

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039859.D
 Acq On : 9 Nov 2022 22:08
 Operator : SY/AP
 Sample : N5555-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9EDL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 03:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 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	5.179	49	943207	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2229172	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.433	117	1979448	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1611491	10.877	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.800%
Target Compounds						
						Qvalue
13) Ethanol	3.246	45	148553m	35.877	ppbv	
15) Acetone	3.475	43	61179	0.533	ppbv	99
20) Methylene Chloride	3.931	84	59589	1.451	ppbv #	82
26) Hexane	5.201	57	77642	0.736	ppbv #	40
29) Chloroform	5.259	83	25496m	0.172	ppbv	
53) Toluene	9.198	91	23130m	0.107	ppbv	

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

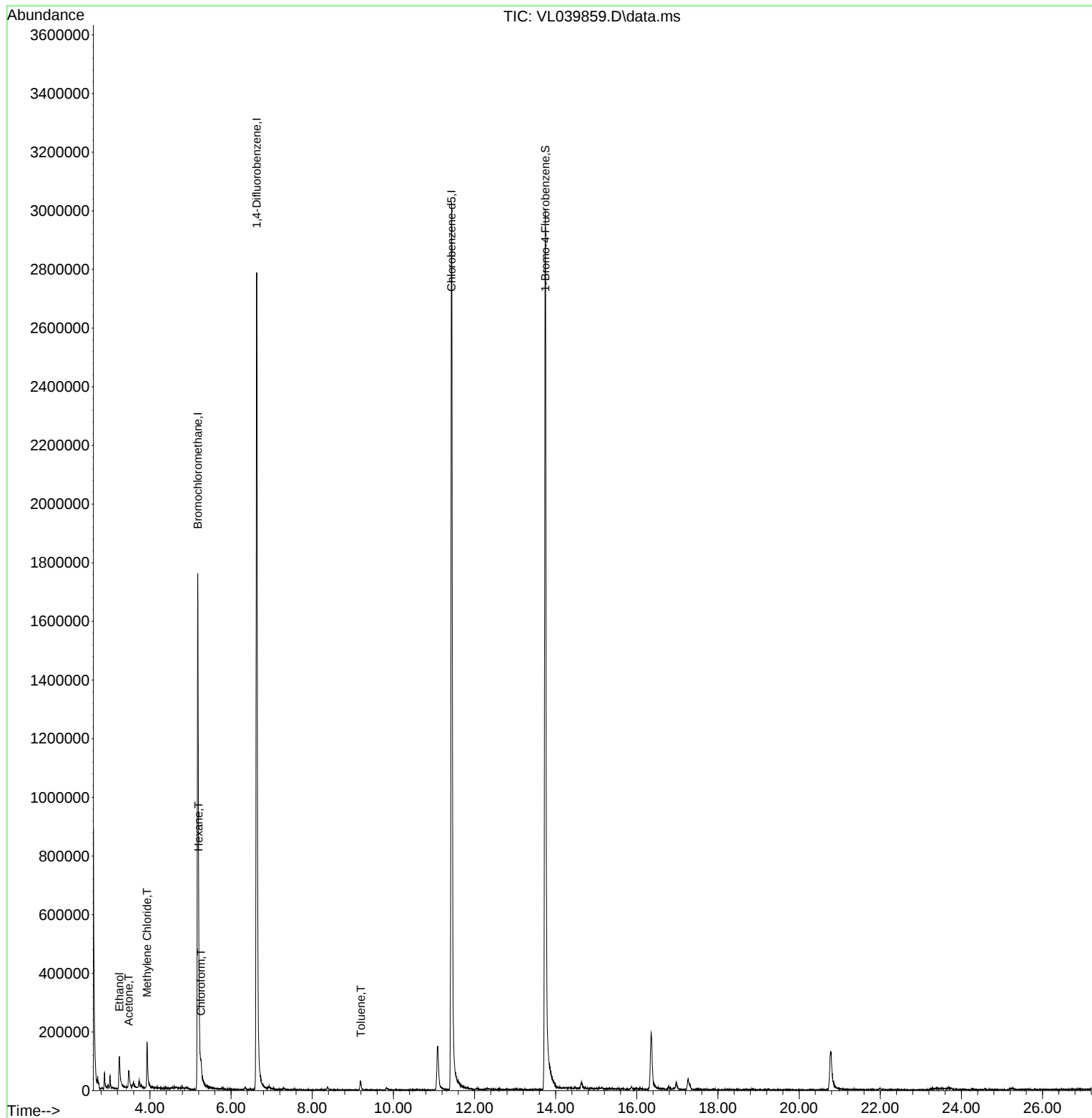
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039859.D
Acq On : 9 Nov 2022 22:08
Operator : SY/AP
Sample : N5555-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

