

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042821.D
 Acq On : 05 Aug 2025 00:12
 Operator : SY/MD
 Sample : Q2750-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-2DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 01:15:44 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 01:15:44 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	2.784	49	148113	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	371352	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	318755	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	247401	9.801	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	1.473	51	145902	5.719	ppbv	99
4) Chloromethane	1.531	50	3318	0.419	ppbv	90
9) Propene	1.486	41	9579m	1.033	ppbv	
13) Ethanol	1.719	45	223904	330.517	ppbv	89
15) Acetone	1.832	43	168012	8.215	ppbv	99
19) Isopropyl Alcohol	1.894	45	4673053	429.964	ppbv #	40
20) Methylene Chloride	2.059	84	2276	0.353	ppbv #	76

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

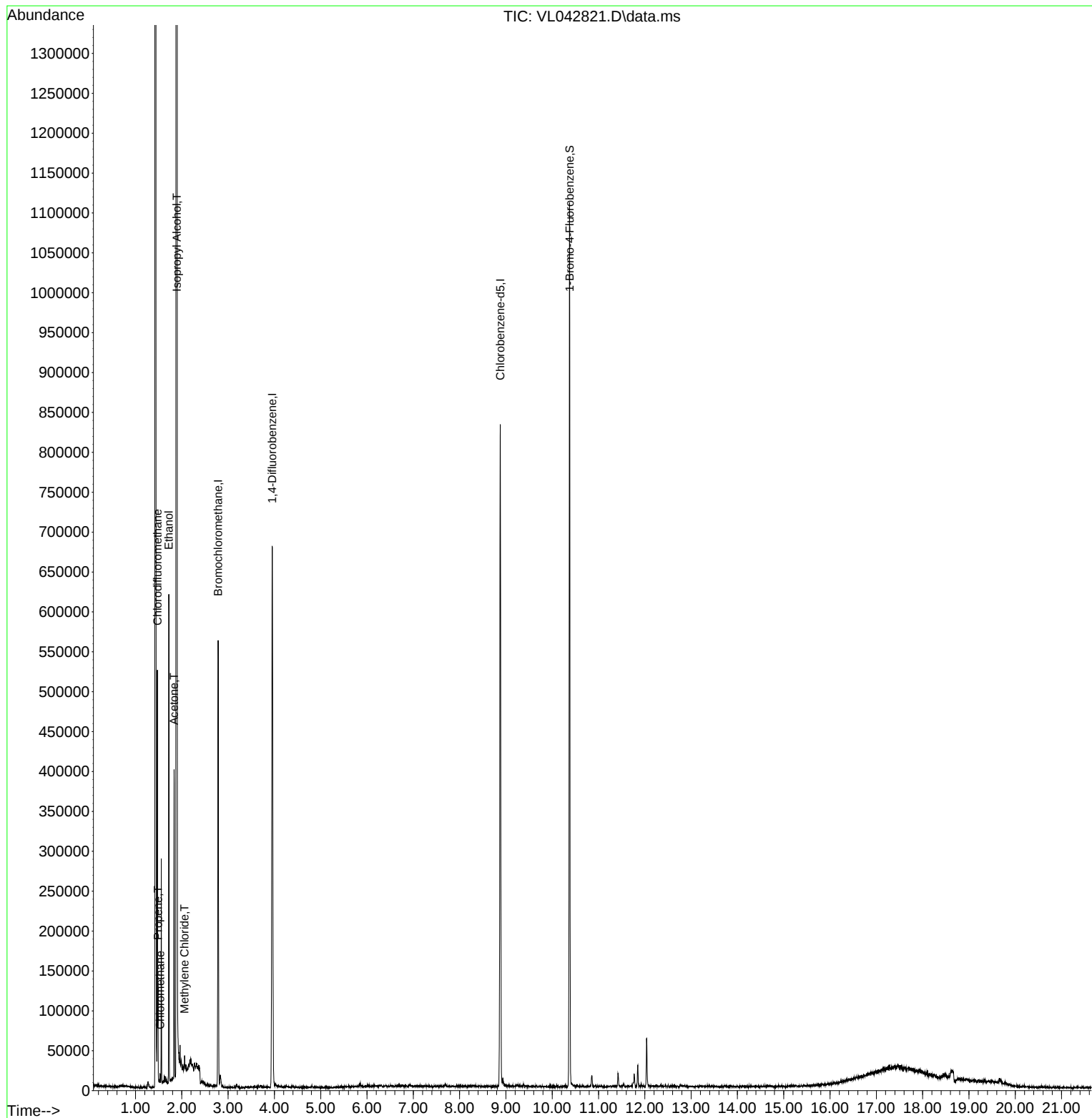
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042821.D
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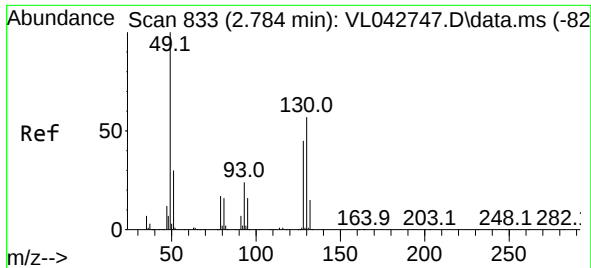
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Quant Time: Aug 05 01:15:44 2025
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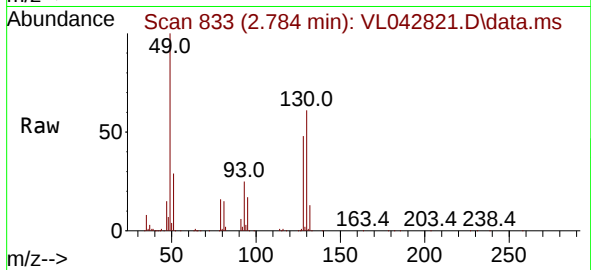
Reviewed By : Semsettin Yesilyurt 08/05/2025
Supervised By : Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL042821.D
Acq: 05 Aug 2025 00:12

