

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039530.D
 Acq On : 26 Jul 2022 00:10
 Operator : SY/AP
 Sample : N3842-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:09:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1129311	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	3034111	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	2690978	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1974415	9.890	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
9) Propene	3.028	41	39635m	0.613	ppbv	
13) Ethanol	3.603	45	843050	224.577	ppbv	77
15) Acetone	3.854	43	347797	2.603	ppbv	95
20) Methylene Chloride	4.353	84	245962m	4.619	ppbv	
26) Hexane	5.693	57	152049	1.377	ppbv #	50
29) Chloroform	5.751	83	56921m	0.296	ppbv	
76) 1,4-Dichlorobenzene	17.140	146	119117m	0.581	ppbv	

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

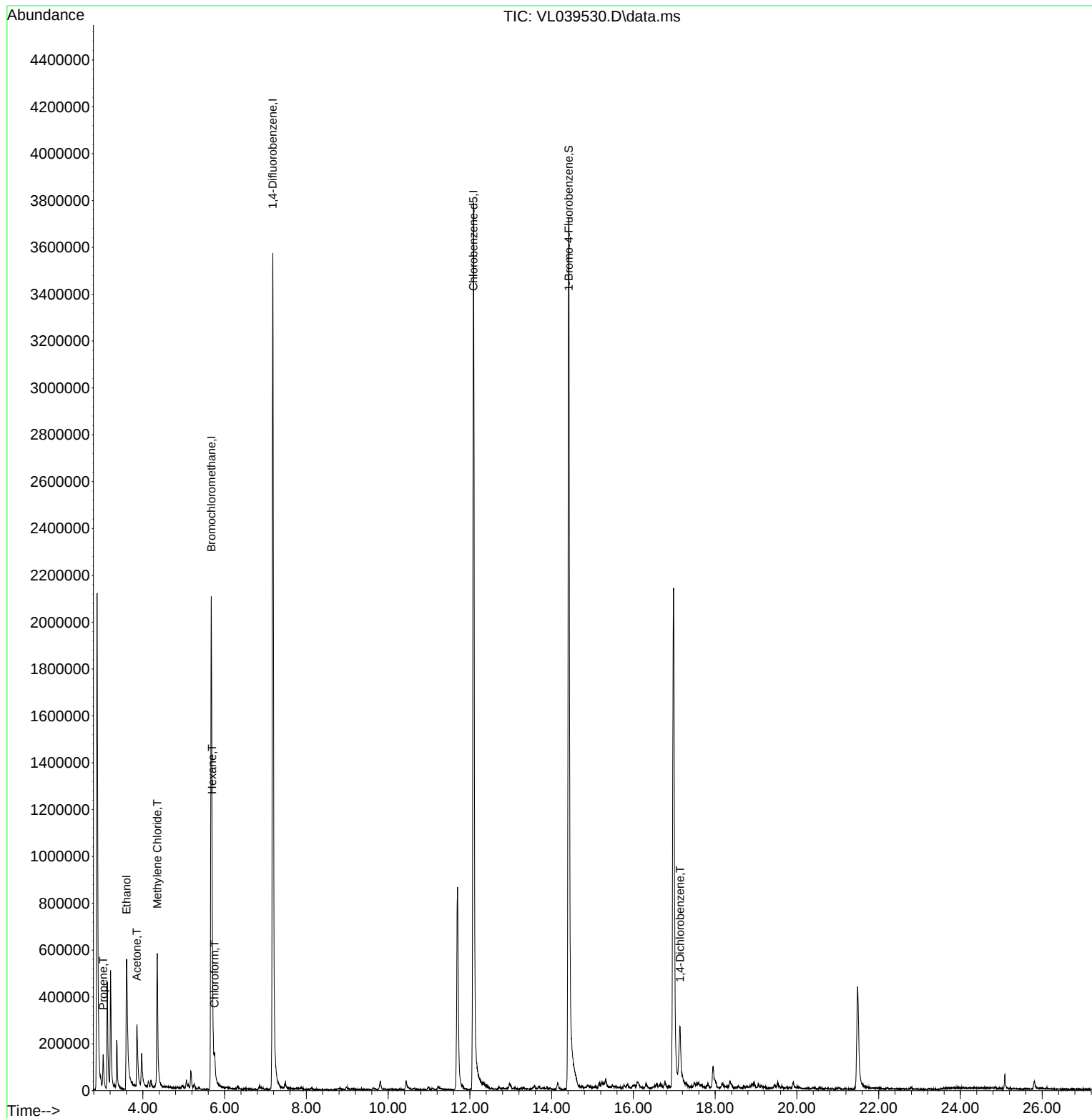
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
Data File : VL039530.D
Acq On : 26 Jul 2022 00:10
Operator : SY/AP
Sample : N3842-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

