

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039650.D
 Acq On : 22 Sep 2022 00:57
 Operator : SY/AP
 Sample : N4669-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF7DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 22 08:23:19 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 2022

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	5.214	49	1091031	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2798861	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	2521460	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1890536	10.044	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	7898	0.062	ppbv #	81
9) Propene	2.732	41	91016	1.539	ppbv #	67
13) Ethanol	3.266	45	372049	82.575	ppbv	71
15) Acetone	3.500	43	261812	2.157	ppbv	99
20) Methylene Chloride	3.963	84	80485	1.434	ppbv	96
29) Chloroform	5.298	83	30051	0.185	ppbv	97
53) Toluene	9.243	91	21407m	0.090	ppbv	

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

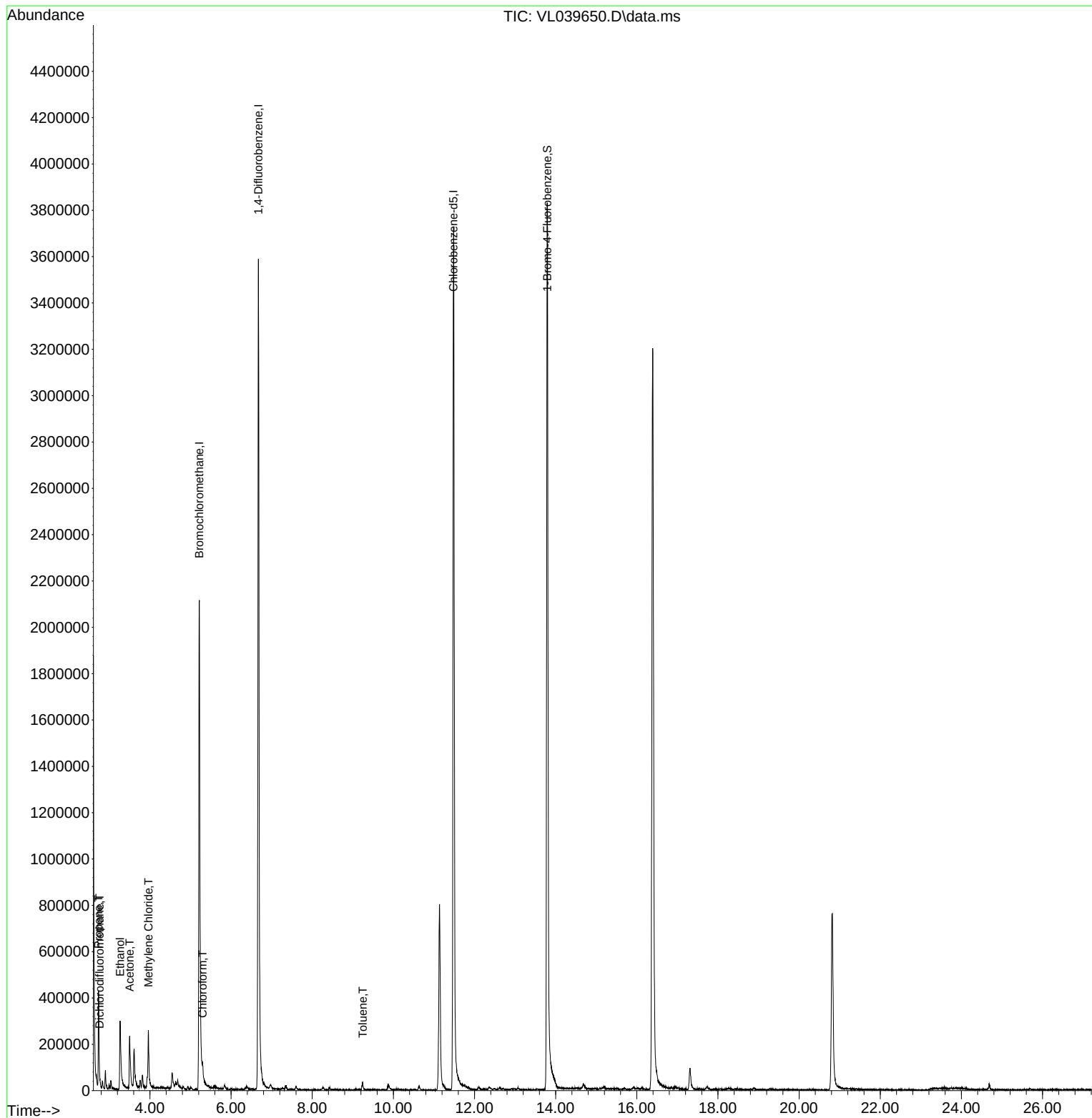
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
Data File : VL039650.D
Acq On : 22 Sep 2022 00:57
Operator : SY/AP
Sample : N4669-05DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

