

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039654.D
 Acq On : 22 Sep 2022 3:35
 Operator : SY/AP
 Sample : N4669-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF9DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 22 08:26:01 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.221	49	1055426	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.677	114	2760202	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2471344	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1804857	9.783	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	6572	0.054	ppbv #	69
3) Chlorodifluoromethane	2.681	51	13707	0.109	ppbv #	57
11) Trichlorofluoromethane	3.600	101	70725	0.467	ppbv	89
13) Ethanol	3.269	45	411840	94.490	ppbv	74
15) Acetone	3.504	43	244401	2.081	ppbv	94
20) Methylene Chloride	3.967	84	90141	1.660	ppbv	97
26) Hexane	5.240	57	40095m	0.369	ppbv	
29) Chloroform	5.301	83	11676m	0.074	ppbv	

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

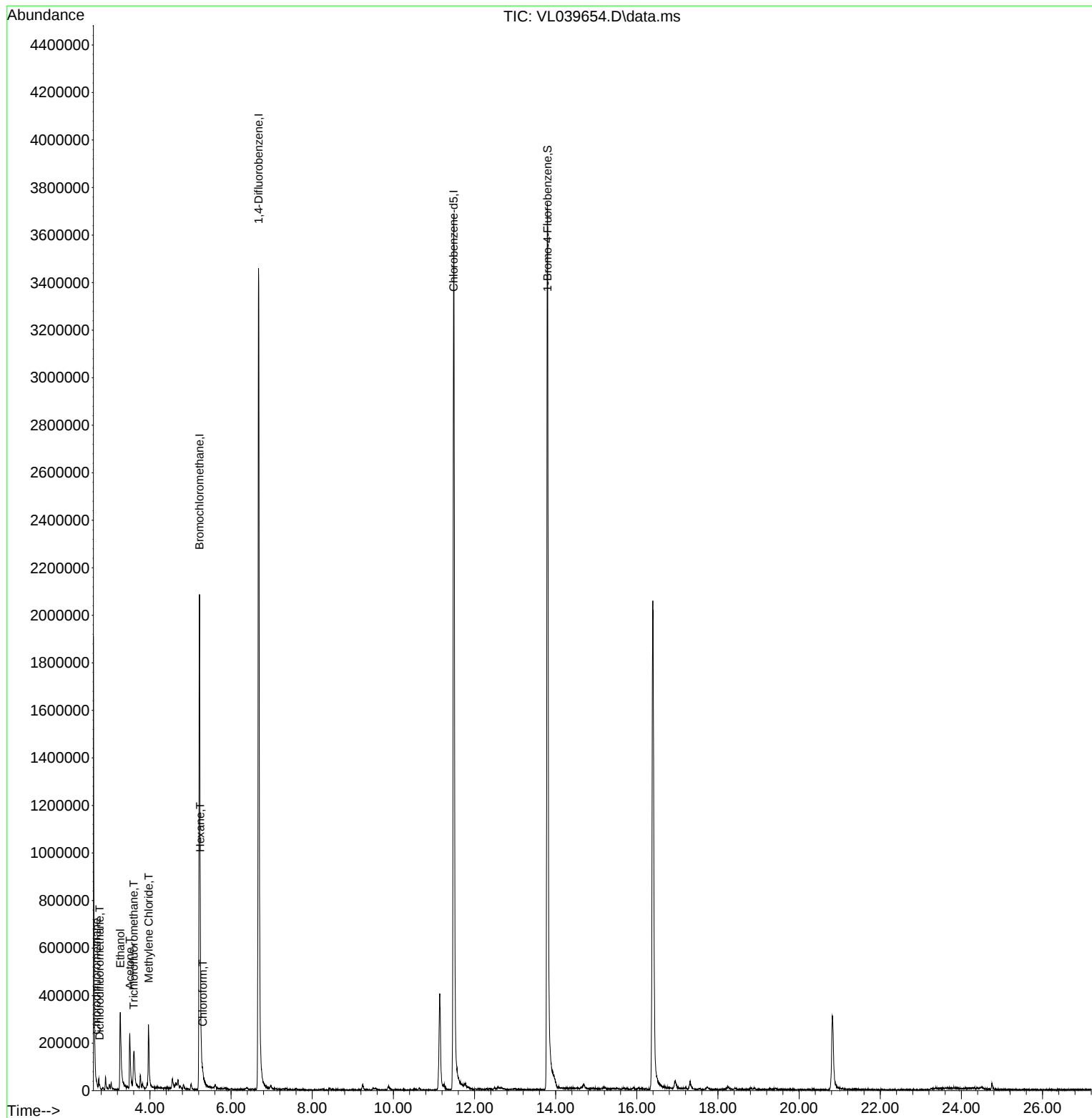
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
Data File : VL039654.D
Acq On : 22 Sep 2022 3:35
Operator : SY/AP
Sample : N4669-07DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