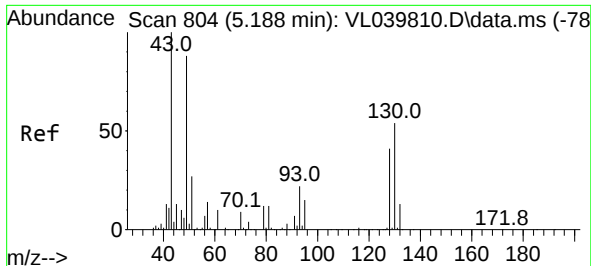
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL

Quant Time: Nov 10 03:52:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

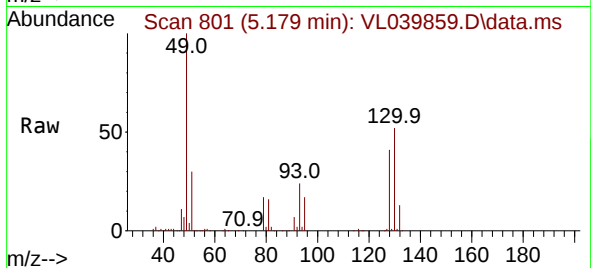
Reviewed By : Semsettin Yesilyurt 11/10/2022
Supervised By : Mahesh Dadoda 11/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.009 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

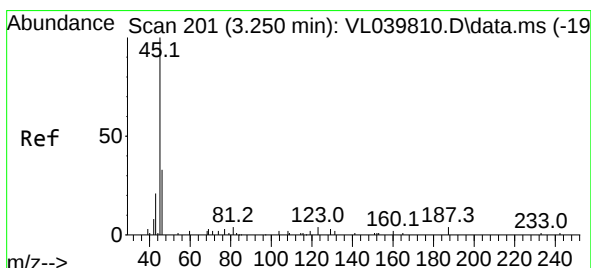
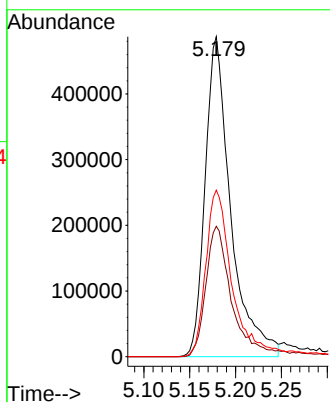
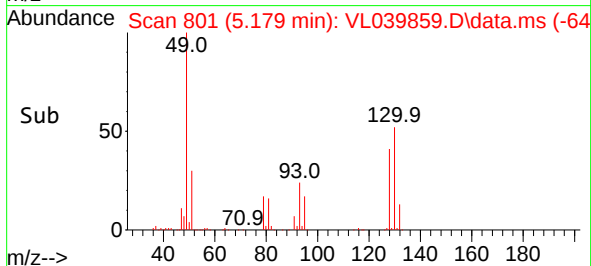
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL



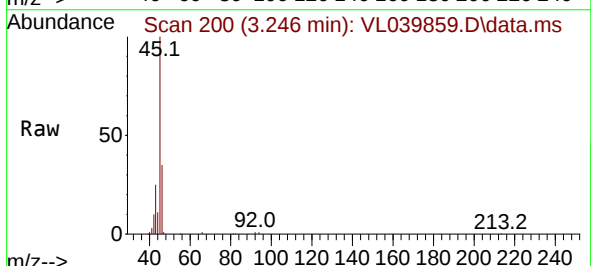
Tgt Ion: 49 Resp: 94320
Ion Ratio Lower Upper
49 100
128 43.8 24.6 73.6
130 56.8 31.1 93.2

Manual Integrations
APPROVED

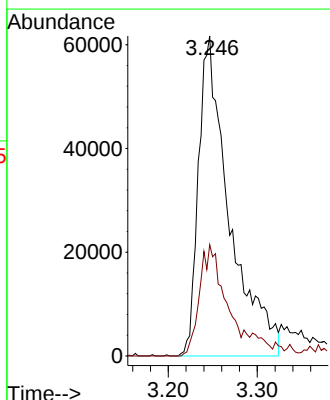
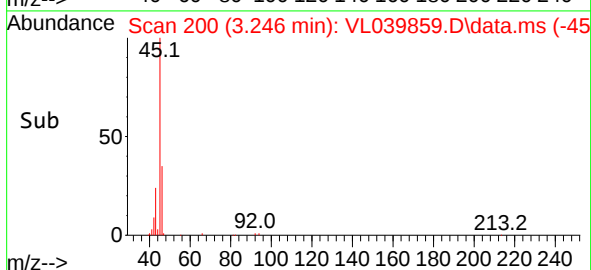
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

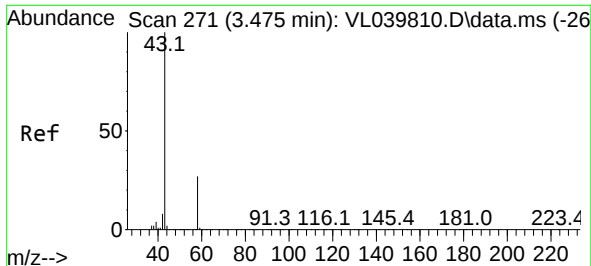


#13
Ethanol
Concen: 35.877 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. -0.003 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08



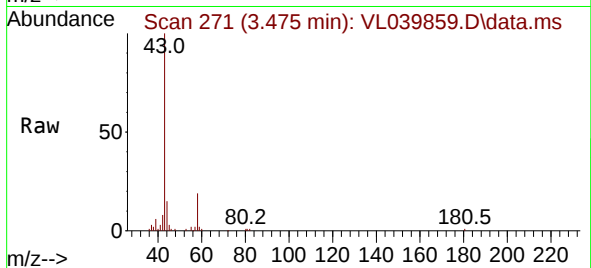
Tgt Ion: 45 Resp: 148553
Ion Ratio Lower Upper
45 100
46 34.6 16.5 65.9





#15
Acetone
Concen: 0.533 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

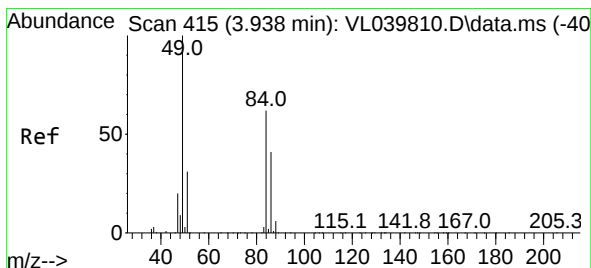
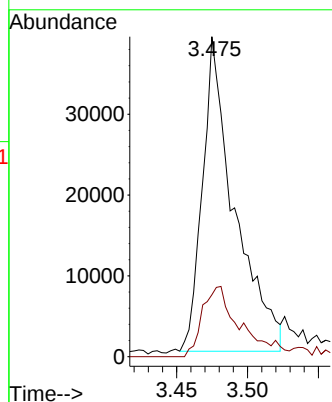
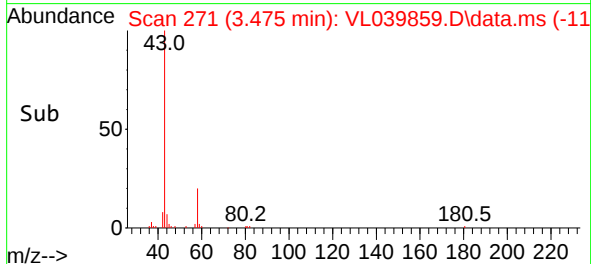
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL



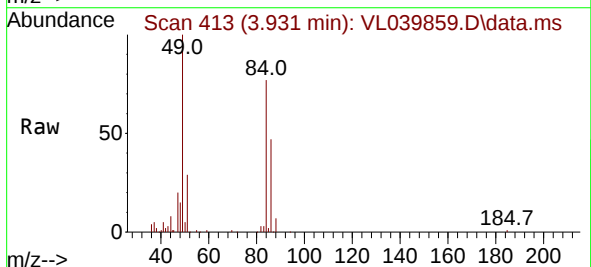
Tgt Ion: 43 Resp: 61179
Ion Ratio Lower Upper
43 100
58 29.4 23.2 34.8

Manual Integrations
APPROVED

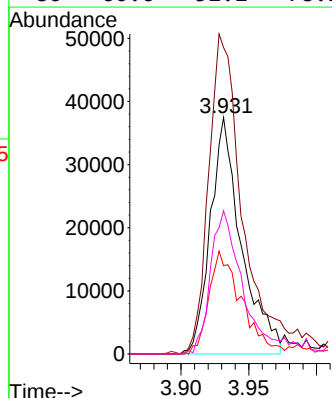
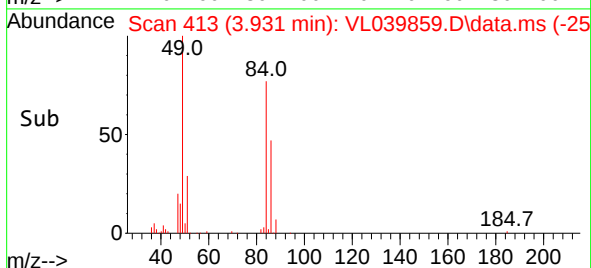
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

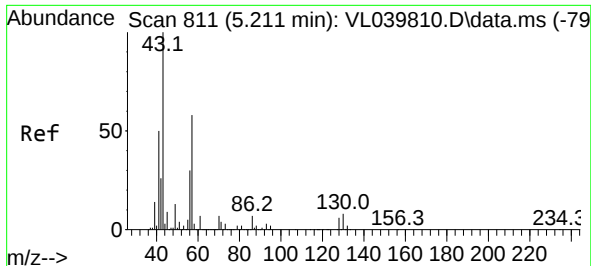


#20
Methylene Chloride
Concen: 1.451 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08



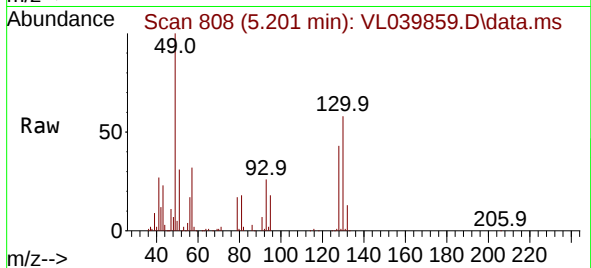
Tgt Ion: 84 Resp: 59589
Ion Ratio Lower Upper
84 100
49 129.6 128.6 192.8
51 37.3 40.2 60.4#
86 60.6 52.2 78.2





