

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040079.D
 Acq On : 9 Jan 2023 17:12
 Operator : SY/MD
 Sample : 01074-01DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-110DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 00:56:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Jan 10 00:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1093931	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2873468	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2550626	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2100986	10.783	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 107.800%	
Target Compounds						
					Qvalue	
9) Propene	2.690	41	18240	0.266	ppbv	84
13) Ethanol	3.234	45	61092m	9.477	ppbv	
15) Acetone	3.462	43	325096	1.921	ppbv	100
19) Isopropyl Alcohol	3.584	45	21136m	0.253	ppbv	
20) Methylene Chloride	3.925	84	630341	8.763	ppbv	95
26) Hexane	5.211	57	547490	4.445	ppbv #	37
34) 2-Butanone	4.800	43	17016m	0.109	ppbv	
41) Tetrahydrofuran	5.584	42	18312m	0.188	ppbv	
53) Toluene	9.227	91	34595m	0.122	ppbv	

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

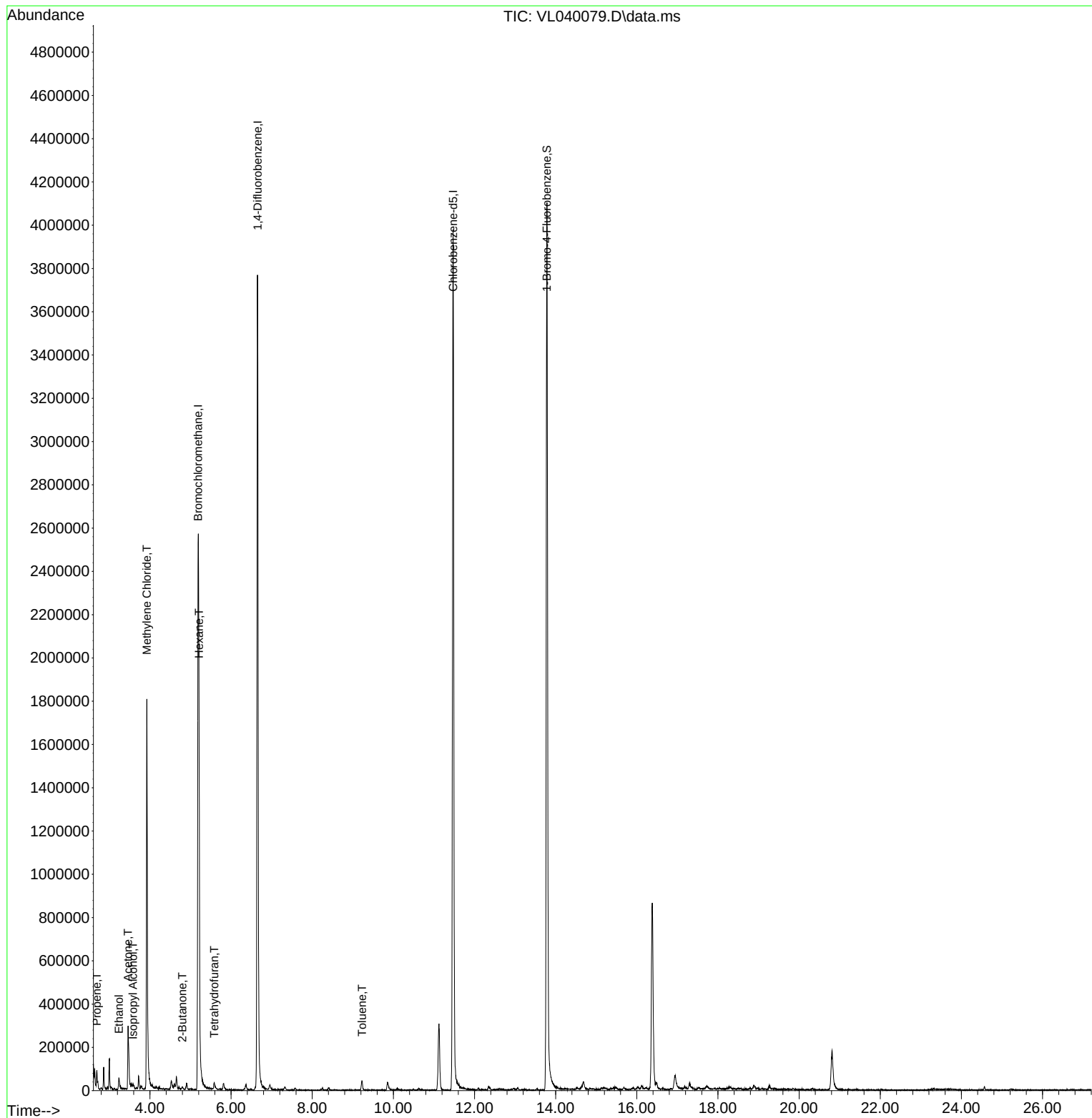
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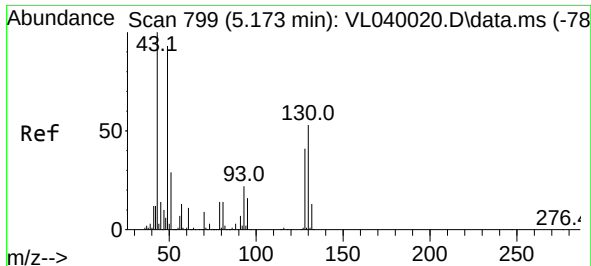
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Quant Time: Jan 10 00:56:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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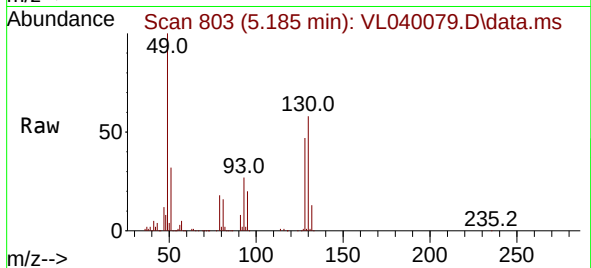
Reviewed By : Semsettin Yesilyurt 01/11/2023
Supervised By : Mahesh Dadoda 01/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

