

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039653.D
 Acq On : 22 Sep 2022 2:56
 Operator : SY/AP
 Sample : N4669-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF9

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 08:25:29 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	5.217	49	1025549	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.680	114	2555484	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.491	117	2357752	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1786567	10.151	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	76920	0.647	ppbv	97
4) Chloromethane	2.848	50	32017	0.436	ppbv	96
11) Trichlorofluoromethane	3.597	101	893249	6.067	ppbv	99
13) Ethanol	3.279	45	4277216	1009.929	ppbv	72
15) Acetone	3.497	43	2865360	25.109	ppbv	99
20) Methylene Chloride	3.963	84	792435	15.019	ppbv	95
26) Hexane	5.243	57	353156	3.344	ppbv #	59
29) Chloroform	5.301	83	105853	0.694	ppbv	95
34) 2-Butanone	4.819	43	245102	1.953	ppbv	98
35) Carbon Tetrachloride	6.520	117	13436m	0.099	ppbv	
36) Benzene	6.394	78	31134	0.159	ppbv #	90
41) Tetrahydrofuran	5.590	42	95677	1.242	ppbv	95
53) Toluene	9.243	91	245747	1.131	ppbv	98

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

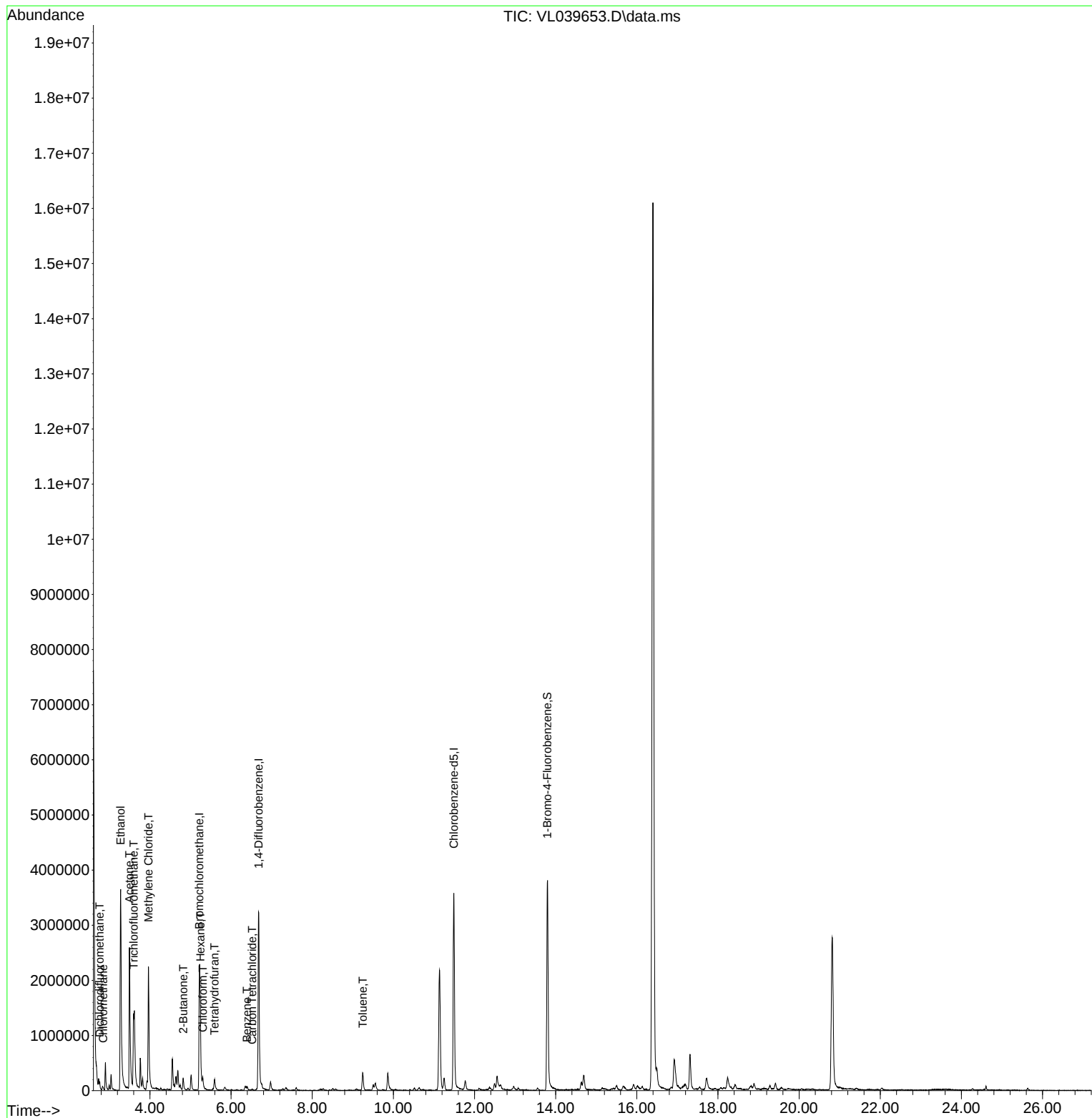
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
Data File : VL039653.D
Acq On : 22 Sep 2022 2:56
Operator : SY/AP
Sample : N4669-07
Misc : 400mL/MSVOA_L
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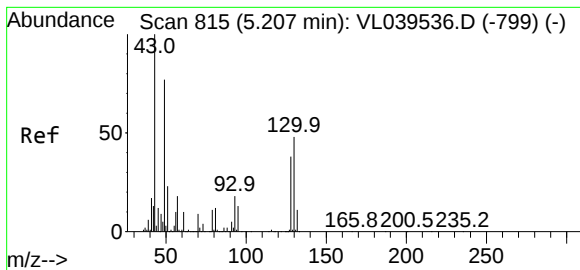
Instrument :
MSVOA_L
ClientSampleId :
C0PF9