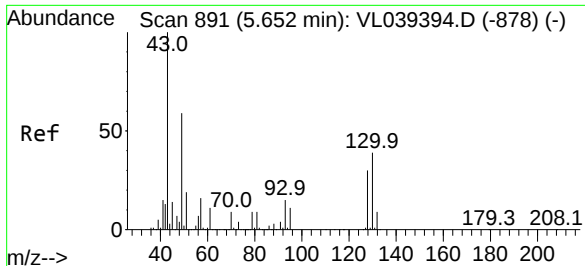
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
Supervised By : Mahesh Dadoda 07/26/2022

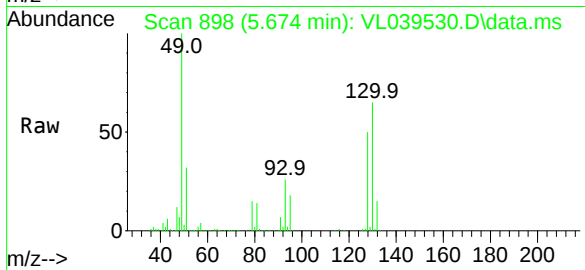
Quant Time: Jul 26 08:09:17 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 891
Delta R.T. 0.022 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10

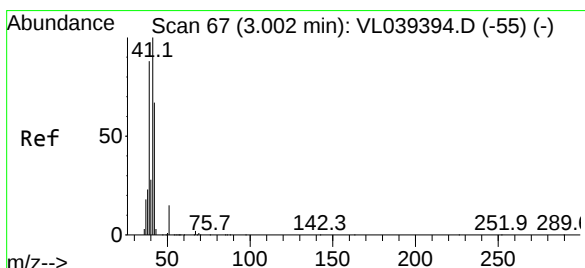
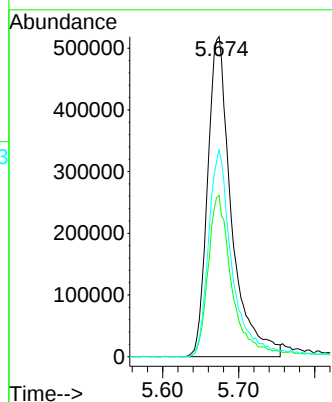
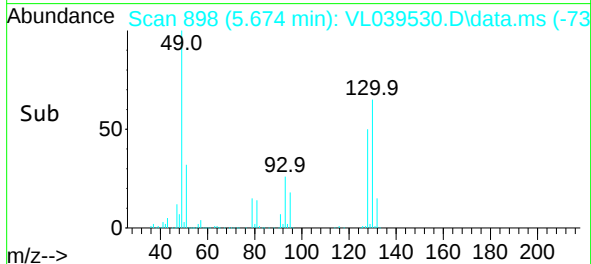
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 49 Resp: 112931
Ion Ratio Lower Upper
49 100
128 51.8 26.7 80.0
130 66.8 34.3 102.8

