

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042810.D
 Acq On : 04 Aug 2025 18:00
 Operator : SY/MD
 Sample : Q2750-10DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-11DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 01:10:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 5
 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	151986	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	405426	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	345370	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	255374	9.337	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.400%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	1.473	51	46568	1.779	ppbv	97
9) Propene	1.486	41	3397m	0.357	ppbv	
13) Ethanol	1.719	45	163998	235.588	ppbv	90
15) Acetone	1.836	43	66024	3.146	ppbv	98
19) Isopropyl Alcohol	1.884	45	2471720	221.626	ppbv #	39
26) Hexane	2.823	57	8716	0.428	ppbv #	47

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

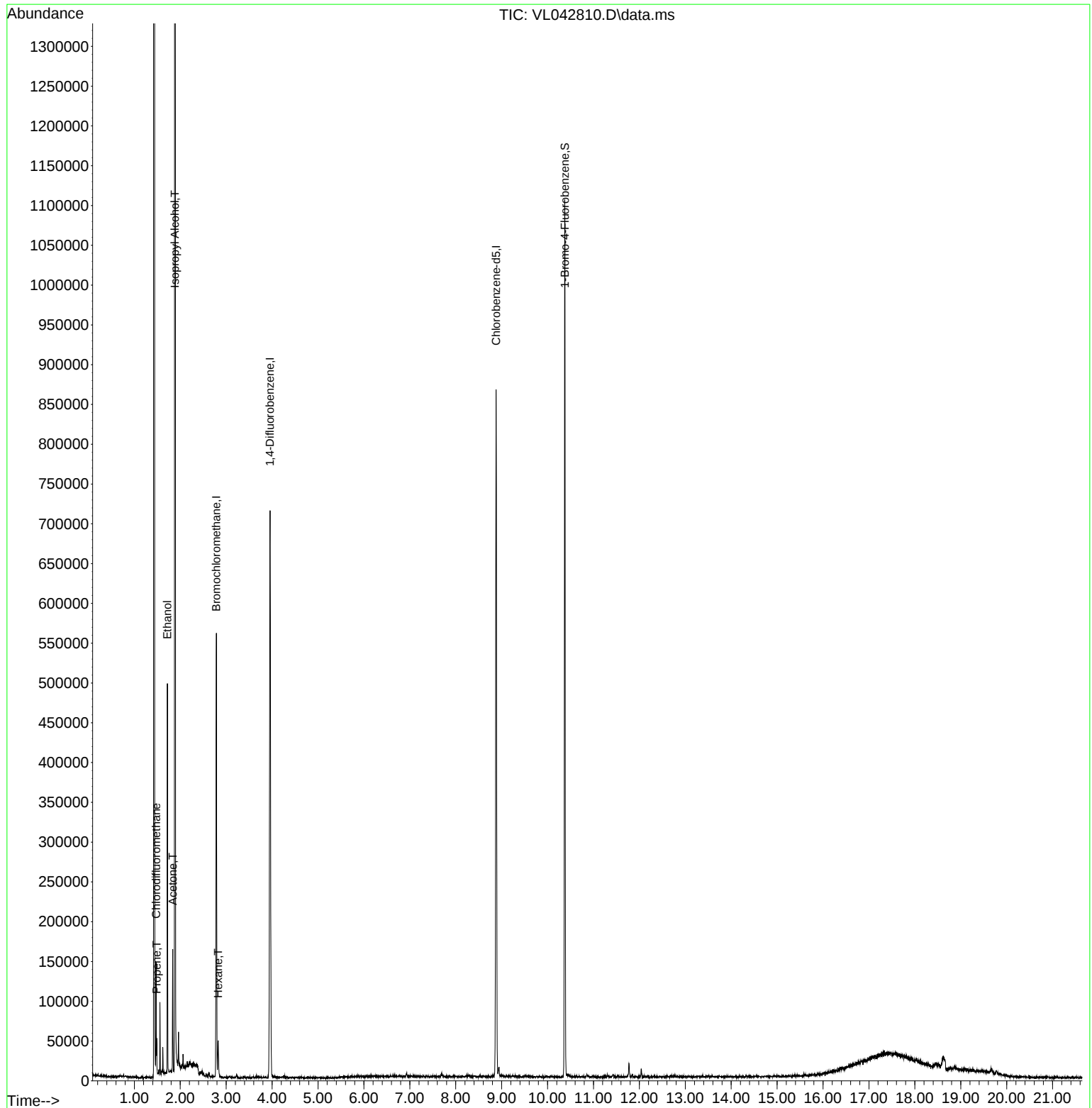
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
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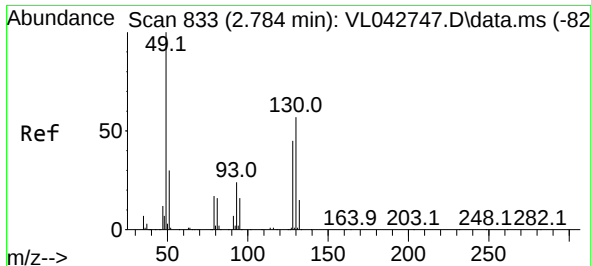
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Aug 05 01:10:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jul 24 05:24:41 2025
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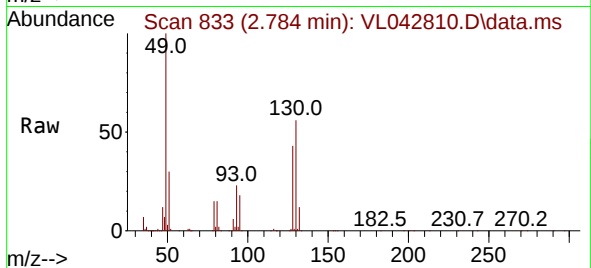
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00

