

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040077.D
 Acq On : 9 Jan 2023 15:56
 Operator : SY/MD
 Sample : 01074-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UR-1DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 21:32:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 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	5.185	49	1111290	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	3098974	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.471	117	2749757	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2206969	10.507	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.100%
Target Compounds						
					Qvalue	
13) Ethanol	3.237	45	71350m	10.895	ppbv	
15) Acetone	3.459	43	375079	2.182	ppbv	94
19) Isopropyl Alcohol	3.584	45	20132m	0.238	ppbv	
20) Methylene Chloride	3.925	84	994828	13.614	ppbv	98
26) Hexane	5.208	57	823288	6.579	ppbv #	37
53) Toluene	9.221	91	43255m	0.141	ppbv	

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

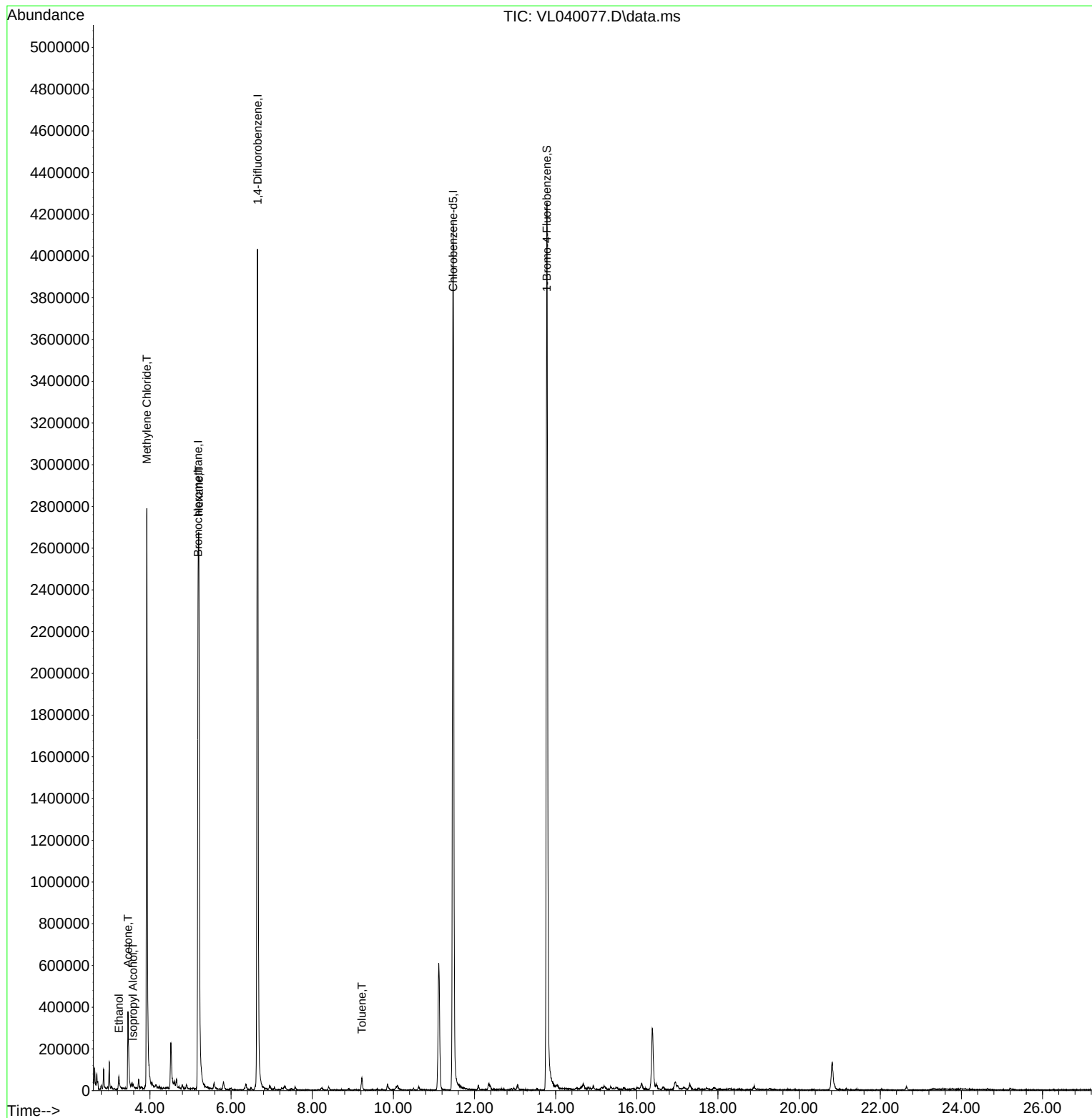
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
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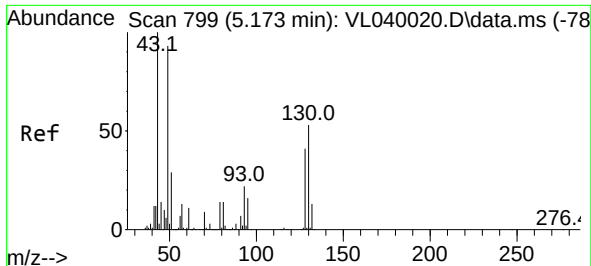
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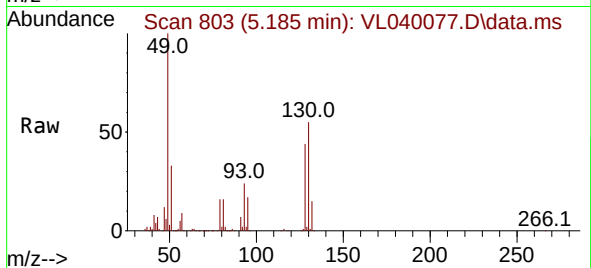
Reviewed By : Semsettin Yesilyurt 01/11/2023
Supervised By : Mahesh Dadoda 01/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 803
Delta R.T. 0.012 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56

