

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042324.D
 Acq On : 11 Apr 2025 17:10
 Operator : SY/MD
 Sample : Q1665-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-1-3242025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 23:03:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 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	2.793	49	176603	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	398133	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.888	117	325777	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	246592	9.217	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.200%
Target Compounds						
					Qvalue	
9) Propene	1.489	41	4857	0.398	ppbv	87
13) Ethanol	1.725	45	151755	131.481	ppbv	81
15) Acetone	1.839	43	316091	12.798	ppbv	96
19) Isopropyl Alcohol	1.890	45	67257	4.826	ppbv #	1
20) Methylene Chloride	2.065	84	15039	1.635	ppbv	90
26) Hexane	2.832	57	10875	0.439	ppbv #	41
29) Chloroform	2.855	83	3754m	0.104	ppbv	
34) 2-Butanone	2.564	43	28789	0.997	ppbv	97

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

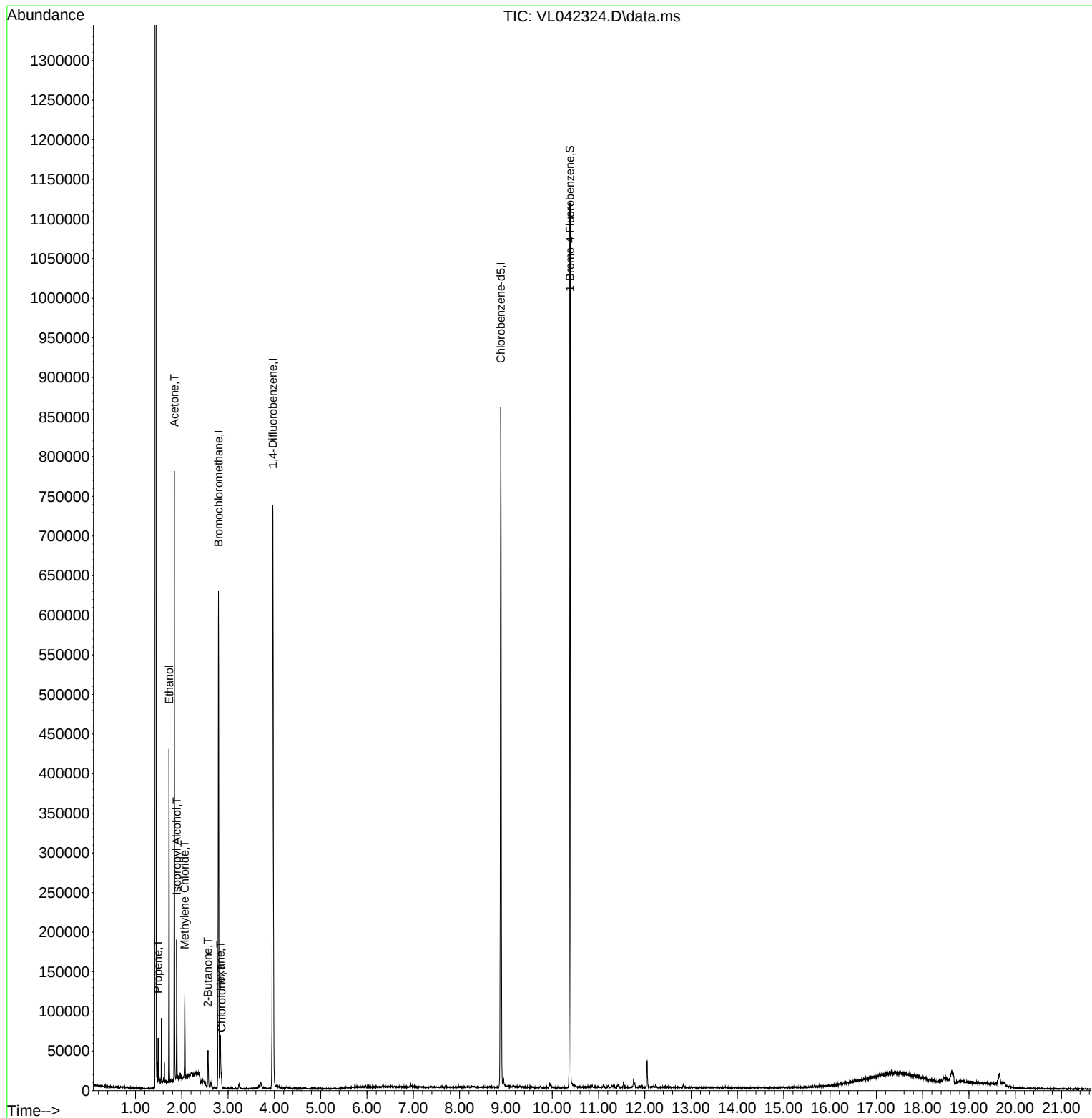
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
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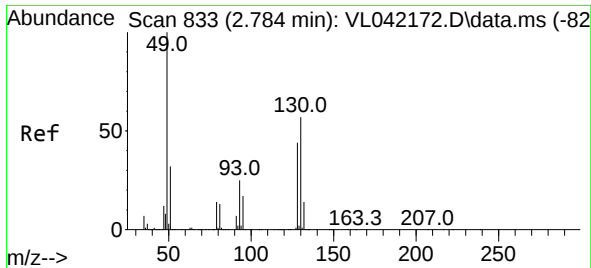
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-1-3242025DL

