

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039861.D
 Acq On : 9 Nov 2022 23:27
 Operator : SY/AP
 Sample : N5555-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18FDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 03:53:03 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	929895	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2094385	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.436	117	1911327	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1566424	10.949	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.500%
Target Compounds						
						Qvalue
13) Ethanol	3.240	45	468971	114.882	ppbv	92
15) Acetone	3.475	43	76139	0.673	ppbv	96
19) Isopropyl Alcohol	3.591	45	37234m	0.665	ppbv	
26) Hexane	5.201	57	31039	0.299	ppbv #	40
29) Chloroform	5.256	83	45672	0.312	ppbv	86

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

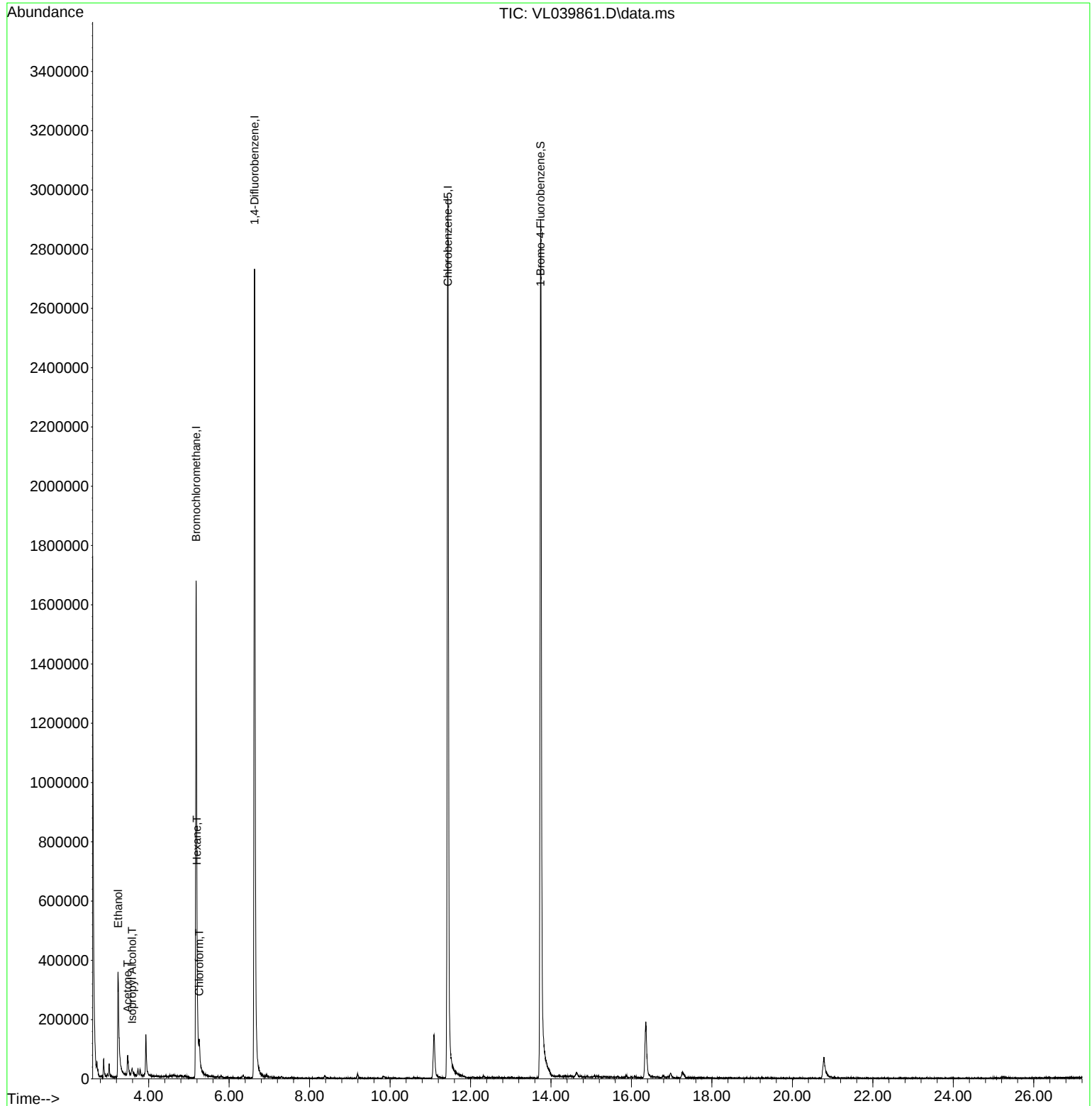
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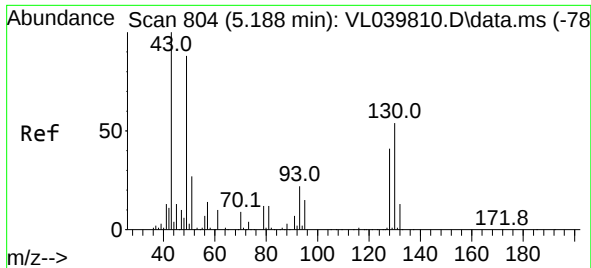
Instrument :
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ClientSampleId :
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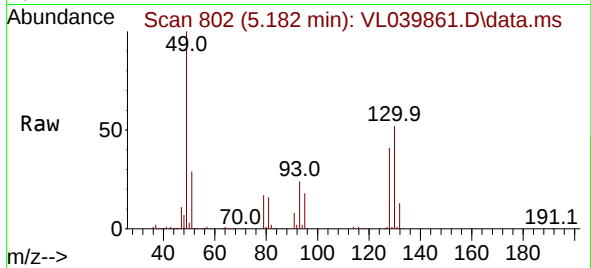
Reviewed By : Semsettin Yesilyurt 11/10/2022
Supervised By : Mahesh Dadoda 11/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.006 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