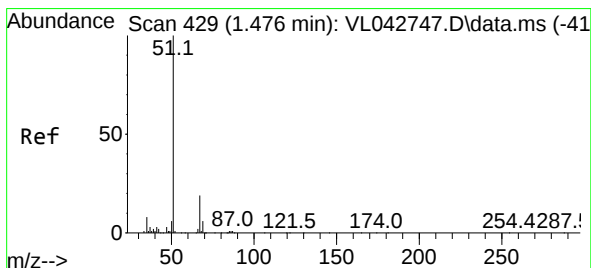
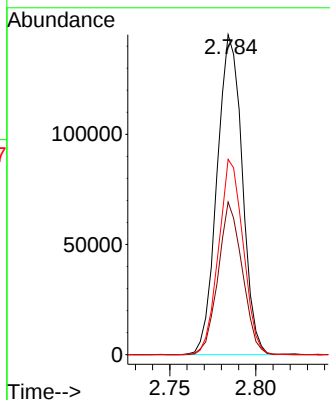
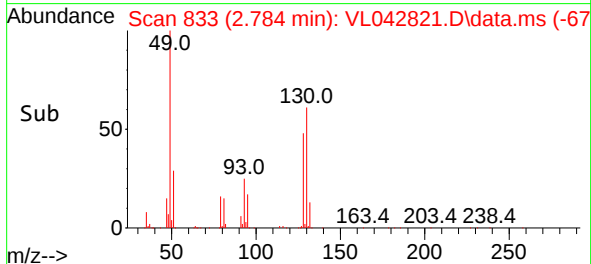
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-2DL



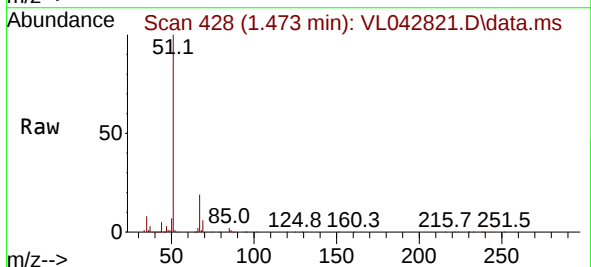
Tgt Ion: 49 Resp: 14811
Ion Ratio Lower Upper
49 100
128 45.7 23.6 71.0
130 59.7 30.3 90.8