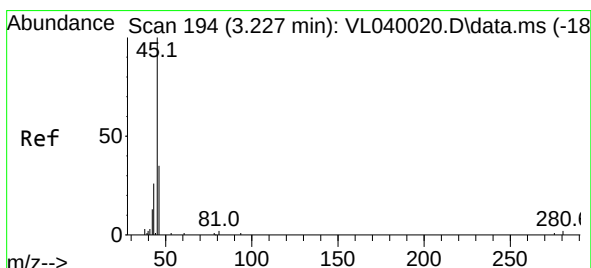
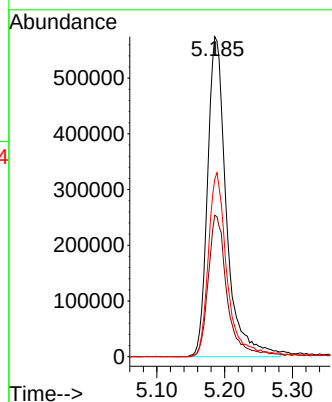
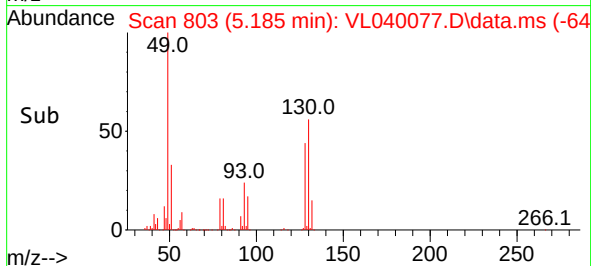
Instrument :
MSVOA_L
ClientSampleId :
UR-1DL



Tgt Ion: 49 Resp: 1111290
Ion Ratio Lower Upper
49 100
128 45.3 22.4 67.3
130 58.0 28.9 86.8