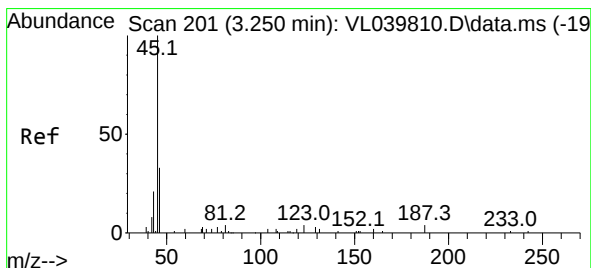
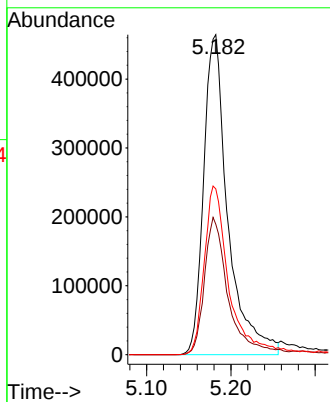
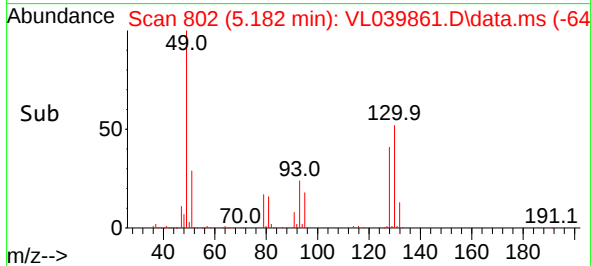
Instrument :
MSVOA_L
ClientSampleId :
IA-18FDL



Tgt Ion: 49 Resp: 92989
Ion Ratio Lower Upper
49 100
128 44.2 24.6 73.6
130 55.8 31.1 93.2