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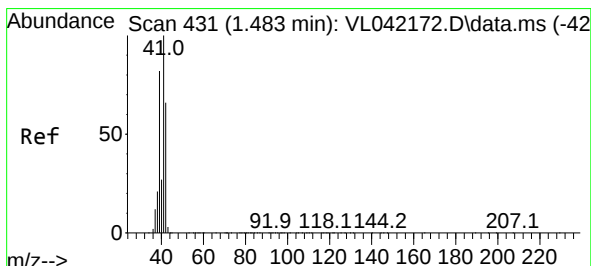
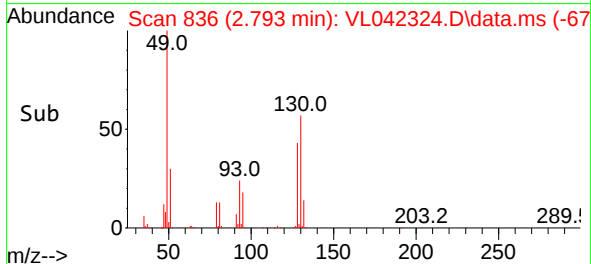
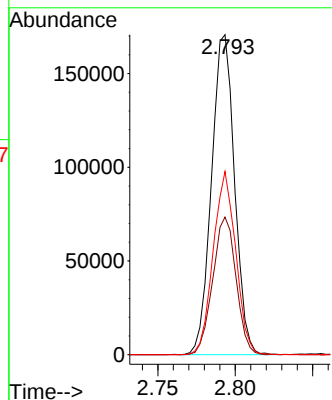
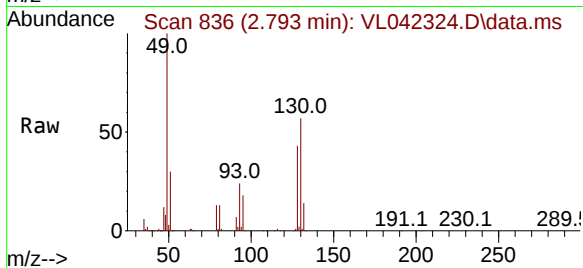
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

Instrument :
MSVOA_L
ClientSampleId :
IA-B10-1-3242025DL

Tgt Ion: 49 Resp: 17660
Ion Ratio Lower Upper
49 100
128 43.4 22.9 68.5
130 56.0 28.8 86.4