Manual Integrations
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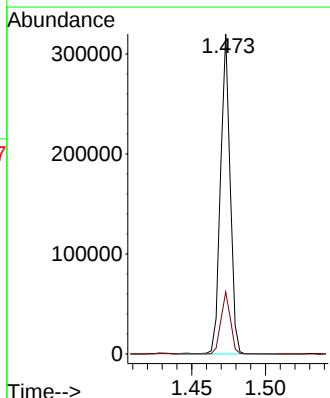
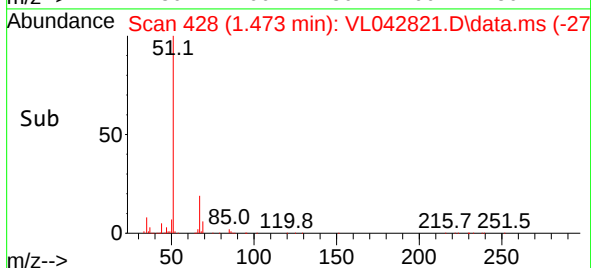
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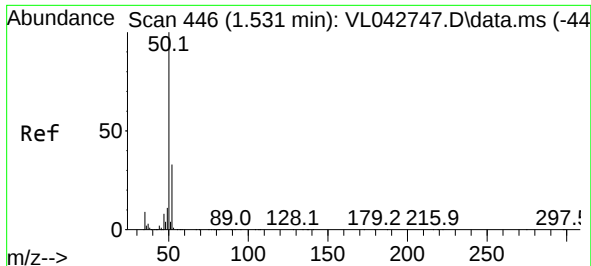


#3
Chlorodifluoromethane
Concen: 5.719 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042821.D
Acq: 05 Aug 2025 00:12



Tgt Ion: 51 Resp: 145902
Ion Ratio Lower Upper
51 100
67 19.2 15.0 22.6





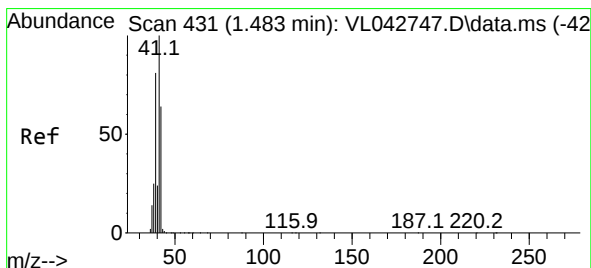
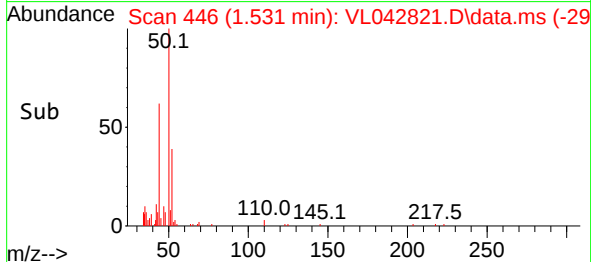
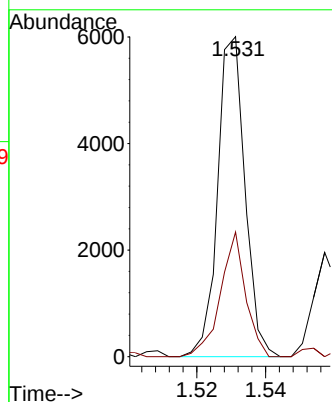
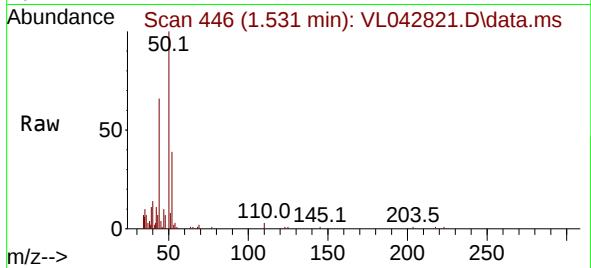
#4
Chloromethane
Concen: 0.419 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042821.D
Acq: 05 Aug 2025 00:12

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 50 Resp: 3318
Ion Ratio Lower Upper
50 100
52 39.0 26.6 40.0