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

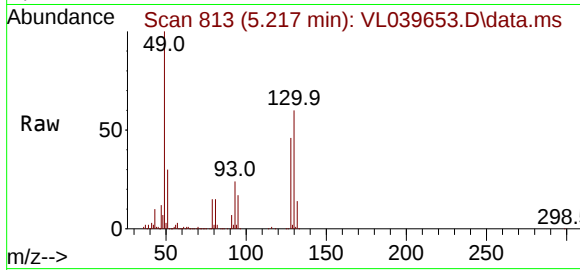
Quant Time: Sep 22 08:25:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

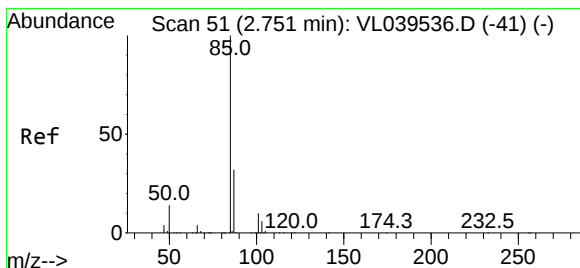
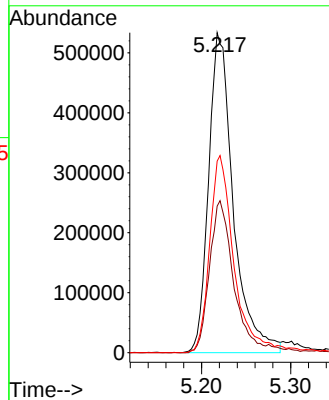
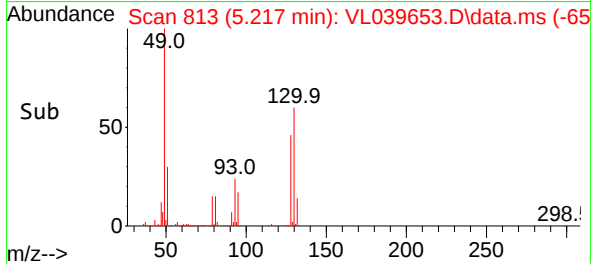
Instrument :
MSVOA_L
ClientSampleId :
COPF9



Tgt Ion: 49 Resp: 1025549
Ion Ratio Lower Upper
49 100
128 48.1 26.7 80.0
130 62.9 34.3 102.8