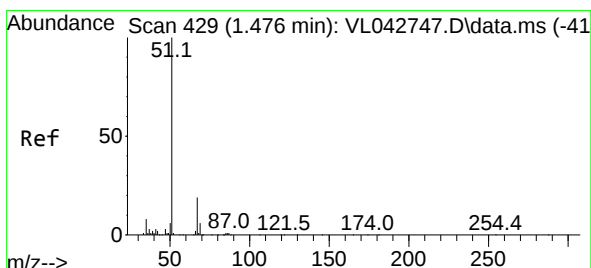
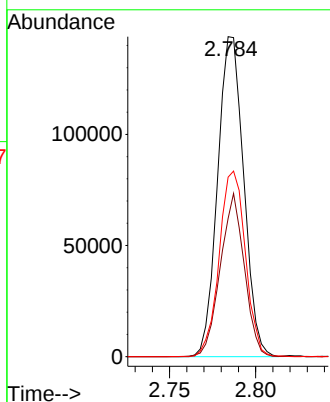
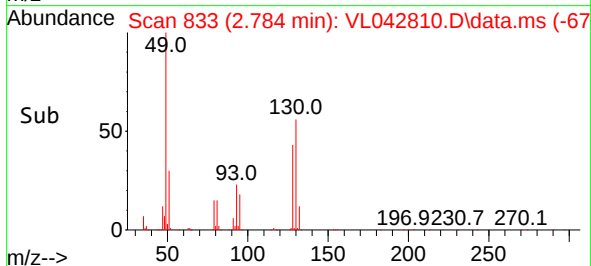
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-11DL