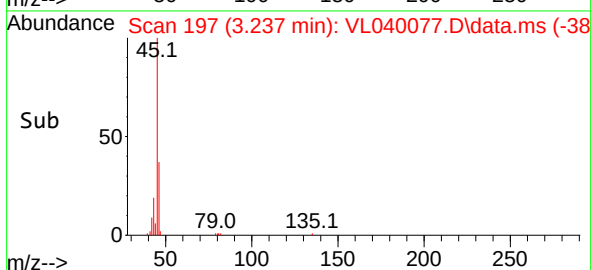
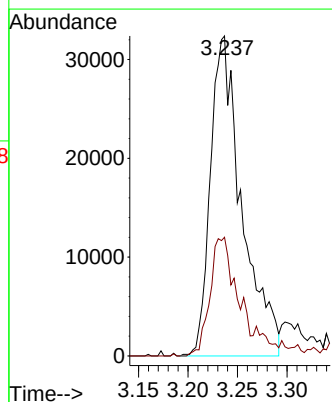
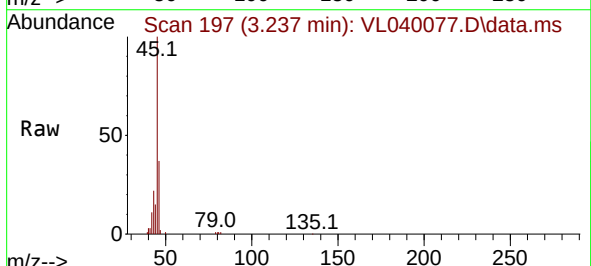
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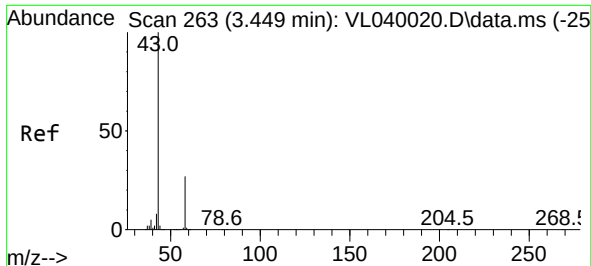
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#13
Ethanol
Concen: 10.895 ppbv m
RT: 3.237 min Scan# 197
Delta R.T. 0.010 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56

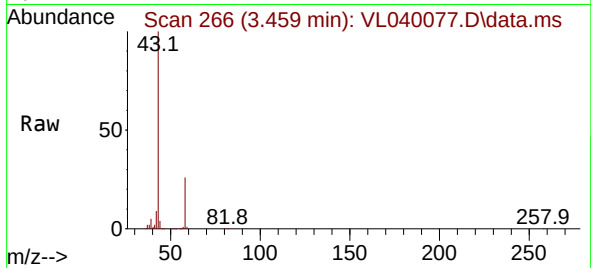
Tgt Ion: 45 Resp: 71350
Ion Ratio Lower Upper
45 100
46 38.2 13.7 54.7





#15
Acetone
Concen: 2.182 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56

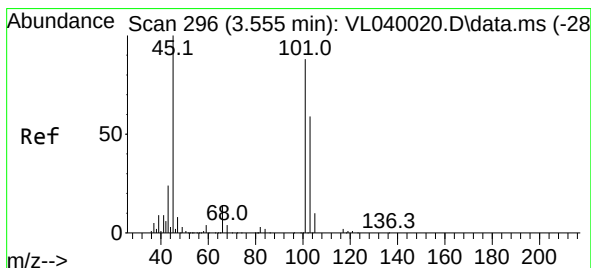
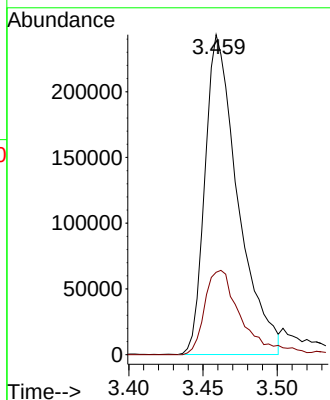
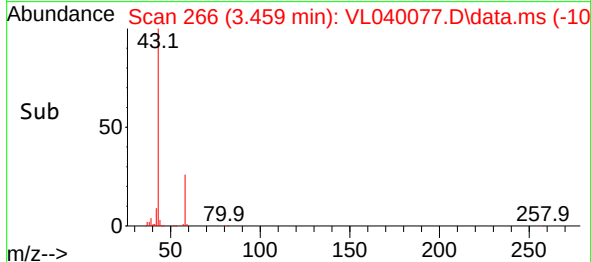
Instrument :
MSVOA_L
ClientSampleId :
UR-1DL