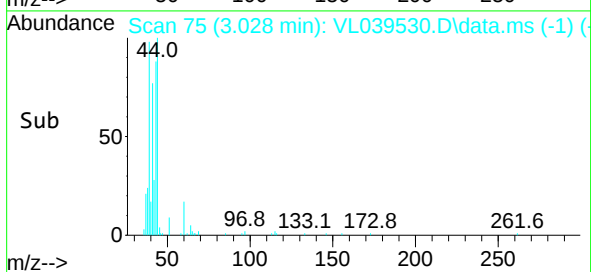
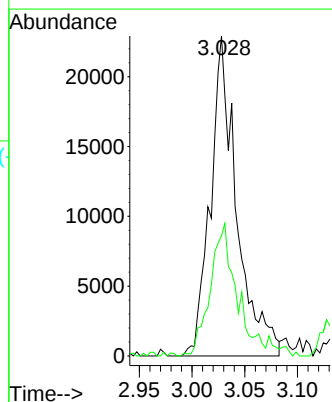
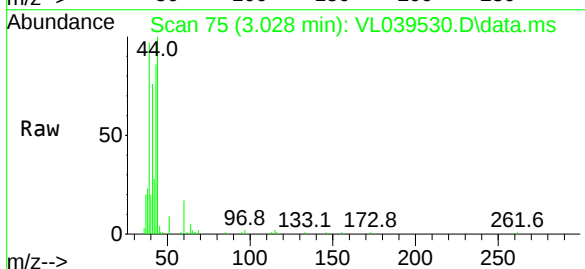
Manual Integrations
APPROVED

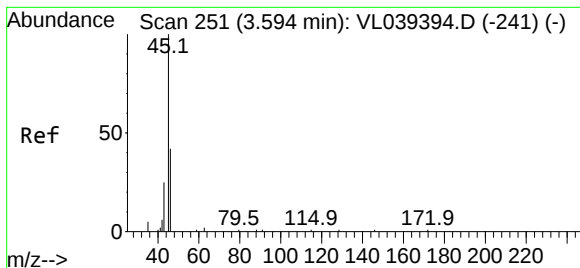
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#9
Propene
Concen: 0.613 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10

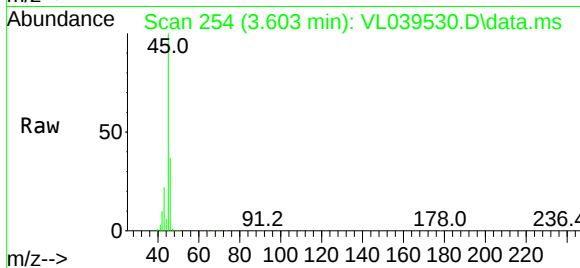
Tgt Ion: 41 Resp: 39635
Ion Ratio Lower Upper
41 100
42 43.8 55.2 82.8#





#13
Ethanol
Concen: 224.577 ppbv
RT: 3.603 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10

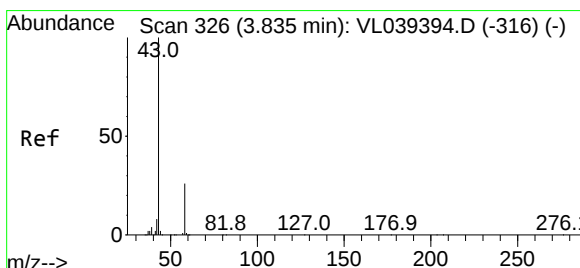
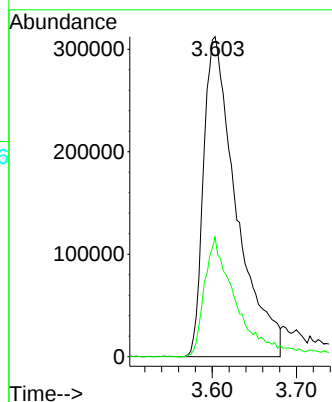
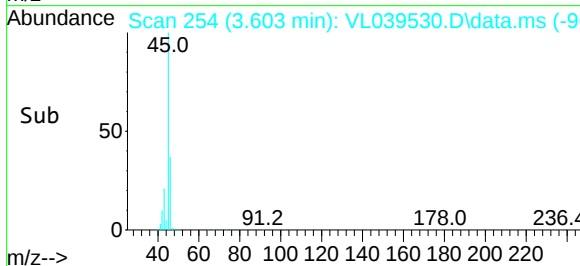
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 45 Resp: 843050
Ion Ratio Lower Upper
45 100
46 40.2 22.8 91.2