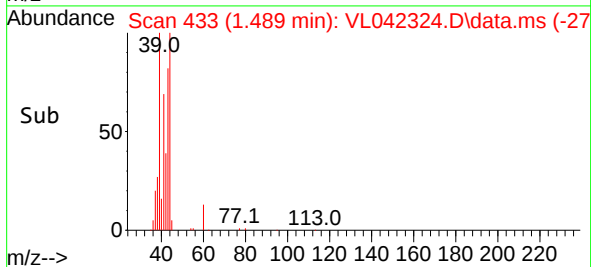
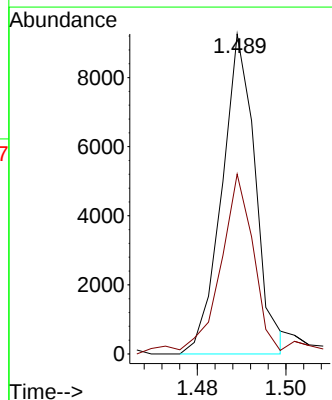
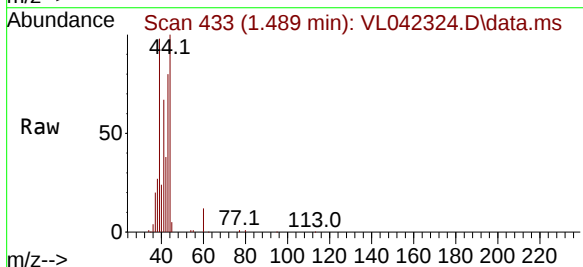
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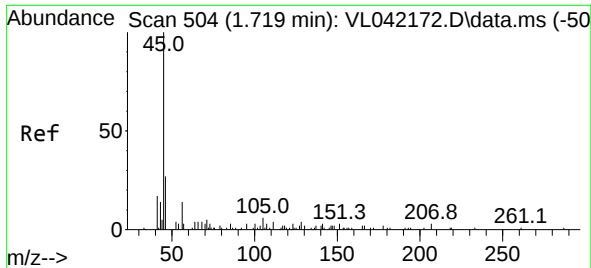
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#9
Propene
Concen: 0.398 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.006 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

Tgt Ion: 41 Resp: 4857
Ion Ratio Lower Upper
41 100
42 59.0 55.4 83.2





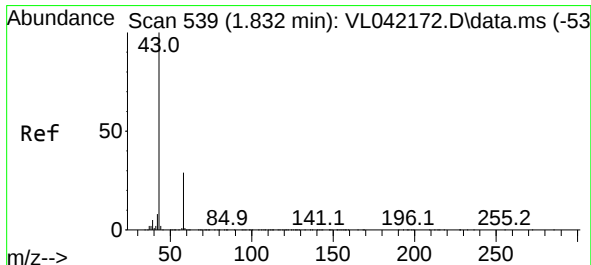
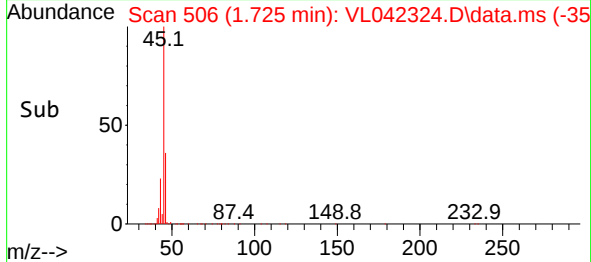
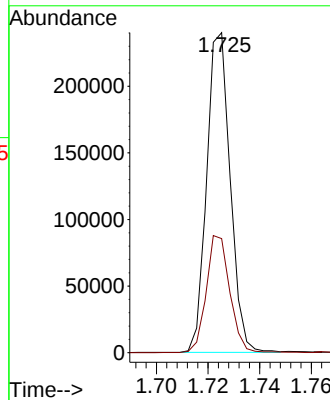
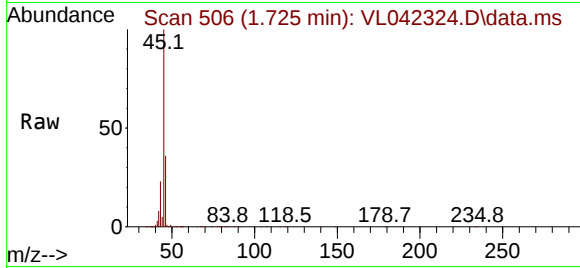
#13
Ethanol
Concen: 131.481 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.006 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