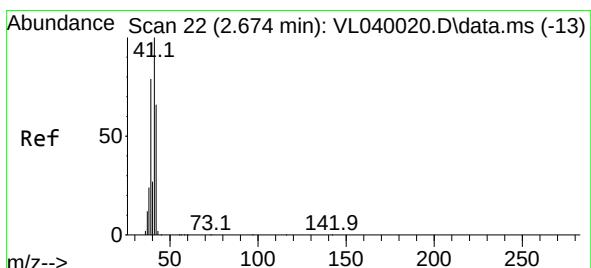
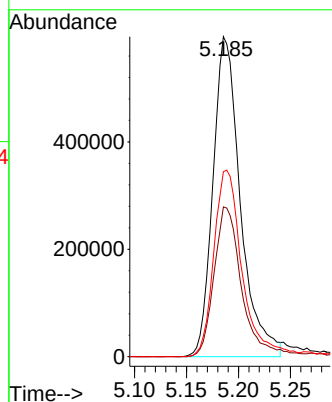
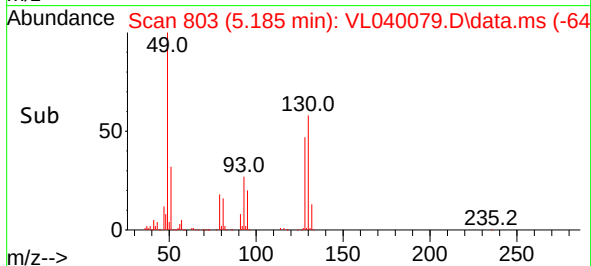
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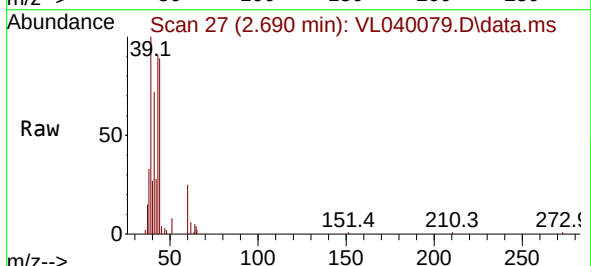
Tgt Ion: 49 Resp: 109393
Ion Ratio Lower Upper
49 100
128 49.0 22.4 67.3
130 62.5 28.9 86.8