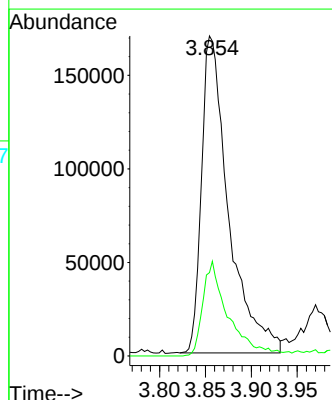
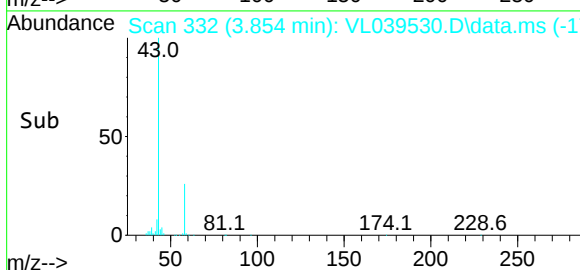
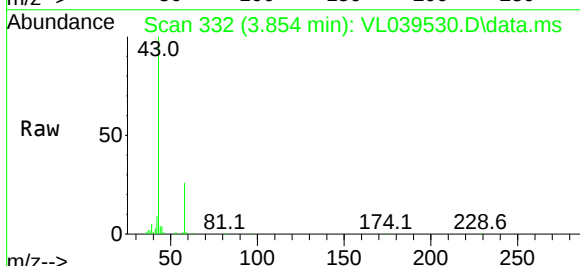
Manual Integrations
APPROVED

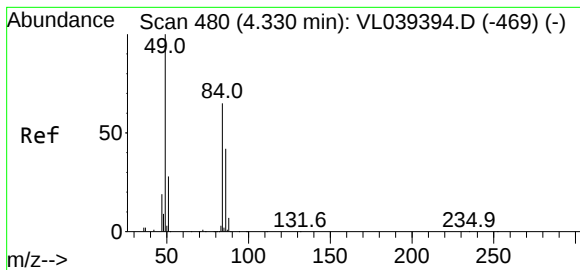
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#15
Acetone
Concen: 2.603 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.019 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10

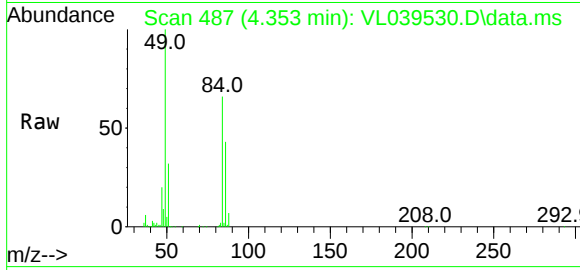
Tgt Ion: 43 Resp: 347797
Ion Ratio Lower Upper
43 100
58 28.8 21.0 31.6





#20
Methylene Chloride
Concen: 4.619 ppbv m
RT: 4.353 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10

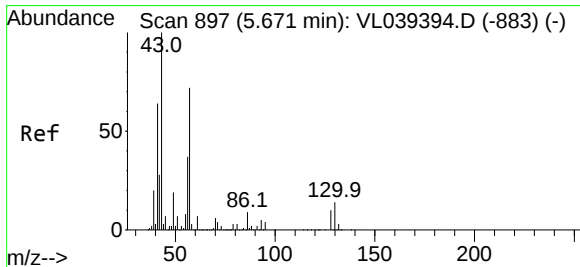
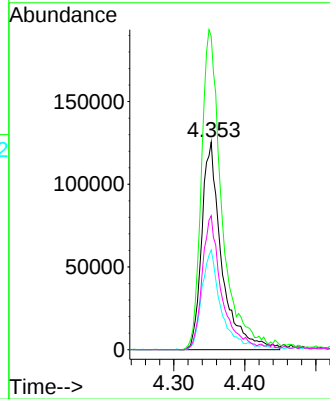
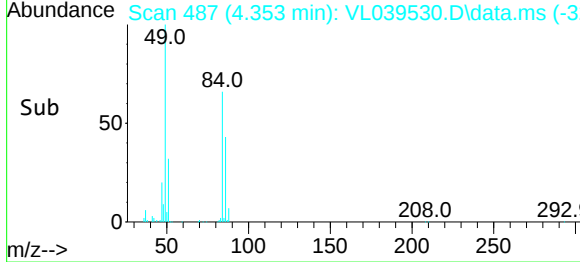
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 84 Resp: 245962
Ion Ratio Lower Upper
84 100
49 150.9 123.1 184.7
51 48.0 34.4 51.6
86 64.5 51.1 76.7