#26
Hexane
Concen: 0.736 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

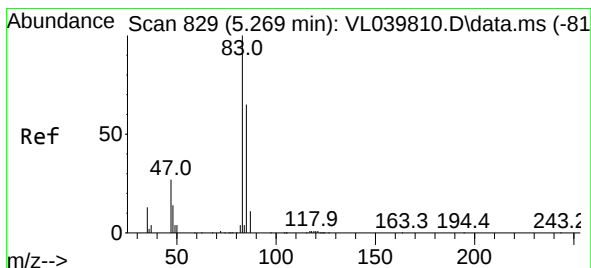
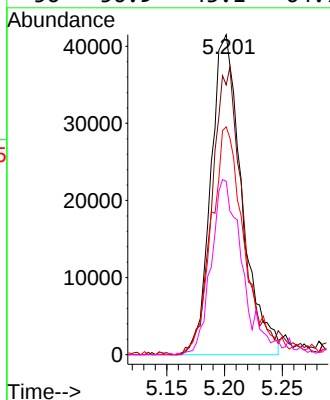
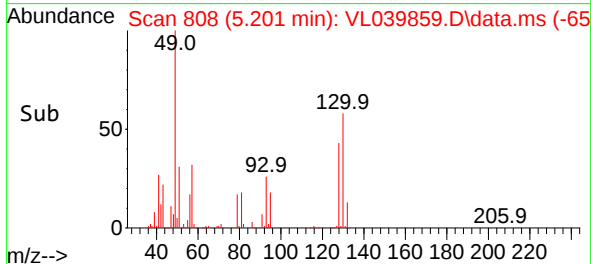
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL



Tgt Ion: 57 Resp: 77642
Ion Ratio Lower Upper
57 100
41 94.2 73.7 110.5
43 77.5 189.8 284.8
56 56.9 43.1 64.7

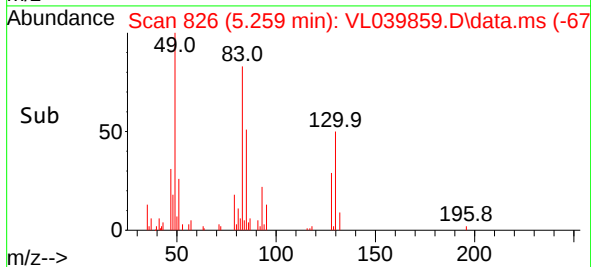
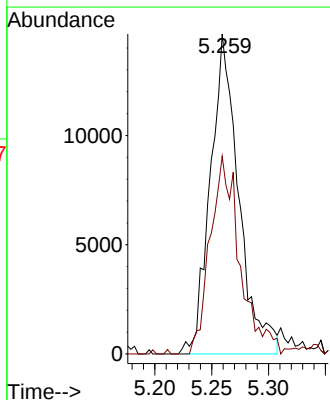
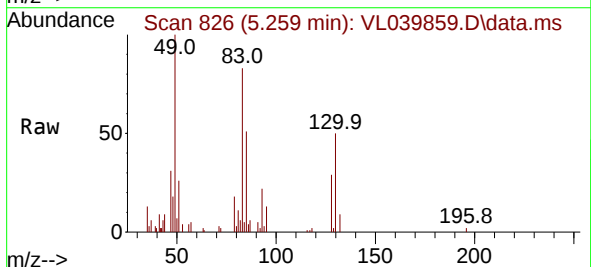
Manual Integrations
APPROVED

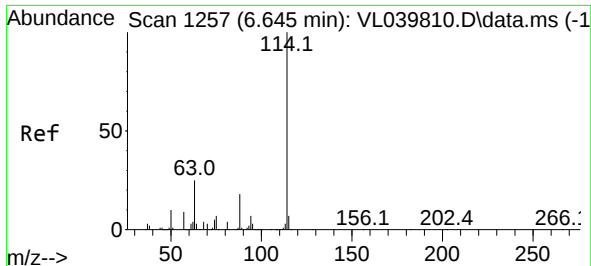
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#29
Chloroform
Concen: 0.172 ppbv m
RT: 5.259 min Scan# 826
Delta R.T. -0.010 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion: 83 Resp: 25496
Ion Ratio Lower Upper
83 100
85 61.8 51.6 77.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL039859.D

