

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040080.D
 Acq On : 9 Jan 2023 17:52
 Operator : SY/MD
 Sample : 01074-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-113DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 21:33:00 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 Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1110895	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.651	114	2805681	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.471	117	2551657	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2061813	10.578	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
9) Propene	2.690	41	16735	0.241	ppbv #	78
13) Ethanol	3.237	45	116376m	17.776	ppbv	
15) Acetone	3.459	43	455211	2.649	ppbv	98
19) Isopropyl Alcohol	3.578	45	19780m	0.234	ppbv	
20) Methylene Chloride	3.925	84	1126508	15.422	ppbv	97
26) Hexane	5.208	57	960715	7.681	ppbv #	37
34) 2-Butanone	4.796	43	19127m	0.126	ppbv	
41) Tetrahydrofuran	5.565	42	148127	1.559	ppbv	100

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

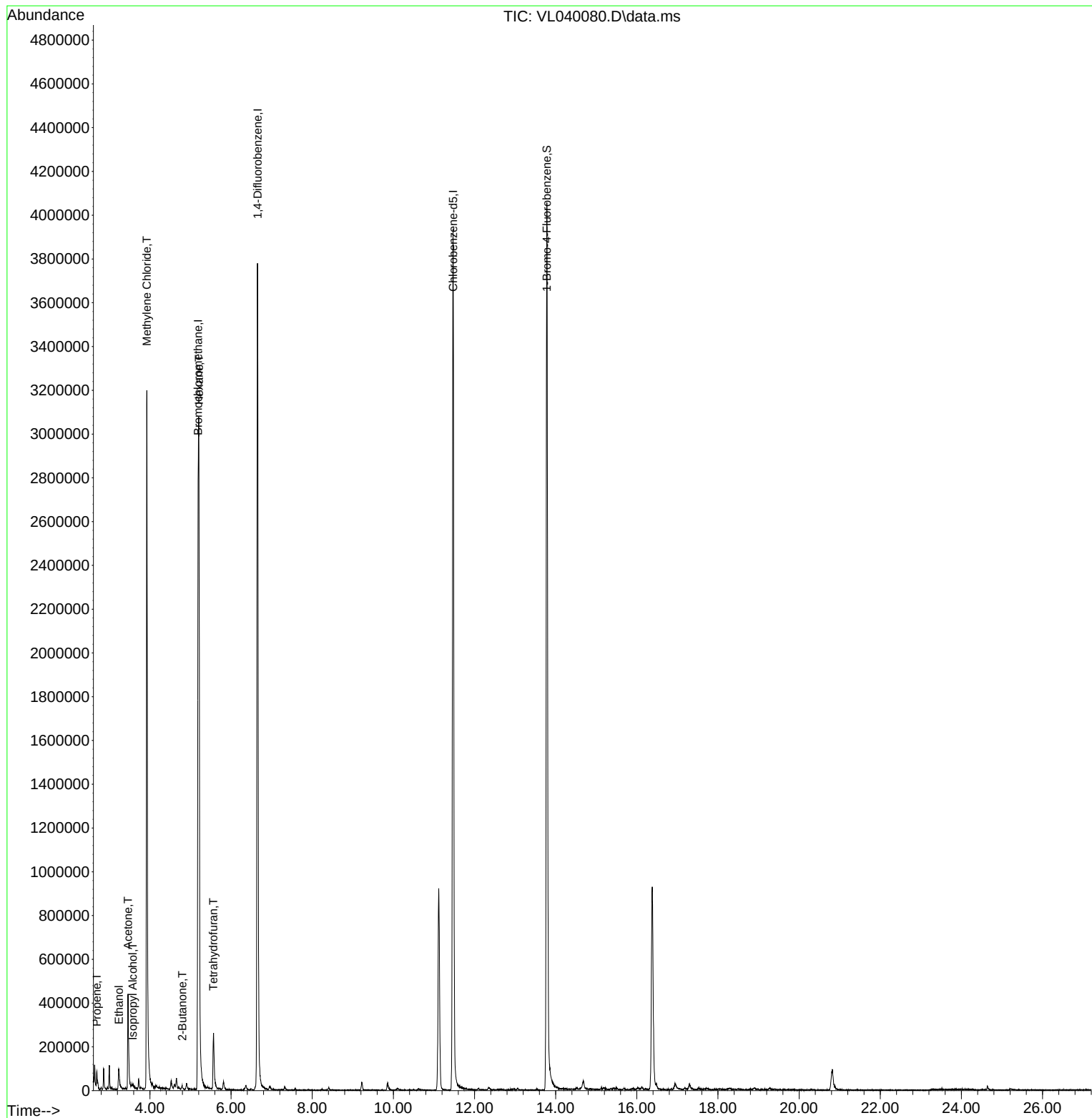
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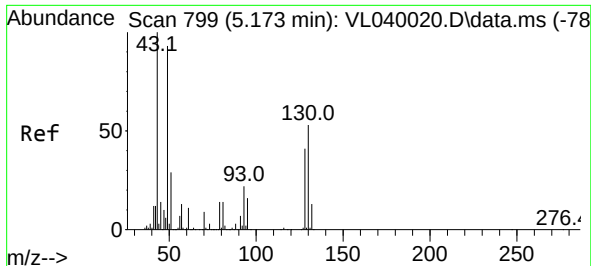
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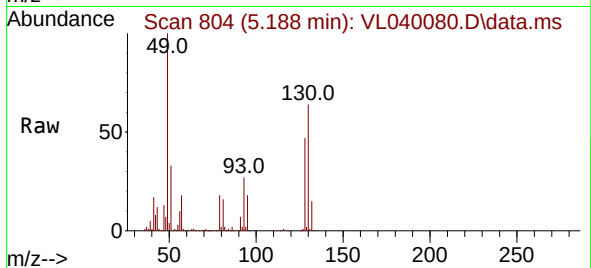
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.015 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