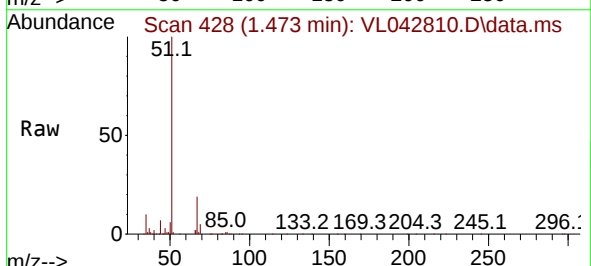
Tgt Ion: 49 Resp: 15198
Ion Ratio Lower Upper
49 100
128 46.8 23.6 71.0
130 58.2 30.3 90.8

Manual Integrations
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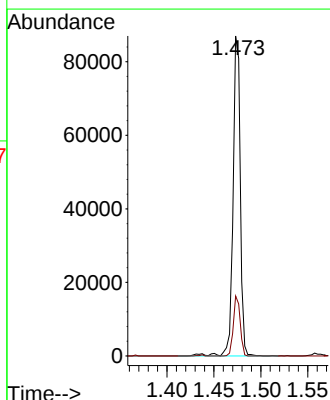
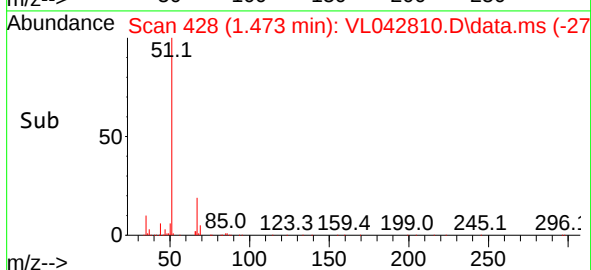
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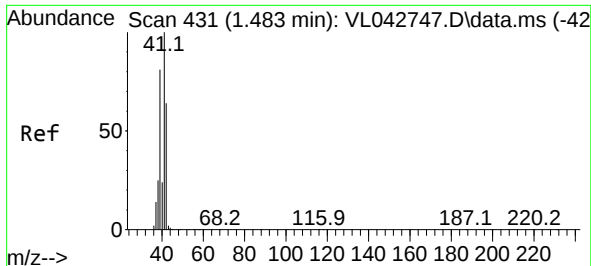


#3
Chlorodifluoromethane
Concen: 1.779 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00



Tgt Ion: 51 Resp: 46568
Ion Ratio Lower Upper
51 100
67 17.6 15.0 22.6





#9

Propene

Concen: 0.357 ppbv m

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042810.D

Acq: 04 Aug 2025 18:00

Instrument :

MSVOA_L

ClientSampleId :

WONDER IA-11DL

Tgt Ion: 41 Resp: 339

Ion Ratio Lower Upper

41 100

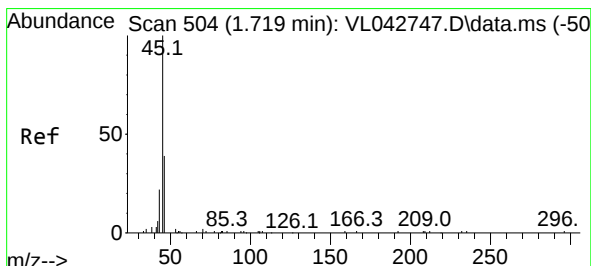
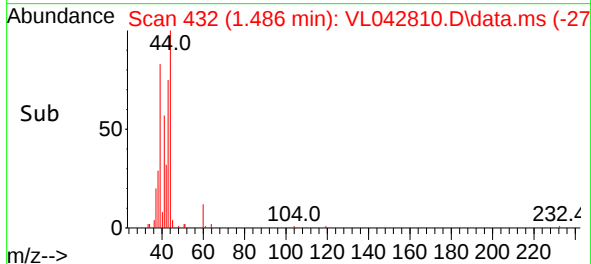
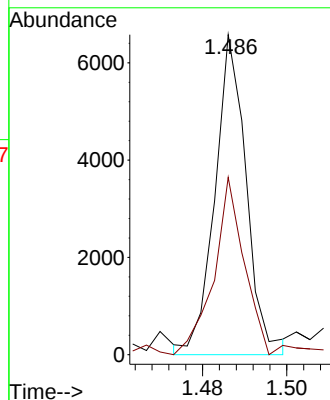
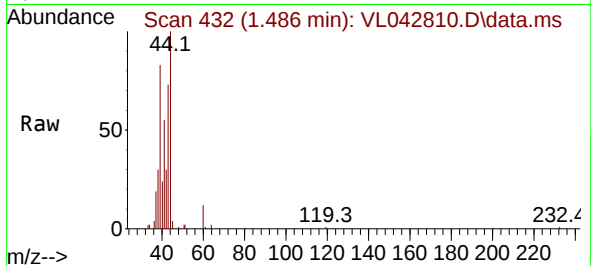
42 6346.9 53.2 79.8

