

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039646.D
 Acq On : 21 Sep 2022 22:18
 Operator : SY/AP
 Sample : N4669-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF5DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 08:20:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.214	49	1120631	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2897298	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2658147	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1951770	9.836	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
3) Chlorodifluoromethane	2.681	51	1418399	10.666	ppbv #	57
13) Ethanol	3.263	45	415335	89.747	ppbv	68
15) Acetone	3.500	43	170918	1.371	ppbv	93
20) Methylene Chloride	3.957	84	65144	1.130	ppbv	88
53) Toluene	9.233	91	17123m	0.070	ppbv	
76) 1,4-Dichlorobenzene	16.494	146	135425m	0.744	ppbv	

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

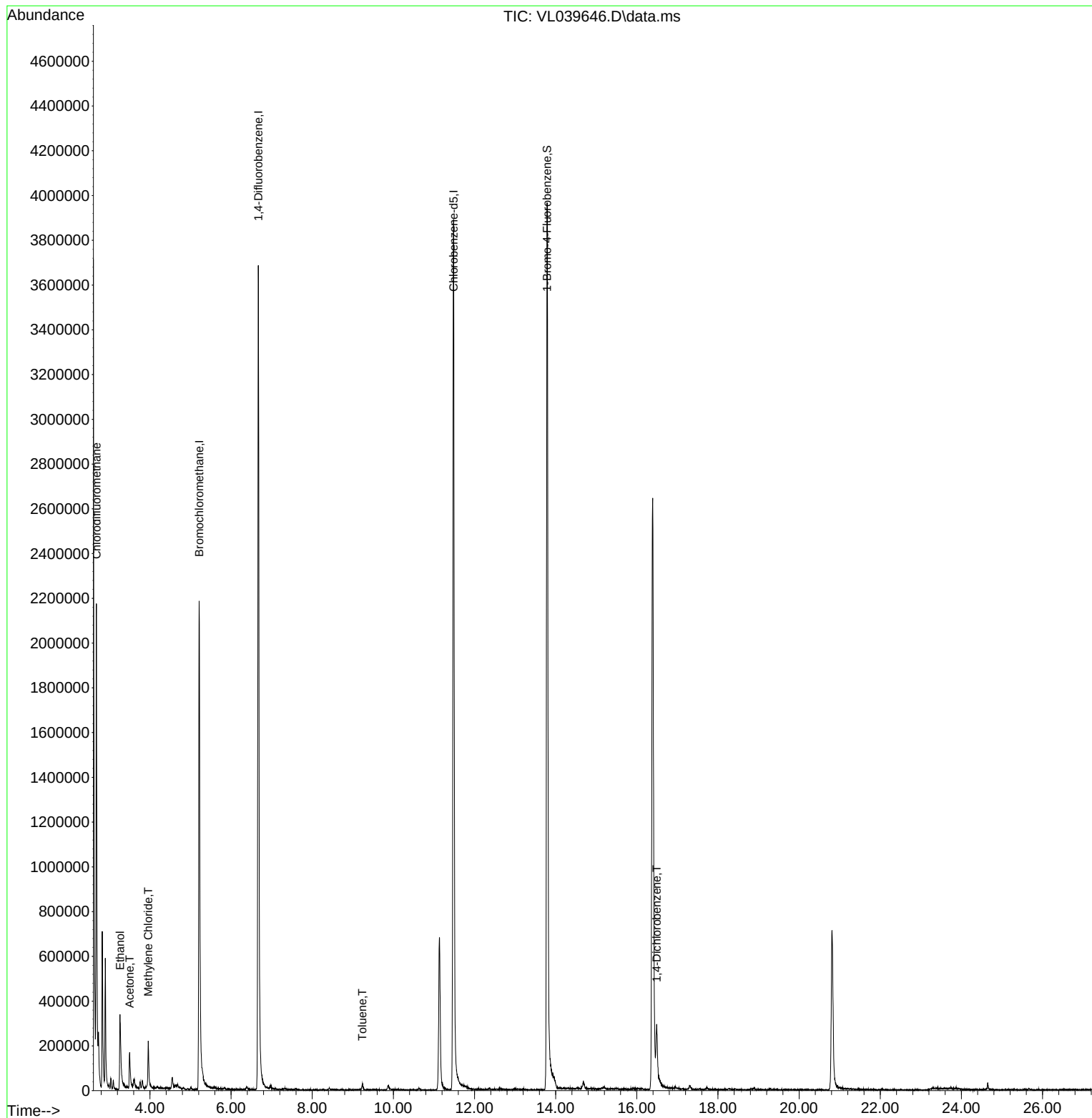
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
Data File : VL039646.D
Acq On : 21 Sep 2022 22:18
Operator : SY/AP
Sample : N4669-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

