

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042812.D
 Acq On : 04 Aug 2025 19:07
 Operator : SY/MD
 Sample : Q2750-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 01:11:15 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 05 01:11:15 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	153369	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	400688	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	343233	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	268439	9.876	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.499	85	1300	0.064	ppbv	98
3) Chlorodifluoromethane	1.473	51	261171	9.887	ppbv	99
9) Propene	1.486	41	19557m	2.037	ppbv	
13) Ethanol	1.722	45	489435	699.002	ppbv	90
15) Acetone	1.835	43	331492	15.653	ppbv	99
19) Isopropyl Alcohol	1.907	45	6769947	601.550	ppbv #	41
20) Methylene Chloride	2.062	84	2379	0.356	ppbv	89
26) Hexane	2.826	57	2839m	0.138	ppbv	
27) Carbon Disulfide	2.149	76	5560	0.316	ppbv #	66

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

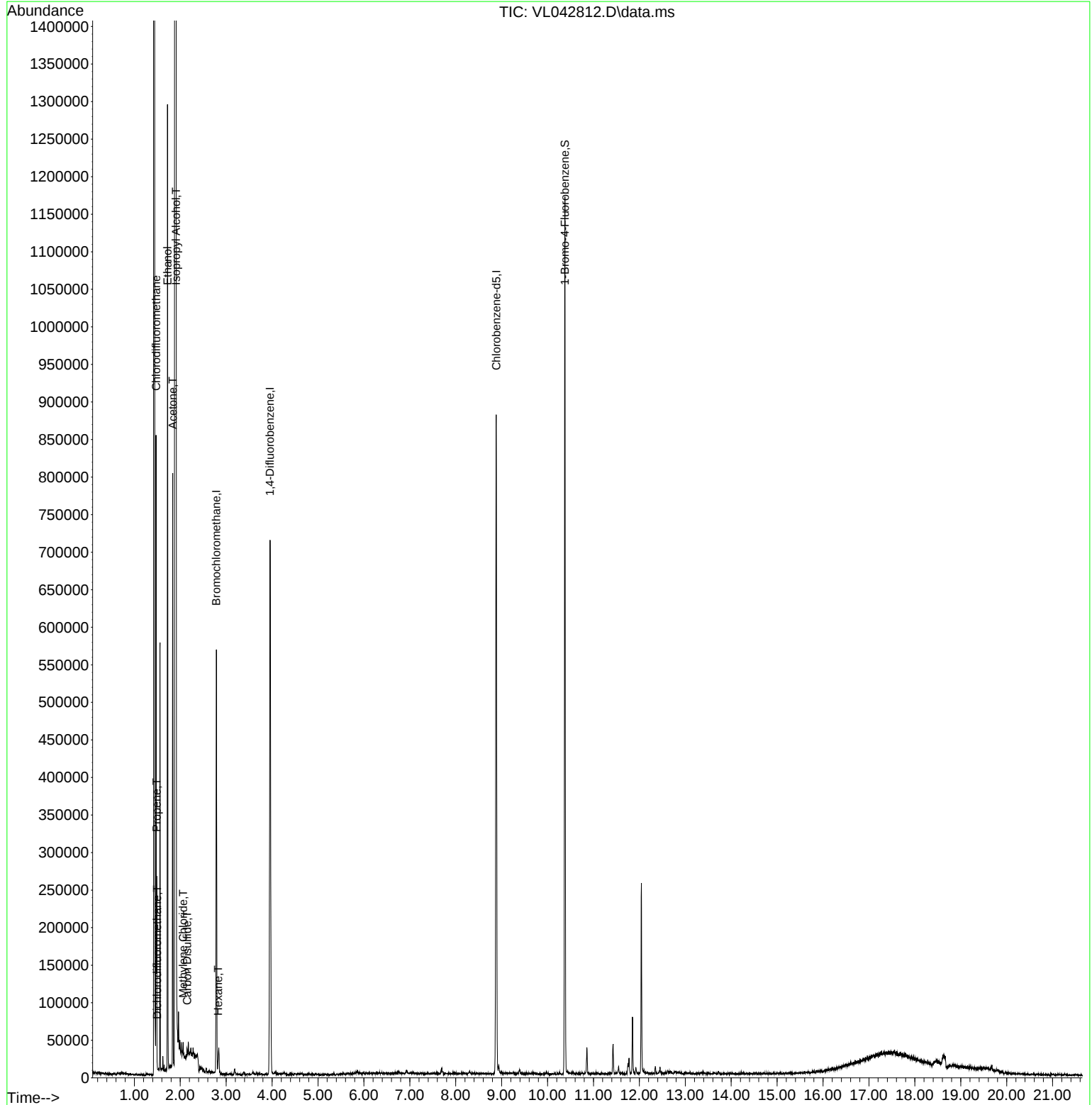
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042812.D
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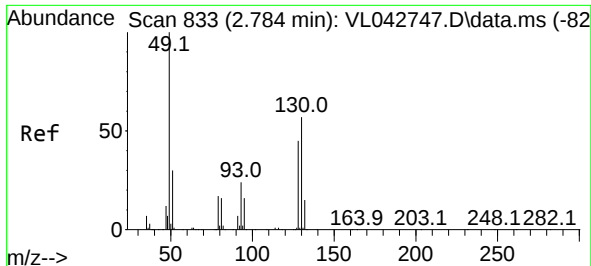
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL