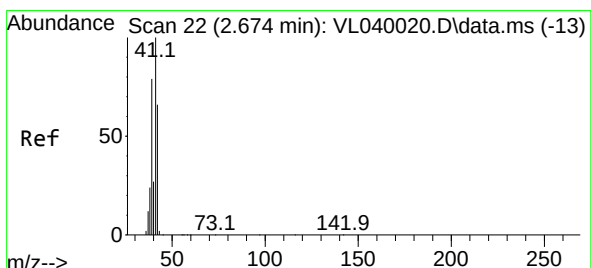
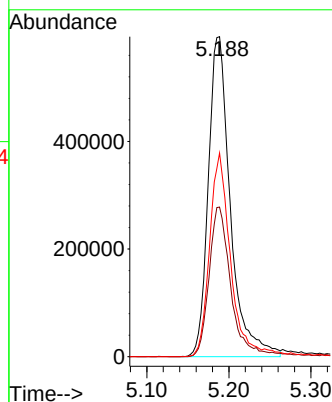
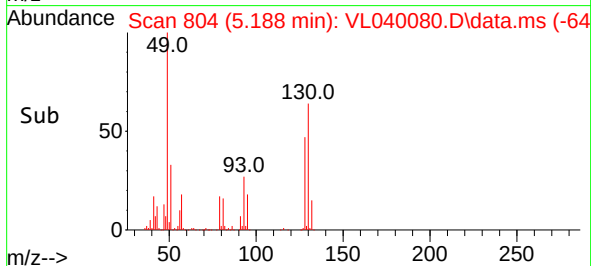
Instrument :
MSVOA_L
ClientSampleId :
AP-113DL



Tgt Ion: 49 Resp: 111089
Ion Ratio Lower Upper
49 100
128 47.5 22.4 67.3
130 62.5 28.9 86.8