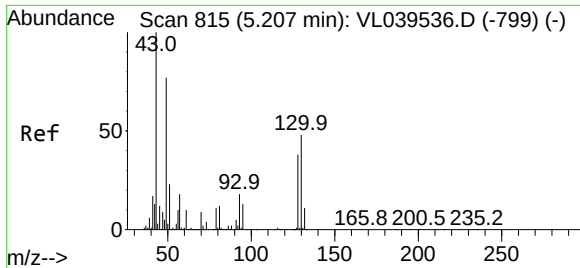
Instrument :
MSVOA_L
ClientSampleId :
C0PF7DL

Quant Time: Sep 22 08:23:19 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

Manual Integrations
APPROVED

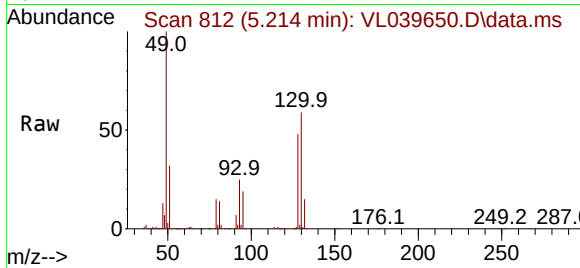
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039650.D
Acq: 22 Sep 2022 00:57

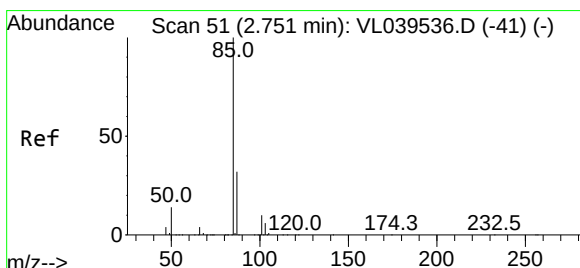
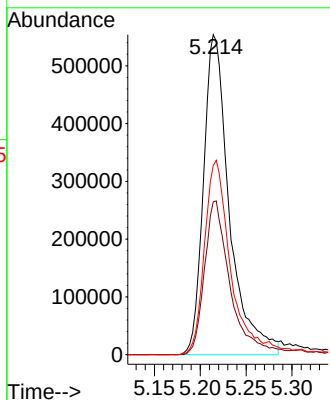
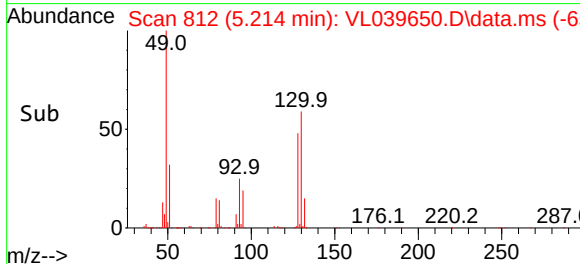
Instrument :
MSVOA_L
ClientSampleId :
C0PF7DL



Tgt Ion: 49 Resp: 109103
Ion Ratio Lower Upper
49 100
128 49.9 26.7 80.0
130 63.8 34.3 102.8

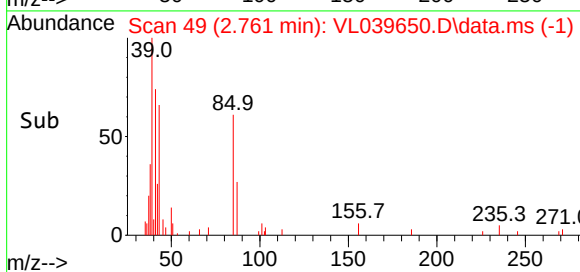
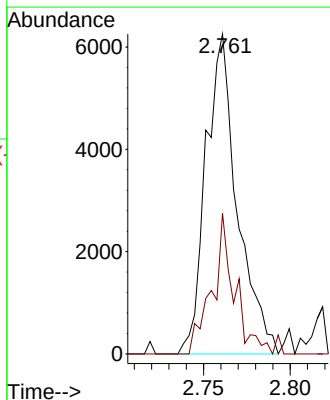
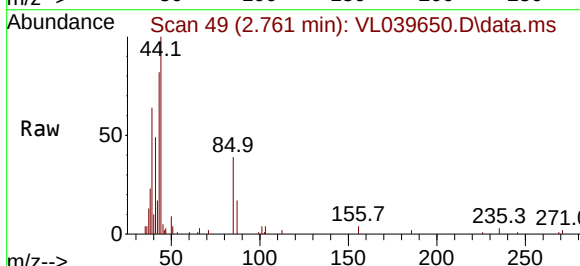
Manual Integrations
APPROVED