Instrument :
MSVOA_L
ClientSampleId :
IA-B10-1-3242025DL

Tgt Ion: 45 Resp: 151758
Ion Ratio Lower Upper
45 100
46 37.0 20.2 80.8

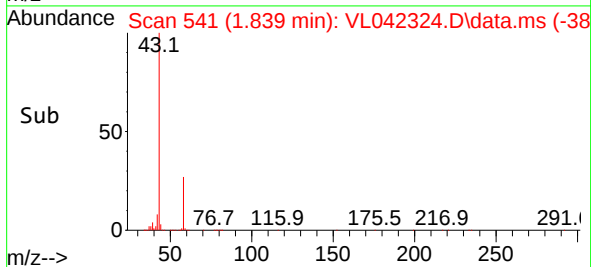
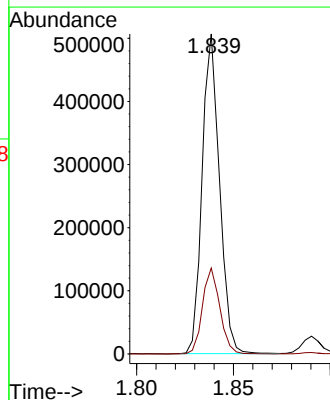
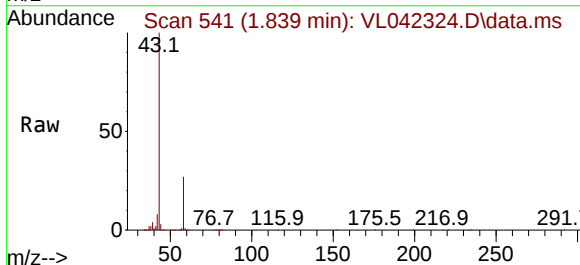
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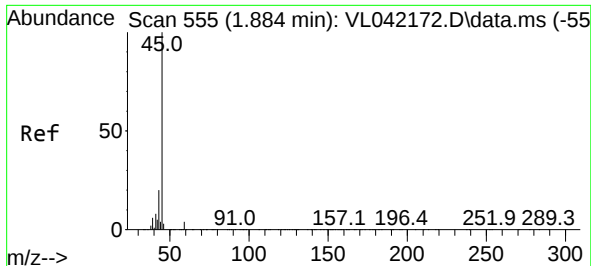
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#15
Acetone
Concen: 12.798 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

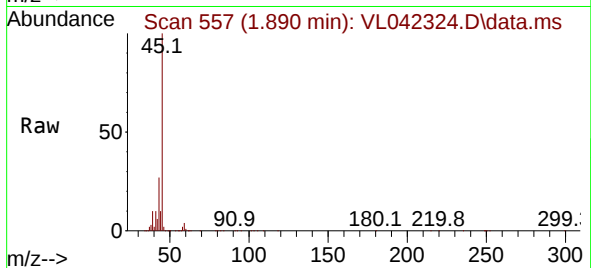
Tgt Ion: 43 Resp: 316091
Ion Ratio Lower Upper
43 100
58 26.9 23.2 34.8





#19
Isopropyl Alcohol
Concen: 4.826 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

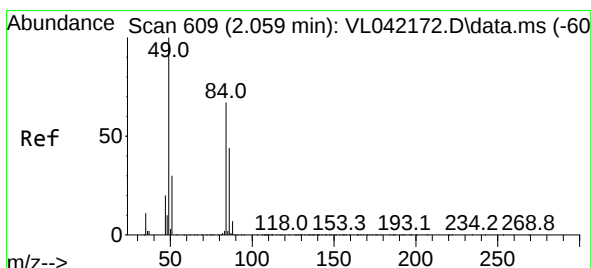
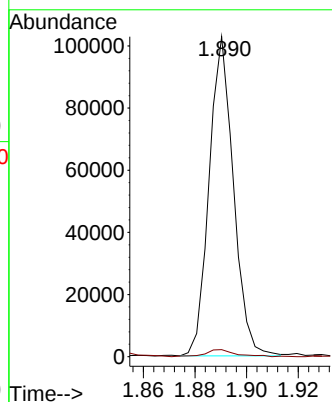
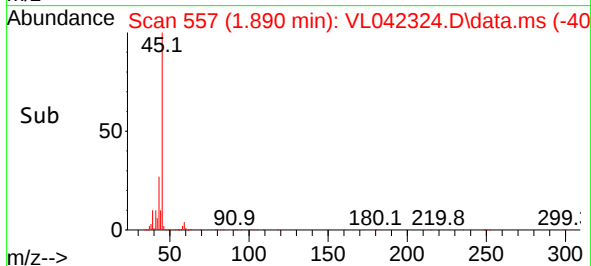
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-1-3242025DL