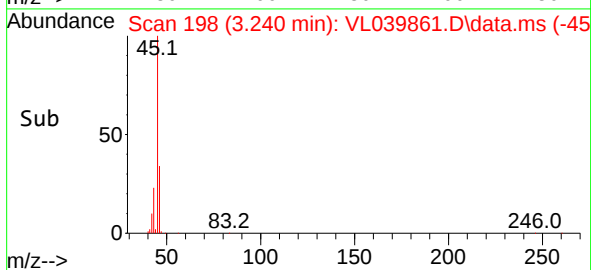
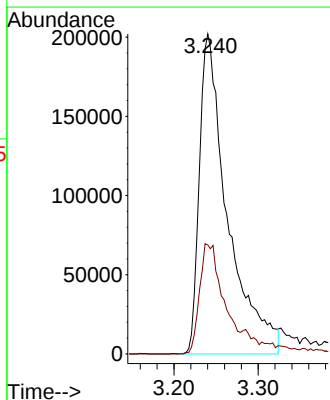
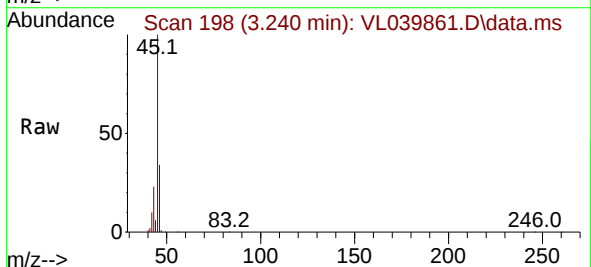
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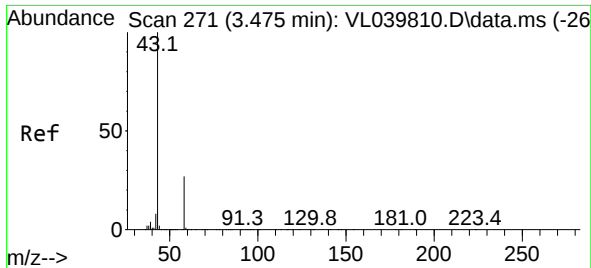
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#13
Ethanol
Concen: 114.882 ppbv
RT: 3.240 min Scan# 198
Delta R.T. -0.010 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

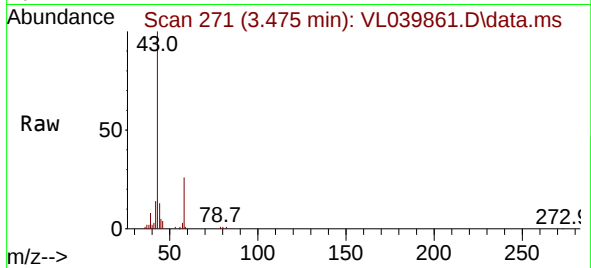
Tgt Ion: 45 Resp: 468971
Ion Ratio Lower Upper
45 100
46 36.1 16.5 65.9





#15
Acetone
Concen: 0.673 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.000 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

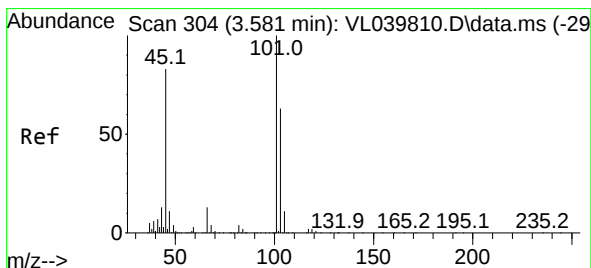
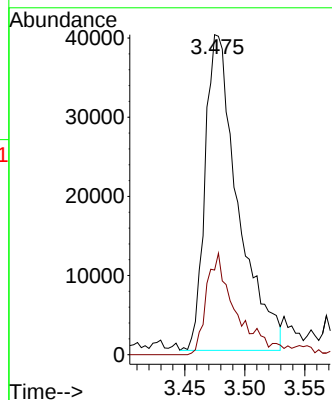
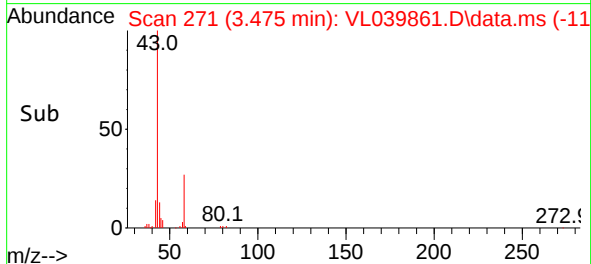
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ClientSampleId :
IA-18FDL



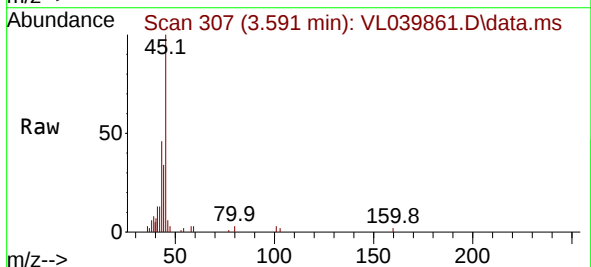
Tgt Ion: 43 Resp: 76139
Ion Ratio Lower Upper
43 100
58 31.2 23.2 34.8

