

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042815.D
 Acq On : 04 Aug 2025 20:49
 Operator : SY/MD
 Sample : Q2750-04DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-5DL

Quant Time: Aug 05 01:12:56 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 01:12:56 2025
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.787	49	151902	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	412340	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	344266	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	261303	9.584	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	1.473	51	102736	3.927	ppbv	99
9) Propene	1.486	41	6802m	0.715	ppbv	
13) Ethanol	1.722	45	188043	270.448	ppbv	90
15) Acetone	1.836	43	133054	6.343	ppbv	99
19) Isopropyl Alcohol	1.891	45	4242568	380.618	ppbv #	40
20) Methylene Chloride	2.062	84	4526	0.685	ppbv #	80
26) Hexane	2.826	57	4065	0.200	ppbv #	81

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

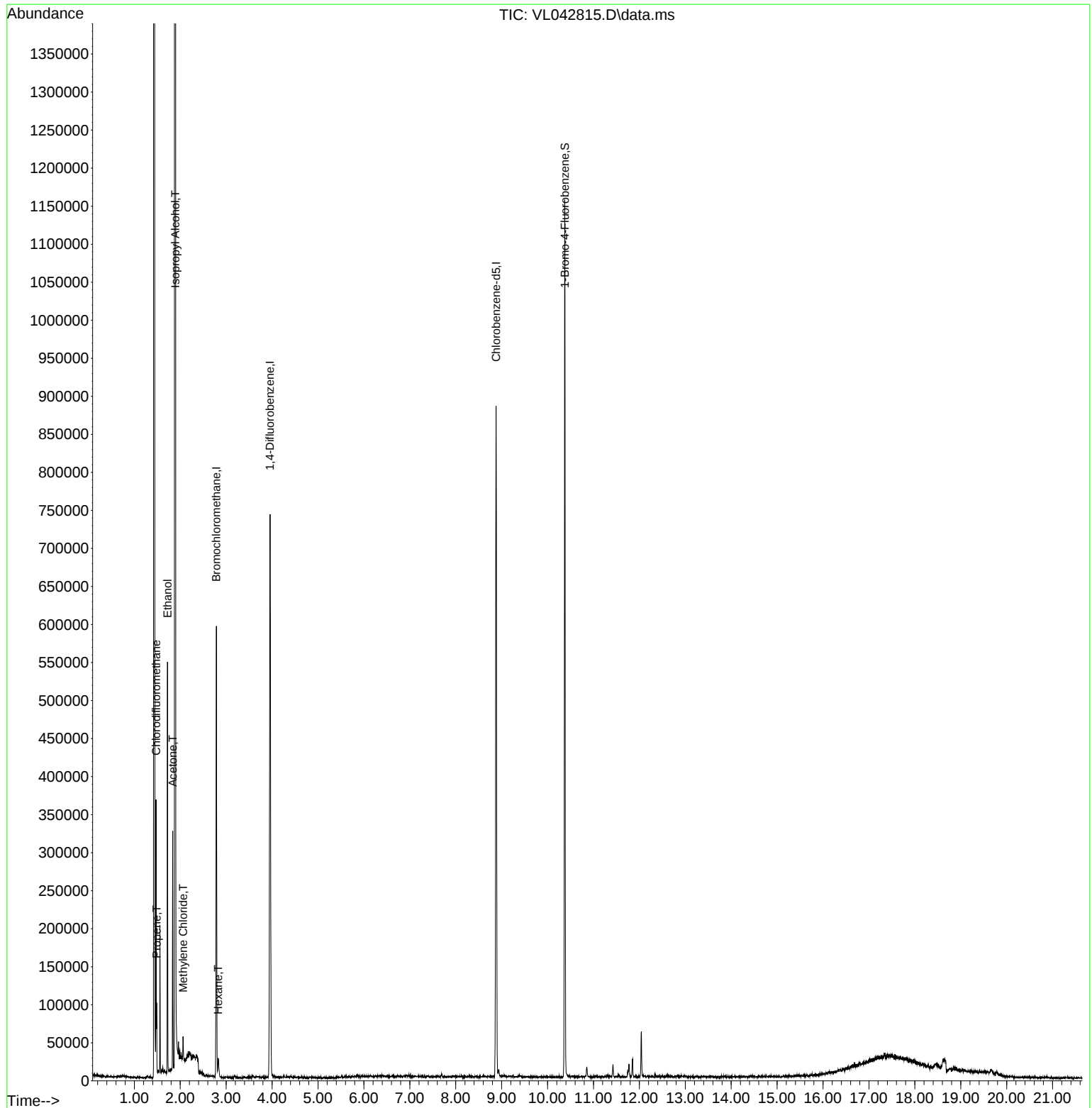
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
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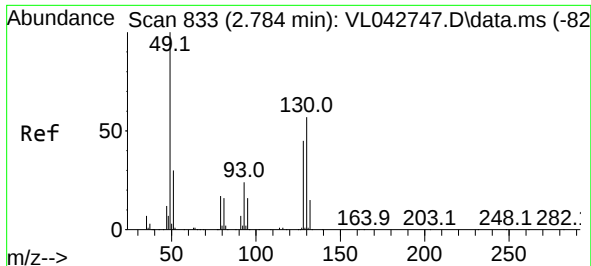
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ClientSampleId :
WONDER IA-5DL