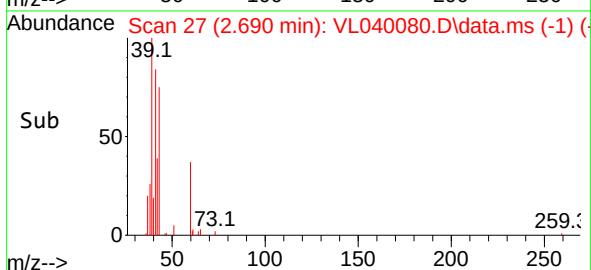
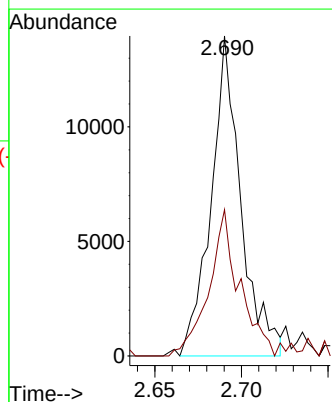
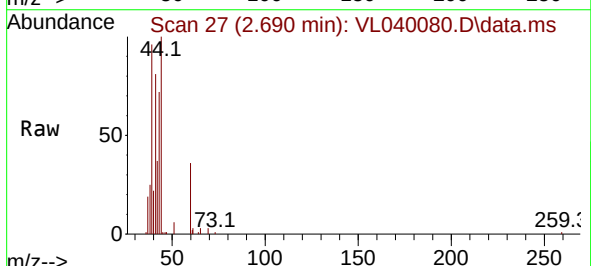
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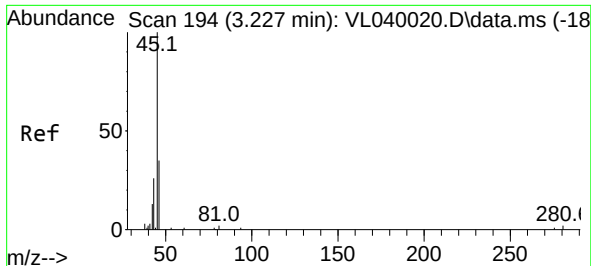
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#9
Propene
Concen: 0.241 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.016 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

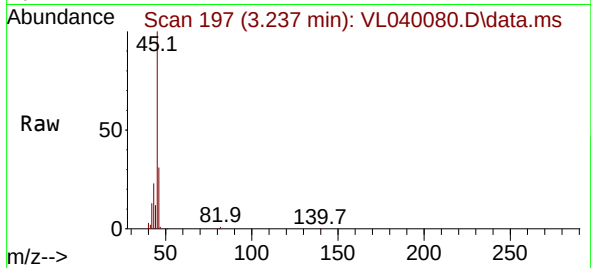
Tgt Ion: 41 Resp: 16735
Ion Ratio Lower Upper
41 100
42 50.9 54.8 82.2





#13
Ethanol
Concen: 17.776 ppbv m
RT: 3.237 min Scan# 194
Delta R.T. 0.010 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

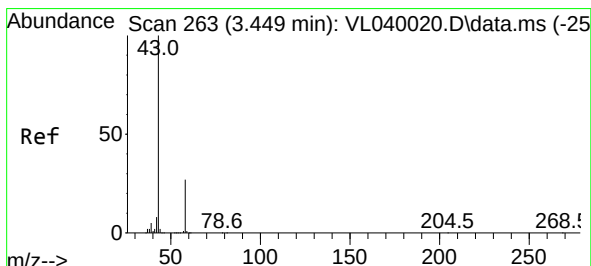
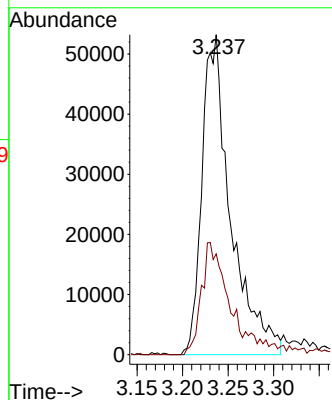
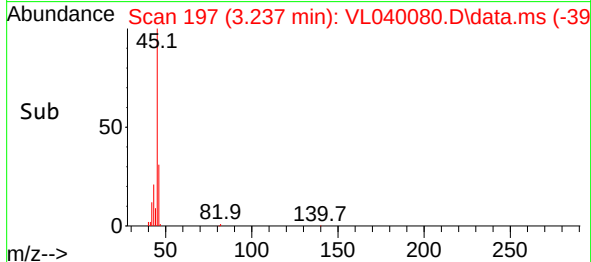
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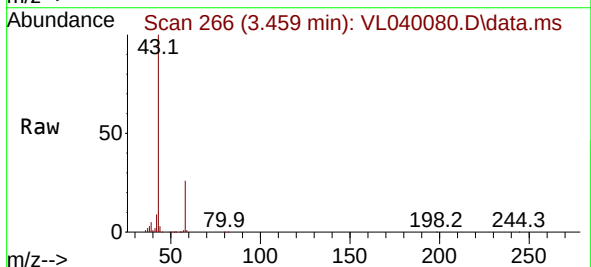
Tgt Ion: 45 Resp: 116370
Ion Ratio Lower Upper
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46 0.0 13.7 54.7