Manual Integrations
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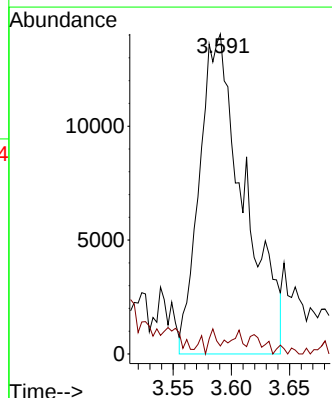
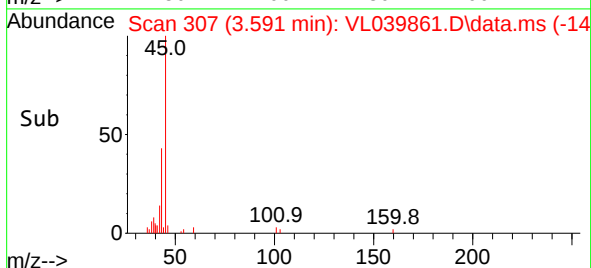
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

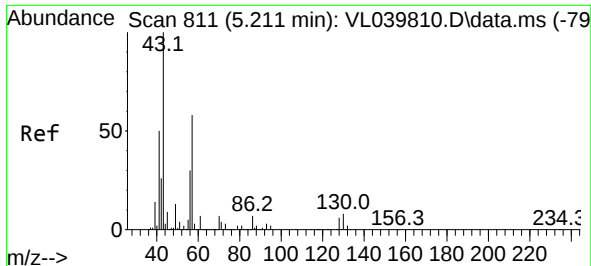


#19
Isopropyl Alcohol
Concen: 0.665 ppbv m
RT: 3.591 min Scan# 307
Delta R.T. 0.010 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27



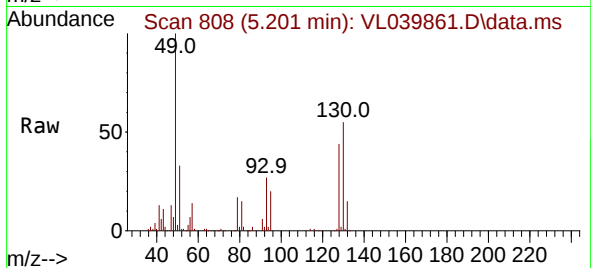
Tgt Ion: 45 Resp: 37234
Ion Ratio Lower Upper
45 100
58 5.4 38.3 57.5#





#26
Hexane
Concen: 0.299 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

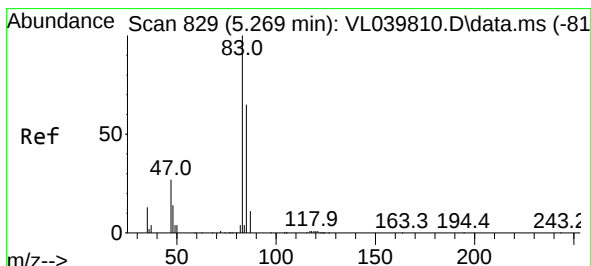
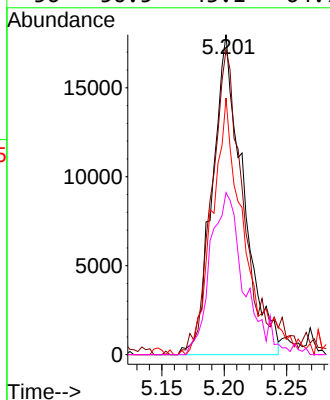
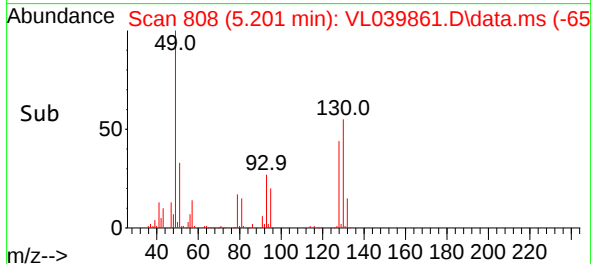
Instrument :
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ClientSampleId :
IA-18FDL