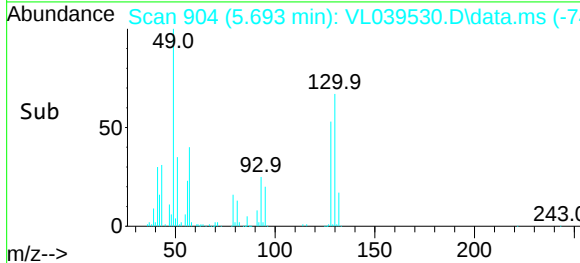
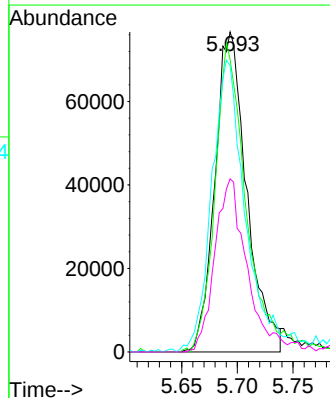
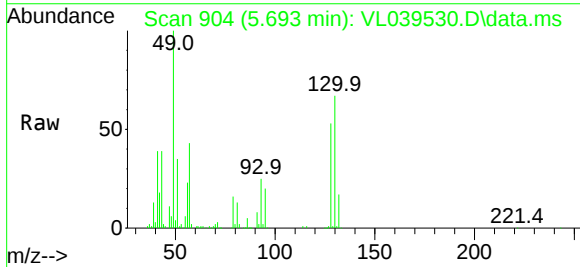
Manual Integrations
APPROVED

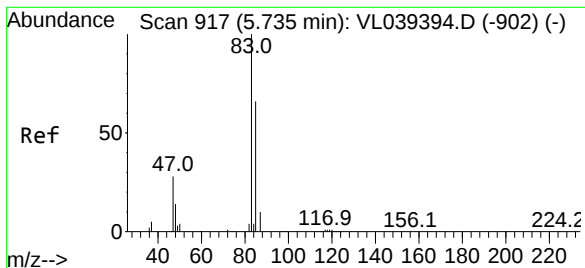
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#26
Hexane
Concen: 1.377 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.022 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10

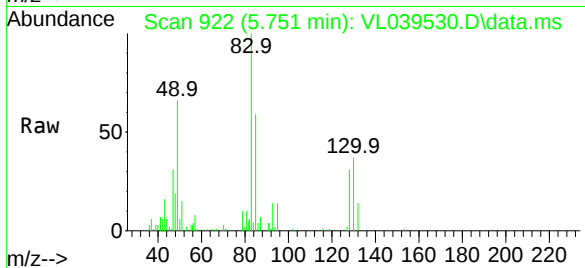
Tgt Ion: 57 Resp: 152049
Ion Ratio Lower Upper
57 100
41 98.0 76.9 115.3
43 103.2 191.0 286.6#
56 55.8 43.2 64.8





#29
Chloroform
Concen: 0.296 ppbv m
RT: 5.751 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10

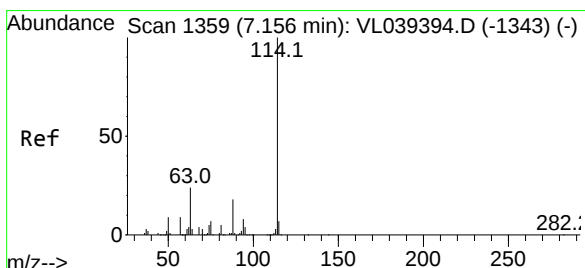
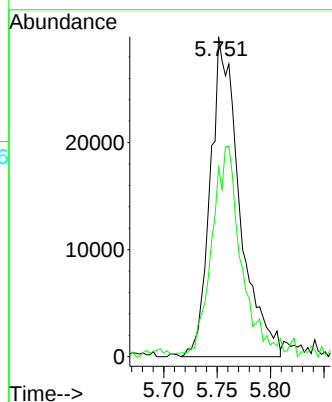
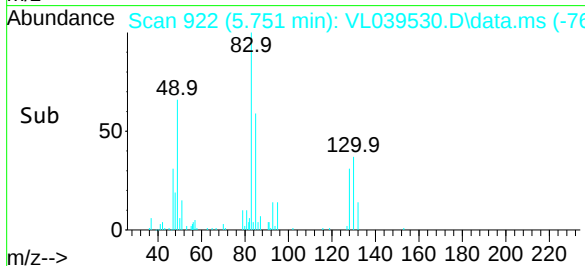
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