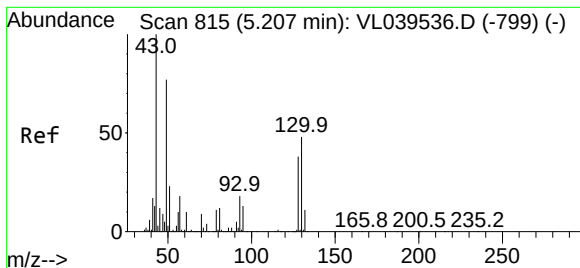
Instrument :
MSVOA_L
ClientSampleId :
C0PF5DL

Quant Time: Sep 22 08:20:59 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

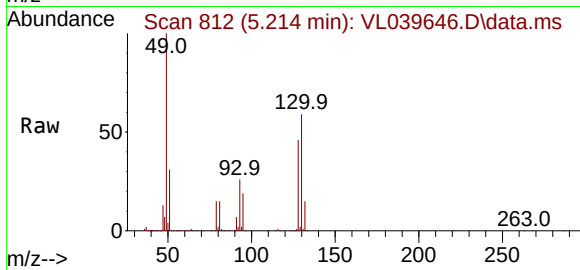
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

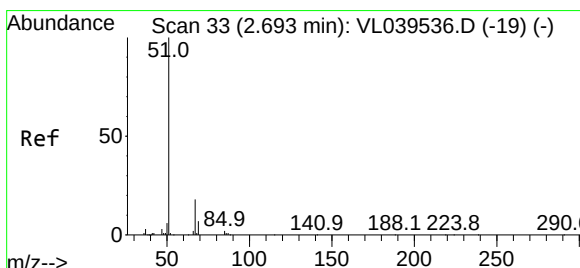
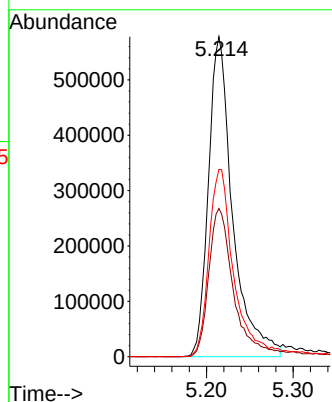
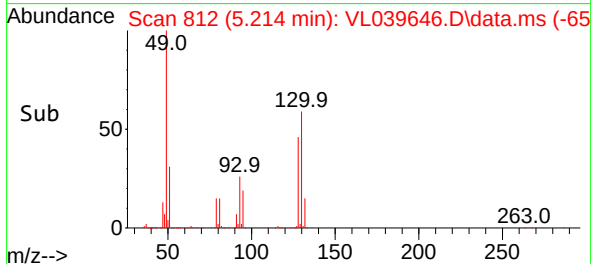
Instrument :
MSVOA_L
ClientSampleId :
C0PF5DL



Tgt Ion: 49 Resp: 112063
Ion Ratio Lower Upper
49 100
128 49.3 26.7 80.0
130 62.8 34.3 102.8