Tgt Ion: 43 Resp: 375079
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.8

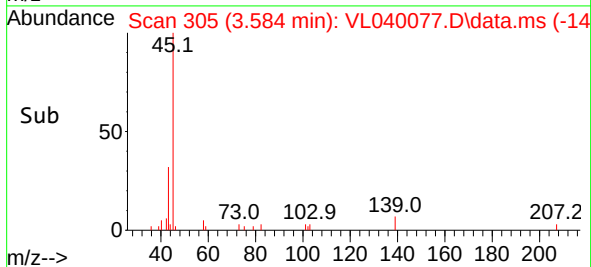
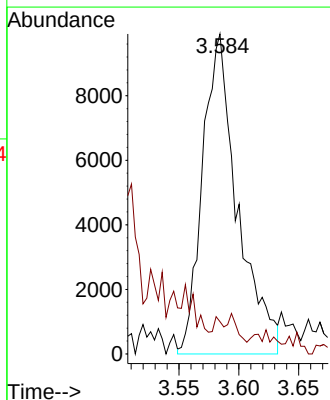
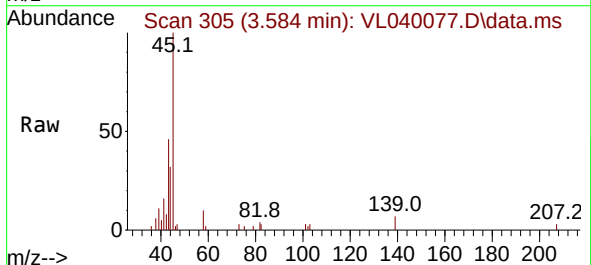
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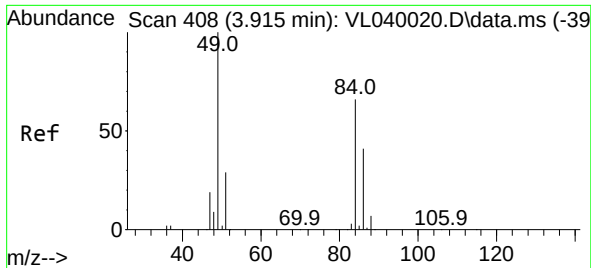
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#19
Isopropyl Alcohol
Concen: 0.238 ppbv m
RT: 3.584 min Scan# 305
Delta R.T. 0.029 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56

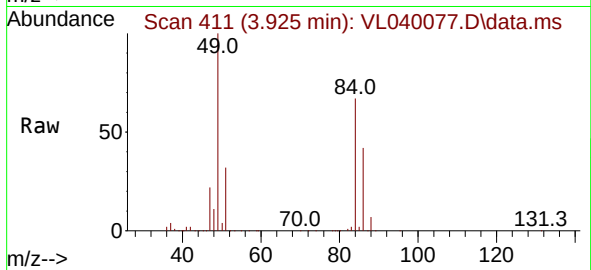
Tgt Ion: 45 Resp: 20132
Ion Ratio Lower Upper
45 100
58 0.0 1.7 2.5#





#20
Methylene Chloride
Concen: 13.614 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56