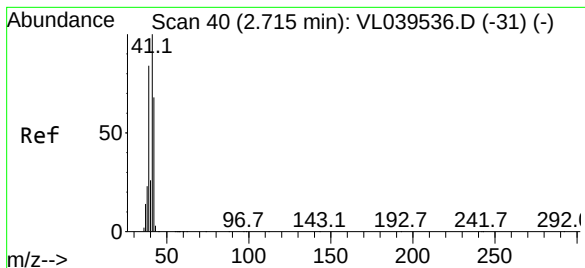
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 0.062 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.010 min
Lab File: VL039650.D
Acq: 22 Sep 2022 00:57

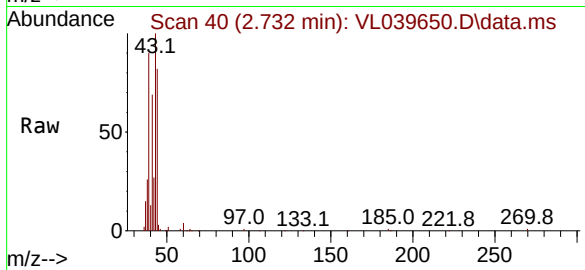
Tgt Ion: 85 Resp: 7898
Ion Ratio Lower Upper
85 100
87 44.0 26.7 40.1#





#9
 Propene
 Concen: 1.539 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.017 min
 Lab File: VL039650.D
 Acq: 22 Sep 2022 00:57

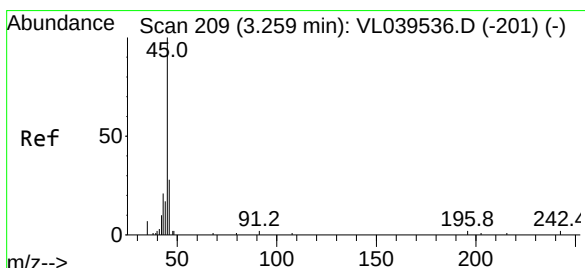
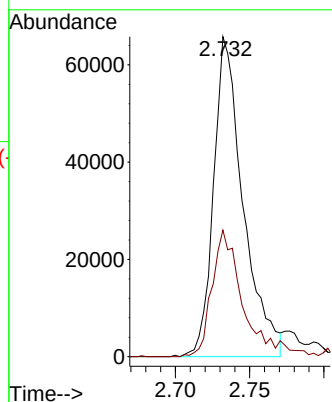
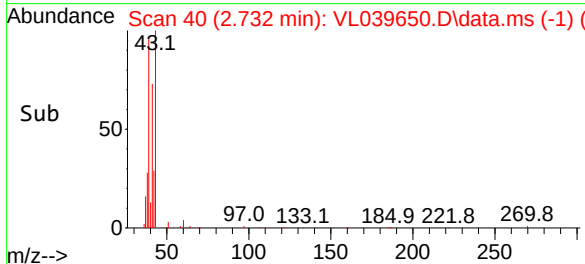
Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF7DL



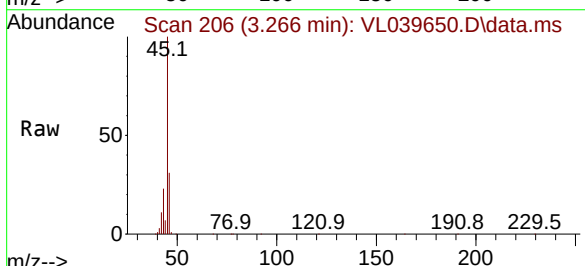
Tgt Ion: 41 Resp: 91010
 Ion Ratio Lower Upper
 41 100
 42 41.9 55.2 82.8