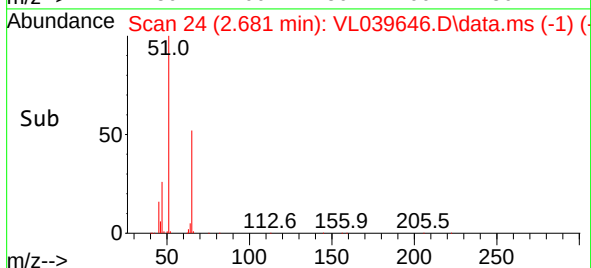
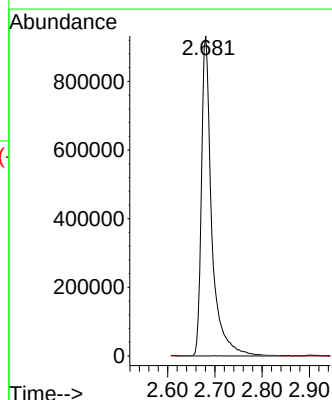
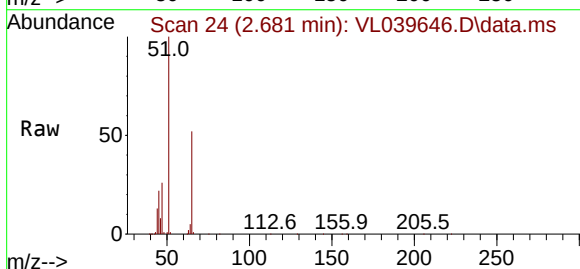
Manual Integrations
APPROVED

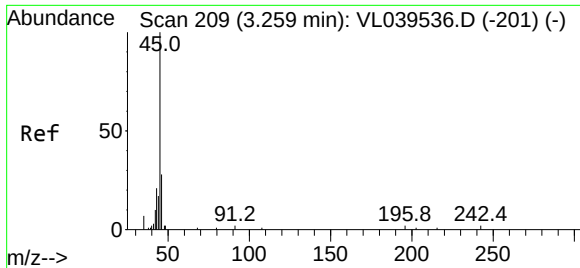
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#3
Chlorodifluoromethane
Concen: 10.666 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.012 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

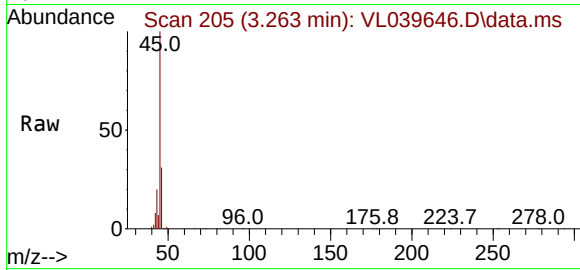
Tgt Ion: 51 Resp: 1418399
Ion Ratio Lower Upper
51 100
67 0.1 15.7 23.5





#13
Ethanol
Concen: 89.747 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.004 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

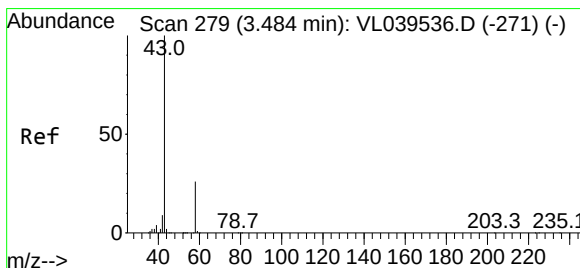
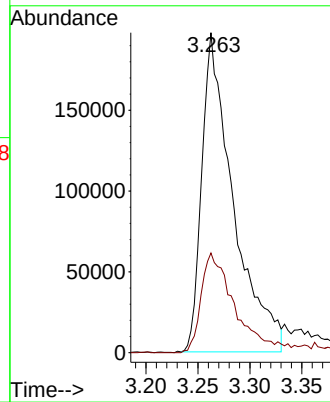
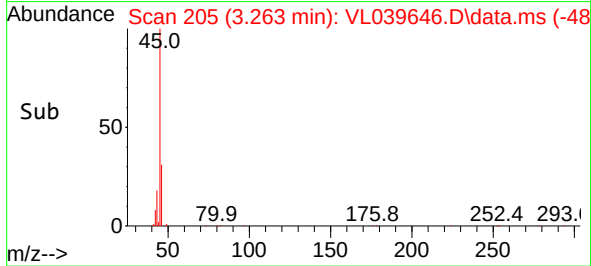
Instrument :
MSVOA_L
ClientSampleId :
C0PF5DL