Tgt Ion: 45 Resp: 6725
Ion Ratio Lower Upper
45 100
58 126.4 36.9 55.3

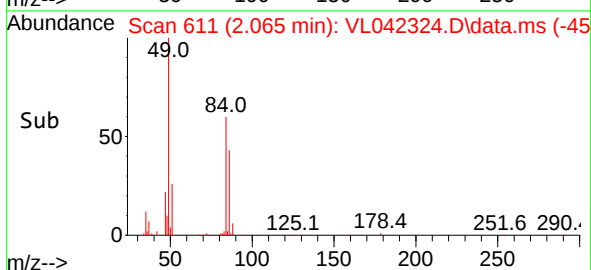
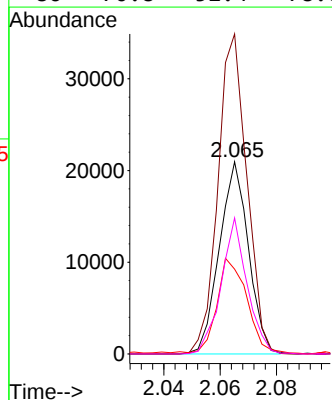
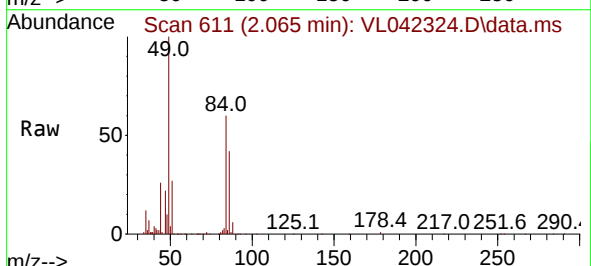
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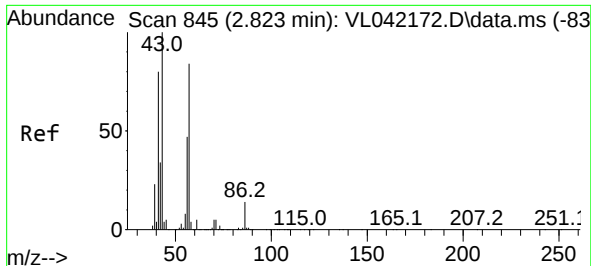
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 1.635 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

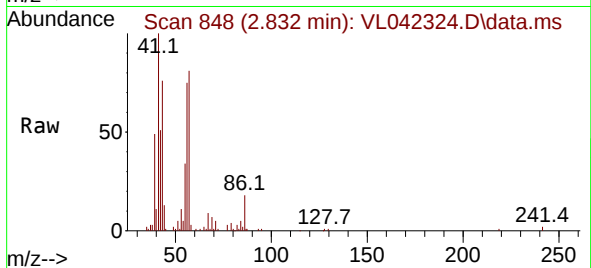
Tgt Ion: 84 Resp: 15039
Ion Ratio Lower Upper
84 100
49 166.5 120.2 180.4
51 42.7 37.4 56.0
86 70.8 52.4 78.6





#26
Hexane
Concen: 0.439 ppbv
RT: 2.832 min Scan# 845
Delta R.T. 0.009 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