Manual Integrations
 APPROVED

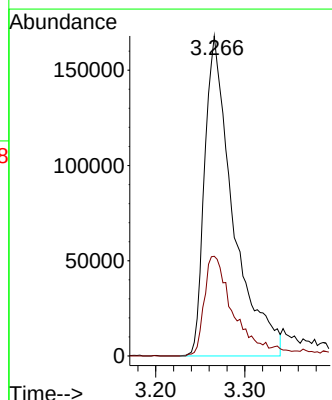
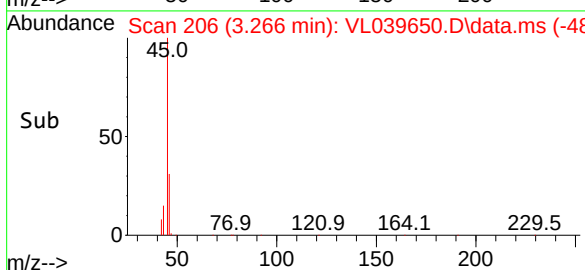
Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

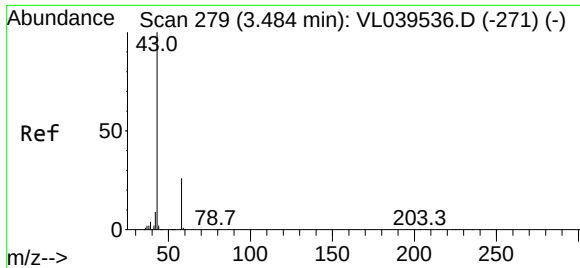


#13
 Ethanol
 Concen: 82.575 ppbv
 RT: 3.266 min Scan# 206
 Delta R.T. 0.007 min
 Lab File: VL039650.D
 Acq: 22 Sep 2022 00:57



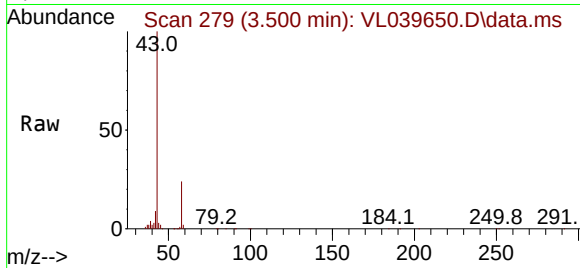
Tgt Ion: 45 Resp: 372049
 Ion Ratio Lower Upper
 45 100
 46 35.7 22.8 91.2





#15
Acetone
Concen: 2.157 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.017 min
Lab File: VL039650.D
Acq: 22 Sep 2022 00:57

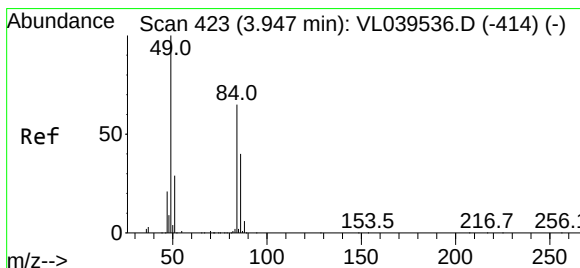
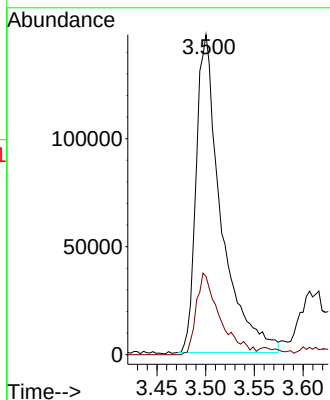
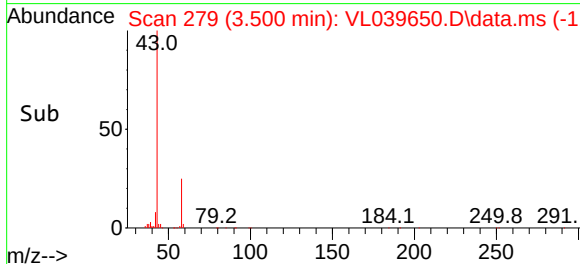
Instrument :
MSVOA_L
ClientSampleId :
C0PF7DL