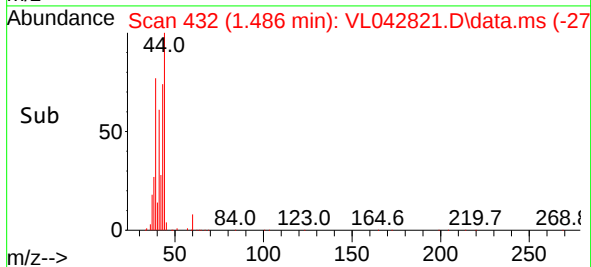
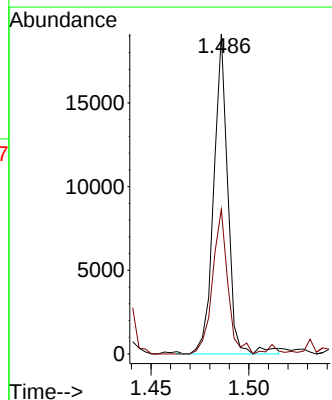
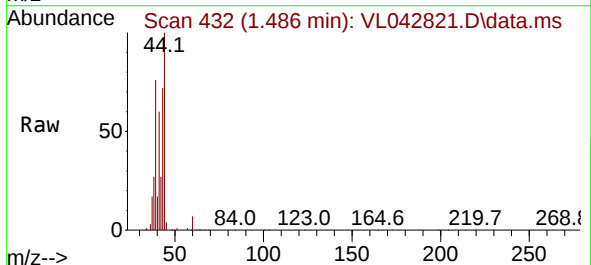
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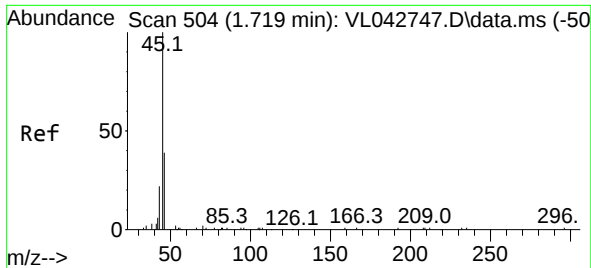
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#9
Propene
Concen: 1.033 ppbv m
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL042821.D
Acq: 05 Aug 2025 00:12

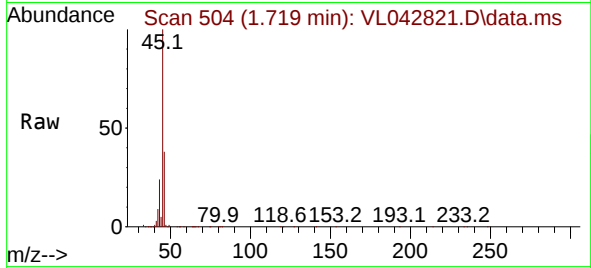
Tgt Ion: 41 Resp: 9579
Ion Ratio Lower Upper
41 100
42 8052.3 53.2 79.8#





#13
Ethanol
Concen: 330.517 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042821.D
Acq: 05 Aug 2025 00:12

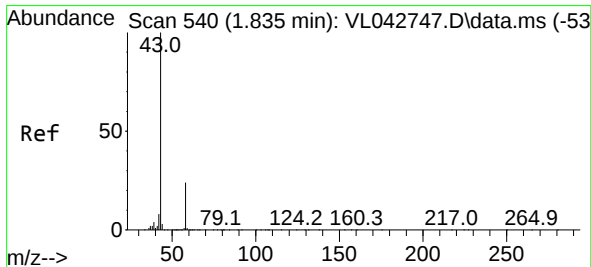
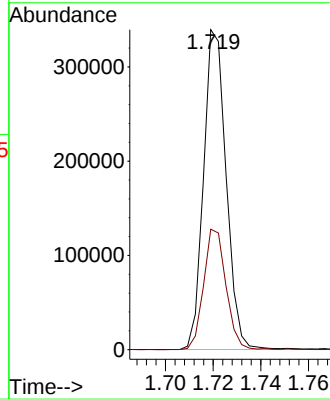
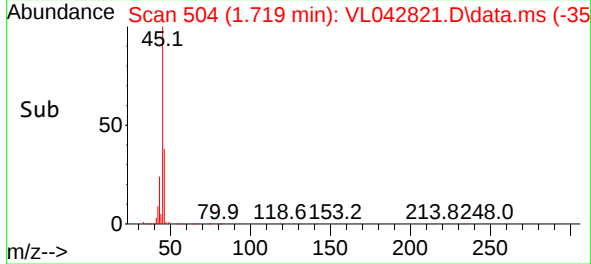
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-2DL