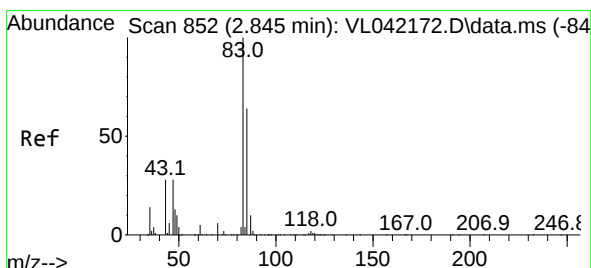
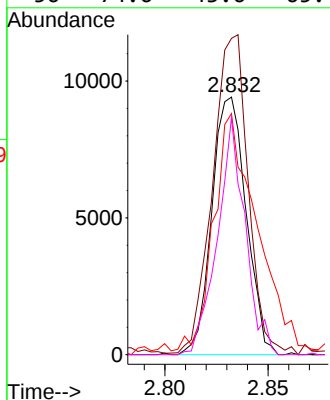
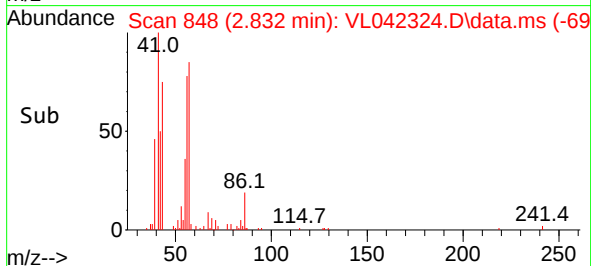
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-1-3242025DL



Tgt Ion: 57 Resp: 10879
Ion Ratio Lower Upper
57 100
41 127.0 76.6 114.8
43 125.5 207.8 311.8
56 74.6 43.6 65.4

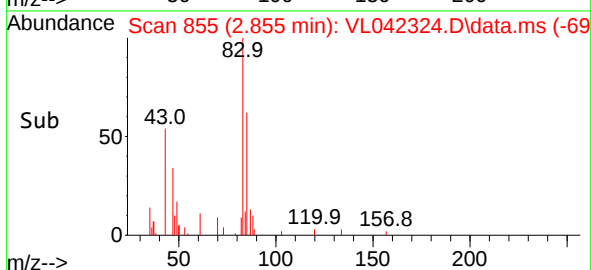
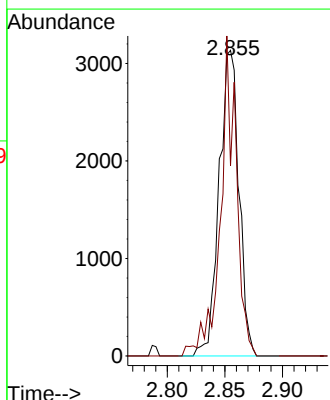
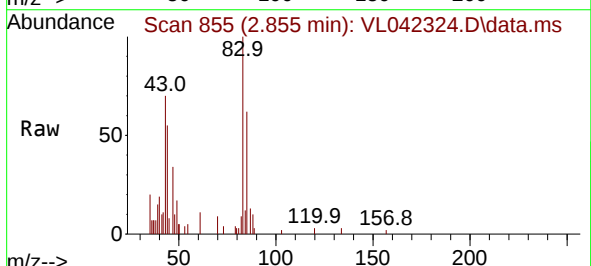
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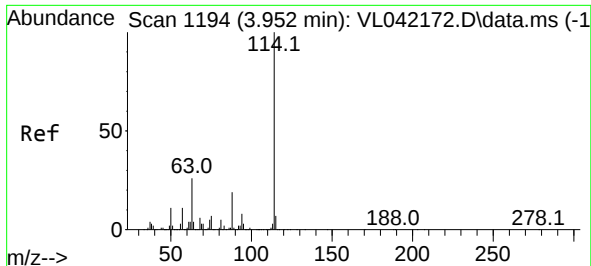
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#29
Chloroform
Concen: 0.104 ppbv m
RT: 2.855 min Scan# 855
Delta R.T. 0.009 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

Tgt Ion: 83 Resp: 3754
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.016 min

Lab File: VL042324.D

Acq: 11 Apr 2025 17:10

Instrument :