Manual Integrations
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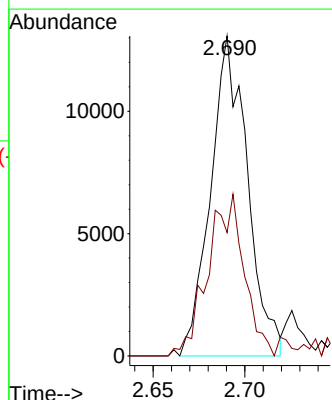
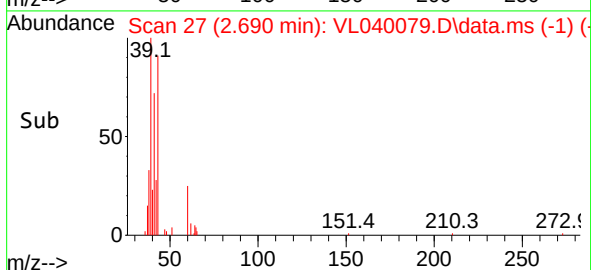
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Supervised By :Mahesh Dadoda 01/11/2023

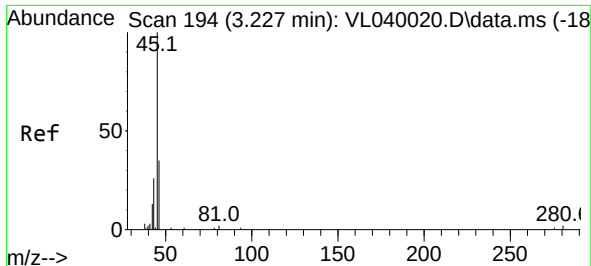


#9
Propene
Concen: 0.266 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.013 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12



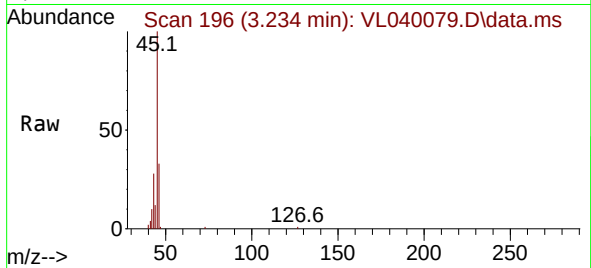
Tgt Ion: 41 Resp: 18240
Ion Ratio Lower Upper
41 100
42 55.7 54.8 82.2





#13
Ethanol
Concen: 9.477 ppbv m
RT: 3.234 min Scan# 194
Delta R.T. 0.007 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

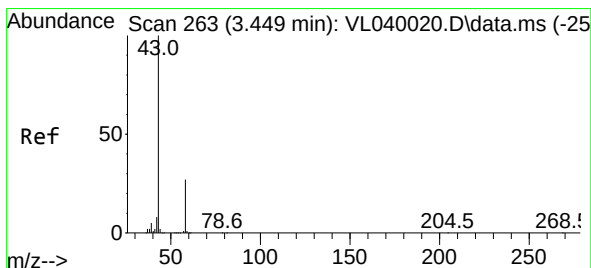
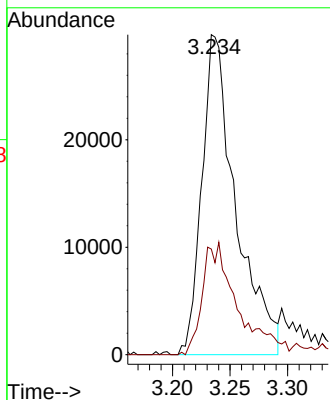
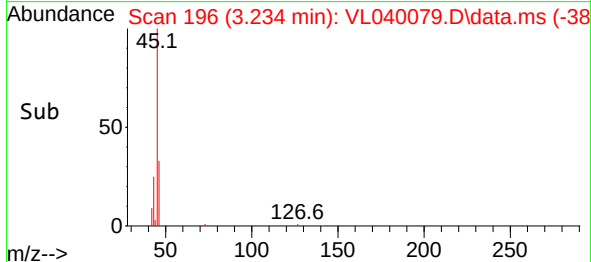
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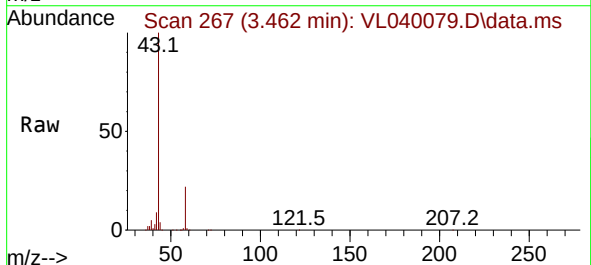
Tgt Ion: 45 Resp: 61092
Ion Ratio Lower Upper
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46 38.3 13.7 54.7