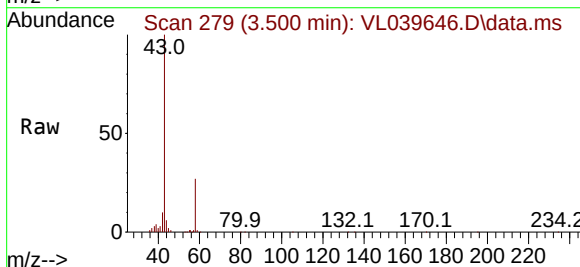
Tgt Ion: 45 Resp: 41533
Ion Ratio Lower Upper
45 100
46 33.3 22.8 91.2

Manual Integrations
APPROVED

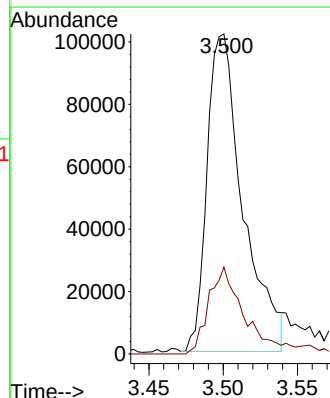
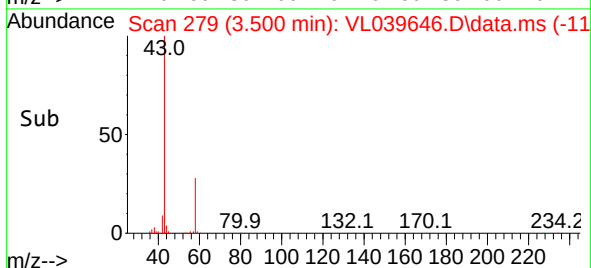
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

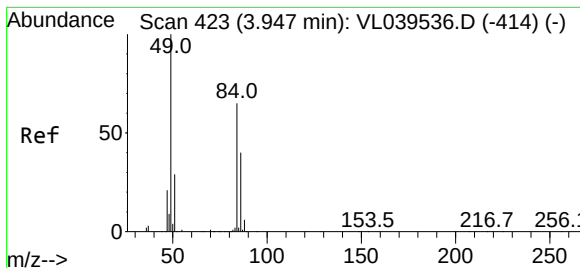


#15
Acetone
Concen: 1.371 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.017 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18



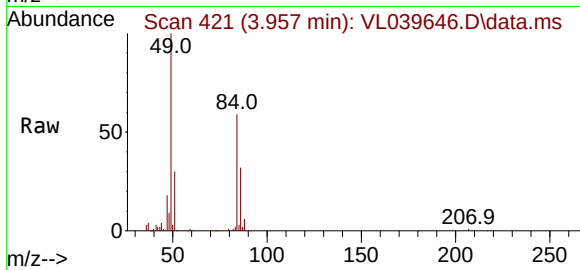
Tgt Ion: 43 Resp: 170918
Ion Ratio Lower Upper
43 100
58 29.8 21.0 31.6





#20
Methylene Chloride
Concen: 1.130 ppbv
RT: 3.957 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