Quant Time: Aug 05 01:12:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
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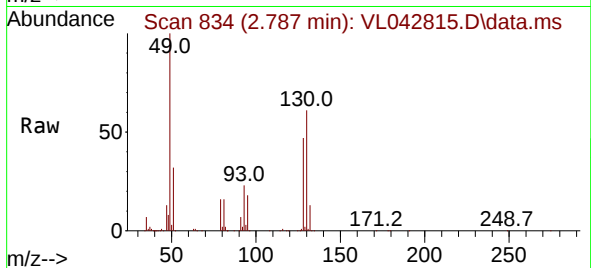
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042815.D
Acq: 04 Aug 2025 20:49

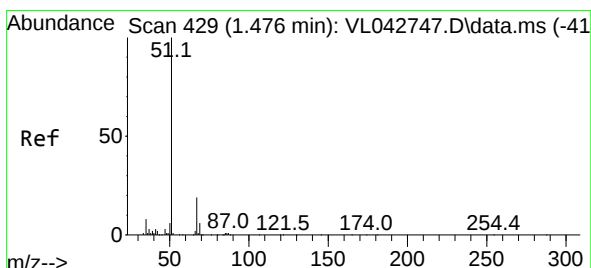
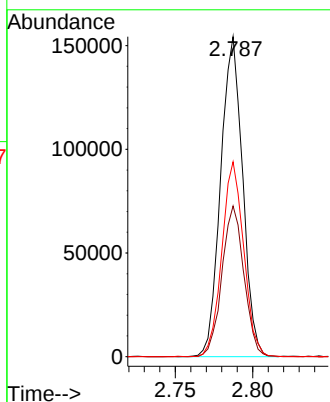
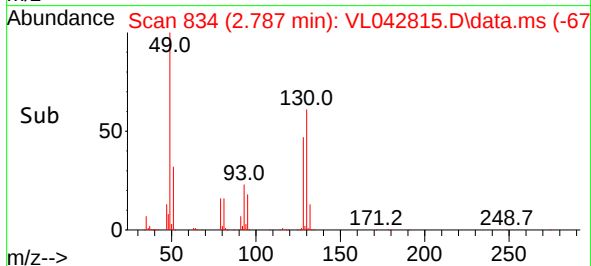
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5DL



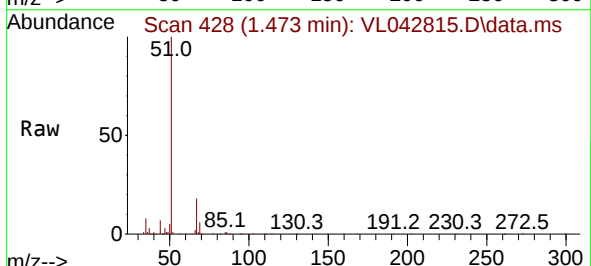
Tgt Ion: 49 Resp: 151902
Ion Ratio Lower Upper
49 100
128 47.2 23.6 71.0
130 60.6 30.3 90.8