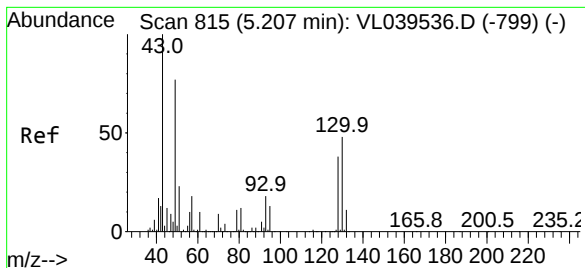
Instrument :
MSVOA_L
ClientSampleId :
C0PF9DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

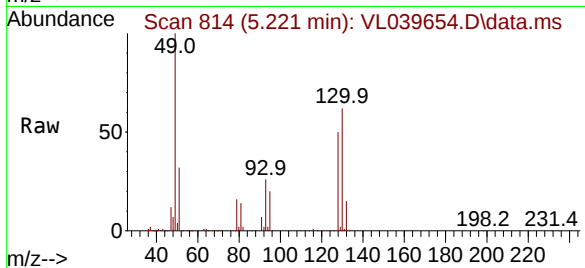
Quant Time: Sep 22 08:26:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. 0.014 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

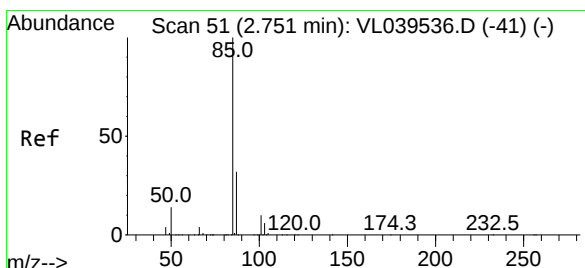
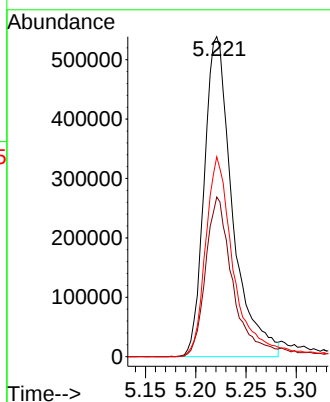
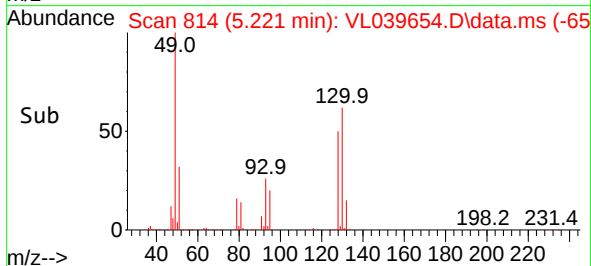
Instrument :
MSVOA_L
ClientSampleId :
C0PF9DL



Tgt Ion: 49 Resp: 1055420
Ion Ratio Lower Upper
49 100
128 51.7 26.7 80.0
130 64.5 34.3 102.8