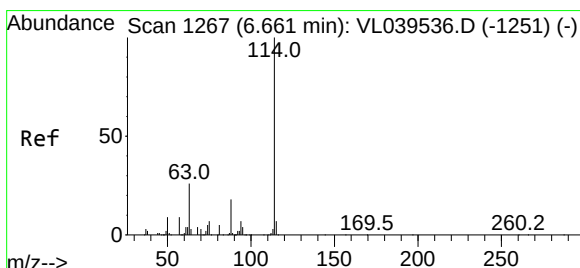
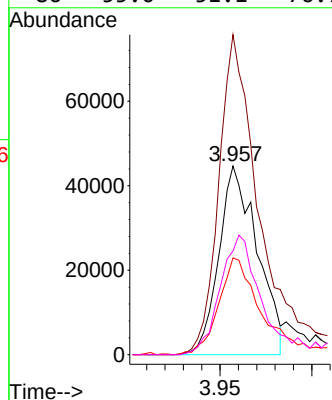
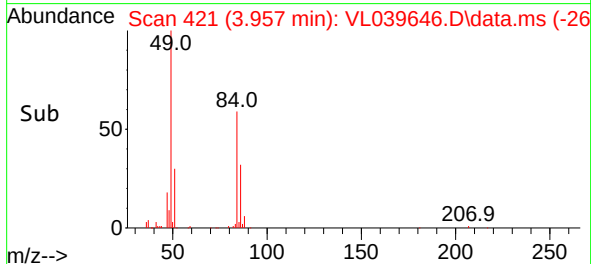
Instrument :
MSVOA_L
ClientSampleId :
C0PF5DL



Tgt Ion: 84 Resp: 65144
Ion Ratio Lower Upper
84 100
49 169.2 123.1 184.7
51 51.0 34.4 51.6
86 55.0 51.1 76.7

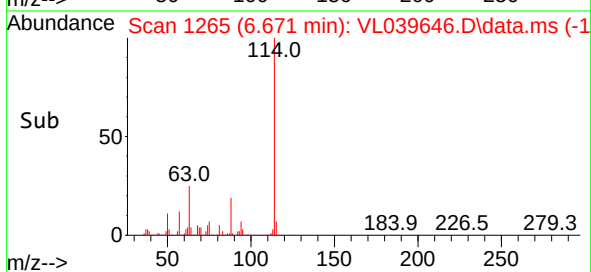
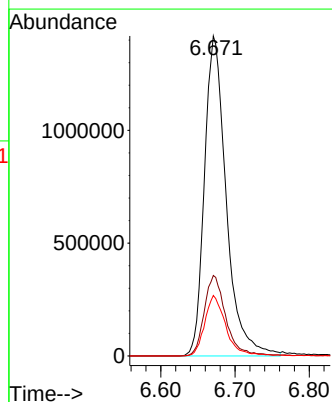
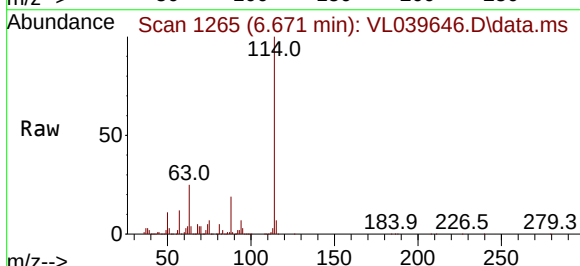
Manual Integrations
APPROVED

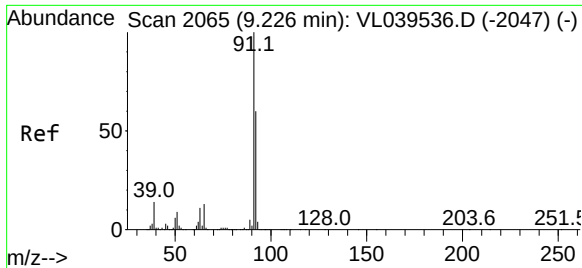
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

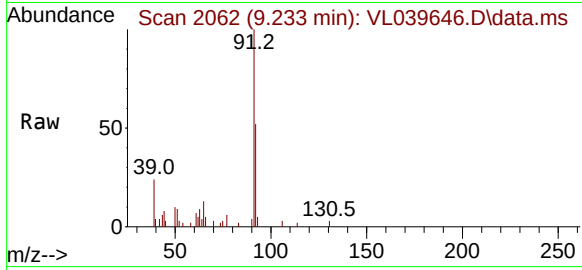
Tgt Ion:114 Resp: 2897298
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.4 14.5 21.7