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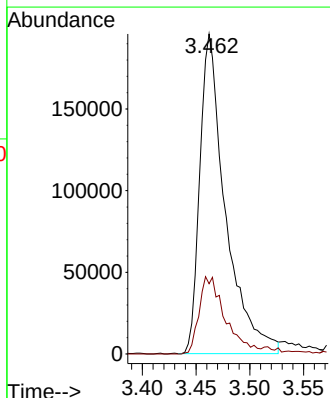
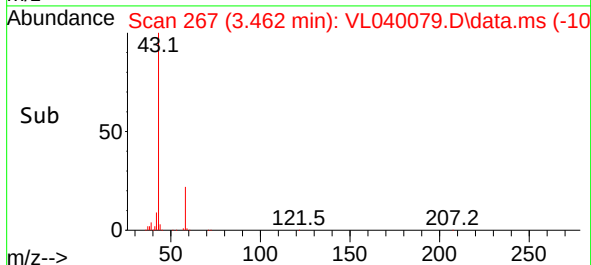
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

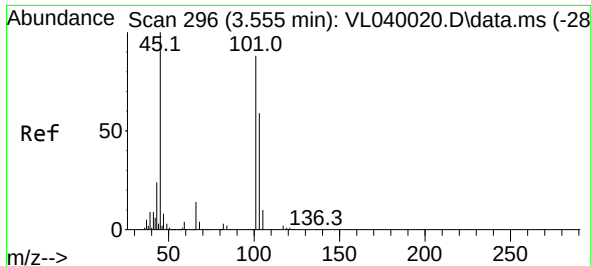


#15
Acetone
Concen: 1.921 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.007 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12



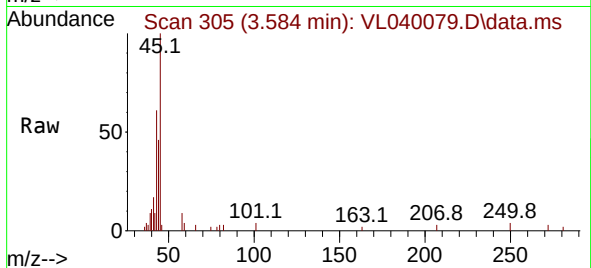
Tgt Ion: 43 Resp: 325096
Ion Ratio Lower Upper
43 100
58 27.1 21.8 32.8





#19
Isopropyl Alcohol
Concen: 0.253 ppbv m
RT: 3.584 min Scan# 305
Delta R.T. 0.023 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

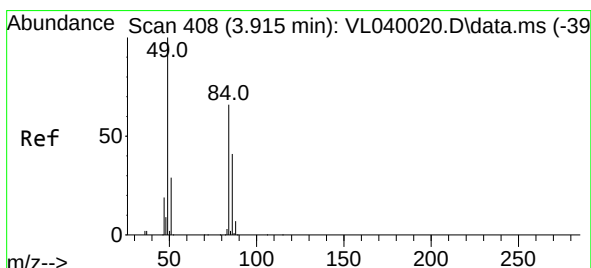
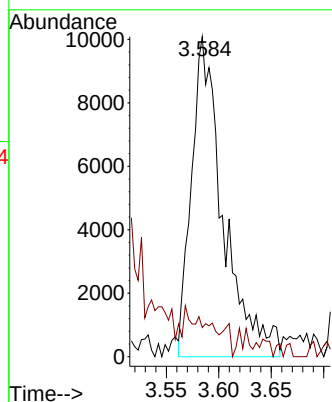
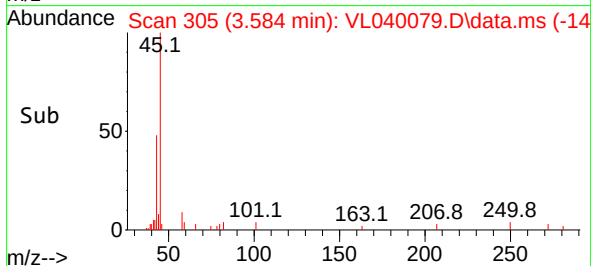
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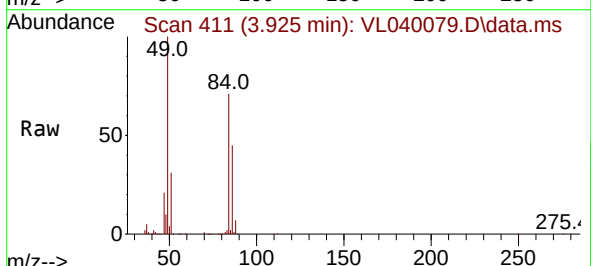
Tgt Ion: 45 Resp: 21130
Ion Ratio Lower Upper
45 100
58 0.0 1.7 2.5