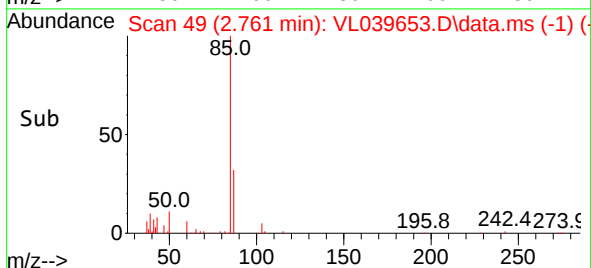
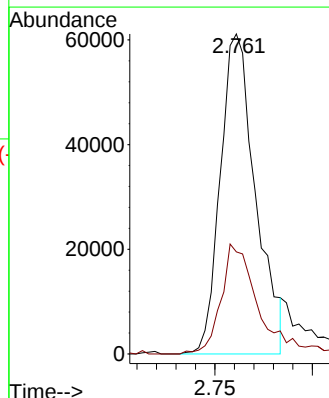
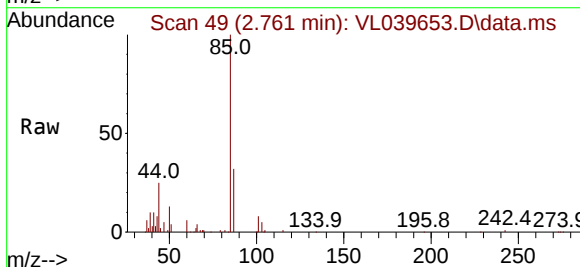
Manual Integrations
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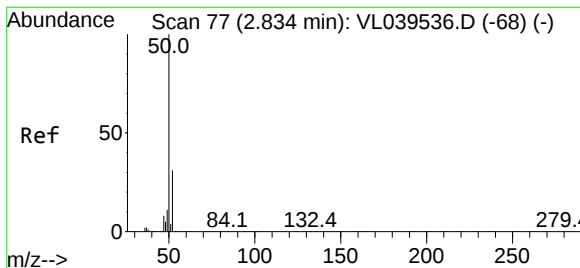
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 0.647 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.010 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

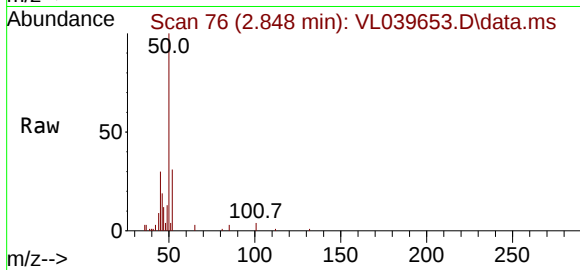
Tgt Ion: 85 Resp: 76920
Ion Ratio Lower Upper
85 100
87 31.9 26.7 40.1





#4
Chloromethane
Concen: 0.436 ppbv
RT: 2.848 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

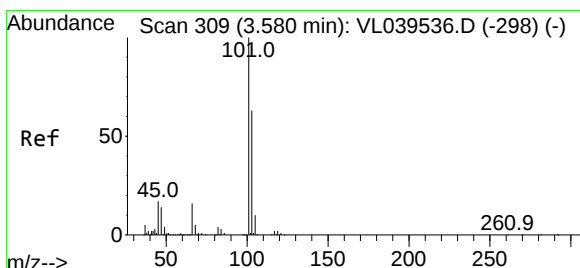
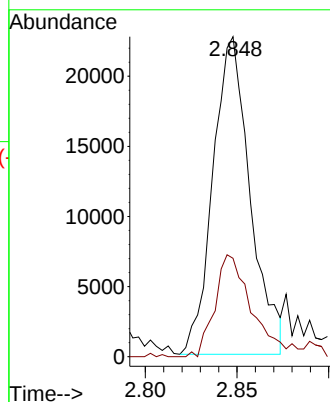
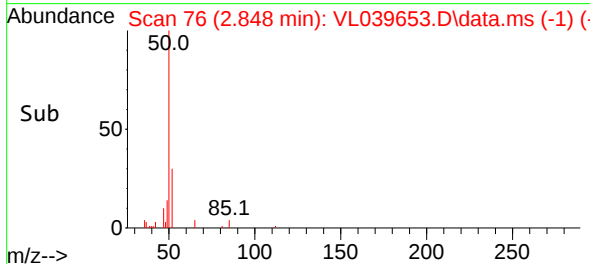
Instrument :
MSVOA_L
ClientSampleId :
C0PF9