#53
Toluene
Concen: 0.070 ppbv m
RT: 9.233 min Scan# 2062
Delta R.T. 0.007 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

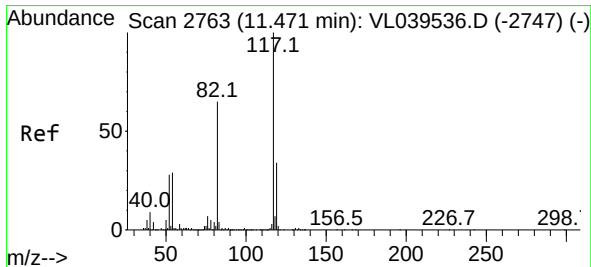
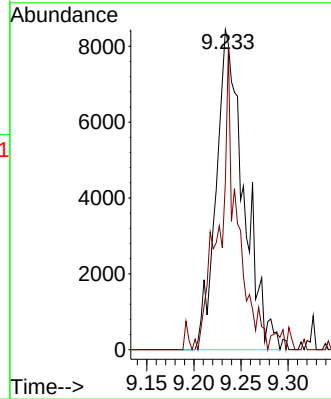
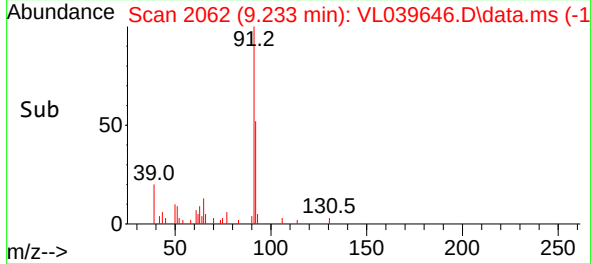
Instrument :
MSVOA_L
ClientSampleId :
COPF5DL



Tgt Ion: 91 Resp: 1712
Ion Ratio Lower Upper
91 100
92 64.4 48.2 72.2

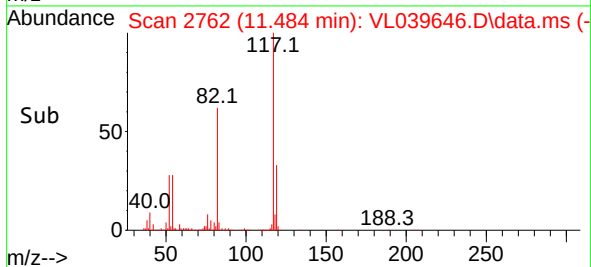
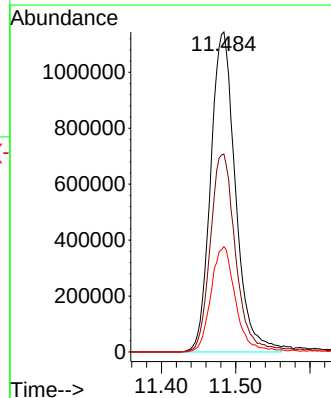
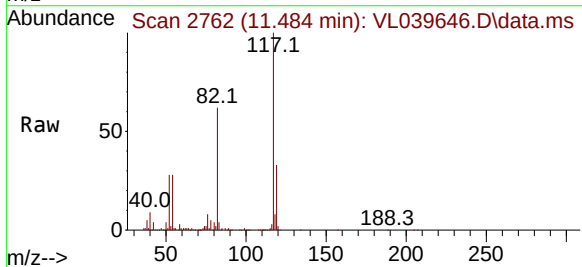
Manual Integrations
APPROVED