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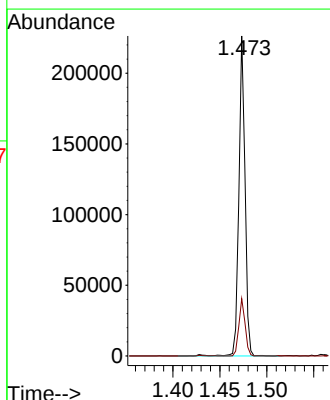
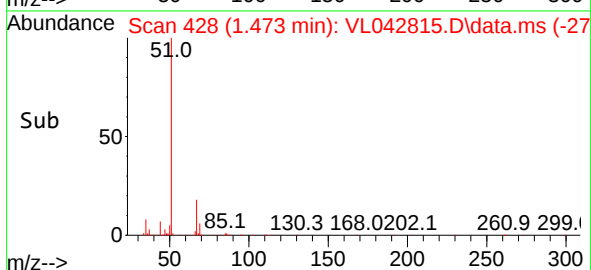
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

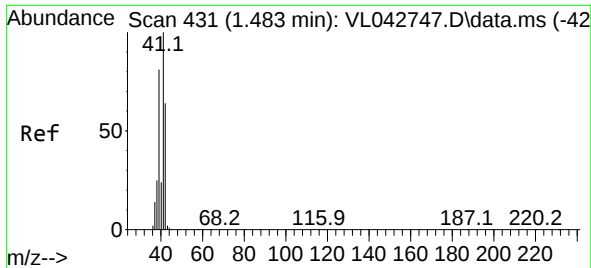


#3
Chlorodifluoromethane
Concen: 3.927 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042815.D
Acq: 04 Aug 2025 20:49



Tgt Ion: 51 Resp: 102736
Ion Ratio Lower Upper
51 100
67 18.5 15.0 22.6





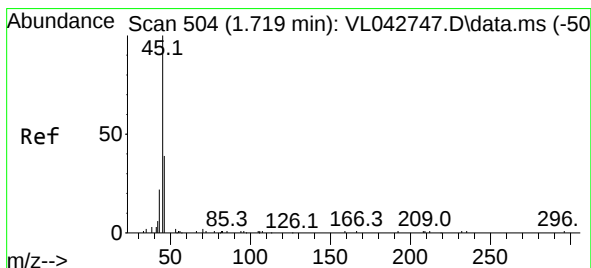
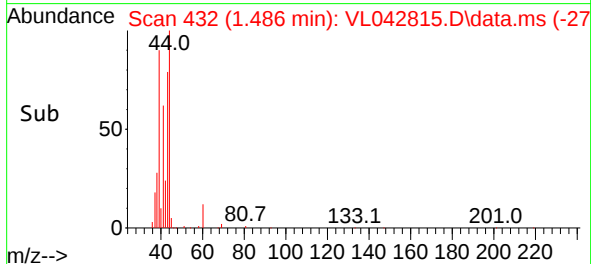
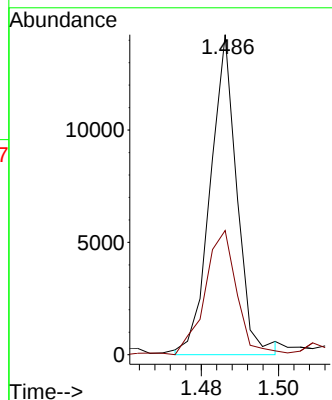
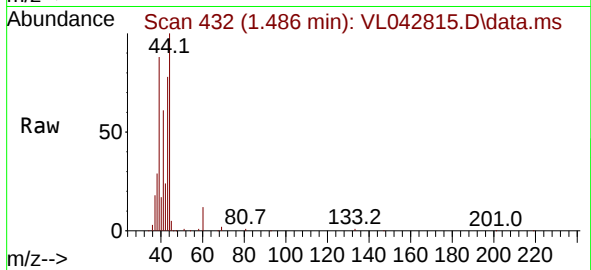
#9
 Propene
 Concen: 0.715 ppbv m
 RT: 1.486 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL042815.D
 Acq: 04 Aug 2025 20:49