Tgt Ion: 50 Resp: 3201
Ion Ratio Lower Upper
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52 31.0 26.5 39.7

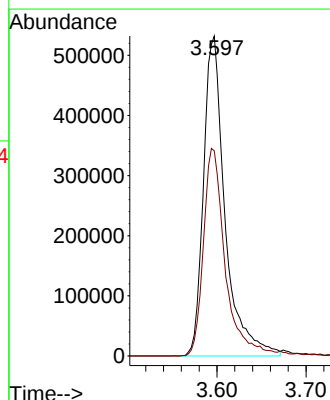
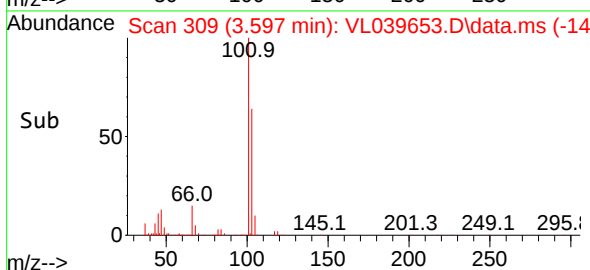
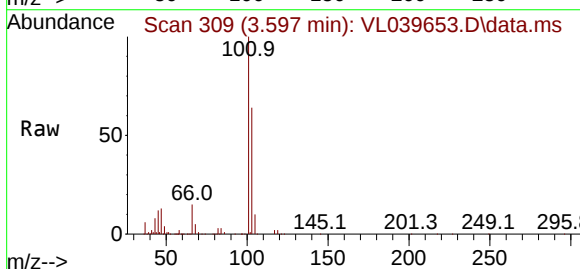
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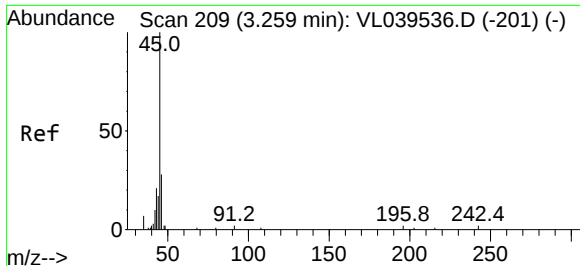
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#11
Trichlorofluoromethane
Concen: 6.067 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.017 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

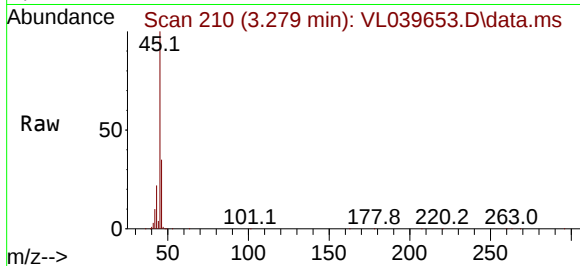
Tgt Ion:101 Resp: 893249
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8





#13
Ethanol
Concen: 1009.929 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.020 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

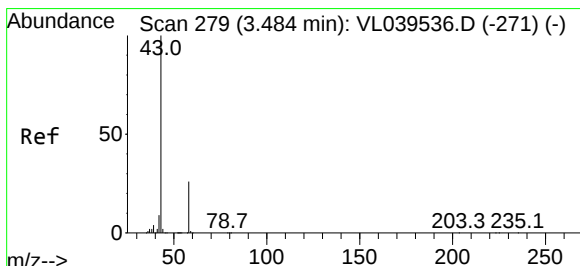
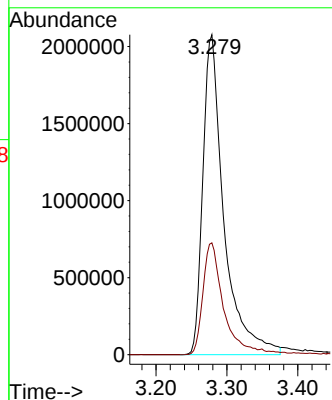
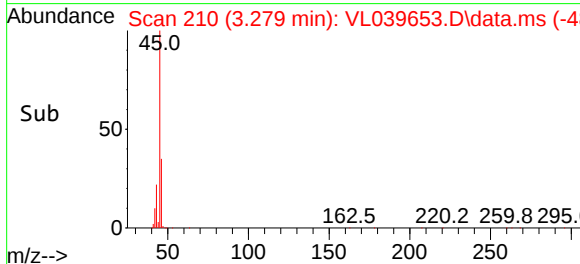
Instrument :
MSVOA_L
ClientSampleId :
COPF9