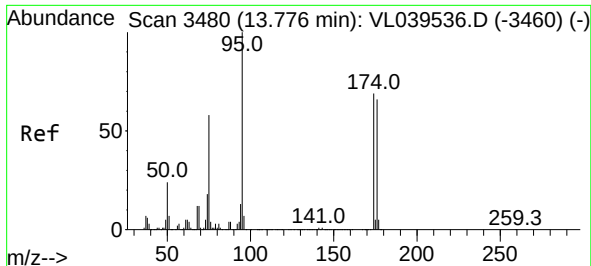
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.013 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

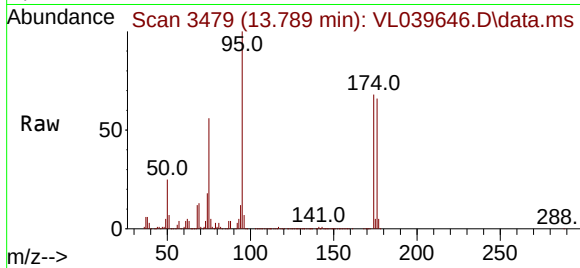
Tgt Ion:117 Resp: 2658147
Ion Ratio Lower Upper
117 100
82 64.3 50.8 76.2
119 32.8 24.1 36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.836 ppbv
RT: 13.789 min Scan# 3480
Delta R.T. 0.013 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18

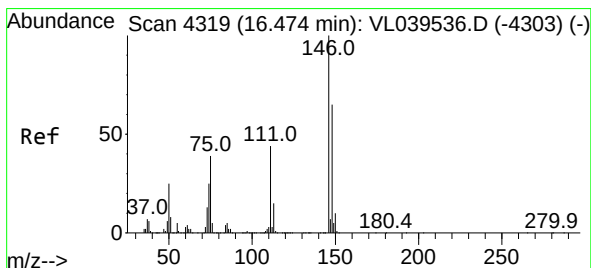
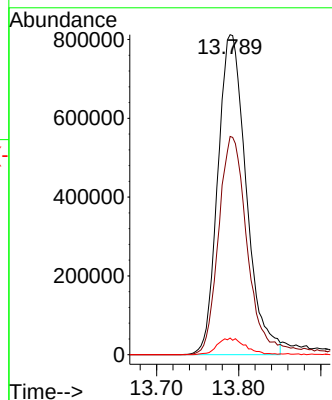
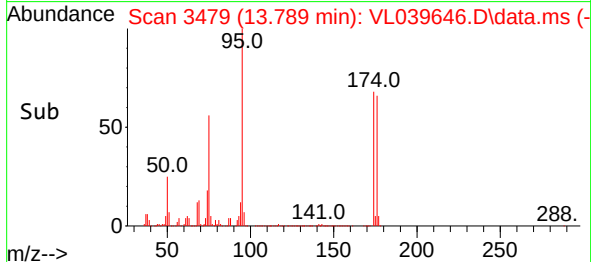
Instrument :
MSVOA_L
ClientSampleId :
C0PF5DL



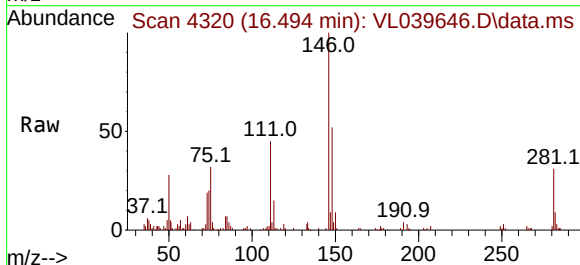
Tgt Ion: 95 Resp: 1951770
Ion Ratio Lower Upper
95 100
174 70.7 55.9 83.9
175 5.1 4.2 6.4

Manual Integrations
APPROVED

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



#76
1,4-Dichlorobenzene
Concen: 0.744 ppbv m
RT: 16.494 min Scan# 4320
Delta R.T. 0.020 min
Lab File: VL039646.D
Acq: 21 Sep 2022 22:18



Tgt Ion:146 Resp: 135425
Ion Ratio Lower Upper
146 100
111 44.3 22.9 68.8
148 66.2 33.6 100.8