MSVOA_L

ClientSampleId :

IA-B10-1-3242025DL

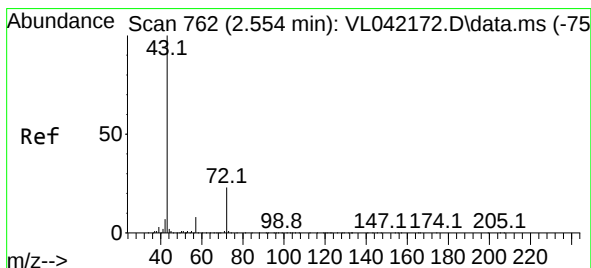
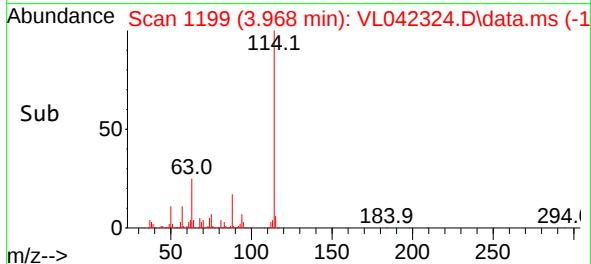
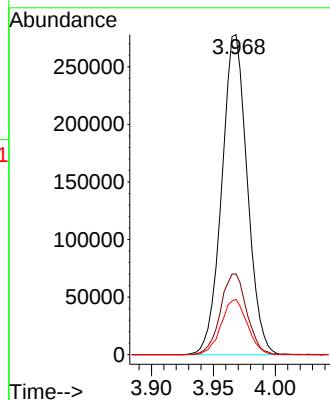
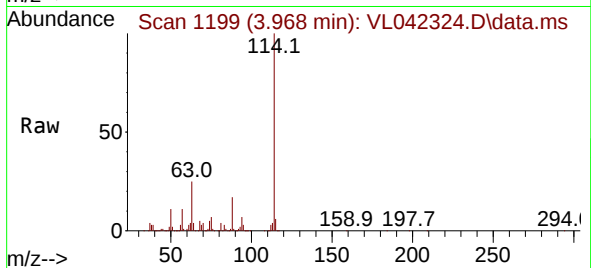
Tgt Ion:114 Resp: 39813

Ion	Ratio	Lower	Upper
114	100		
63	26.2	20.7	31.1
88	17.7	15.0	22.4

Manual Integrations

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#34

2-Butanone

Concen: 0.997 ppbv

RT: 2.564 min Scan# 765

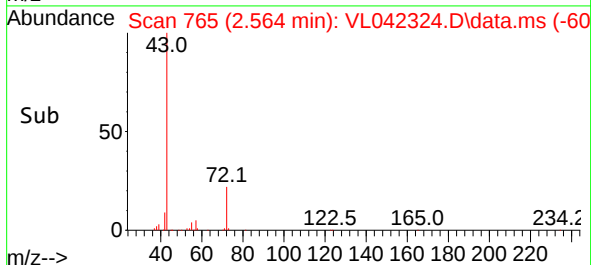
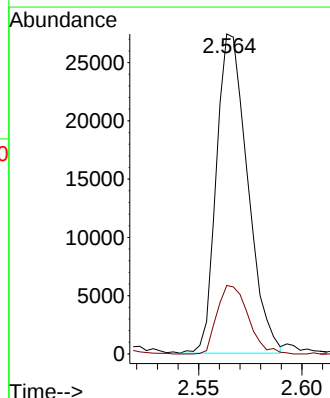
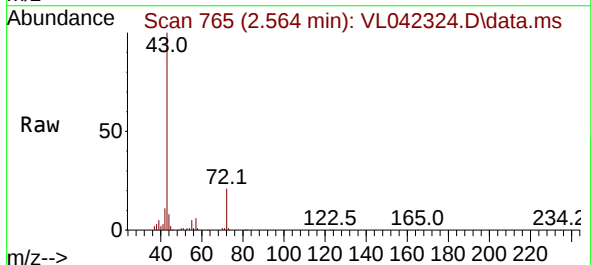
Delta R.T. 0.009 min