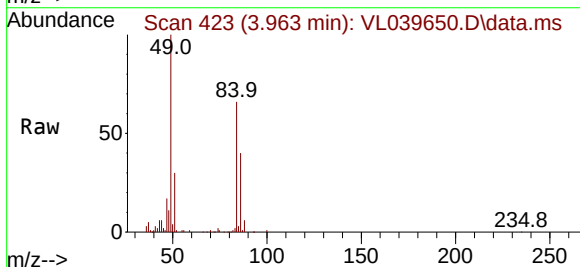
Tgt Ion: 43 Resp: 261812
Ion Ratio Lower Upper
43 100
58 25.9 21.0 31.6

Manual Integrations
APPROVED

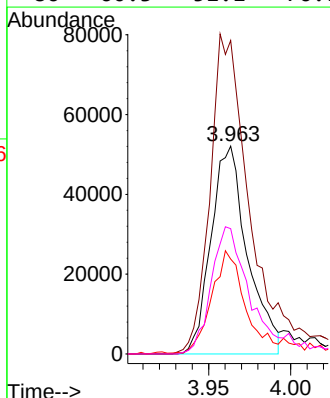
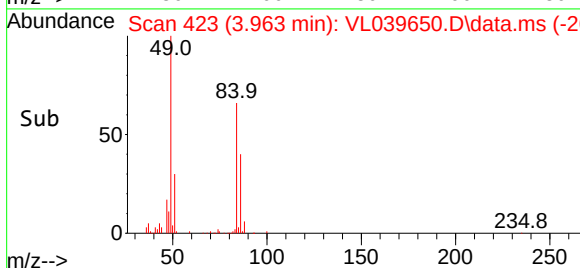
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

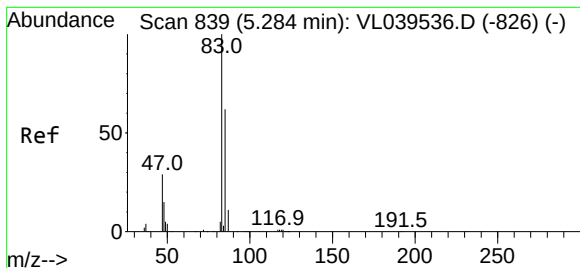


#20
Methylene Chloride
Concen: 1.434 ppbv
RT: 3.963 min Scan# 423
Delta R.T. 0.017 min
Lab File: VL039650.D
Acq: 22 Sep 2022 00:57



Tgt Ion: 84 Resp: 80485
Ion Ratio Lower Upper
84 100
49 149.8 123.1 184.7
51 45.0 34.4 51.6
86 60.3 51.1 76.7





#29

Chloroform

Concen: 0.185 ppbv

RT: 5.298 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL039650.D

Acq: 22 Sep 2022 00:57

Instrument :

MSVOA_L

ClientSampleId :

C0PF7DL

Tgt Ion: 83 Resp: 3005

Ion Ratio Lower Upper

83 100

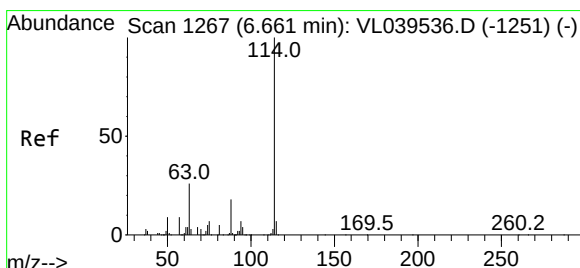
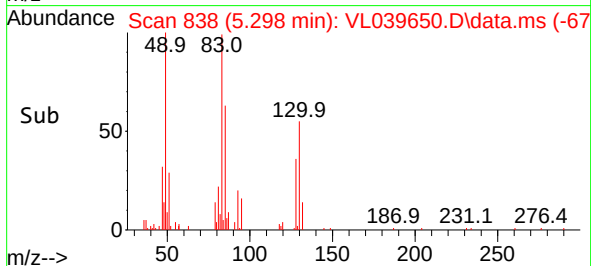
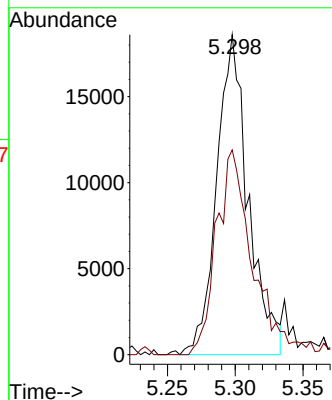
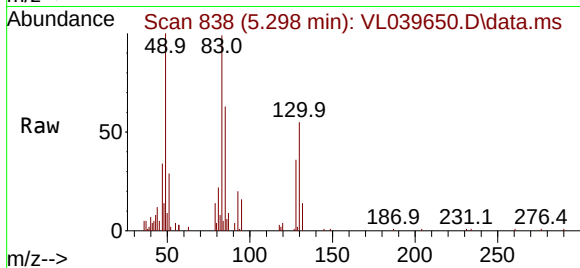
85 64.0 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 1266