Acq: 9 Nov 2022 22:08

Instrument :

MSVOA_L

ClientSampleId :

IA-9EDL

Tgt Ion:114 Resp: 222917

Ion Ratio Lower Upper

114 100

63 27.5 19.8 29.6

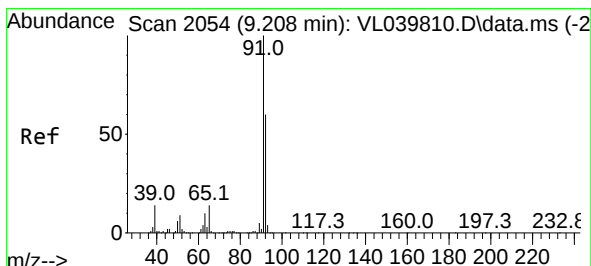
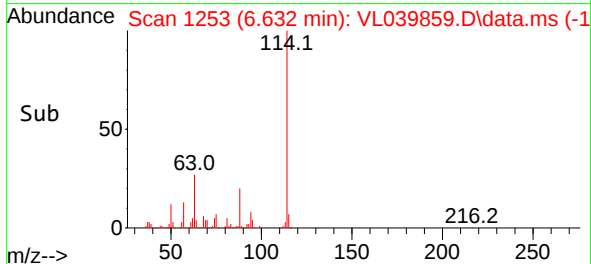
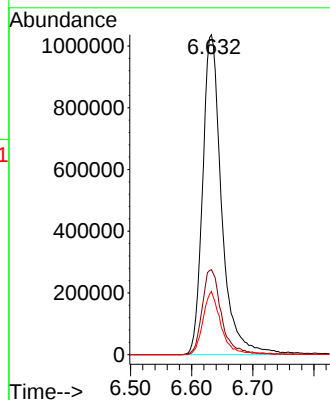
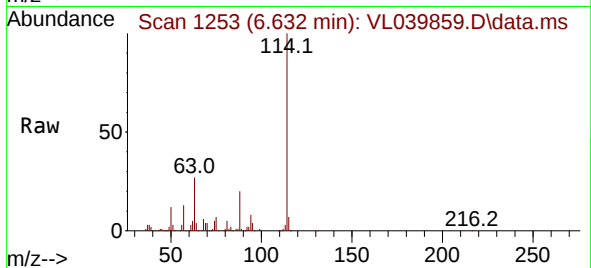
88 19.0 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#53

Toluene

Concen: 0.107 ppbv m

RT: 9.198 min Scan# 2051

Delta R.T. -0.010 min

Lab File: VL039859.D

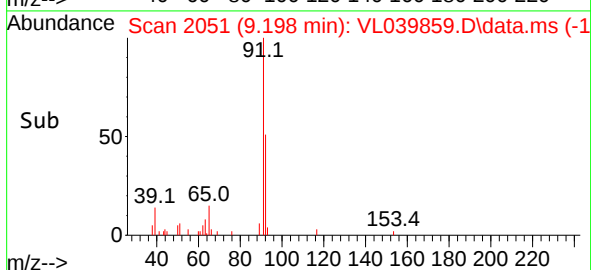
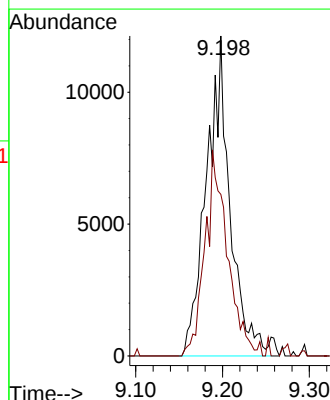
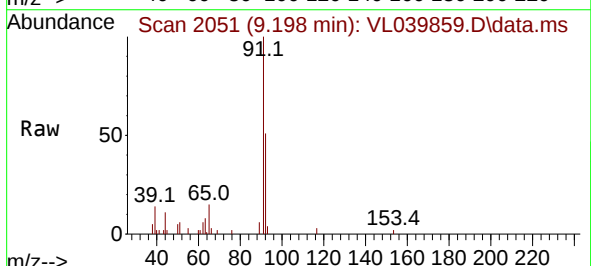
Acq: 9 Nov 2022 22:08