Quant Time: Aug 05 01:11:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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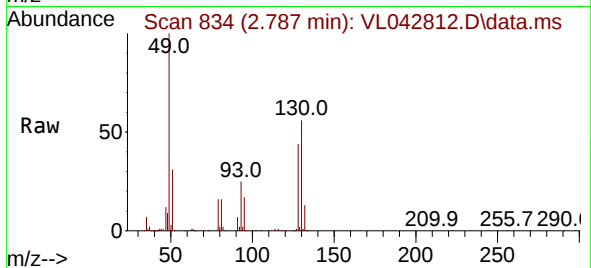
Reviewed By : Semsettin Yesilyurt 08/05/2025
Supervised By : Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

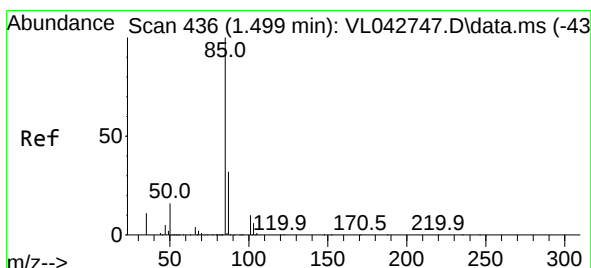
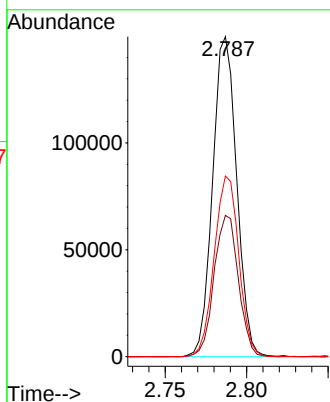
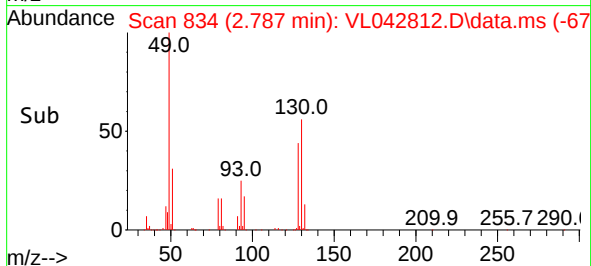
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL



Tgt Ion: 49 Resp: 153369
Ion Ratio Lower Upper
49 100
128 44.7 23.6 71.0
130 57.7 30.3 90.8