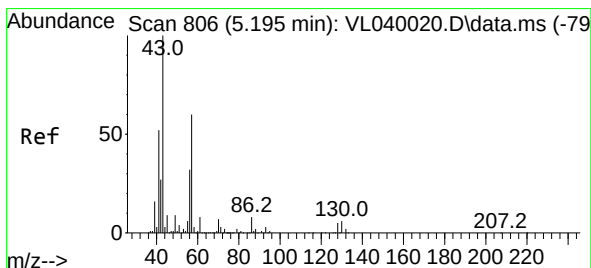
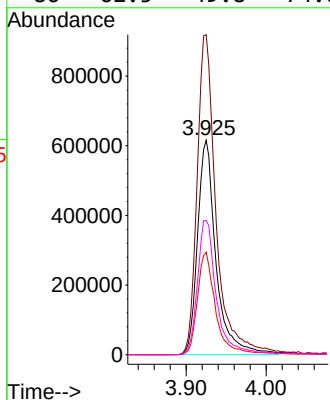
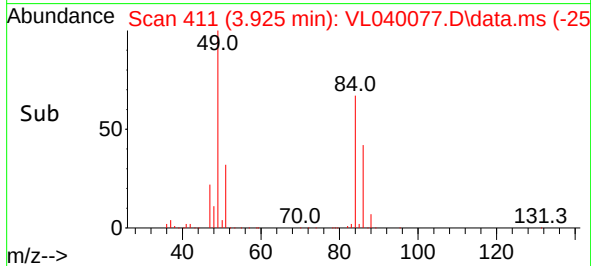
Instrument :
MSVOA_L
ClientSampleId :
UR-1DL



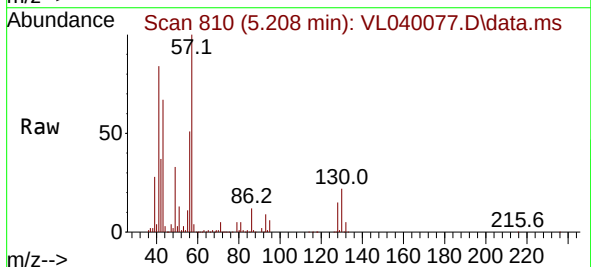
Tgt Ion: 84 Resp: 994828
Ion Ratio Lower Upper
84 100
49 149.2 120.5 180.7
51 47.7 35.2 52.8
86 62.5 49.8 74.6

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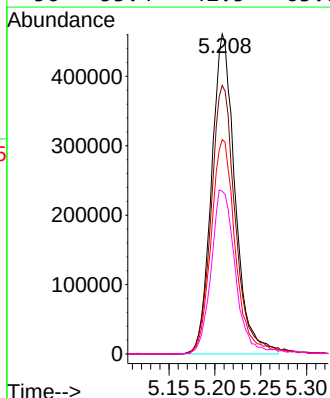
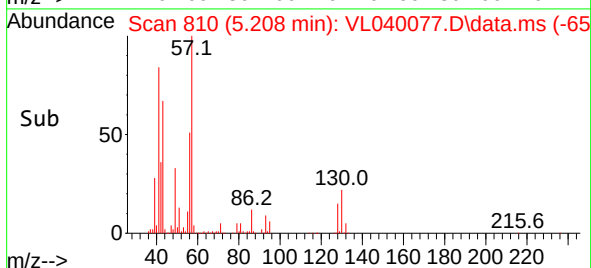
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

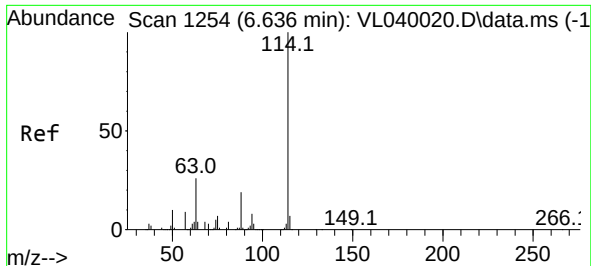


#26
Hexane
Concen: 6.579 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56



Tgt Ion: 57 Resp: 823288
Ion Ratio Lower Upper
57 100
41 87.4 72.1 108.1
43 70.0 192.1 288.1#
56 53.4 42.5 63.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL040077.D

Acq: 9 Jan 2023 15:56

Instrument :