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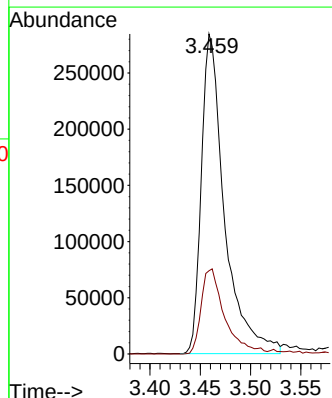
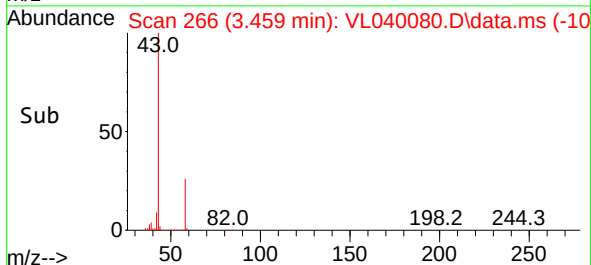
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Supervised By :Mahesh Dadoda 01/11/2023

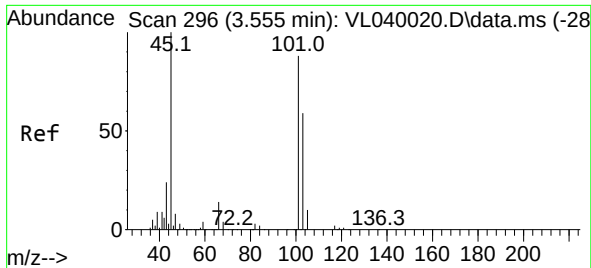


#15
Acetone
Concen: 2.649 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.010 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52



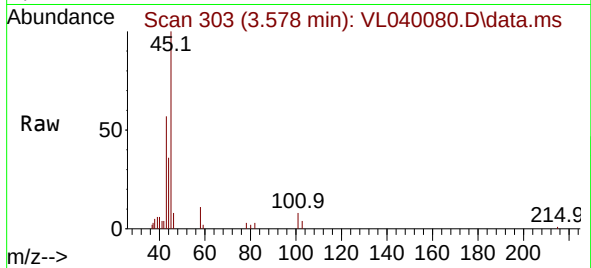
Tgt Ion: 43 Resp: 455211
Ion Ratio Lower Upper
43 100
58 28.2 21.8 32.8





#19
Isopropyl Alcohol
Concen: 0.234 ppbv m
RT: 3.578 min Scan# 303
Delta R.T. 0.022 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