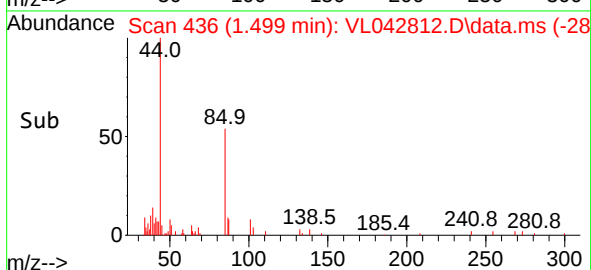
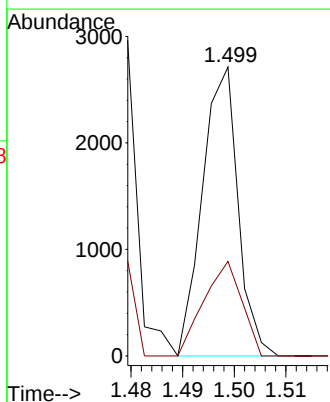
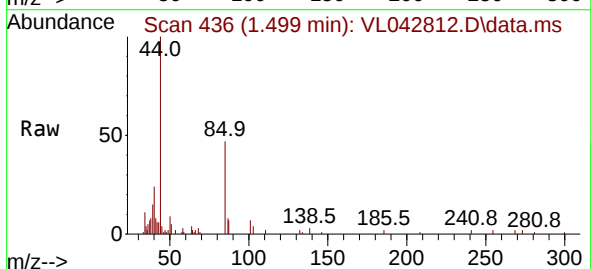
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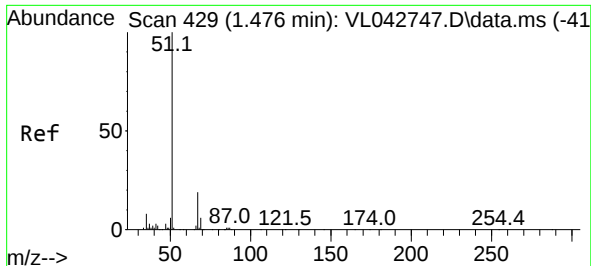
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#2
Dichlorodifluoromethane
Concen: 0.064 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

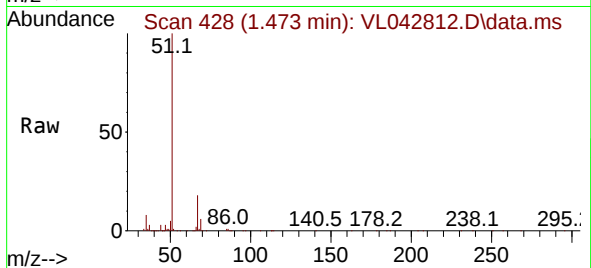
Tgt Ion: 85 Resp: 1300
Ion Ratio Lower Upper
85 100
87 32.7 25.4 38.2





#3
Chlorodifluoromethane
Concen: 9.887 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

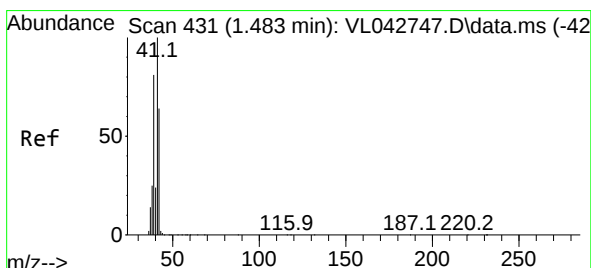
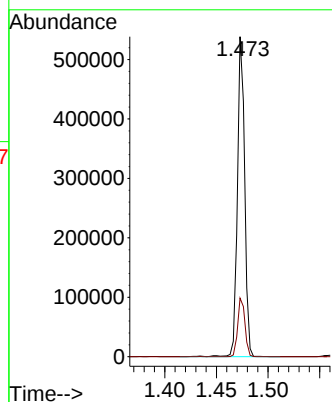
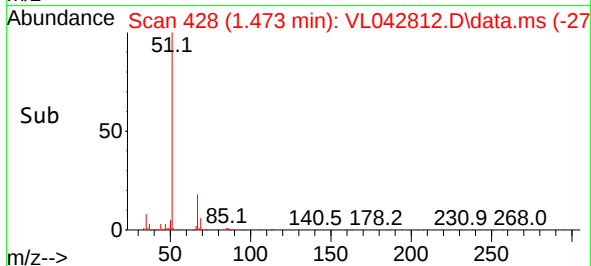
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL