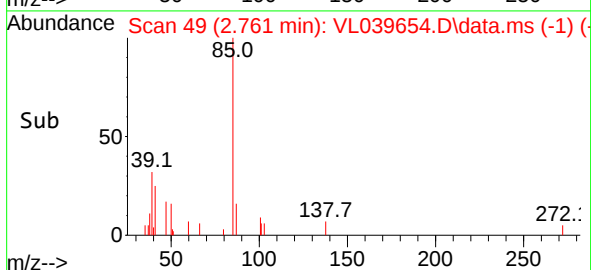
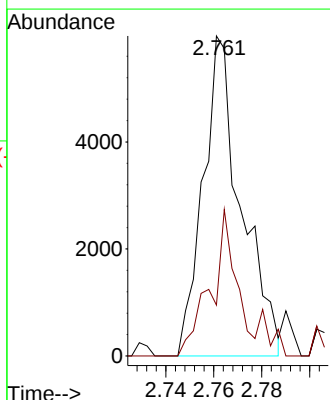
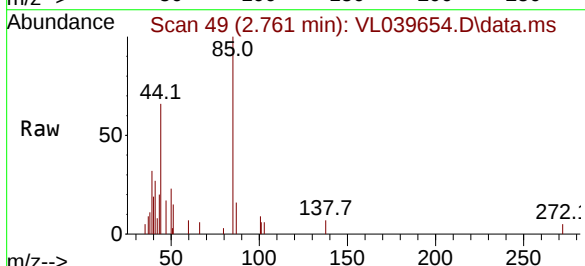
Manual Integrations
APPROVED

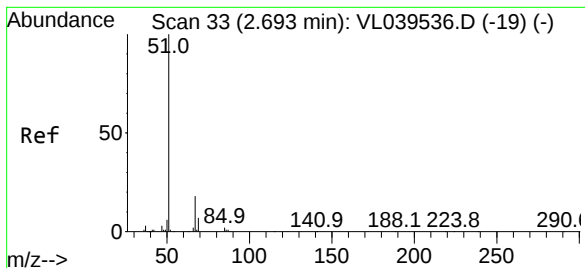
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 0.054 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.010 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

Tgt Ion: 85 Resp: 6572
Ion Ratio Lower Upper
85 100
87 15.9 26.7 40.1#





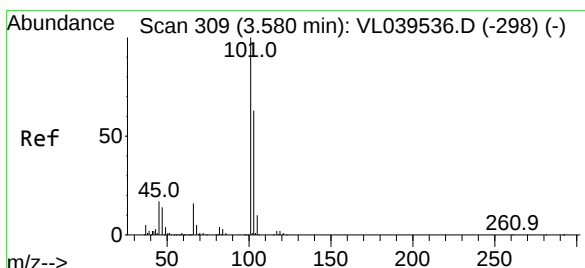
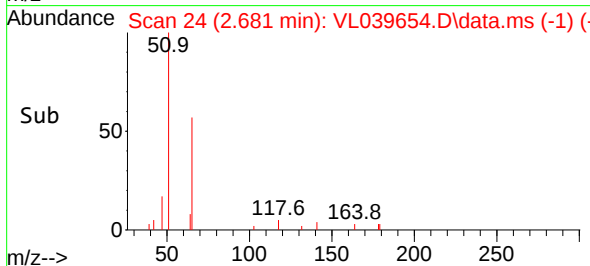
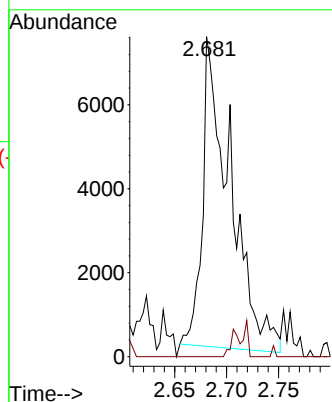
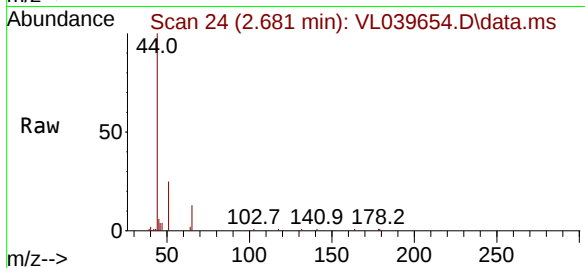
#3
Chlorodifluoromethane
Concen: 0.109 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.012 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