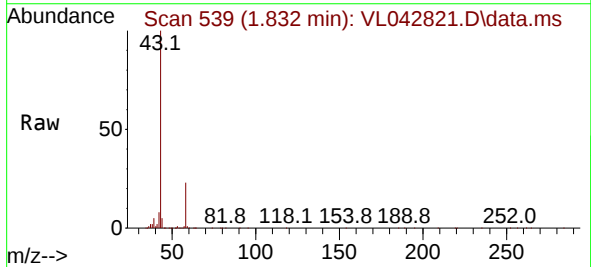
Tgt Ion: 45 Resp: 223904
Ion Ratio Lower Upper
45 100
46 37.8 17.8 71.4

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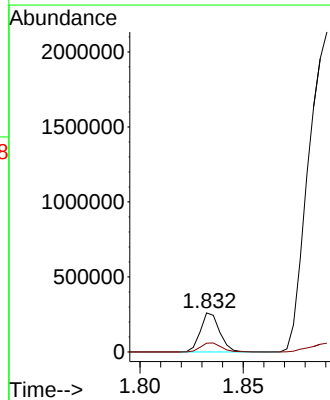
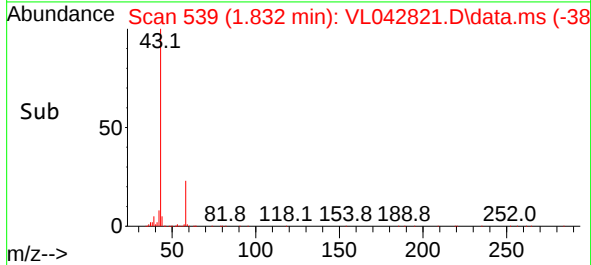
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

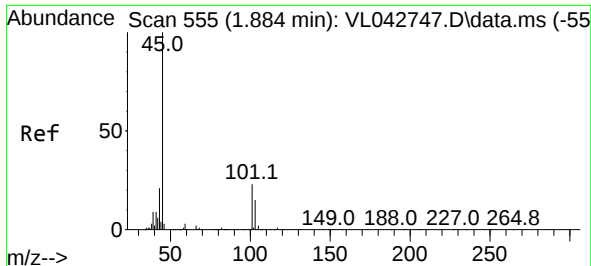


#15
Acetone
Concen: 8.215 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.003 min
Lab File: VL042821.D
Acq: 05 Aug 2025 00:12



Tgt Ion: 43 Resp: 168012
Ion Ratio Lower Upper
43 100
58 25.3 19.8 29.8





#19

Isopropyl Alcohol

Concen: 429.964 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL042821.D

Acq: 05 Aug 2025 00:12

Instrument :

MSVOA_L

ClientSampleId :

WONDER IA-2DL

Tgt Ion: 45 Resp: 467305

Ion Ratio Lower Upper

45 100

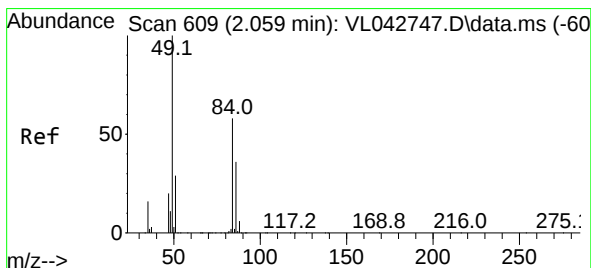
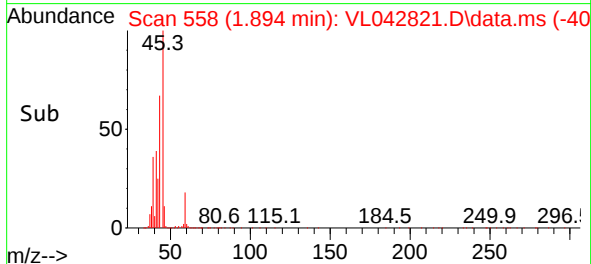
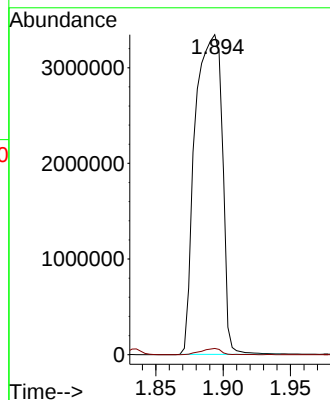
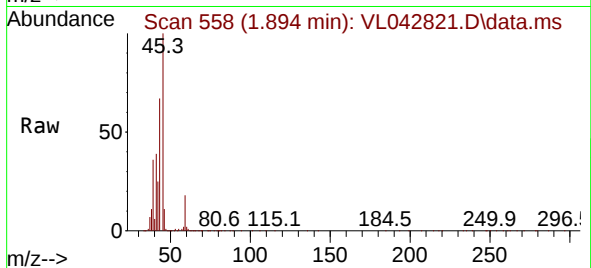
58 1.5 30.0 45.0