Tgt Ion: 51 Resp: 26117
Ion Ratio Lower Upper
51 100
67 18.3 15.0 22.6

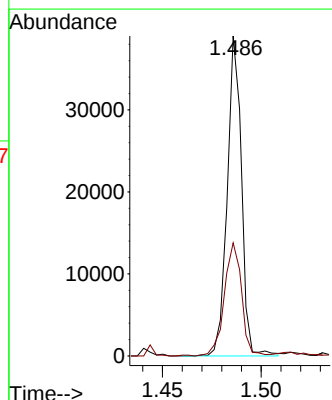
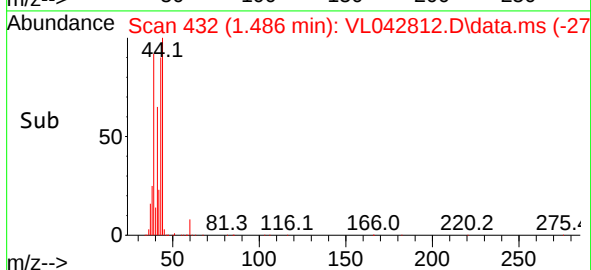
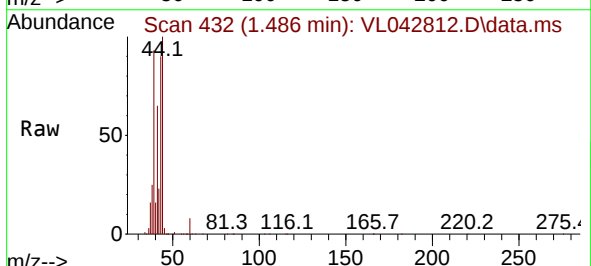
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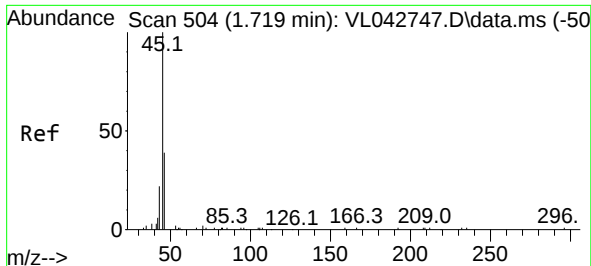
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#9
Propene
Concen: 2.037 ppbv m
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

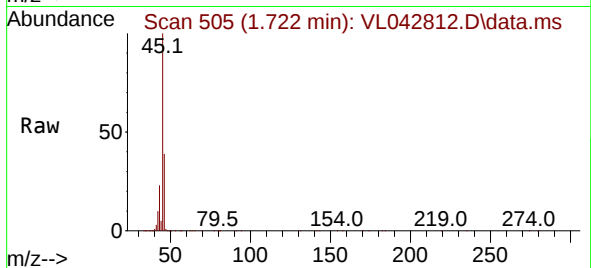
Tgt Ion: 41 Resp: 19557
Ion Ratio Lower Upper
41 100
42 234.9 53.2 79.8#





#13
Ethanol
Concen: 699.002 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

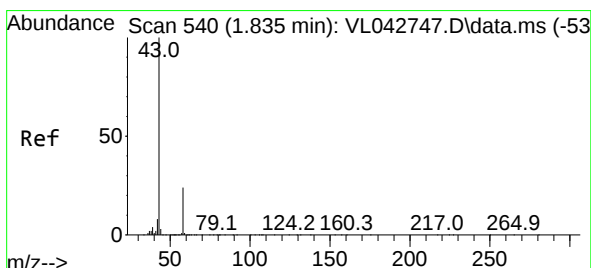
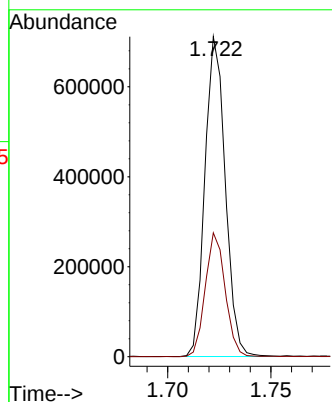
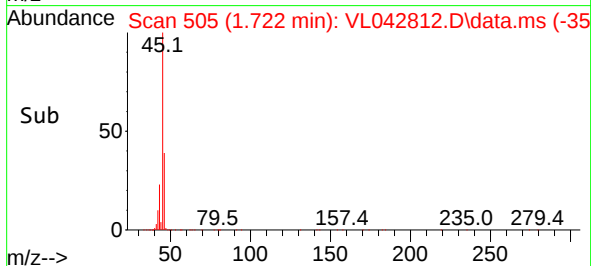
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL



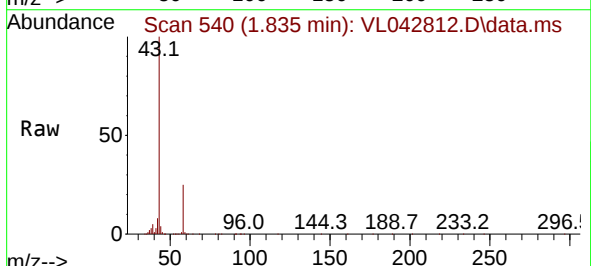
Tgt Ion: 45 Resp: 489438
Ion Ratio Lower Upper
45 100
46 38.2 17.8 71.4