Delta R.T. 0.013 min

Lab File: VL039650.D

Acq: 22 Sep 2022 00:57

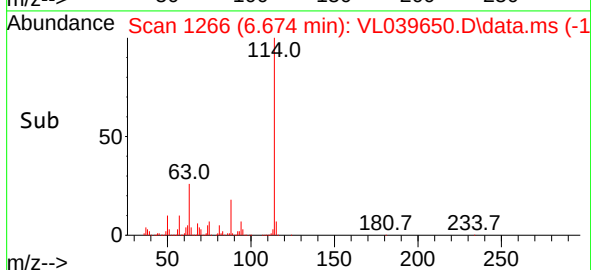
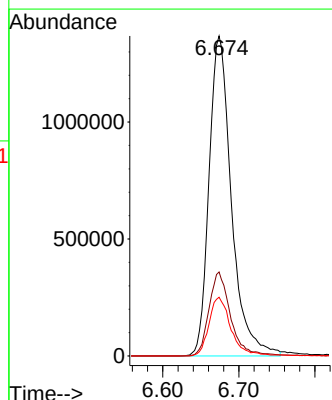
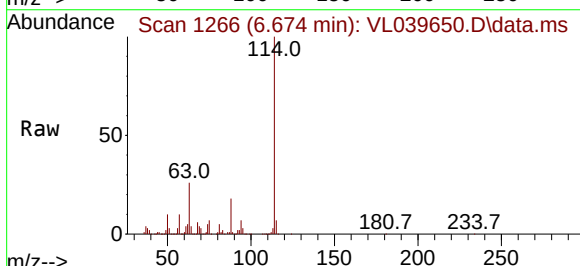
Tgt Ion:114 Resp: 2798861

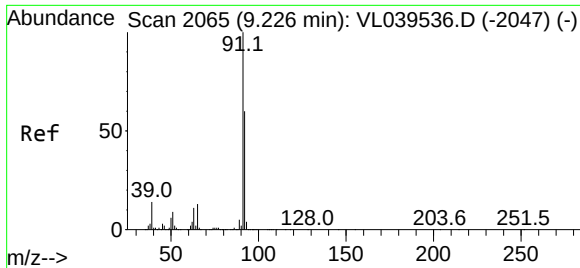
Ion Ratio Lower Upper

114 100

63 25.7 20.2 30.4

88 18.2 14.5 21.7





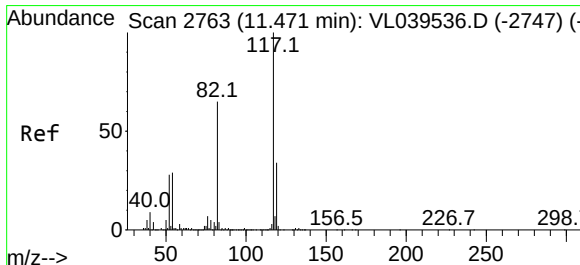
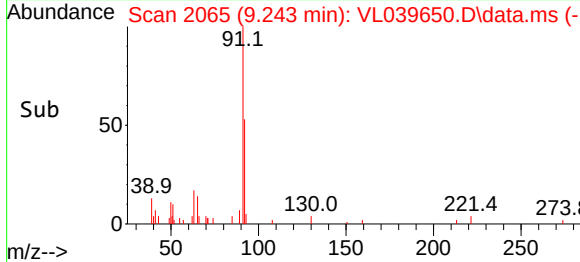
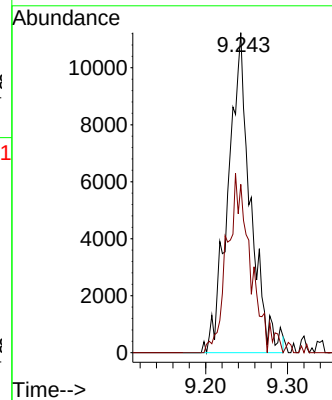
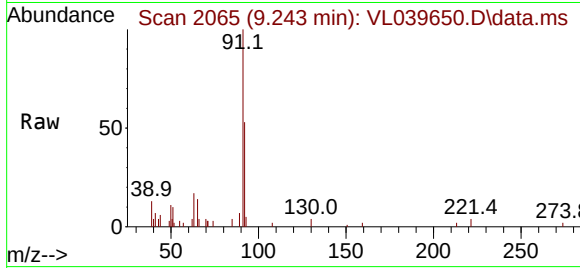
#53
Toluene
Concen: 0.090 ppbv m
RT: 9.243 min Scan# 2065
Delta R.T. 0.017 min
Lab File: VL039650.D
Acq: 22 Sep 2022 00:57