Manual Integrations

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Supervised By :Mahesh Dadoda 08/05/2025



#13

Ethanol

Concen: 235.588 ppbv

RT: 1.719 min Scan# 504

Delta R.T. 0.000 min

Lab File: VL042810.D

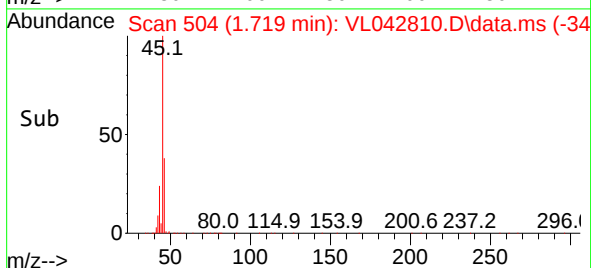
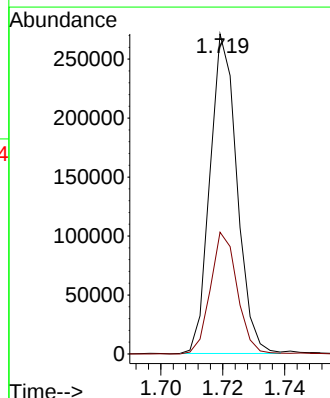
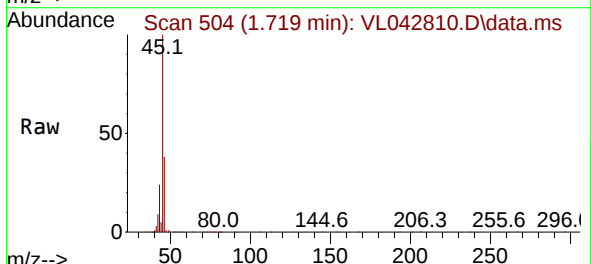
Acq: 04 Aug 2025 18:00

