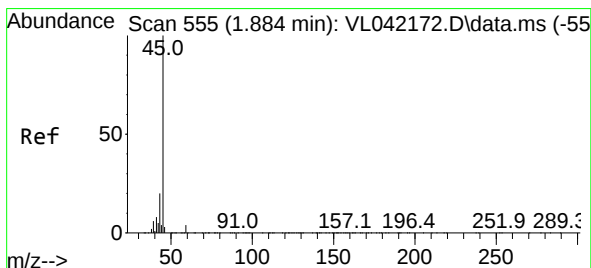
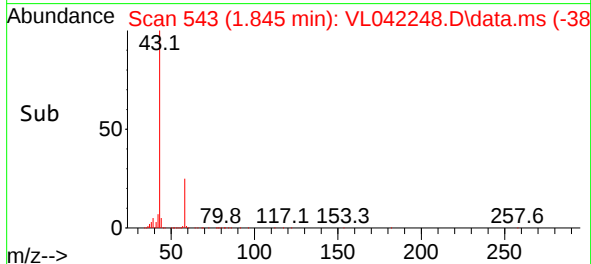
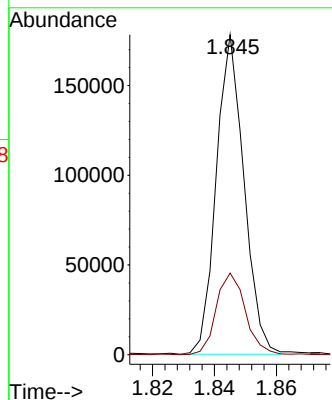
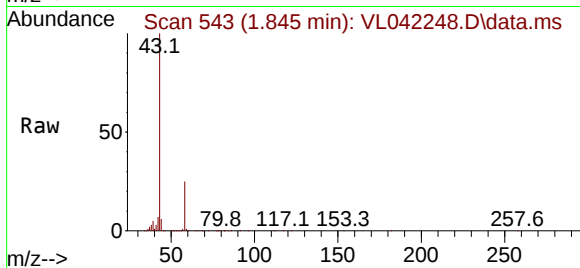
#15
Acetone
Concen: 4.066 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.013 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 43 Resp: 110494
Ion Ratio Lower Upper
43 100
58 27.1 23.2 34.8

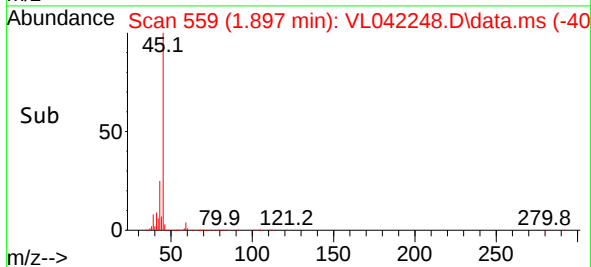
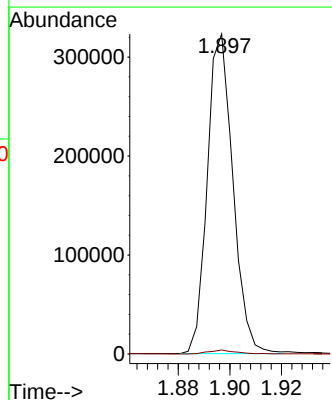
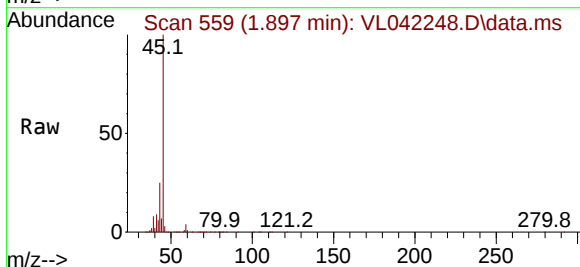
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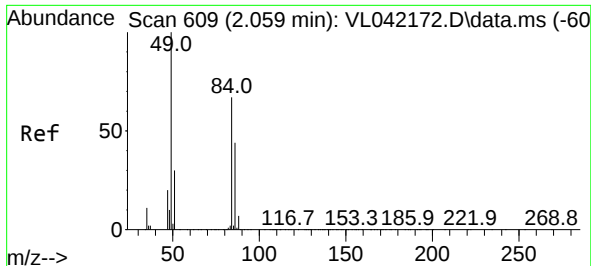
Reviewed By :Semsettin Yesilyurt 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#19
Isopropyl Alcohol
Concen: 14.561 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.013 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12