Instrument :
MSVOA_L
ClientSampleId :
C0PF7DL

Tgt Ion: 91 Resp: 2140
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.2

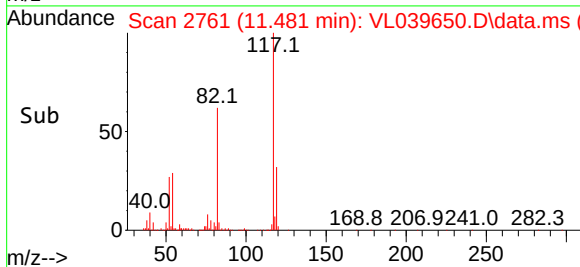
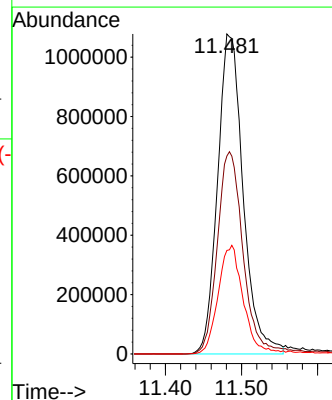
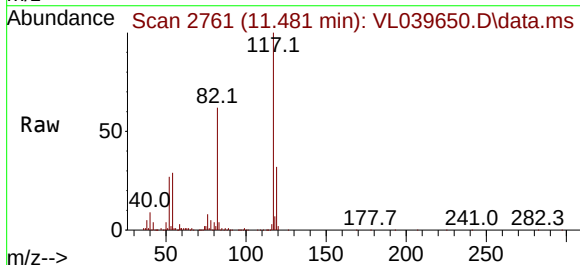
Manual Integrations
APPROVED

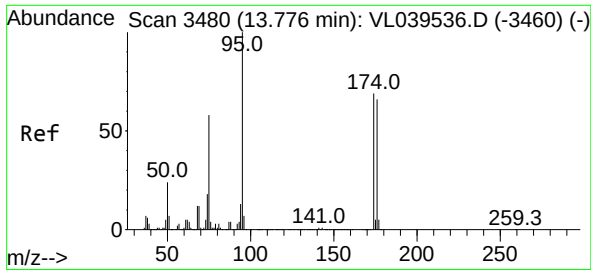
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.010 min
Lab File: VL039650.D
Acq: 22 Sep 2022 00:57

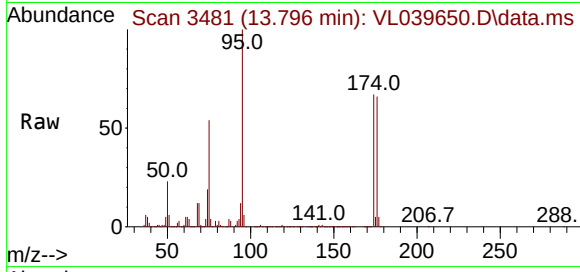
Tgt Ion:117 Resp: 2521460
Ion Ratio Lower Upper
117 100
82 65.0 50.8 76.2
119 34.1 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.044 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.020 min
 Lab File: VL039650.D
 Acq: 22 Sep 2022 00:57

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF7DL



Tgt Ion: 95 Resp: 1890530
 Ion Ratio Lower Upper
 95 100
 174 72.4 55.9 83.9
 175 5.6 4.2 6.4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