Manual Integrations

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#20

Methylene Chloride

Concen: 0.353 ppbv

RT: 2.059 min Scan# 609

Delta R.T. 0.000 min

Lab File: VL042821.D

Acq: 05 Aug 2025 00:12

Tgt Ion: 84 Resp: 2276

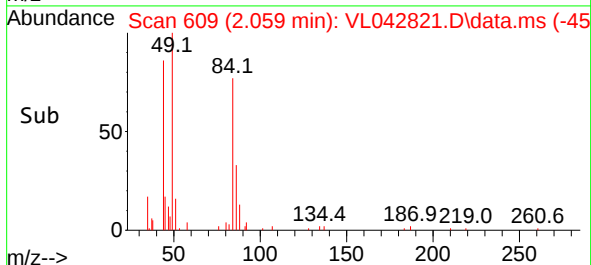
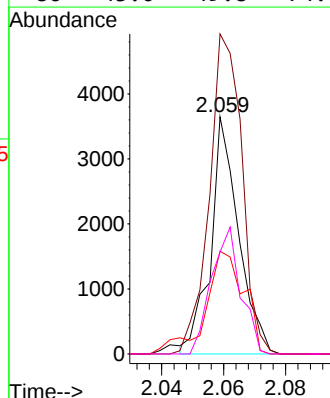
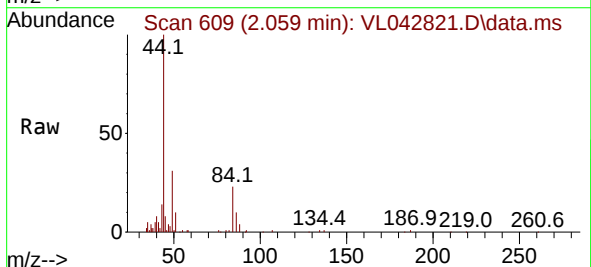
Ion Ratio Lower Upper

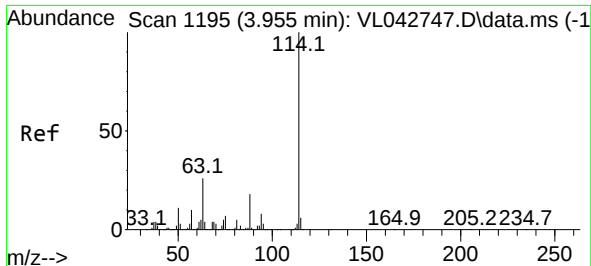
84 100

49 134.9 138.6 208.0#

51 43.3 40.6 61.0

86 43.0 49.8 74.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VL042821.D

Acq: 05 Aug 2025 00:12

Instrument :

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ClientSampleId :

WONDER IA-2DL

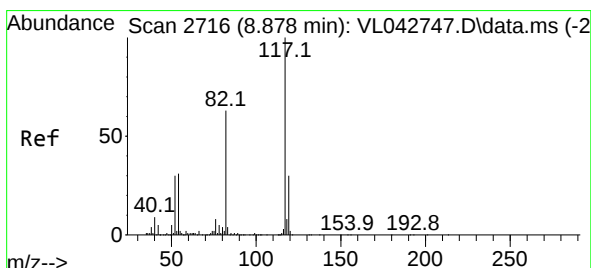
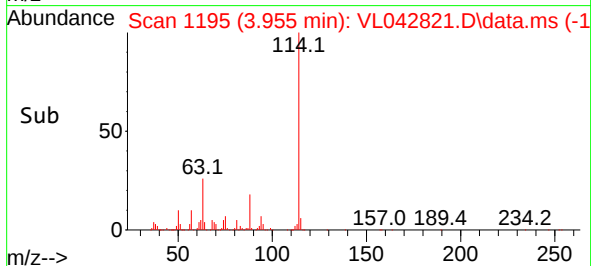
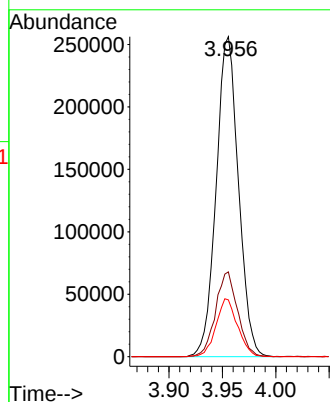
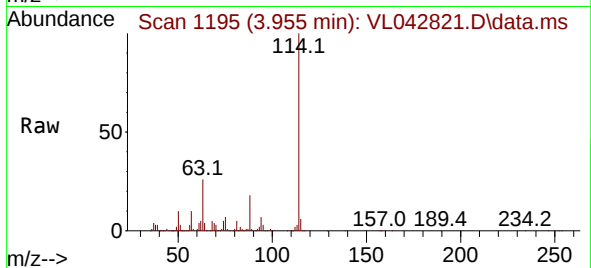
Tgt Ion:114 Resp: 371352

Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.5	30.7
88	17.6	14.0	21.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.878 min Scan# 2716

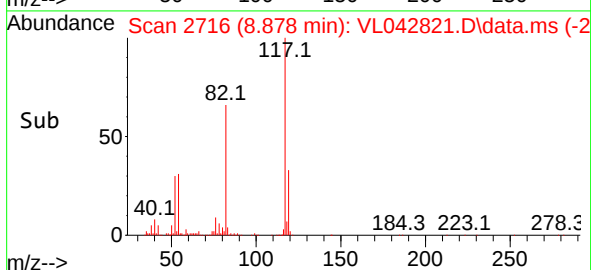
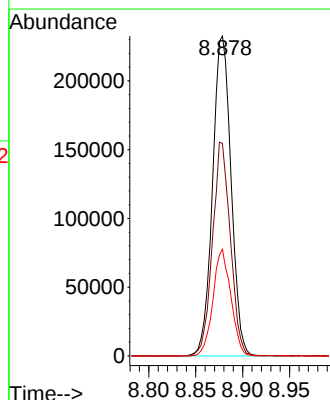
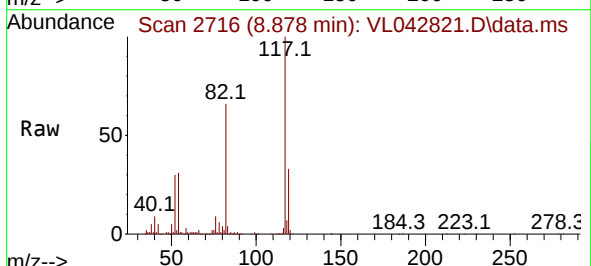
Delta R.T. 0.000 min

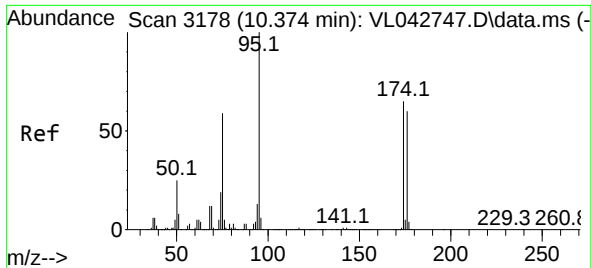
Lab File: VL042821.D

Acq: 05 Aug 2025 00:12

Tgt Ion:117 Resp: 318755

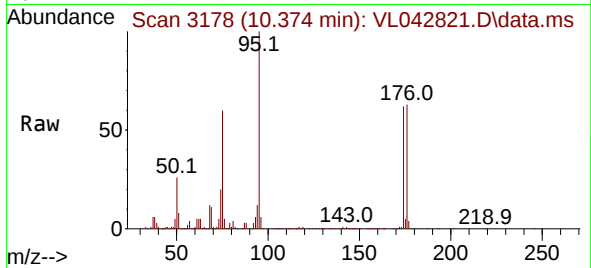
Ion	Ratio	Lower	Upper
117	100		
82	64.6	53.3	79.9
119	32.2	25.8	38.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.801 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.000 min
 Lab File: VL042821.D
 Acq: 05 Aug 2025 00:12

Instrument :
 MSVOA_L
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 WONDER IA-2DL



Tgt Ion: 95 Resp: 247400
 Ion Ratio Lower Upper
 95 100
 174 65.4 53.8 80.6
 175 5.1 4.0 6.0

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