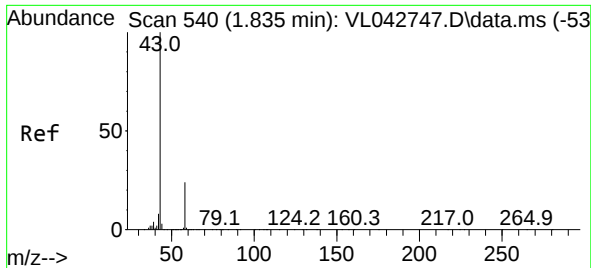
Tgt Ion: 45 Resp: 163998

Ion Ratio Lower Upper

45 100

46 38.3 17.8 71.4





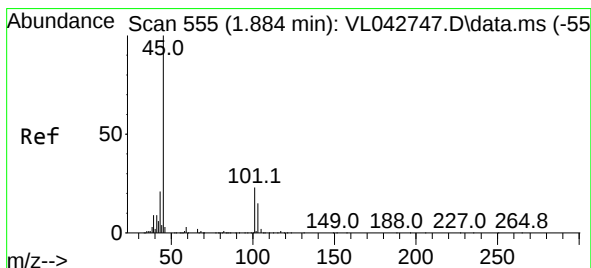
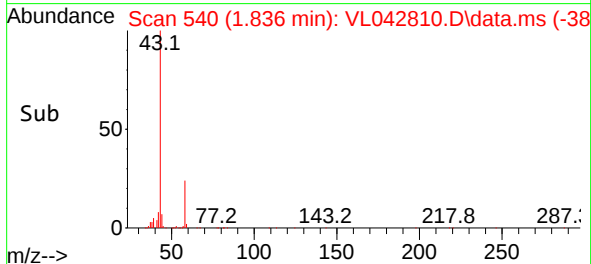
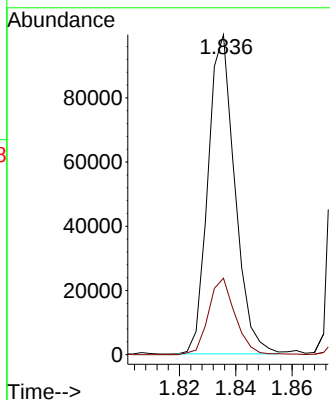
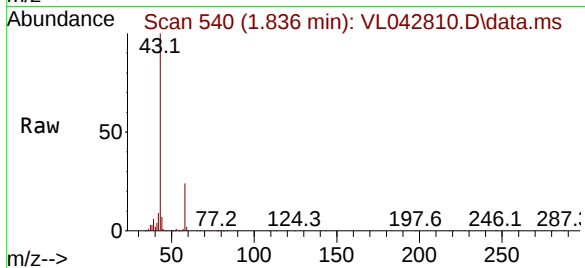
#15
Acetone
Concen: 3.146 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-11DL

Tgt Ion: 43 Resp: 66024
Ion Ratio Lower Upper
43 100
58 23.8 19.8 29.8

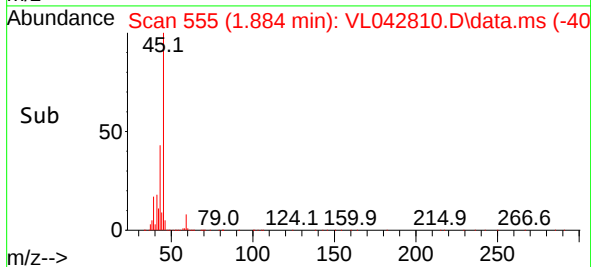
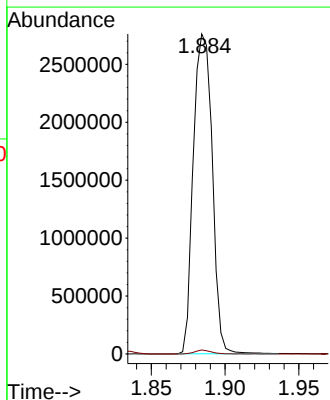
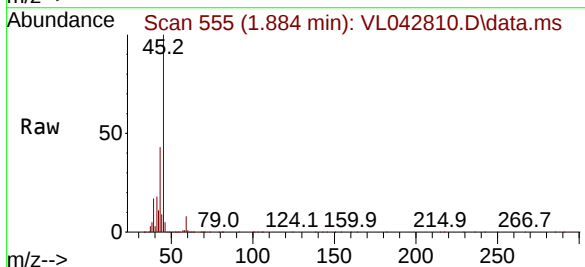
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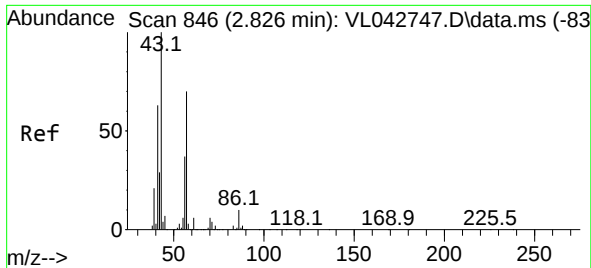
Reviewed By :Semsettin Yesilyurt 08/05/2025
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#19
Isopropyl Alcohol
Concen: 221.626 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00