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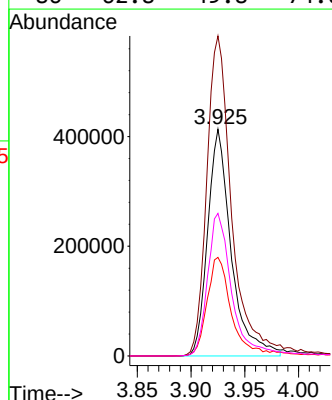
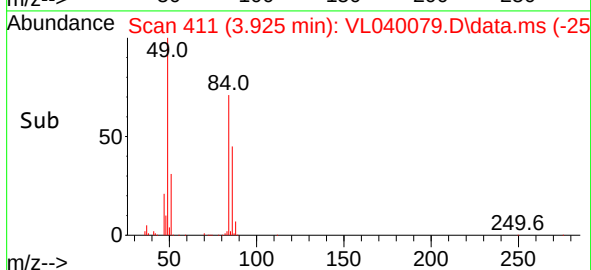
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

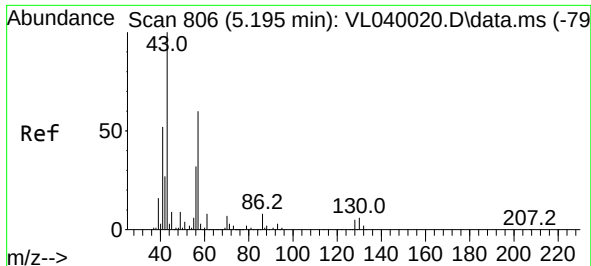


#20
Methylene Chloride
Concen: 8.763 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12



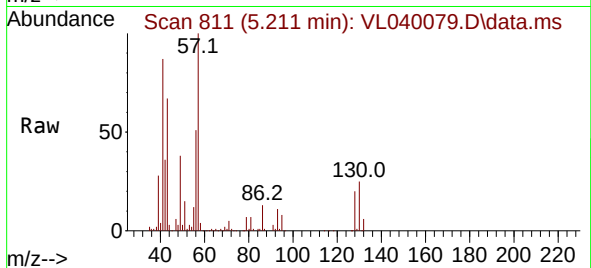
Tgt Ion: 84 Resp: 630341
Ion Ratio Lower Upper
84 100
49 141.1 120.5 180.7
51 43.4 35.2 52.8
86 62.8 49.8 74.6





#26
Hexane
Concen: 4.445 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

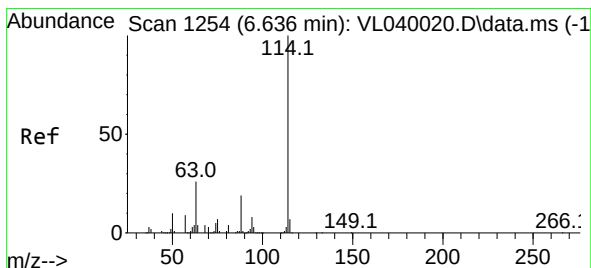
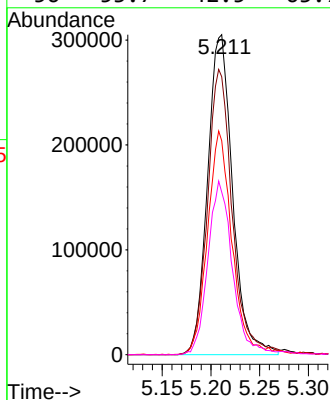
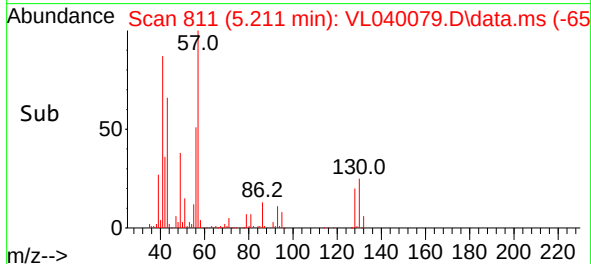
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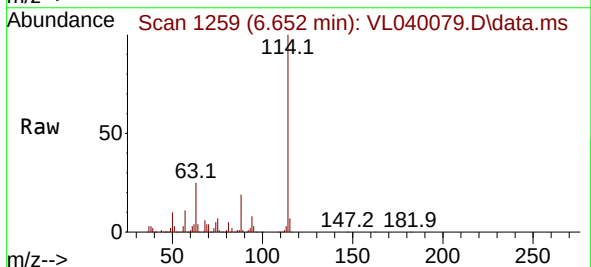
Tgt Ion: 57 Resp: 547490
Ion Ratio Lower Upper
57 100
41 88.9 72.1 108.1
43 69.2 192.1 288.1
56 53.7 42.5 63.7