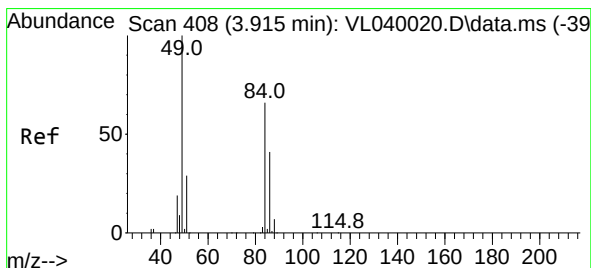
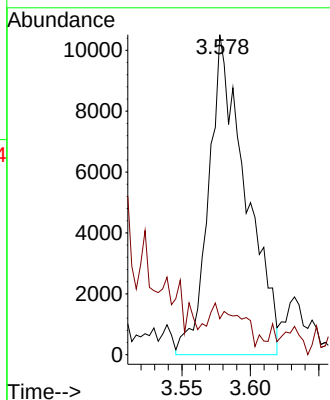
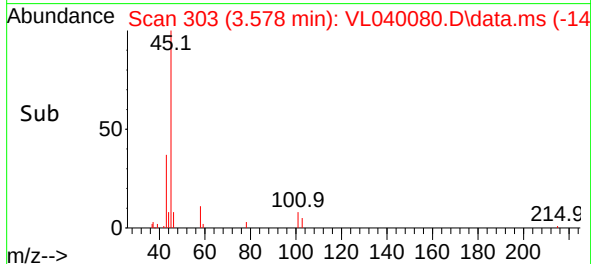
Instrument :
MSVOA_L
ClientSampleId :
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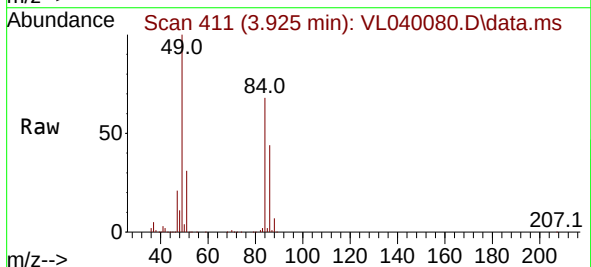
Tgt Ion: 45 Resp: 19780
Ion Ratio Lower Upper
45 100
58 0.0 1.7 2.5

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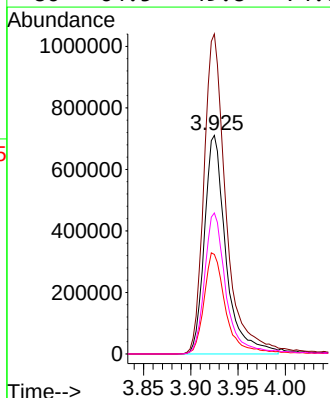
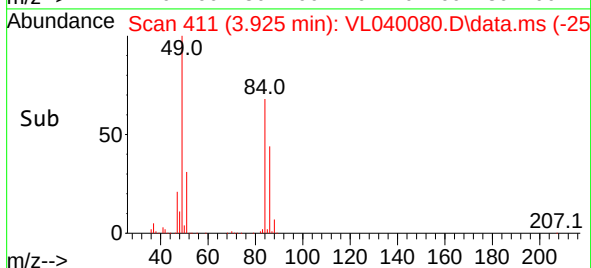
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

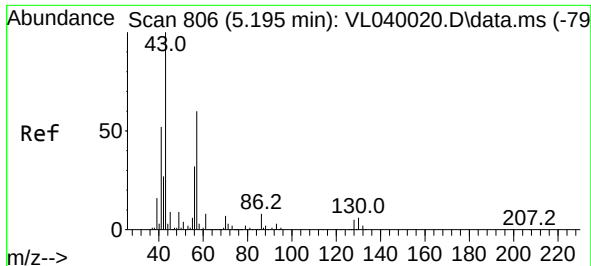


#20
Methylene Chloride
Concen: 15.422 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52



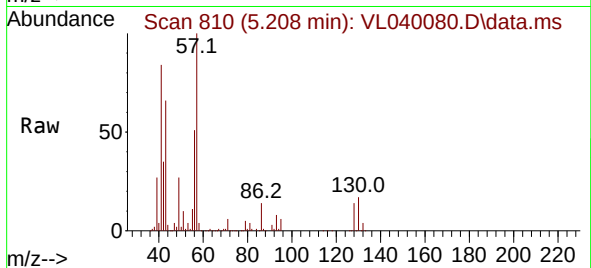
Tgt Ion: 84 Resp: 1126508
Ion Ratio Lower Upper
84 100
49 146.4 120.5 180.7
51 45.5 35.2 52.8
86 64.5 49.8 74.6