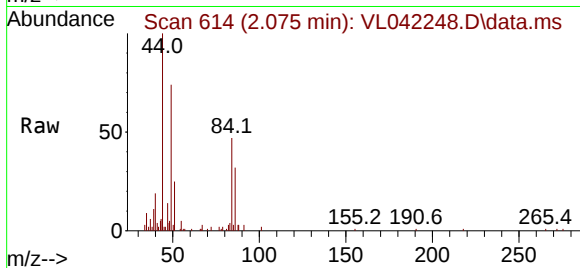
Tgt Ion: 45 Resp: 223285
Ion Ratio Lower Upper
45 100
58 1.4 36.9 55.3#





#20
Methylene Chloride
Concen: 0.329 ppbv
RT: 2.075 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12

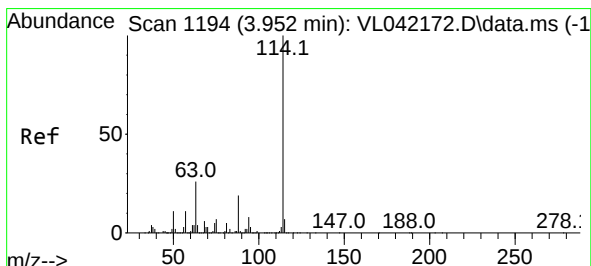
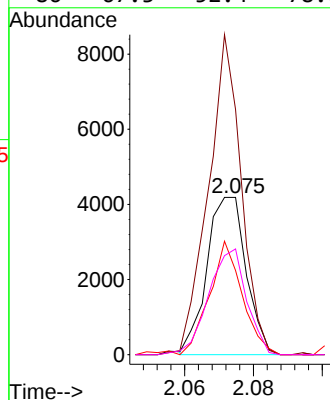
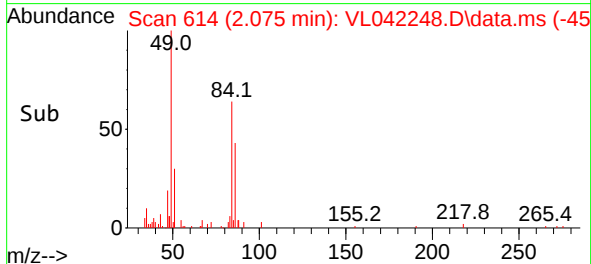
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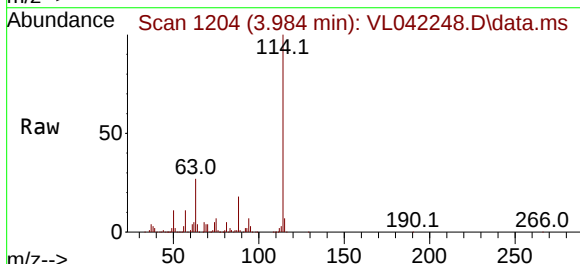
Tgt Ion: 84 Resp: 333
Ion Ratio Lower Upper
84 100
49 155.9 120.2 180.4
51 53.5 37.4 56.0
86 67.3 52.4 78.6

Manual Integrations
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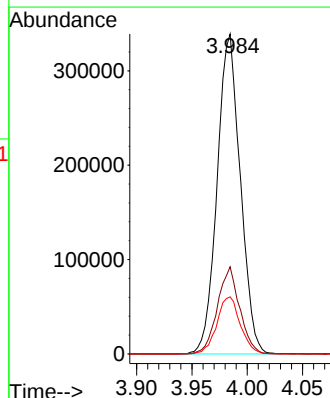
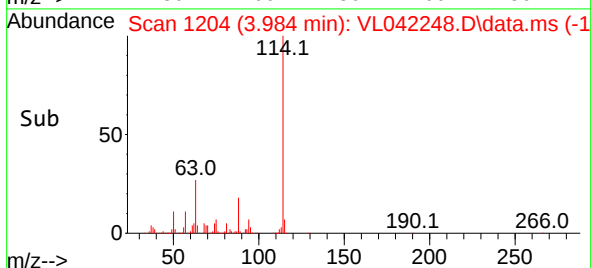
Reviewed By :Semsettin Yesilyurt 04/14/2025
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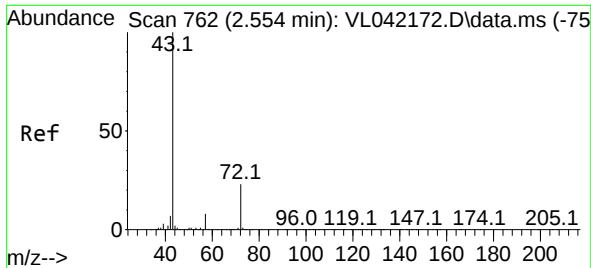