Manual Integrations
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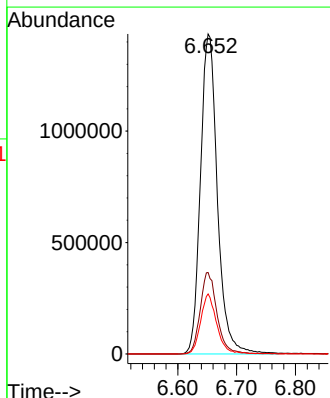
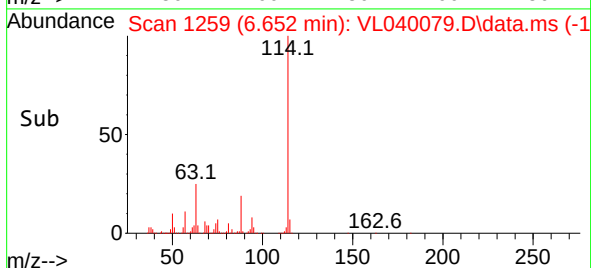
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

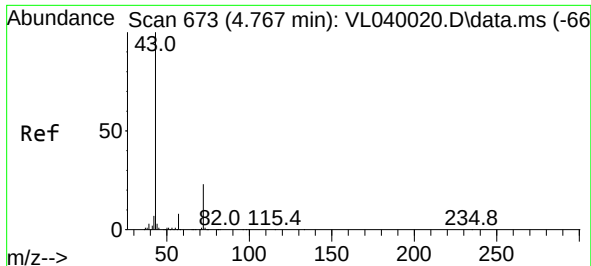


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12



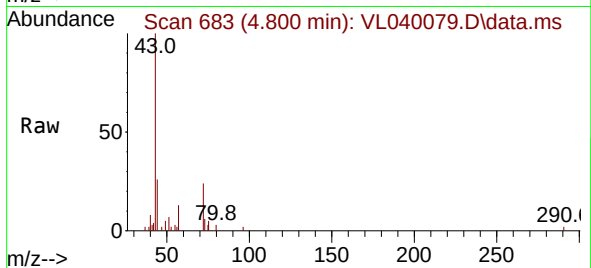
Tgt Ion:114 Resp: 2873468
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.2
88 17.9 14.6 21.8





#34
2-Butanone
Concen: 0.109 ppbv m
RT: 4.800 min Scan# 61
Delta R.T. 0.023 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

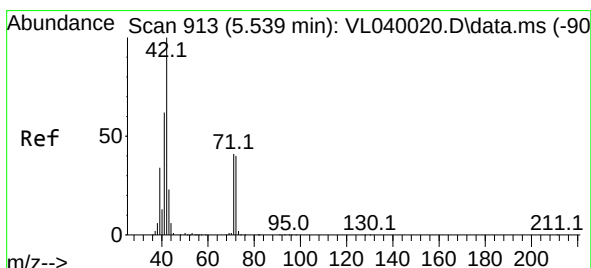
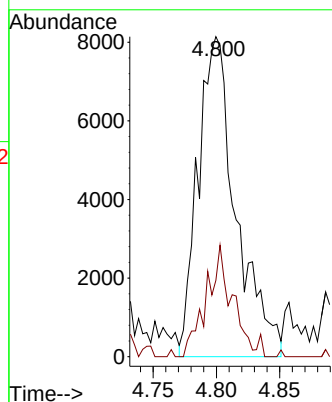
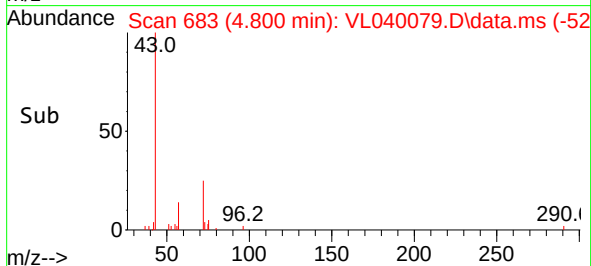
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Tgt Ion: 43 Resp: 17010
Ion Ratio Lower Upper
43 100
72 24.5 18.0 27.0