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-5DL

Tgt Ion: 41 Resp: 680
 Ion Ratio Lower Upper
 41 100
 42 9363.9 53.2 79.8

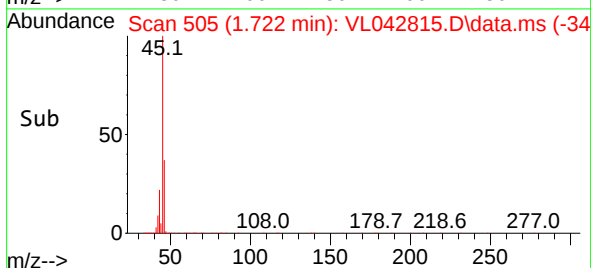
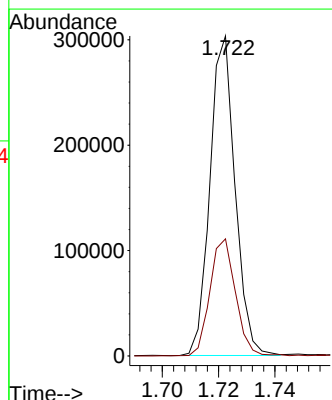
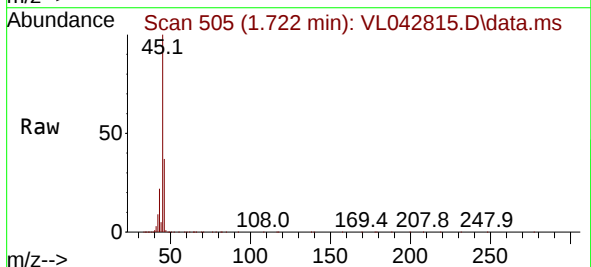
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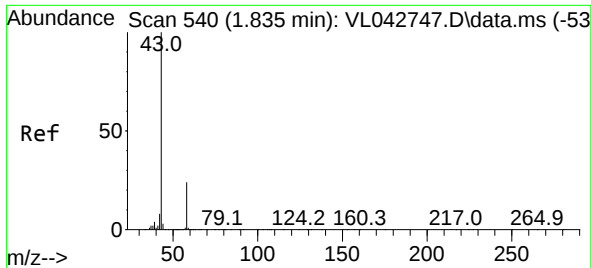
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#13
 Ethanol
 Concen: 270.448 ppbv
 RT: 1.722 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL042815.D
 Acq: 04 Aug 2025 20:49

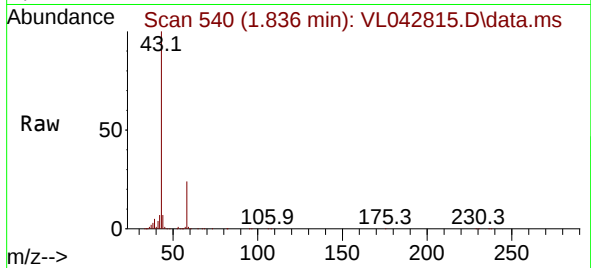
Tgt Ion: 45 Resp: 188043
 Ion Ratio Lower Upper
 45 100
 46 37.8 17.8 71.4





#15
Acetone
Concen: 6.343 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042815.D
Acq: 04 Aug 2025 20:49

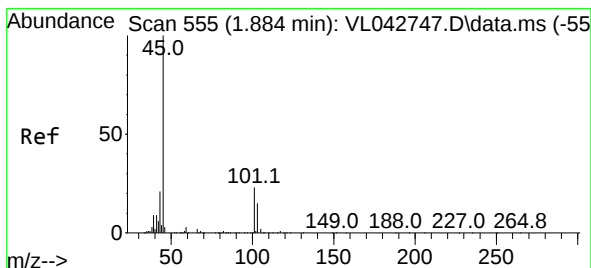
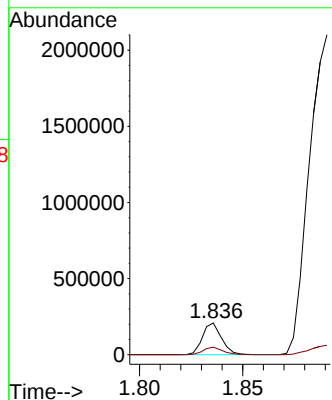
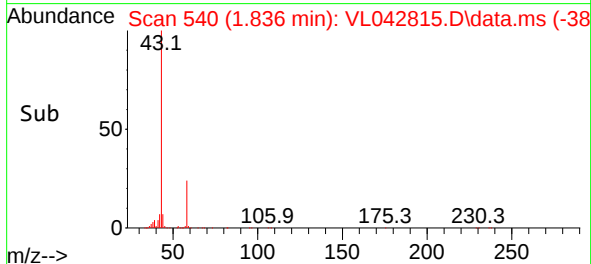
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5DL