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.984 min Scan# 1204
Delta R.T. 0.032 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12



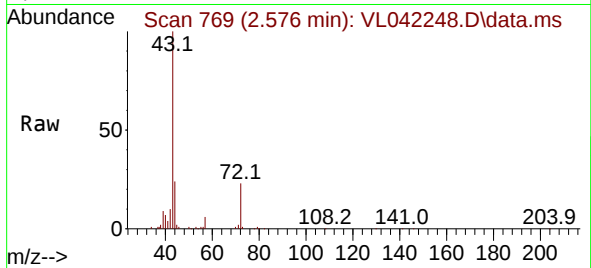
Tgt Ion:114 Resp: 493793
Ion Ratio Lower Upper
114 100
63 26.2 20.7 31.1
88 18.0 15.0 22.4





#34
2-Butanone
Concen: 0.418 ppbv
RT: 2.576 min Scan# 769
Delta R.T. 0.022 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12

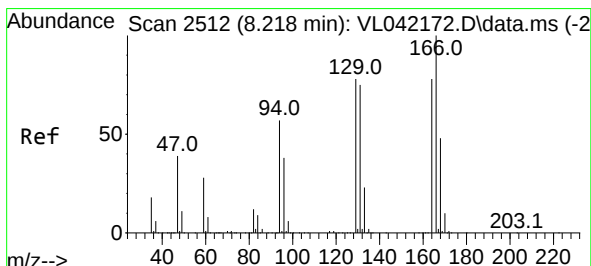
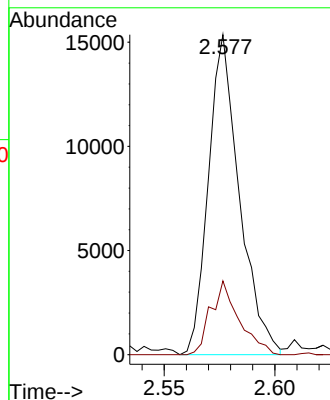
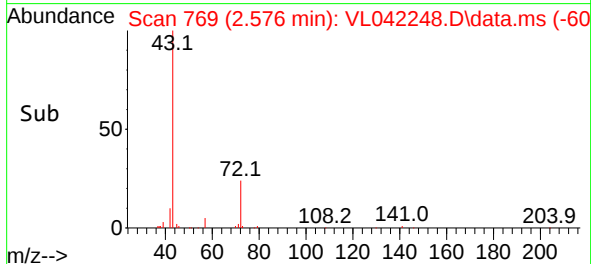
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Tgt Ion: 43 Resp: 14984
Ion Ratio Lower Upper
43 100
72 21.3 18.2 27.2