MSVOA_L

ClientSampleId :

UR-1DL

Tgt Ion:114 Resp: 3098974

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

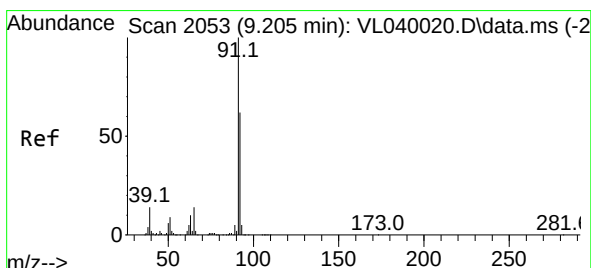
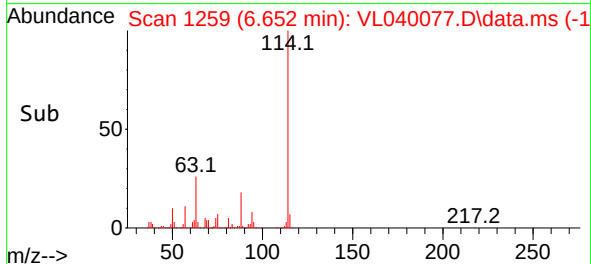
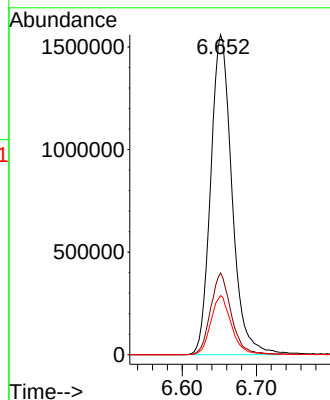
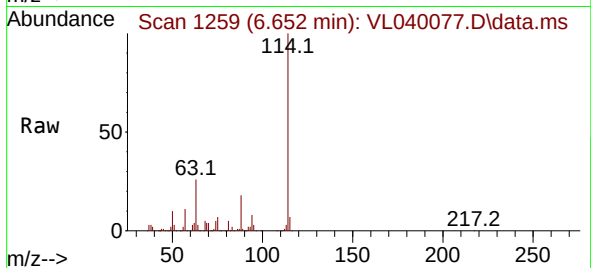
88 18.0 14.6 21.8

Manual Integrations

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#53

Toluene

Concen: 0.141 ppbv m

RT: 9.221 min Scan# 2058

Delta R.T. 0.016 min

Lab File: VL040077.D

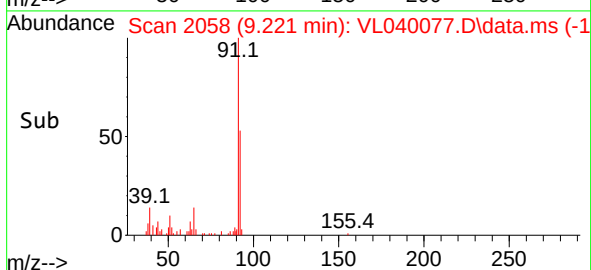
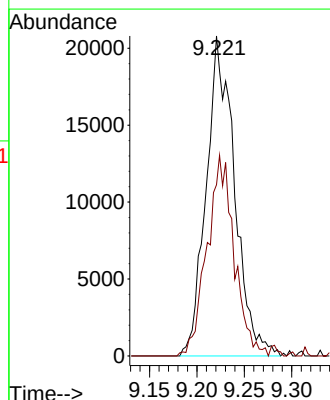
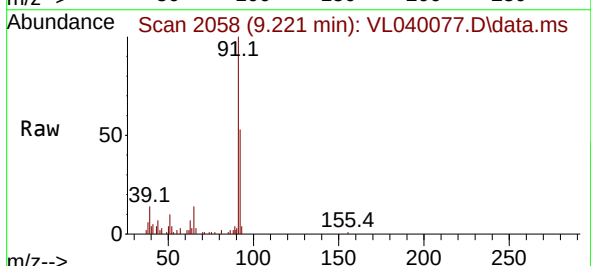
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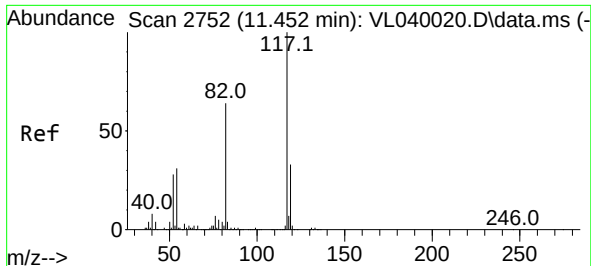
Tgt Ion: 91 Resp: 43255