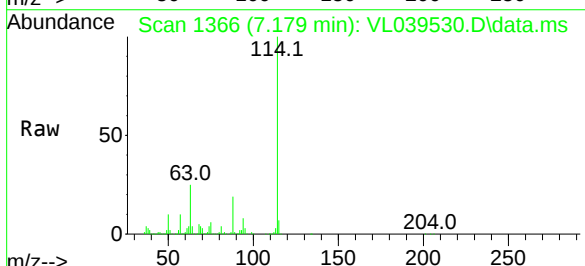
Tgt Ion: 83 Resp: 5692
Ion Ratio Lower Upper
83 100
85 59.1 52.8 79.2

Manual Integrations
APPROVED

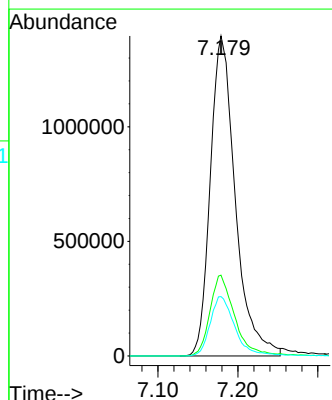
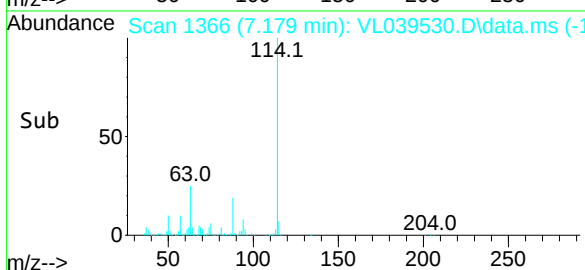
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

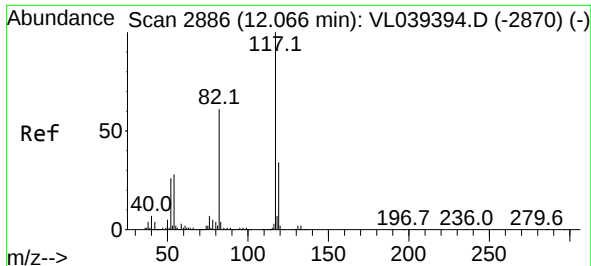


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.022 min
Lab File: VL039530.D
Acq: 26 Jul 2022 00:10



Tgt Ion:114 Resp: 3034111
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.5 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.089 min Scan# 2886