Instrument :
MSVOA_L
ClientSampleId :
C0PF9DL

Tgt Ion: 51 Resp: 1370
Ion Ratio Lower Upper
51 100
67 0.0 15.7 23.5

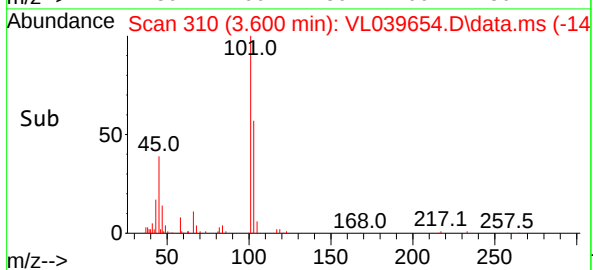
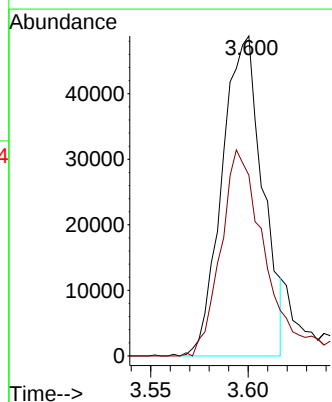
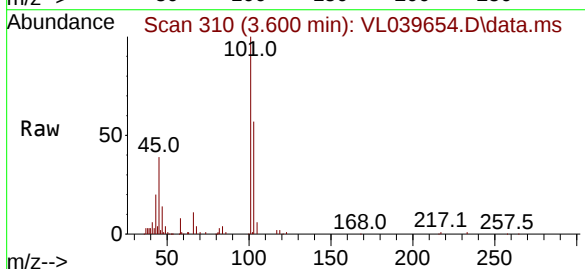
Manual Integrations
APPROVED

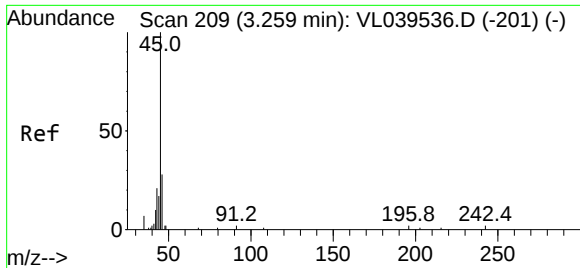
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#11
Trichlorofluoromethane
Concen: 0.467 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.020 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

Tgt Ion:101 Resp: 70725
Ion Ratio Lower Upper
101 100
103 56.5 51.8 77.8





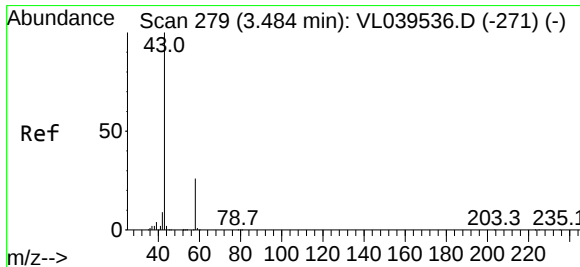
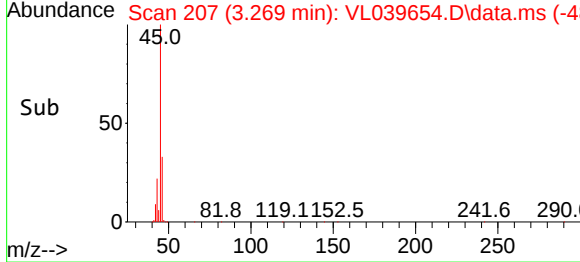
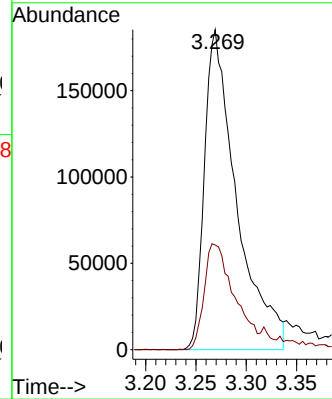
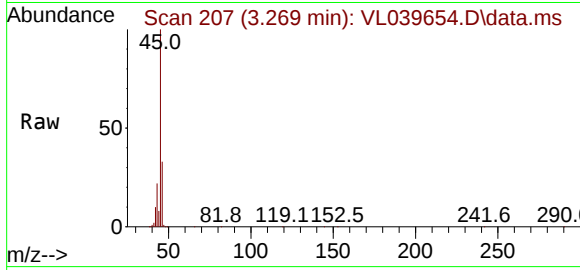
#13
Ethanol
Concen: 94.490 ppbv
RT: 3.269 min Scan# 209
Delta R.T. 0.010 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