#26
Hexane
Concen: 7.681 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

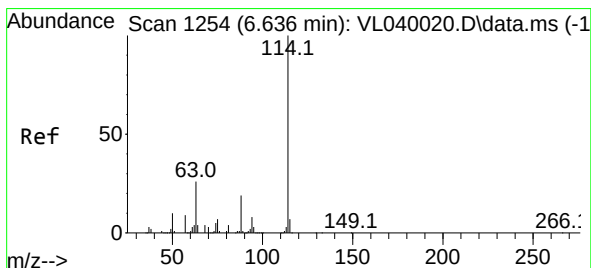
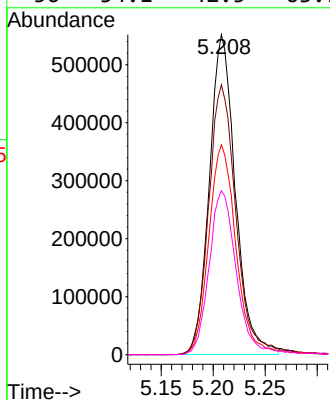
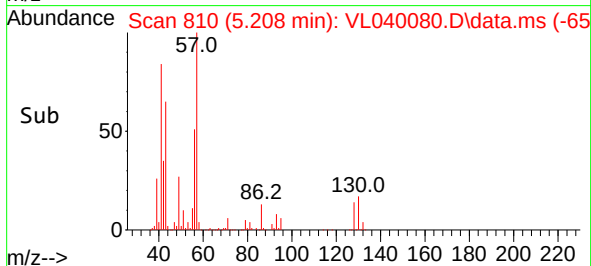
Instrument :
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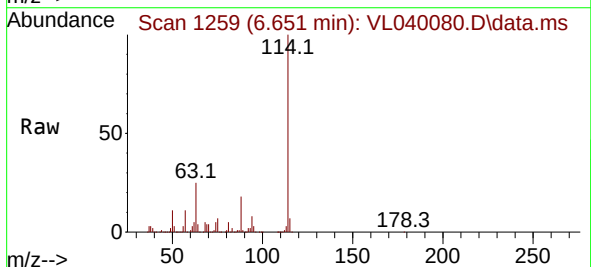
Tgt Ion: 57 Resp: 960715
Ion Ratio Lower Upper
57 100
41 90.1 72.1 108.1
43 69.3 192.1 288.1
56 54.1 42.5 63.7

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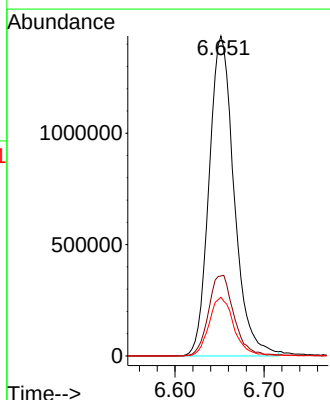
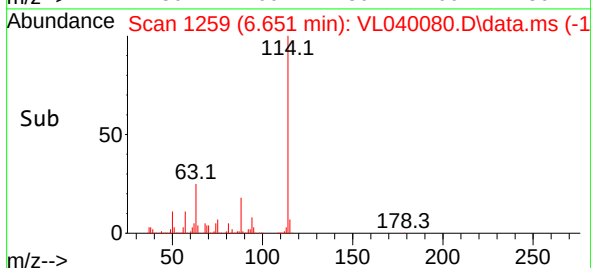
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Supervised By :Mahesh Dadoda 01/11/2023