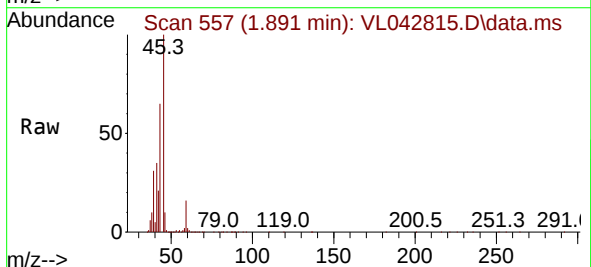
Tgt Ion: 43 Resp: 133054
Ion Ratio Lower Upper
43 100
58 24.3 19.8 29.8

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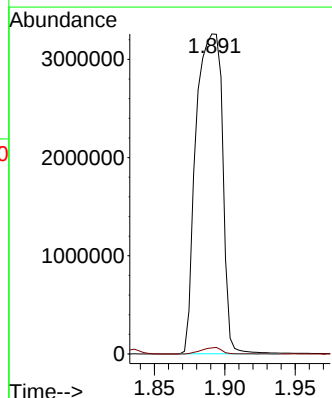
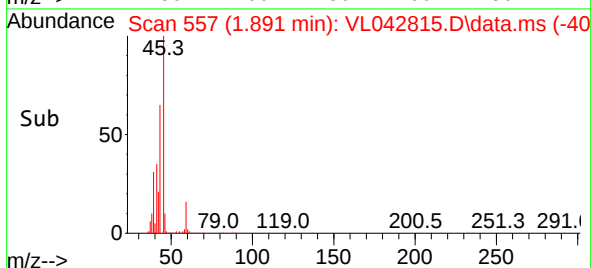
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

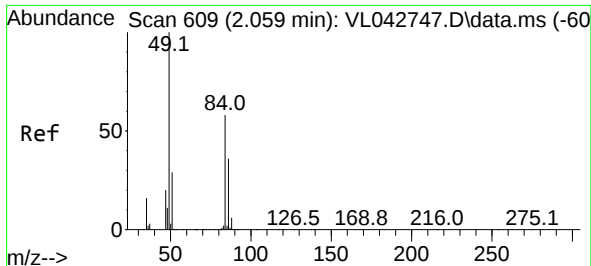


#19
Isopropyl Alcohol
Concen: 380.618 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.007 min
Lab File: VL042815.D
Acq: 04 Aug 2025 20:49



Tgt Ion: 45 Resp: 4242568
Ion Ratio Lower Upper
45 100
58 1.6 30.0 45.0#





#20

Methylene Chloride

Concen: 0.685 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL042815.D

Acq: 04 Aug 2025 20:49

Instrument :

MSVOA_L

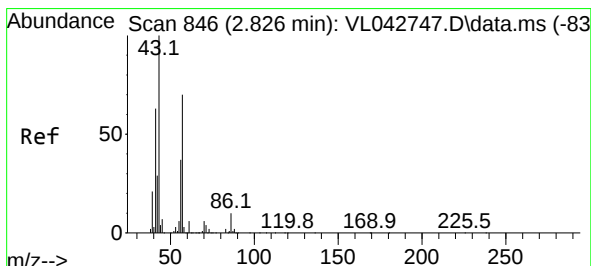
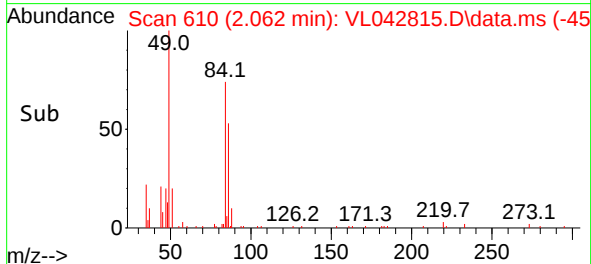
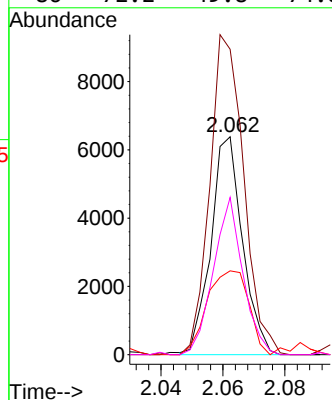
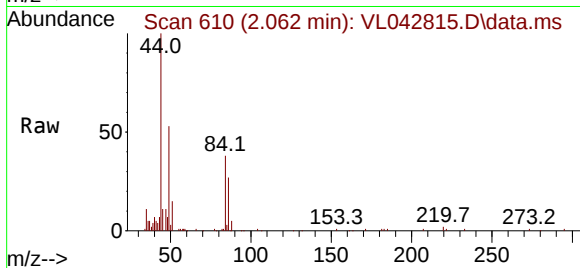
ClientSampleId :