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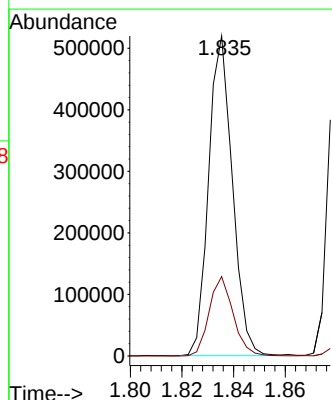
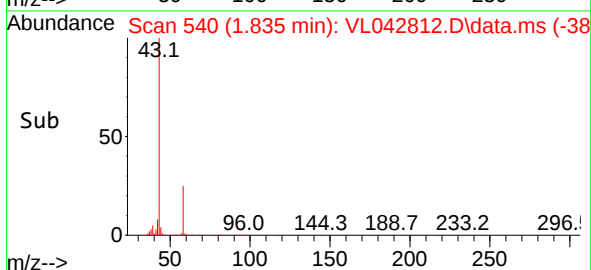
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

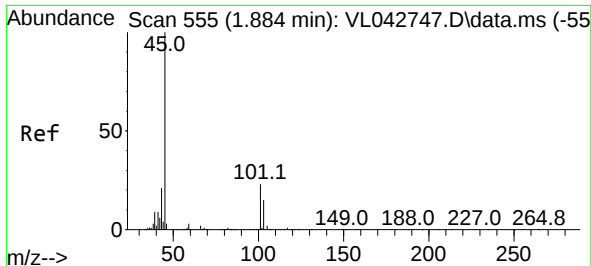


#15
Acetone
Concen: 15.653 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07



Tgt Ion: 43 Resp: 331492
Ion Ratio Lower Upper
43 100
58 25.1 19.8 29.8





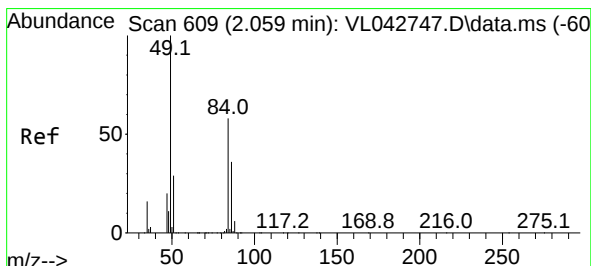
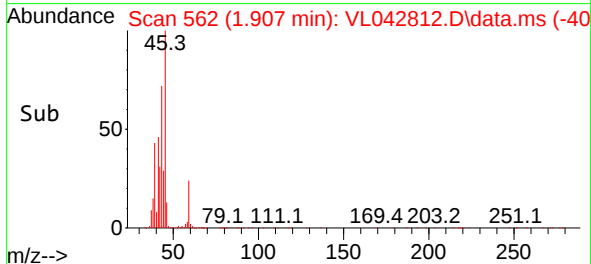
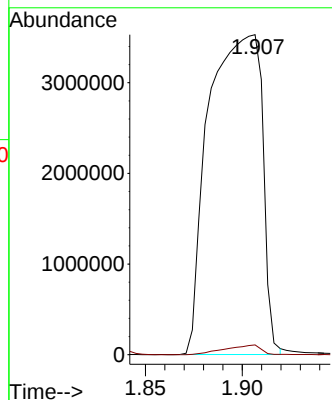
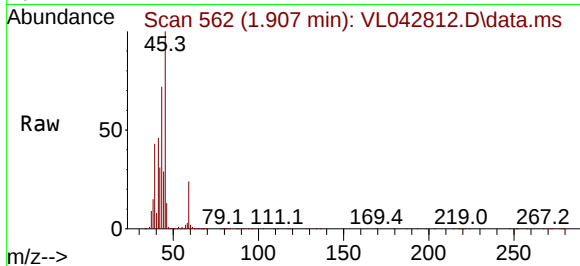
#19
Isopropyl Alcohol
Concen: 601.550 ppbv
RT: 1.907 min Scan# 50
Delta R.T. 0.023 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL

Tgt Ion: 45 Resp: 676994
Ion Ratio Lower Upper
45 100
58 2.1 30.0 45.0

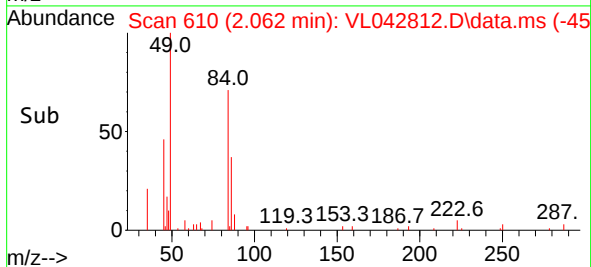
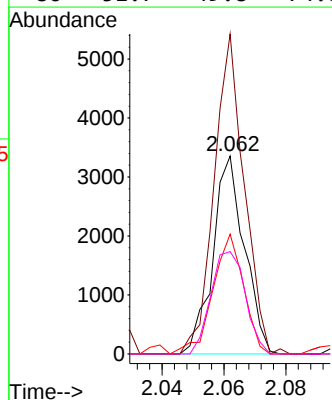
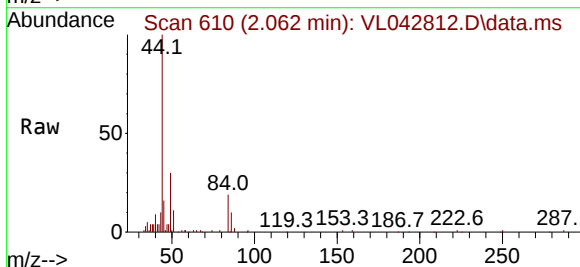
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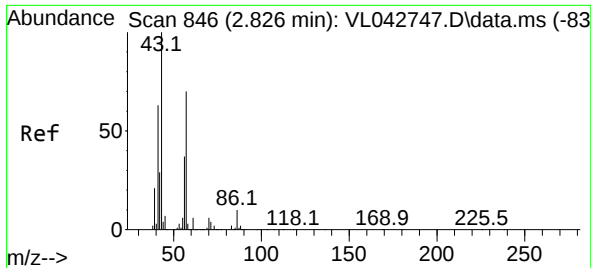
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#20
Methylene Chloride
Concen: 0.356 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

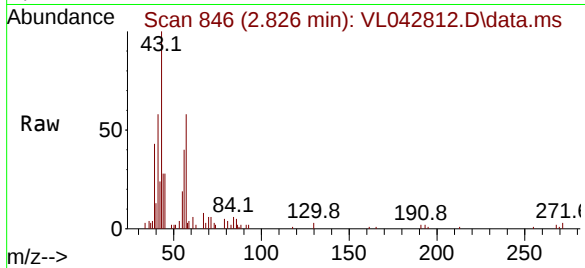
Tgt Ion: 84 Resp: 2379
Ion Ratio Lower Upper
84 100
49 161.7 138.6 208.0
51 60.5 40.6 61.0
86 51.7 49.8 74.8





#26
Hexane
Concen: 0.138 ppbv m
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

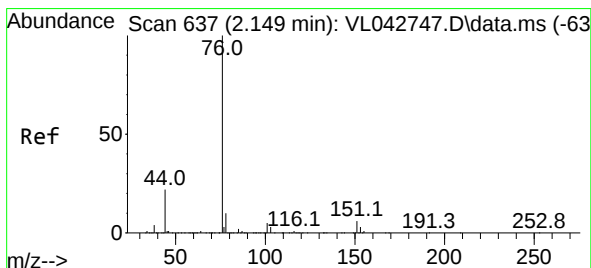
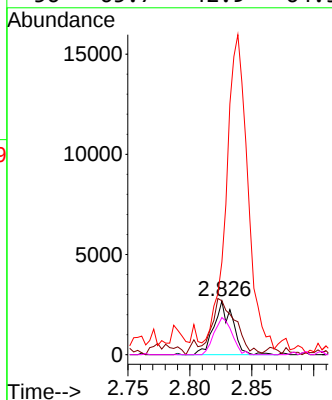
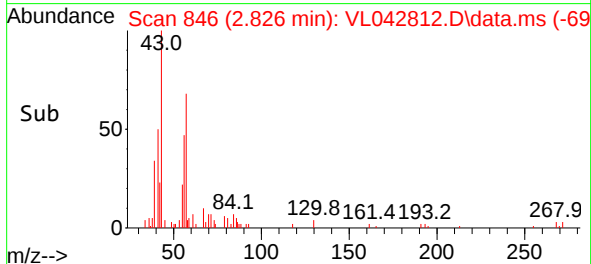
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3DL