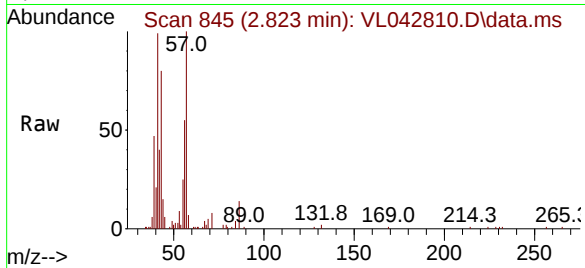
Tgt Ion: 45 Resp: 2471720
Ion Ratio Lower Upper
45 100
58 1.1 30.0 45.0#





#26
Hexane
Concen: 0.428 ppbv
RT: 2.823 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00

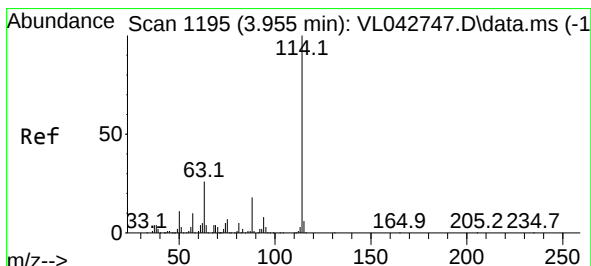
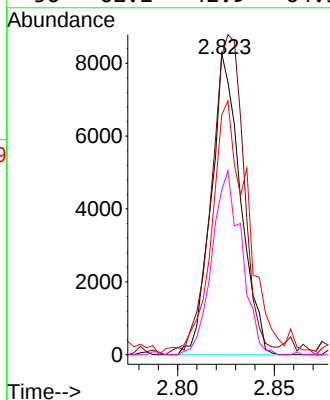
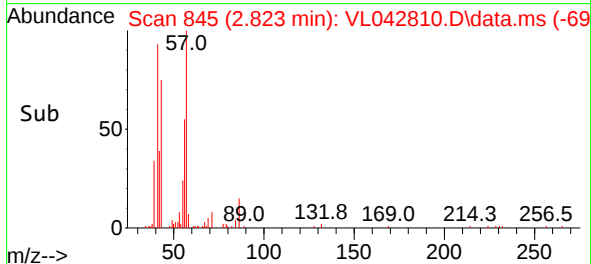
Instrument :
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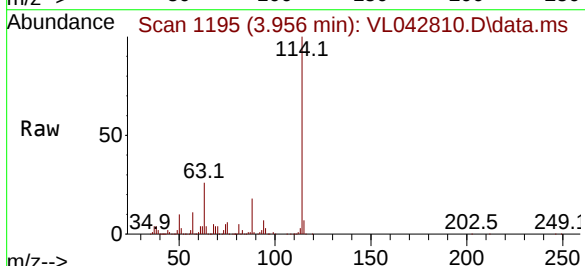
Tgt Ion: 57 Resp: 8710
Ion Ratio Lower Upper
57 100
41 124.7 75.4 113.2
43 111.7 185.0 277.6
56 62.2 42.9 64.3

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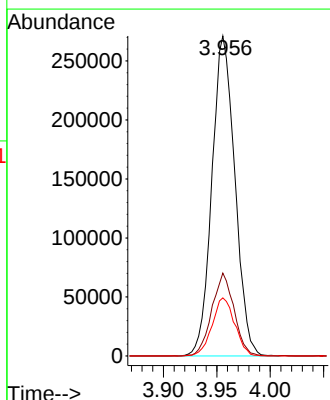
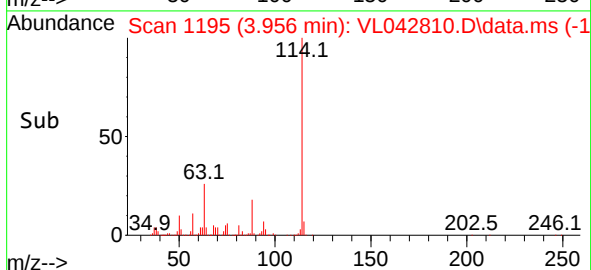
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