Tgt Ion: 57 Resp: 31039
Ion Ratio Lower Upper
57 100
41 104.2 73.7 110.5
43 84.4 189.8 284.8
56 56.5 43.1 64.7

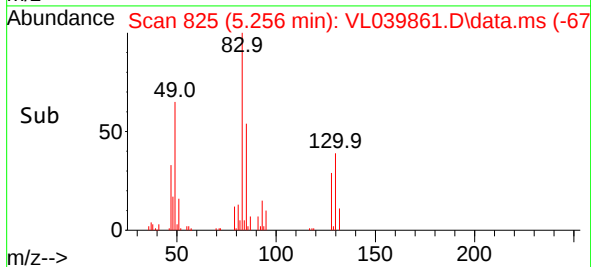
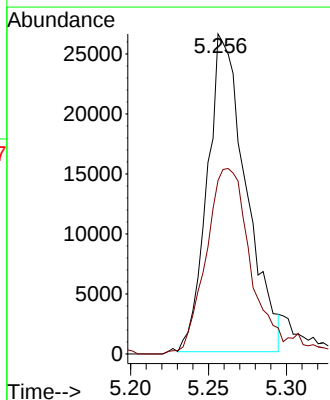
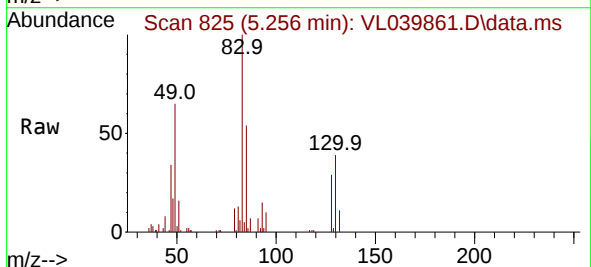
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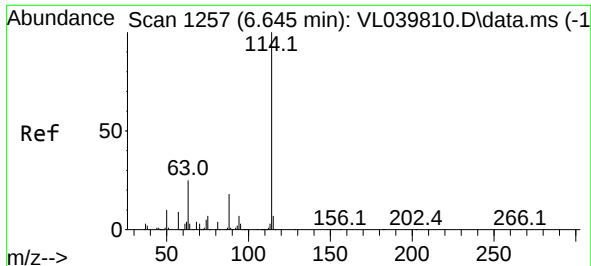
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#29
Chloroform
Concen: 0.312 ppbv
RT: 5.256 min Scan# 825
Delta R.T. -0.013 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

Tgt Ion: 83 Resp: 45672
Ion Ratio Lower Upper
83 100
85 53.5 51.6 77.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL039861.D

Acq: 9 Nov 2022 23:27

Instrument :

MSVOA_L

ClientSampleId :

IA-18FDL

Tgt Ion:114 Resp: 209438

Ion Ratio Lower Upper

114 100

63 28.7 19.8 29.6

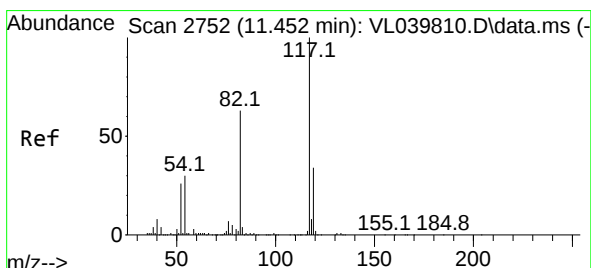
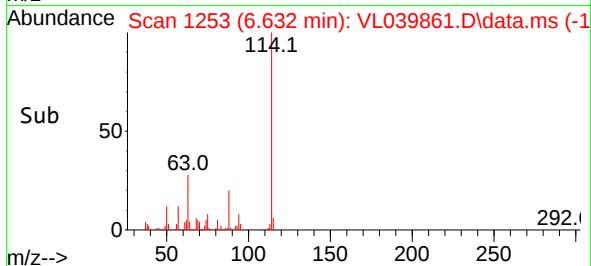
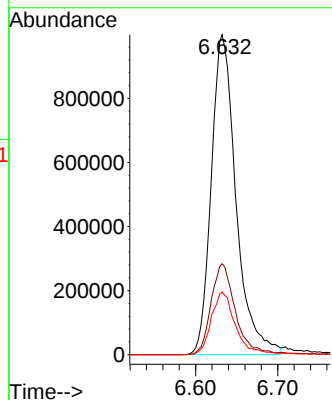
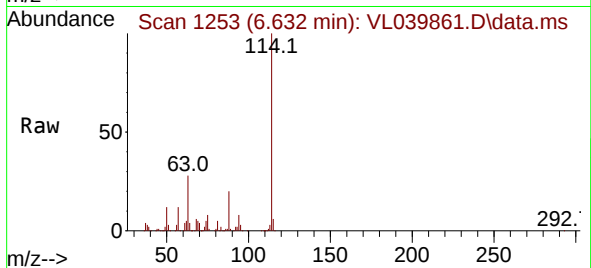
88 19.5 14.4 21.6