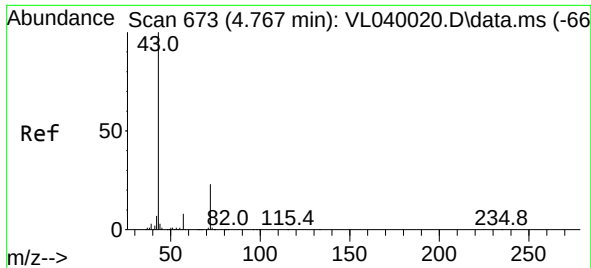


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.016 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52



Tgt Ion:114 Resp: 2805681
Ion Ratio Lower Upper
114 100
63 26.0 20.2 30.2
88 18.3 14.6 21.8





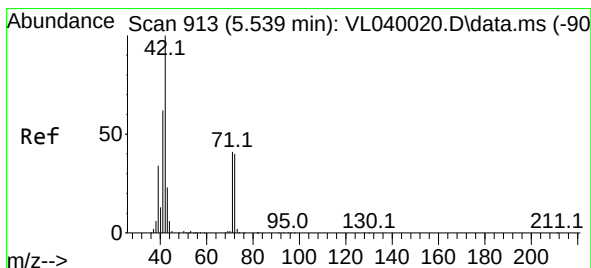
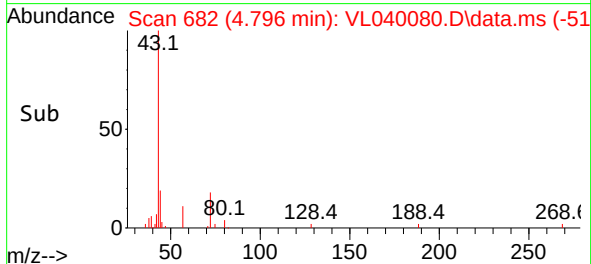
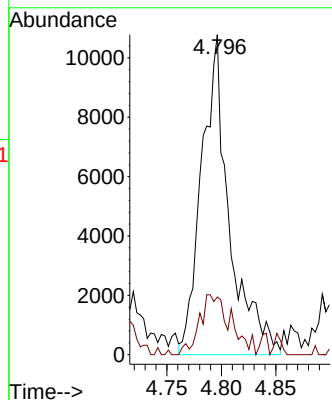
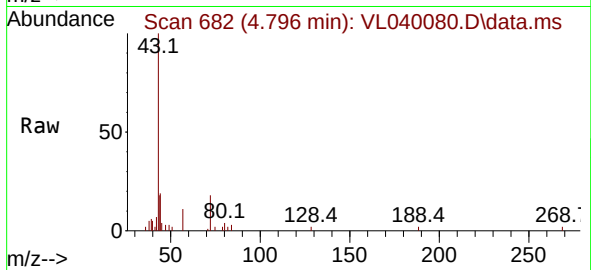
#34
2-Butanone
Concen: 0.126 ppbv m
RT: 4.796 min Scan# 61
Delta R.T. 0.029 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