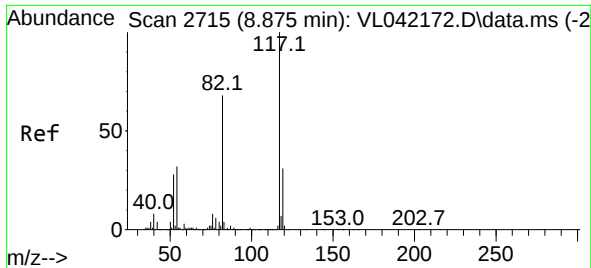
Lab File: VL042324.D

Acq: 11 Apr 2025 17:10

Tgt Ion: 43 Resp: 28789

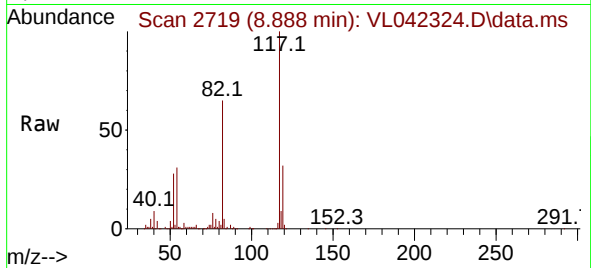
Ion	Ratio	Lower	Upper
43	100		
72	21.4	18.2	27.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10

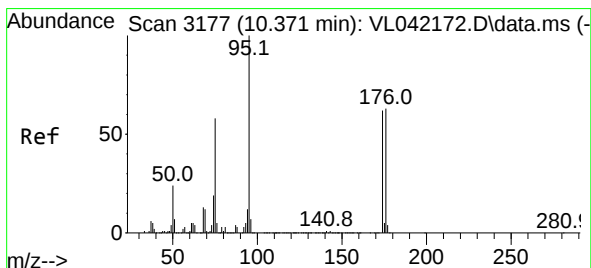
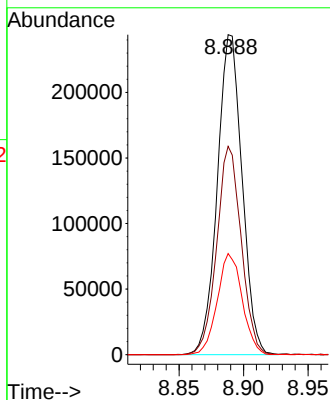
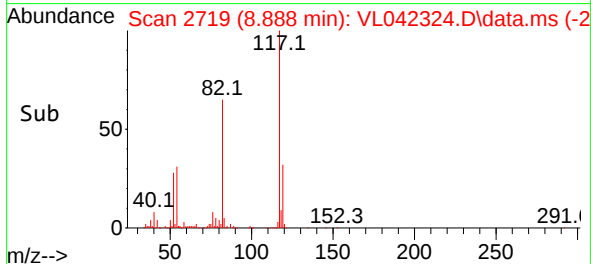
Instrument :
MSVOA_L
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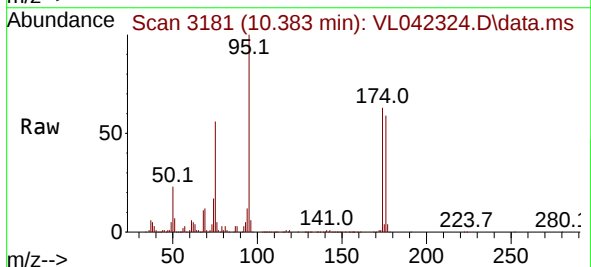
Tgt Ion: 117 Resp: 32577
Ion Ratio Lower Upper
117 100
82 64.5 55.8 83.6
119 31.8 25.5 38.3

Manual Integrations
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Supervised By :Mahesh Dadoda 04/17/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.217 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.013 min
Lab File: VL042324.D
Acq: 11 Apr 2025 17:10



Tgt Ion: 95 Resp: 246592
Ion Ratio Lower Upper
95 100
174 63.8 50.6 76.0
175 4.5 3.8 5.6