Tgt Ion: 57 Resp: 2839
Ion Ratio Lower Upper
57 100
41 178.9 75.4 113.2
43 0.0 185.0 277.6
56 65.7 42.9 64.3

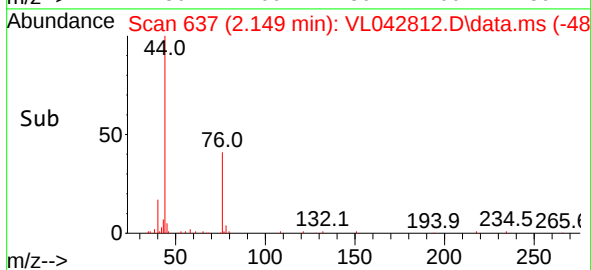
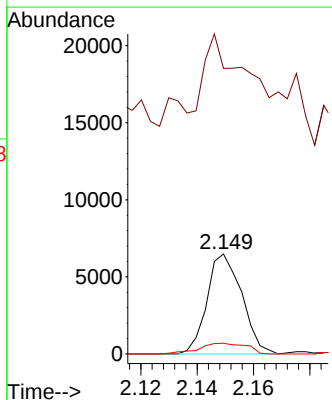
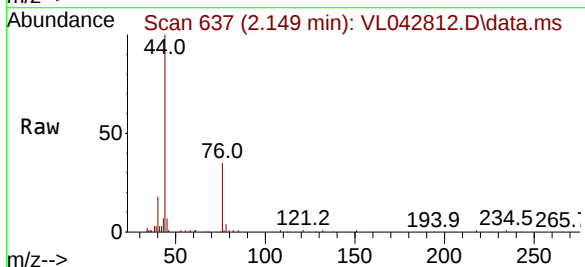
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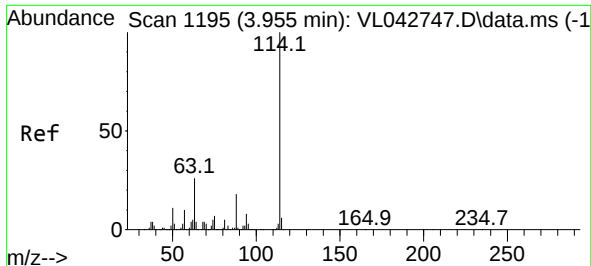
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#27
Carbon Disulfide
Concen: 0.316 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.000 min
Lab File: VL042812.D
Acq: 04 Aug 2025 19:07

Tgt Ion: 76 Resp: 5560
Ion Ratio Lower Upper
76 100
44 0.0 19.3 28.9
78 14.8 9.9 14.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VL042812.D

Acq: 04 Aug 2025 19:07

Instrument :

MSVOA_L

ClientSampleId :

WONDER IA-3DL

Tgt Ion:114 Resp: 40068

Ion Ratio Lower Upper

114 100

63 25.9 20.5 30.7

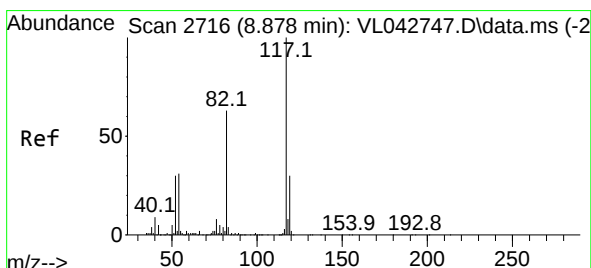
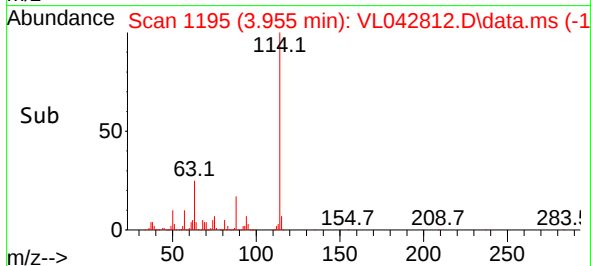
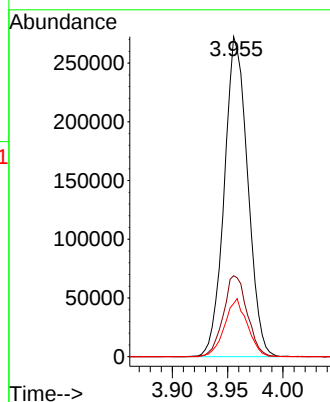
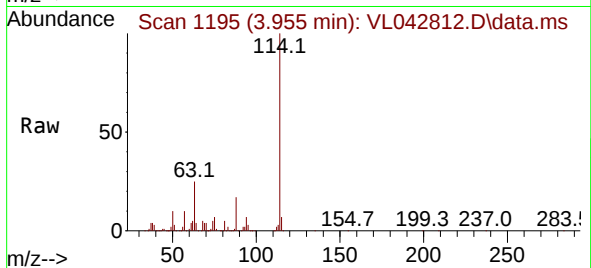
88 17.6 14.0 21.0