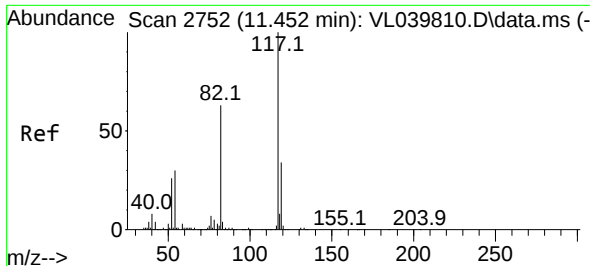
Tgt Ion: 91 Resp: 23130

Ion Ratio Lower Upper

91 100

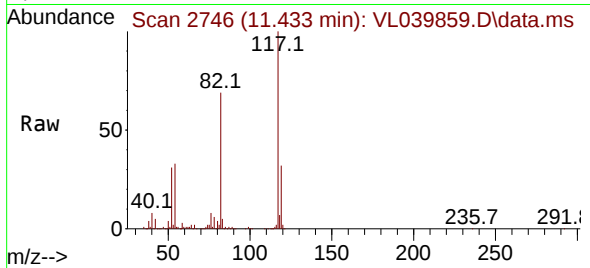
92 60.9 49.6 74.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

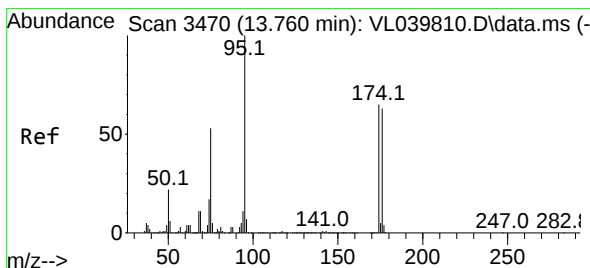
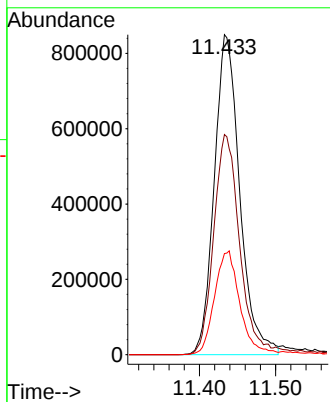
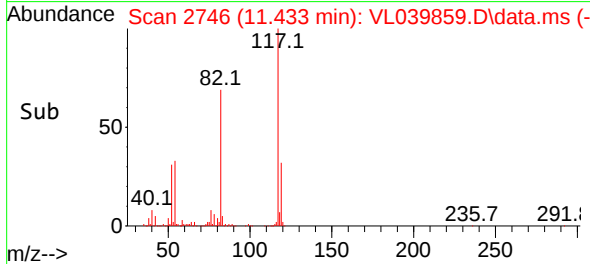
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL



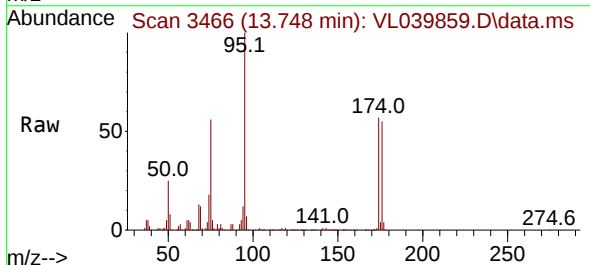
Tgt Ion:117 Resp: 197944
Ion Ratio Lower Upper
117 100
82 72.1 51.0 76.6
119 33.7 24.7 37.1

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 10.877 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. -0.013 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08



Tgt Ion: 95 Resp: 1611491
Ion Ratio Lower Upper
95 100
174 62.0 53.4 80.0
175 4.4 4.1 6.1