Delta R.T. 0.022 min

Lab File: VL039530.D

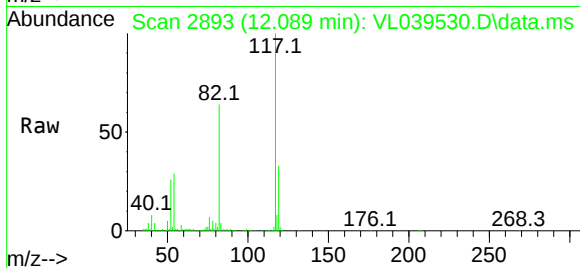
Acq: 26 Jul 2022 00:10

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL



Tgt Ion: 117 Resp: 2690978

Ion Ratio Lower Upper

117 100

82 64.7 50.8 76.2

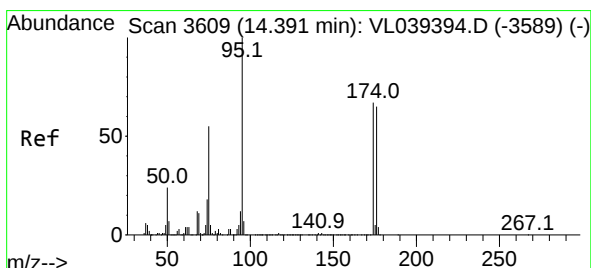
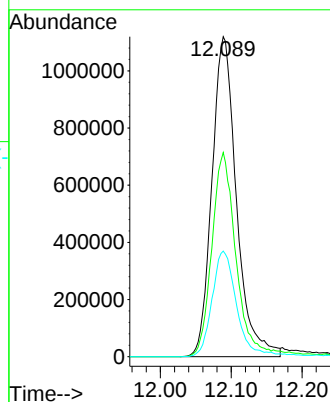
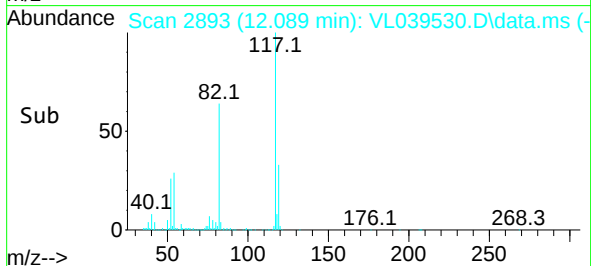
119 33.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.890 ppbv

RT: 14.417 min Scan# 3617

Delta R.T. 0.026 min

Lab File: VL039530.D

Acq: 26 Jul 2022 00:10

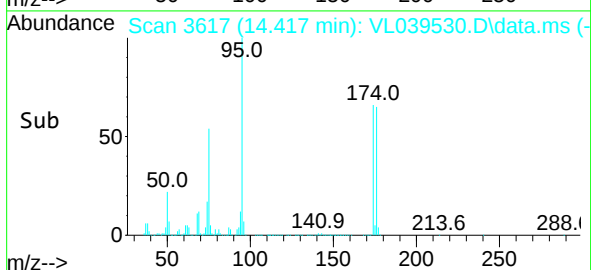
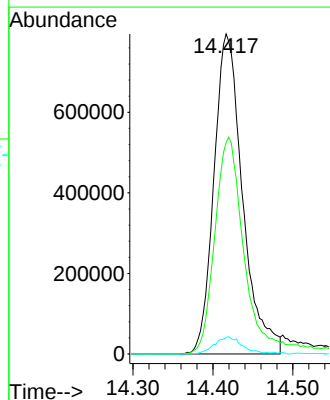
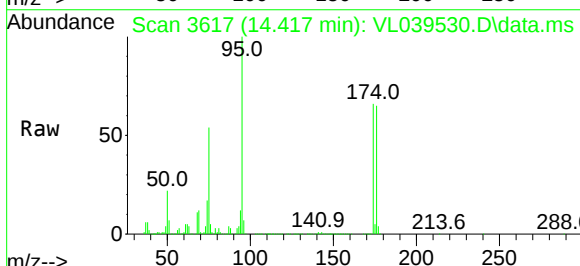
Tgt Ion: 95 Resp: 1974415

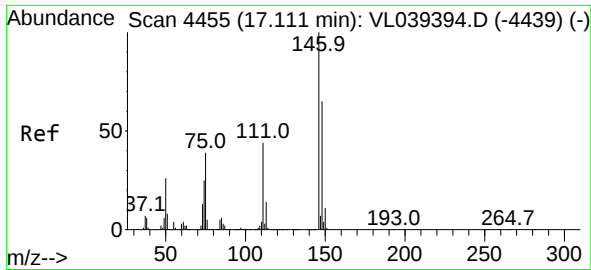
Ion Ratio Lower Upper

95 100

174 72.9 55.9 83.9

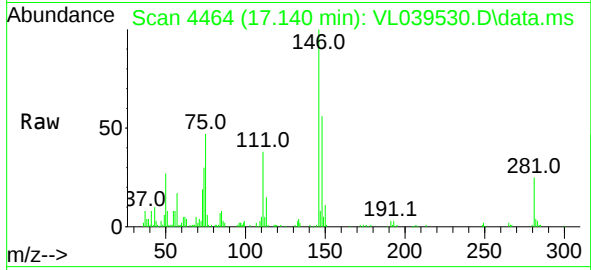
175 5.4 4.2 6.4





#76
 1,4-Dichlorobenzene
 Concen: 0.581 ppbv m
 RT: 17.140 min Scan# 44
 Delta R.T. 0.029 min
 Lab File: VL039530.D
 Acq: 26 Jul 2022 00:10

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL



Tgt Ion:146 Resp: 11911
 Ion Ratio Lower Upper
 146 100
 111 48.8 22.9 68.8
 148 68.4 33.6 100.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