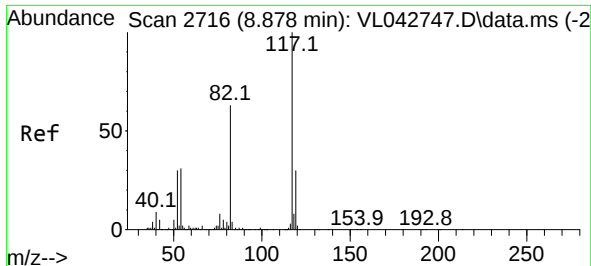


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.956 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00



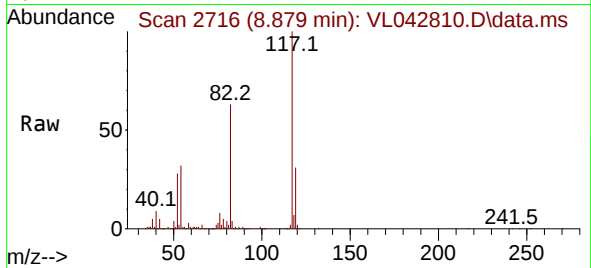
Tgt Ion:114 Resp: 405426
Ion Ratio Lower Upper
114 100
63 25.1 20.5 30.7
88 17.9 14.0 21.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.879 min Scan# 2716
Delta R.T. 0.000 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00

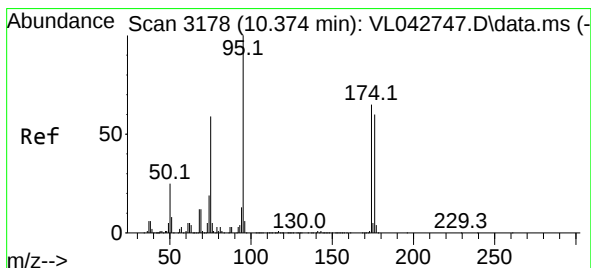
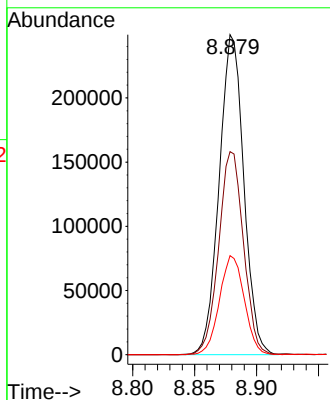
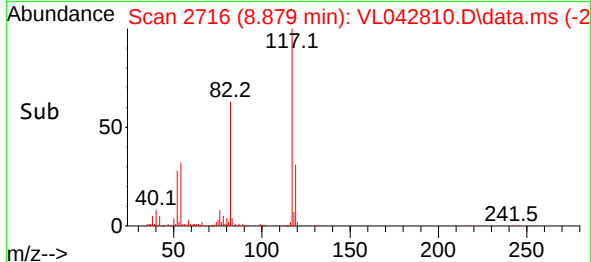
Instrument :
MSVOA_L
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Tgt Ion: 117 Resp: 345370
Ion Ratio Lower Upper
117 100
82 64.1 53.3 79.9
119 31.3 25.8 38.6

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.337 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.000 min
Lab File: VL042810.D
Acq: 04 Aug 2025 18:00

Tgt Ion: 95 Resp: 255374
Ion Ratio Lower Upper
95 100
174 66.0 53.8 80.6
175 4.8 4.0 6.0