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.436 min Scan# 2747

Delta R.T. -0.016 min

Lab File: VL039861.D

Acq: 9 Nov 2022 23:27

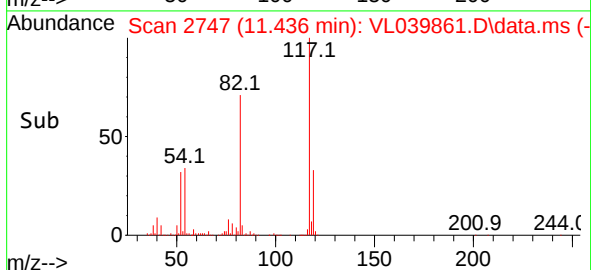
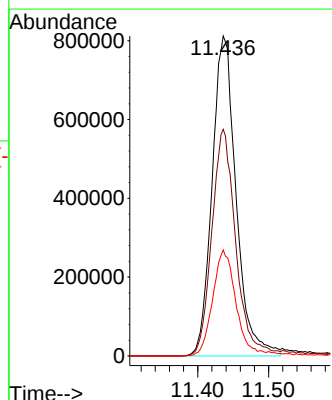
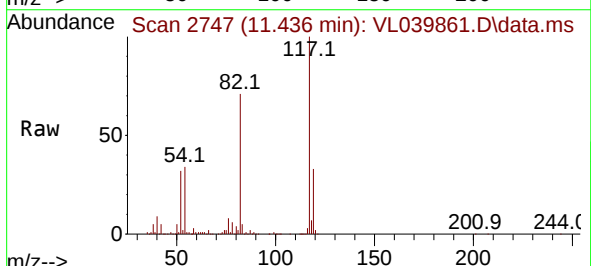
Tgt Ion:117 Resp: 1911327

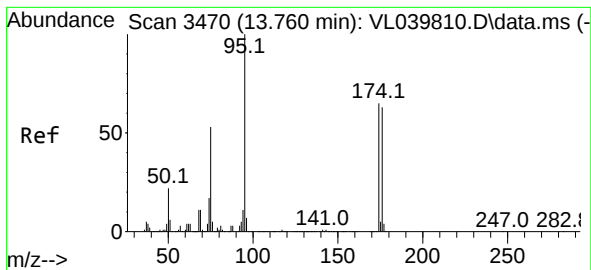
Ion Ratio Lower Upper

117 100

82 72.1 51.0 76.6

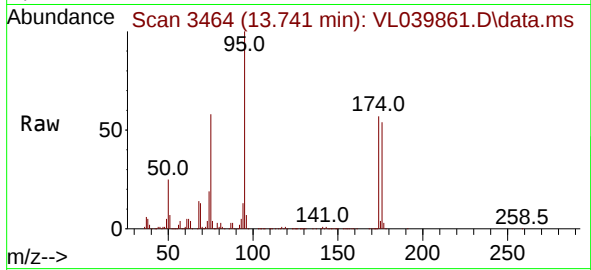
119 32.9 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.949 ppbv
 RT: 13.741 min Scan# 34
 Delta R.T. -0.019 min
 Lab File: VL039861.D
 Acq: 9 Nov 2022 23:27

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18FDL



Tgt Ion: 95 Resp: 1566424
 Ion Ratio Lower Upper
 95 100
 174 61.4 53.4 80.0
 175 4.3 4.1 6.1

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