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#26

Hexane

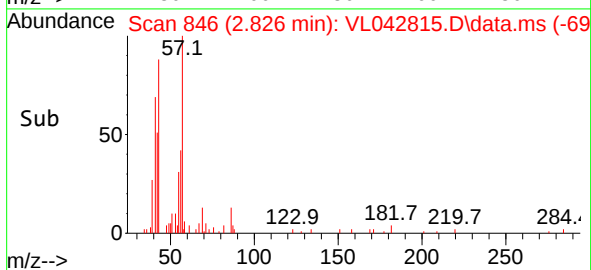
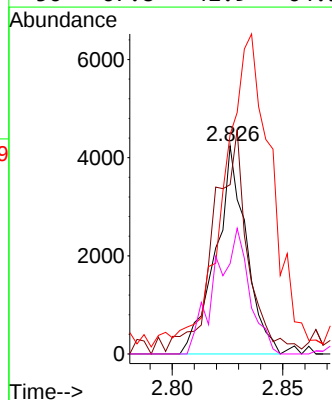
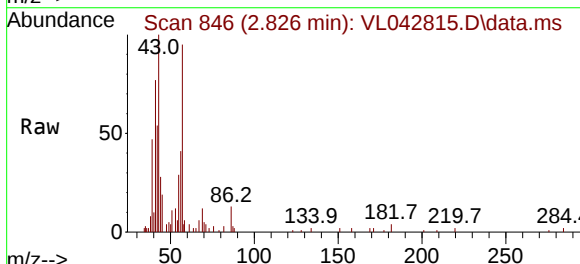
Concen: 0.200 ppbv

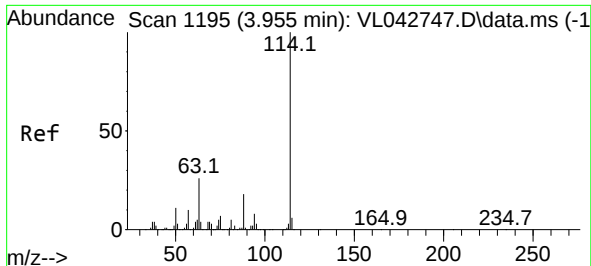
RT: 2.826 min Scan# 846

Delta R.T. 0.000 min

Lab File: VL042815.D

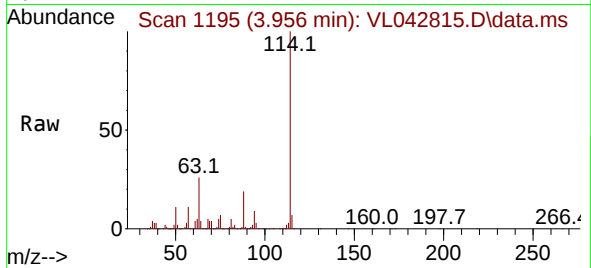
Acq: 04 Aug 2025 20:49





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.956 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VL042815.D
 Acq: 04 Aug 2025 20:49