Ion Ratio Lower Upper

91 100

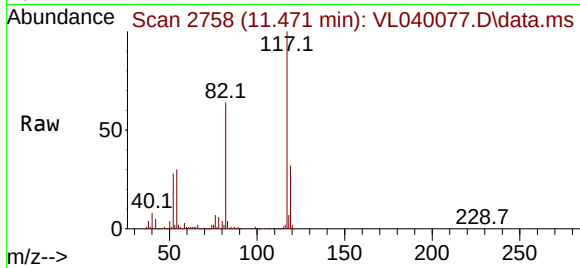
92 0.0 48.7 73.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56

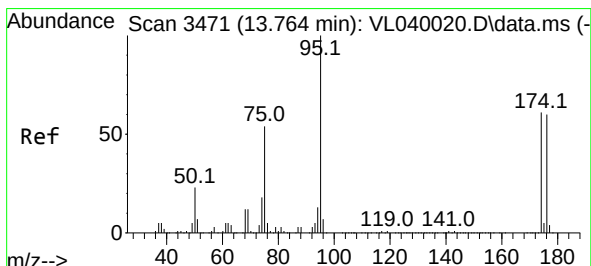
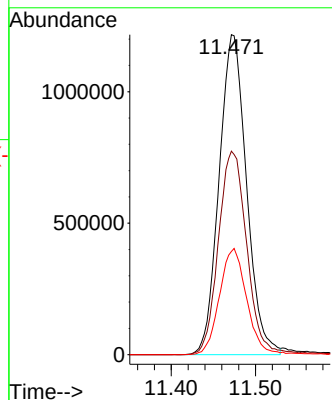
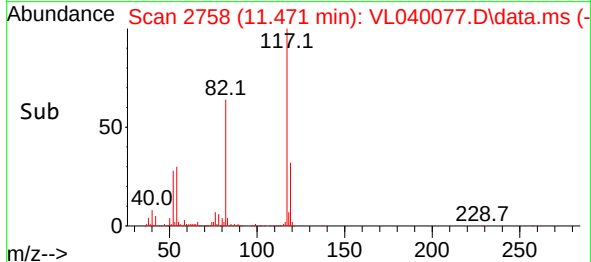
Instrument :
MSVOA_L
ClientSampleId :
UR-1DL



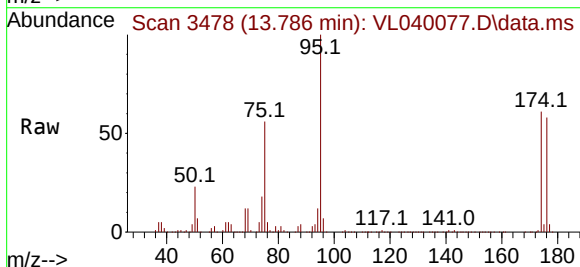
Tgt Ion: 117 Resp: 274975
Ion Ratio Lower Upper
117 100
82 66.3 51.2 76.8
119 33.4 23.2 34.8

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



#68
1-Bromo-4-Fluorobenzene
Concen: 10.507 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.023 min
Lab File: VL040077.D
Acq: 9 Jan 2023 15:56



Tgt Ion: 95 Resp: 2206969
Ion Ratio Lower Upper
95 100
174 62.1 48.6 73.0
175 4.3 3.4 5.2