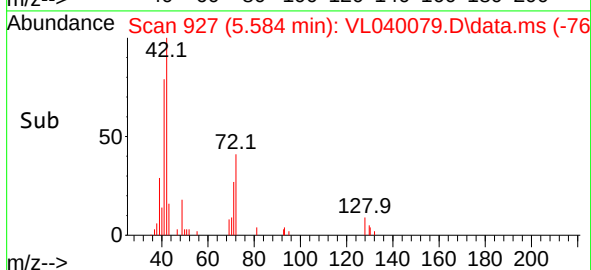
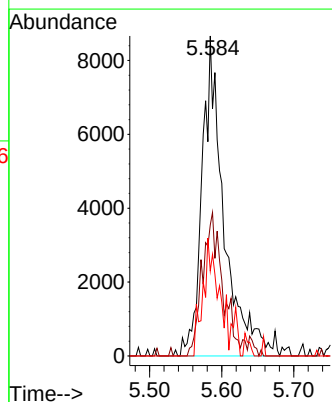
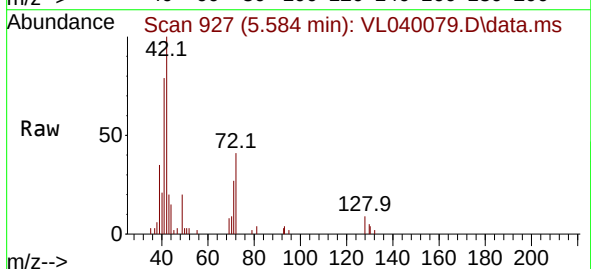
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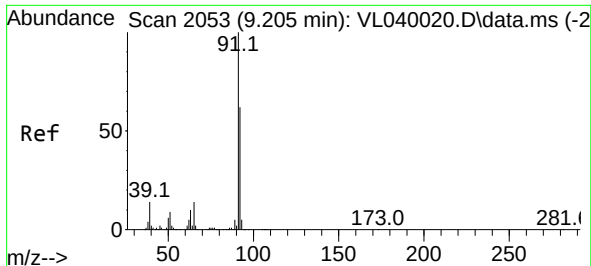
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#41
Tetrahydrofuran
Concen: 0.188 ppbv m
RT: 5.584 min Scan# 927
Delta R.T. 0.032 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

Tgt Ion: 42 Resp: 18312
Ion Ratio Lower Upper
42 100
72 0.0 32.9 49.3#
71 0.0 32.2 48.2#





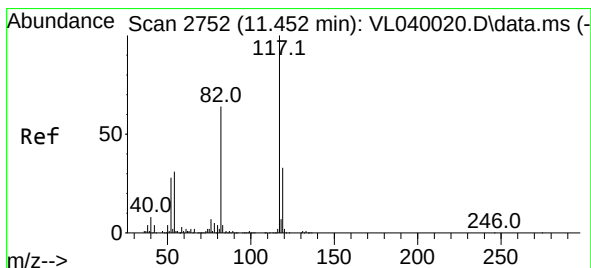
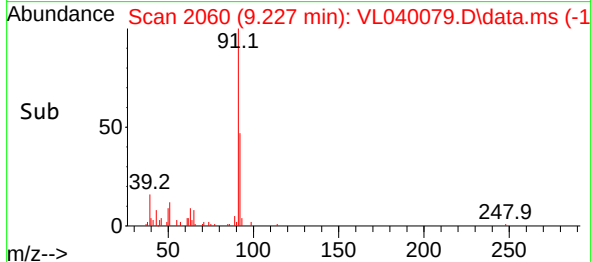
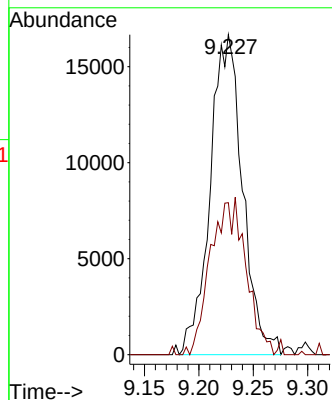
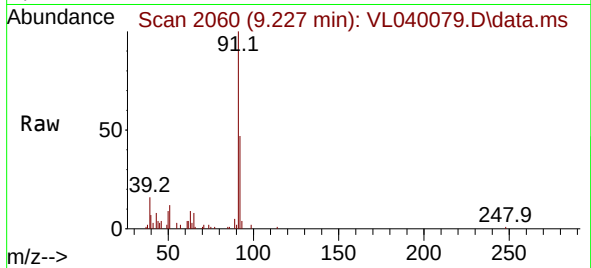
#53
Toluene
Concen: 0.122 ppbv m
RT: 9.227 min Scan# 2053
Delta R.T. 0.003 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 3459
Ion Ratio Lower Upper
91 100
92 54.3 48.7 73.1