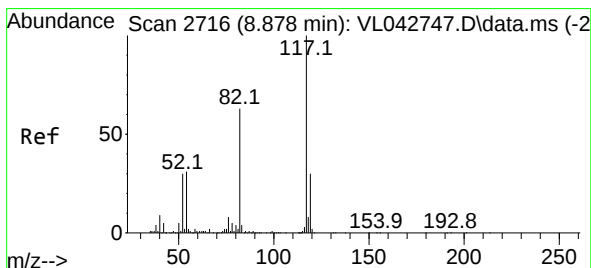
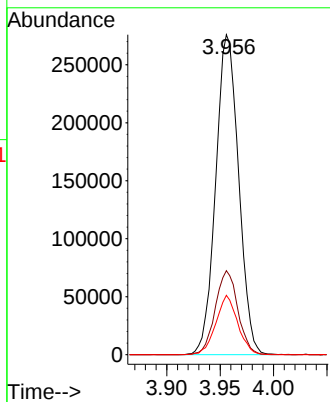
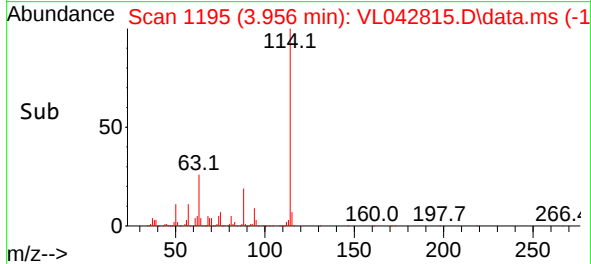
Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-5DL



Tgt Ion:114 Resp: 412340
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.5 30.7
 88 17.7 14.0 21.0

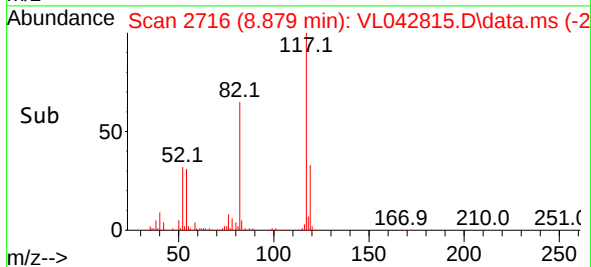
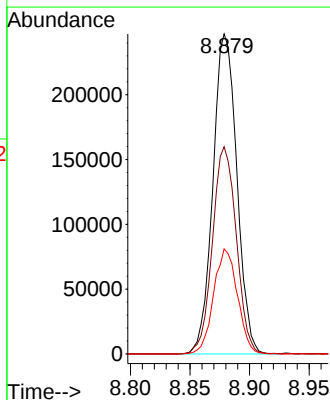
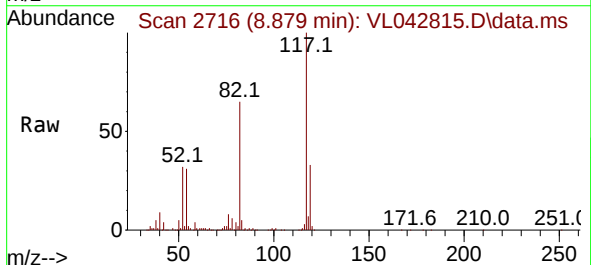
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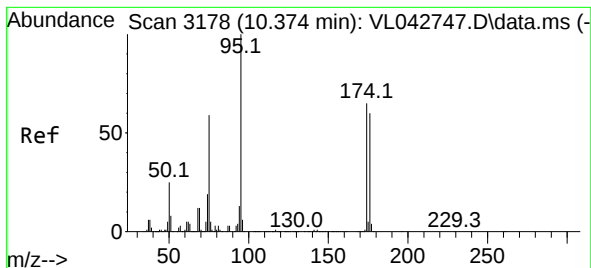
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.879 min Scan# 2716
 Delta R.T. 0.000 min
 Lab File: VL042815.D
 Acq: 04 Aug 2025 20:49

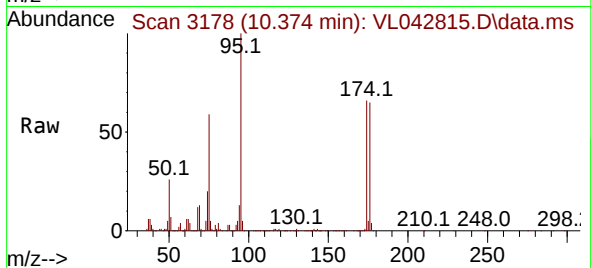
Tgt Ion:117 Resp: 344266
 Ion Ratio Lower Upper
 117 100
 82 64.6 53.3 79.9
 119 32.7 25.8 38.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.584 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.000 min
 Lab File: VL042815.D
 Acq: 04 Aug 2025 20:49

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-5DL



Tgt Ion: 95 Resp: 261300
 Ion Ratio Lower Upper
 95 100
 174 65.0 53.8 80.6
 175 4.8 4.0 6.0

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