Manual Integrations

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Supervised By :Mahesh Dadoda 08/05/2025



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2717

Delta R.T. 0.003 min

Lab File: VL042812.D

Acq: 04 Aug 2025 19:07

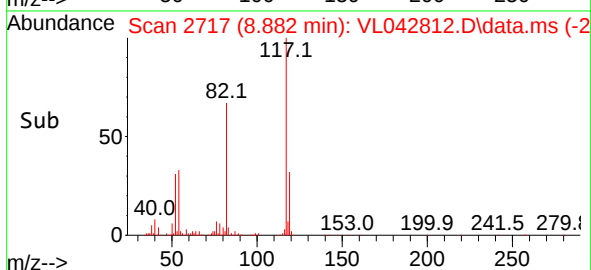
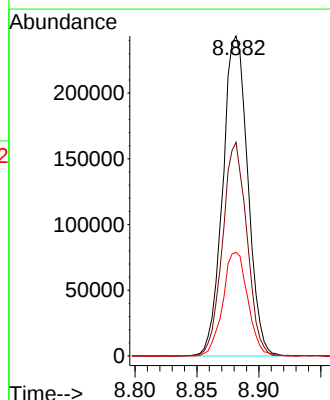
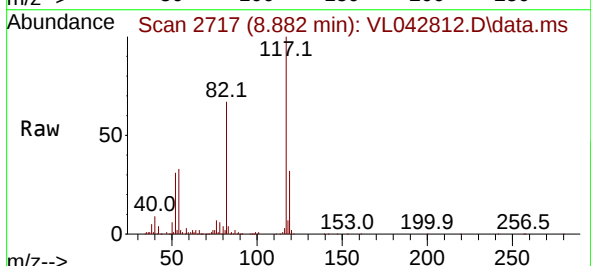
Tgt Ion:117 Resp: 343233

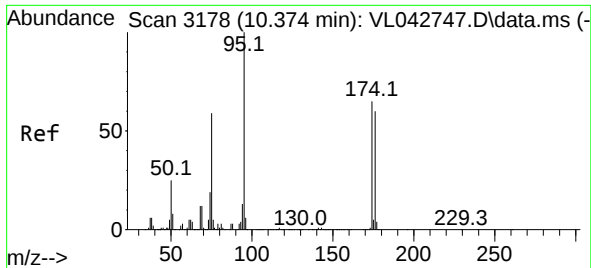
Ion Ratio Lower Upper

117 100

82 64.9 53.3 79.9

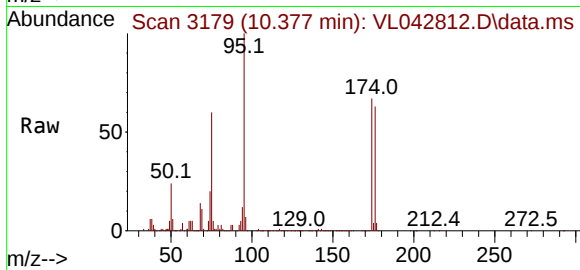
119 32.2 25.8 38.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.876 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.003 min
 Lab File: VL042812.D
 Acq: 04 Aug 2025 19:07

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-3DL



Tgt Ion: 95 Resp: 268439
 Ion Ratio Lower Upper
 95 100
 174 65.7 53.8 80.6
 175 5.0 4.0 6.0

Manual Integrations
 APPROVED

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