Instrument :
MSVOA_L
ClientSampleId :
C0PF9DL

Tgt Ion: 45 Resp: 411840
Ion Ratio Lower Upper
45 100
46 37.6 22.8 91.2

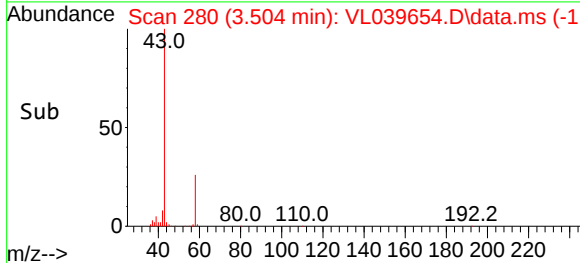
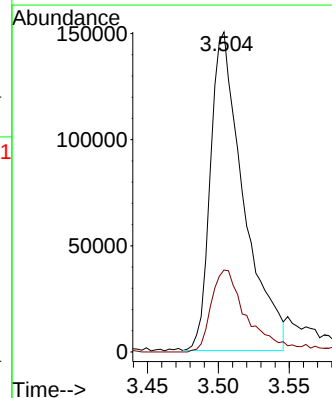
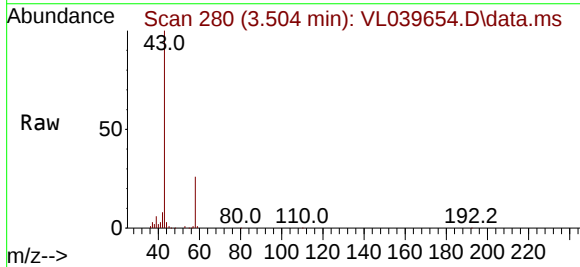
Manual Integrations
APPROVED

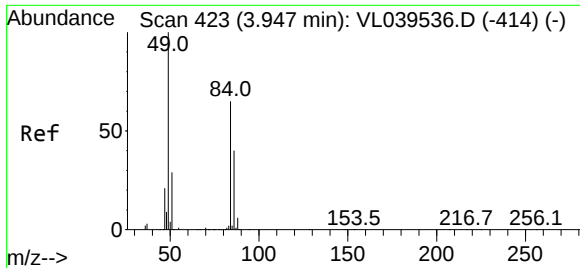
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#15
Acetone
Concen: 2.081 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.020 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

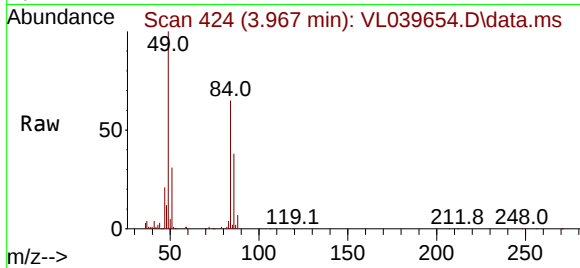
Tgt Ion: 43 Resp: 244401
Ion Ratio Lower Upper
43 100
58 29.3 21.0 31.6