Instrument :
MSVOA_L
ClientSampleId :
AP-113DL

Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
72 24.4 18.0 27.0

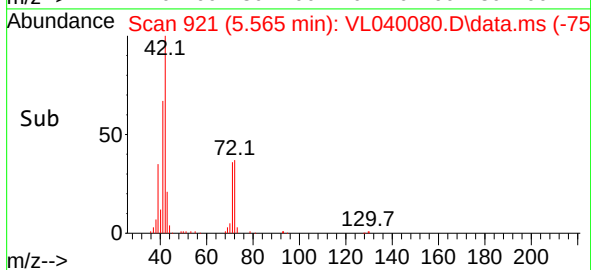
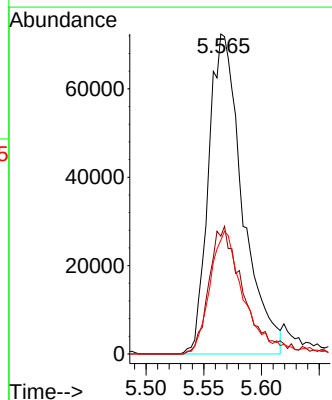
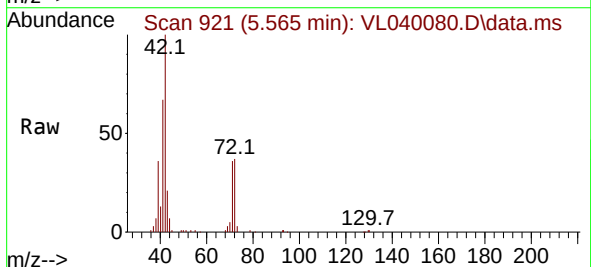
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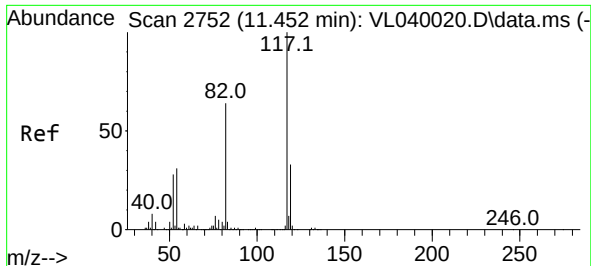
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#41
Tetrahydrofuran
Concen: 1.559 ppbv
RT: 5.565 min Scan# 921
Delta R.T. 0.026 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

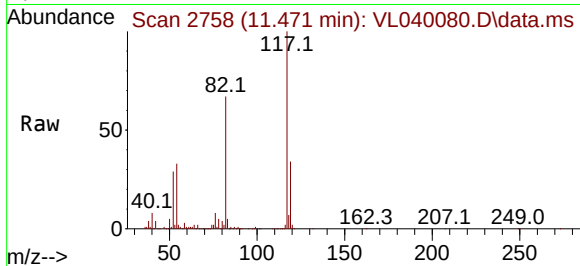
Tgt Ion: 42 Resp: 148127
Ion Ratio Lower Upper
42 100
72 41.5 32.9 49.3
71 40.1 32.2 48.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

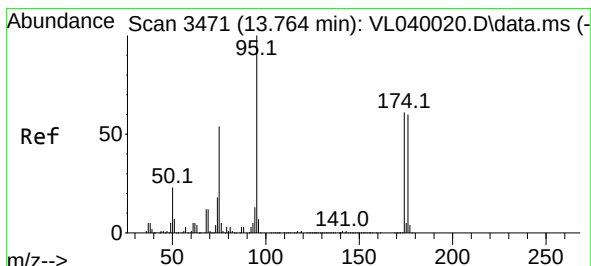
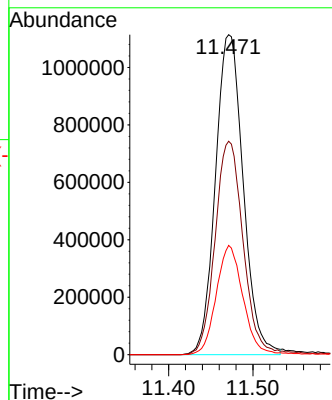
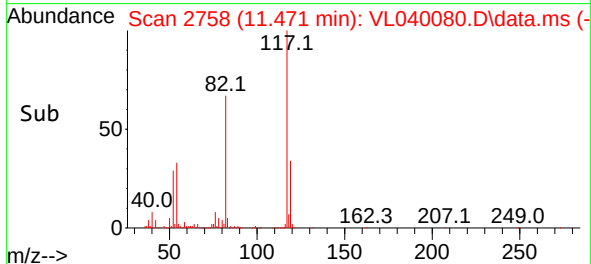
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Tgt Ion:117 Resp: 255165
Ion Ratio Lower Upper
117 100
82 67.8 51.2 76.8
119 33.2 23.2 34.8

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.578 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.019 min
Lab File: VL040080.D
Acq: 9 Jan 2023 17:52

Tgt Ion: 95 Resp: 2061813
Ion Ratio Lower Upper
95 100
174 60.9 48.6 73.0
175 4.2 3.4 5.2