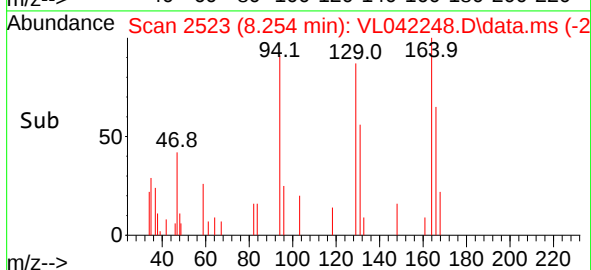
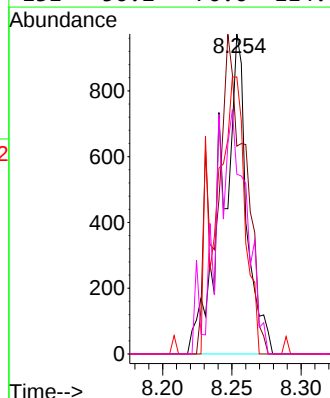
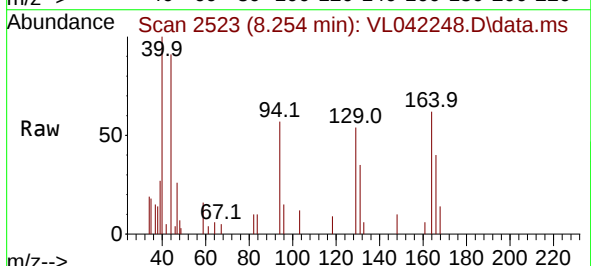
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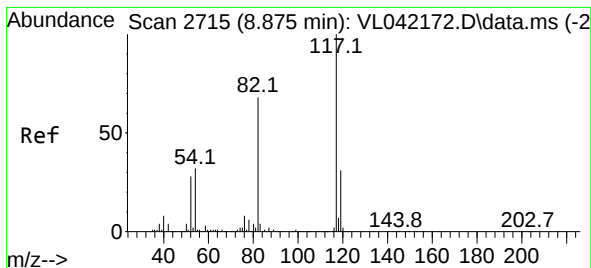
Reviewed By :Semsettin Yesilyurt 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#52
Tetrachloroethene
Concen: 0.063 ppbv m
RT: 8.254 min Scan# 2523
Delta R.T. 0.035 min
Lab File: VL042248.D
Acq: 08 Apr 2025 00:12

Tgt Ion:164 Resp: 1214
Ion Ratio Lower Upper
164 100
166 65.0 102.5 153.7#
129 86.5 79.8 119.8
131 56.2 76.6 114.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL042248.D

Acq: 08 Apr 2025 00:12

Instrument :

MSVOA_L

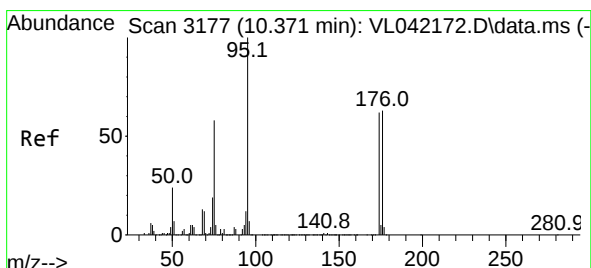
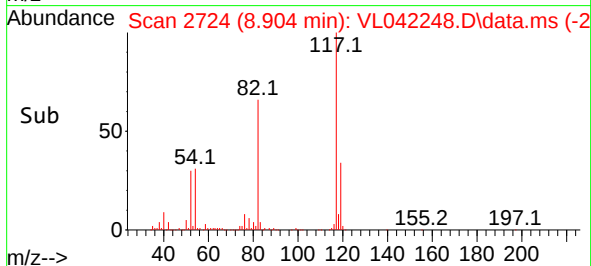
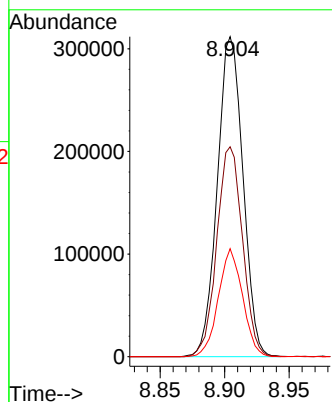
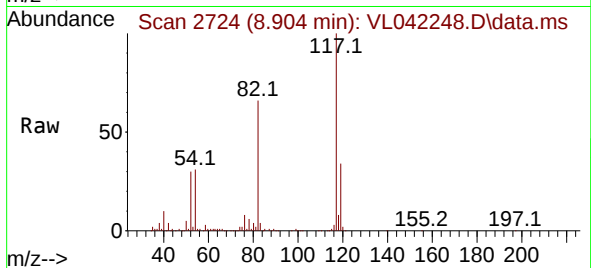
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Tgt Ion:	117	Resp:	43098
Ion Ratio	Lower	Upper	
117	100		
82	65.8	55.8	83.6
119	31.8	25.5	38.3

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.412 ppbv

RT: 10.396 min Scan# 3185

Delta R.T. 0.026 min

Lab File: VL042248.D

Acq: 08 Apr 2025 00:12

Tgt Ion:	95	Resp:	333104
Ion Ratio	Lower	Upper	
95	100		
174	60.2	50.6	76.0
175	4.3	3.8	5.6