#20
Methylene Chloride
Concen: 1.660 ppbv
RT: 3.967 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

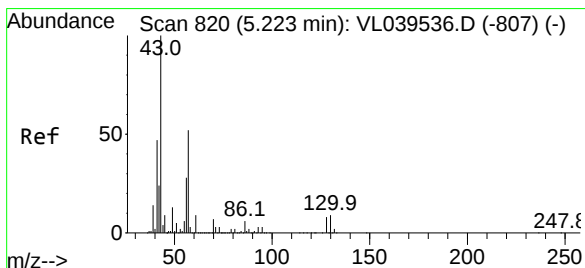
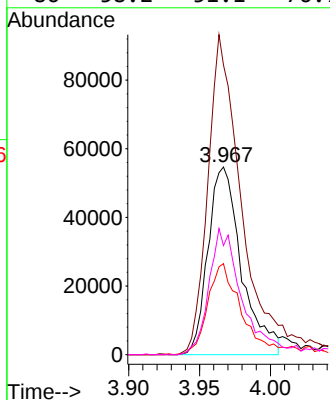
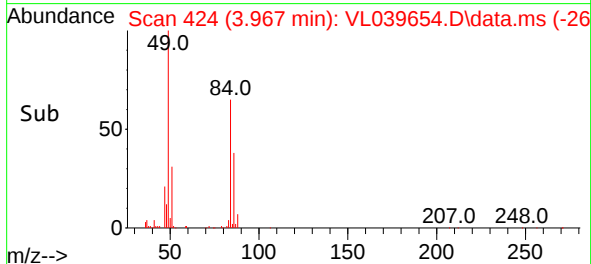
Instrument :
MSVOA_L
ClientSampleId :
C0PF9DL



Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.9	123.1	184.7
51	48.2	34.4	51.6
86	58.2	51.1	76.7

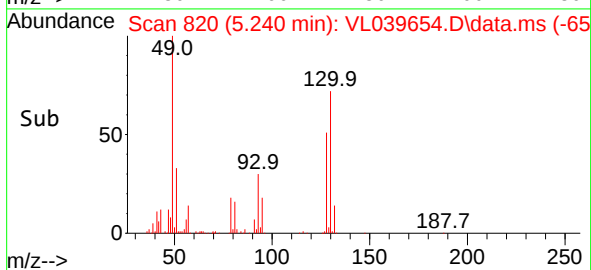
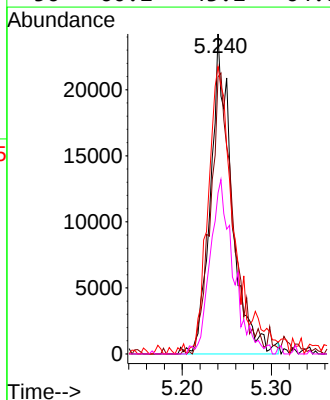
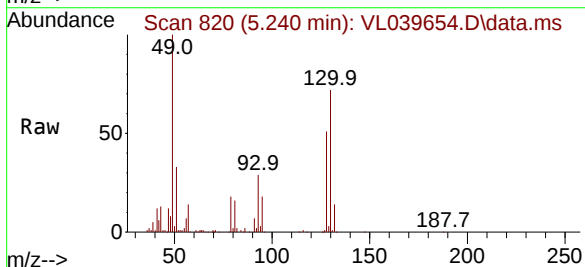
Manual Integrations
APPROVED

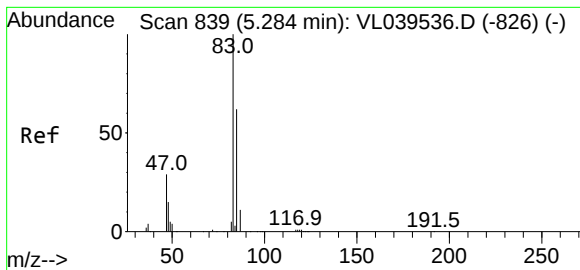
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#26
Hexane
Concen: 0.369 ppbv m
RT: 5.240 min Scan# 820
Delta R.T. 0.017 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