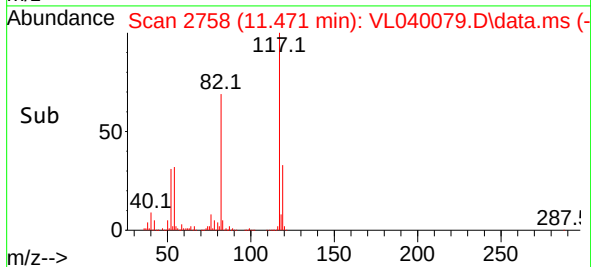
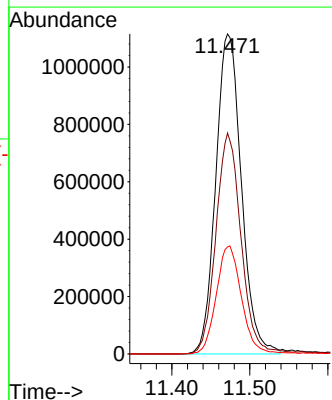
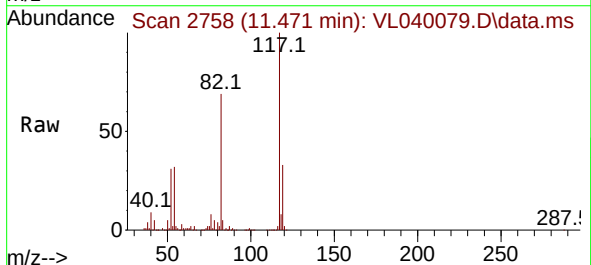
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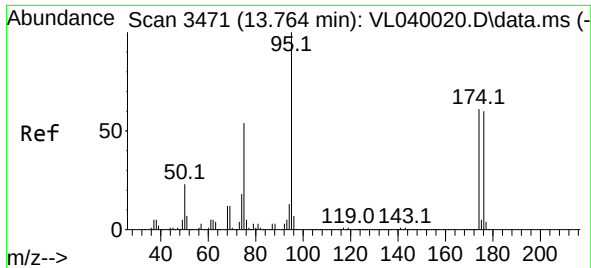
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.003 min
Lab File: VL040079.D
Acq: 9 Jan 2023 17:12

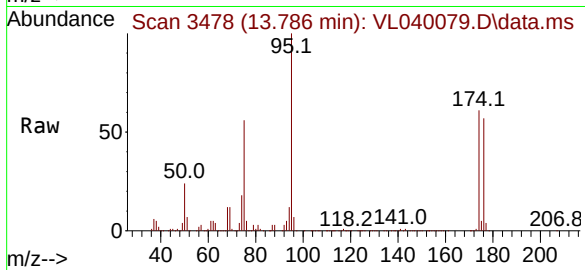
Tgt Ion:117 Resp: 2550626
Ion Ratio Lower Upper
117 100
82 68.5 51.2 76.8
119 33.4 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.783 ppbv
 RT: 13.786 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VL040079.D
 Acq: 9 Jan 2023 17:12

Instrument :
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Tgt Ion: 95 Resp: 2100986
 Ion Ratio Lower Upper
 95 100
 174 60.5 48.6 73.0
 175 4.2 3.4 5.2

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