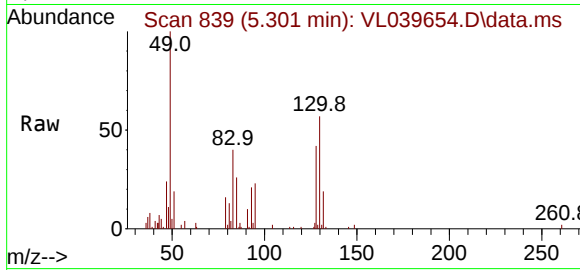
Tgt Ion	Ratio	Lower	Upper
57	100		
41	95.1	76.9	115.3
43	116.9	191.0	286.6#
56	60.2	43.2	64.8





#29
Chloroform
Concen: 0.074 ppbv m
RT: 5.301 min Scan# 839
Delta R.T. 0.017 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

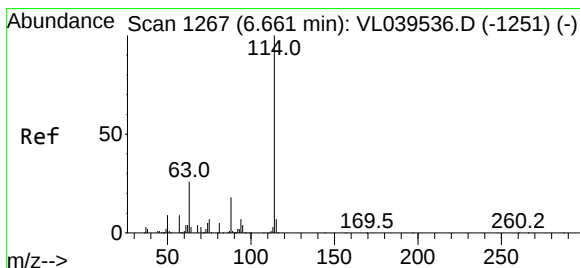
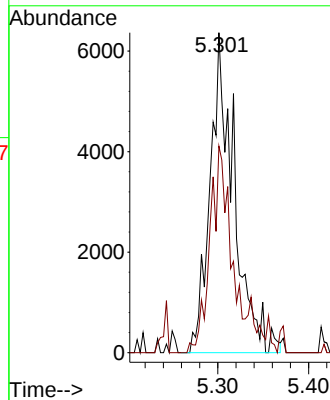
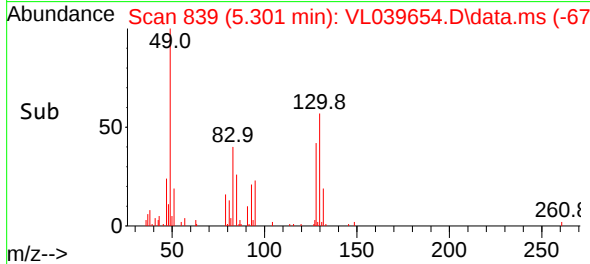
Instrument :
MSVOA_L
ClientSampleId :
C0PF9DL



Tgt Ion: 83 Resp: 11670
Ion Ratio Lower Upper
83 100
85 64.5 52.8 79.2

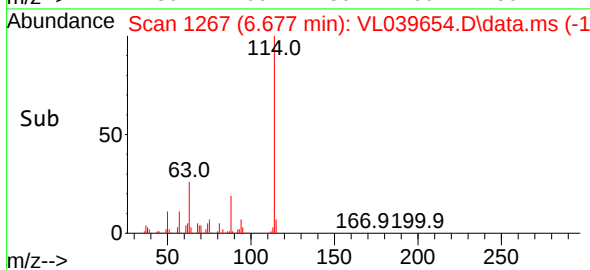
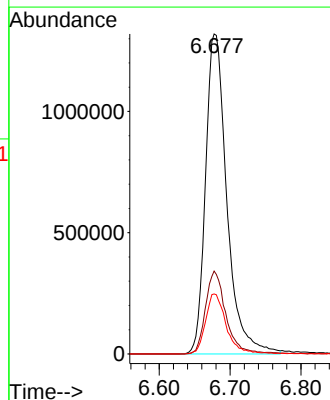
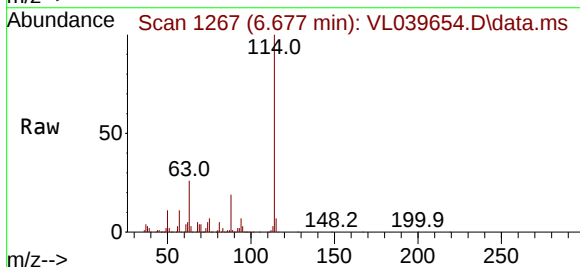
Manual Integrations
APPROVED

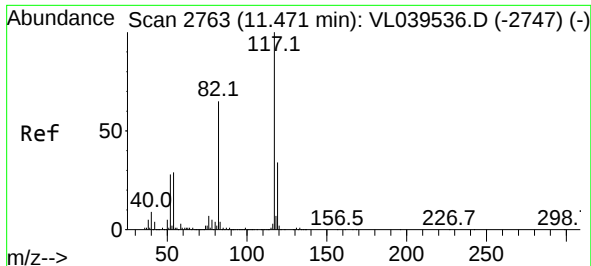
Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. 0.017 min
Lab File: VL039654.D
Acq: 22 Sep 2022 3:35

Tgt Ion:114 Resp: 2760202
Ion Ratio Lower Upper
114 100
63 24.9 20.2 30.4
88 18.5 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 21

Delta R.T. 0.017 min

Lab File: VL039654.D

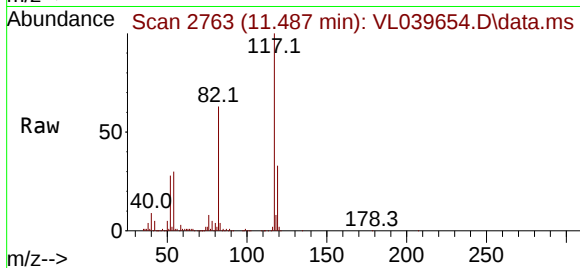
Acq: 22 Sep 2022 3:35

Instrument :

MSVOA_L

ClientSampleId :

C0PF9DL



Tgt Ion: 117 Resp: 2471344

Ion Ratio Lower Upper

117 100

82 65.7 50.8 76.2

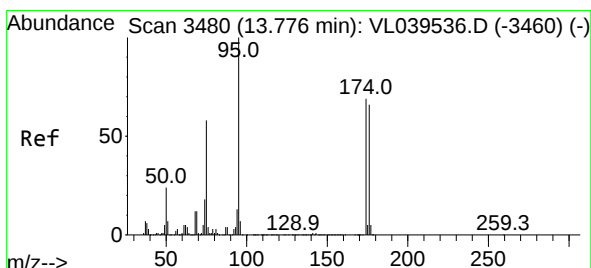
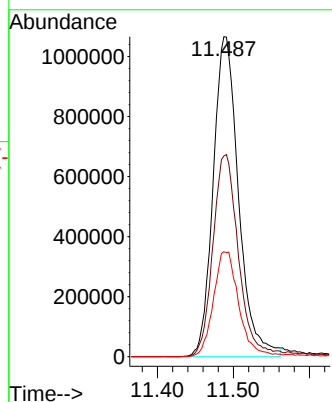
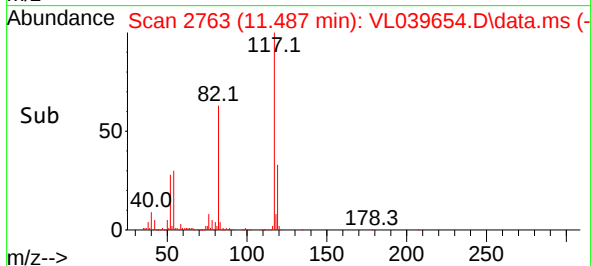
119 33.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022

Supervised By :Mahesh Dadoda 09/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.783 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.023 min

Lab File: VL039654.D

Acq: 22 Sep 2022 3:35

Tgt Ion: 95 Resp: 1804857

Ion Ratio Lower Upper

95 100

174 74.6 55.9 83.9

175 5.5 4.2 6.4