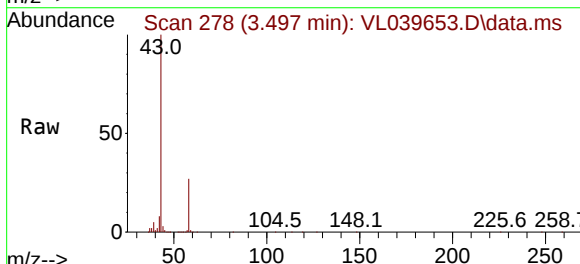
Tgt Ion: 45 Resp: 4277210
Ion Ratio Lower Upper
45 100
46 36.1 22.8 91.2

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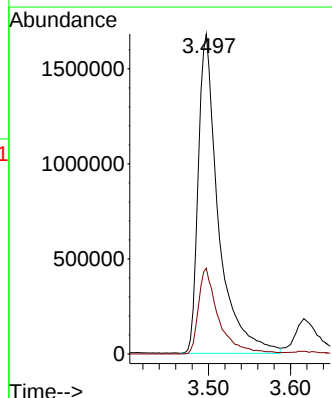
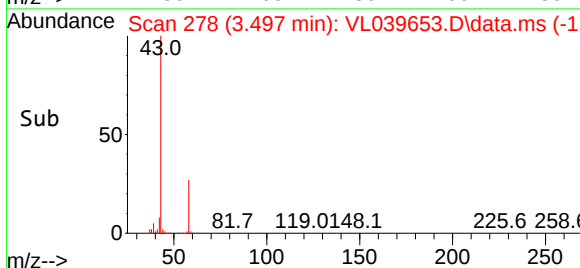
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

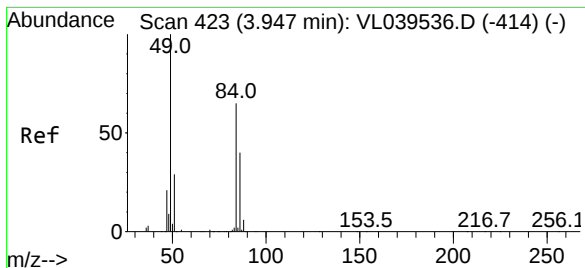


#15
Acetone
Concen: 25.109 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.013 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56



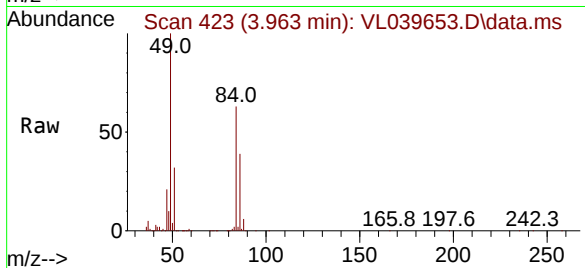
Tgt Ion: 43 Resp: 2865360
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6





#20
Methylene Chloride
Concen: 15.019 ppbv
RT: 3.963 min Scan# 41
Delta R.T. 0.017 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

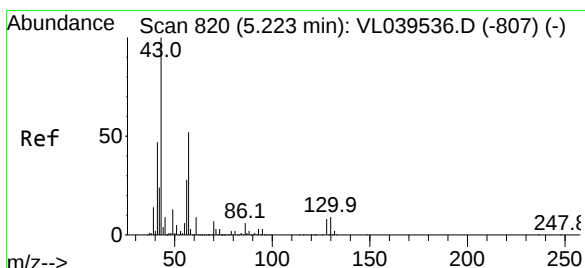
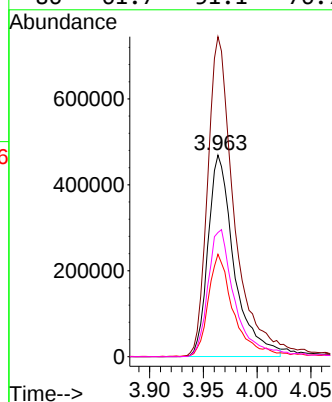
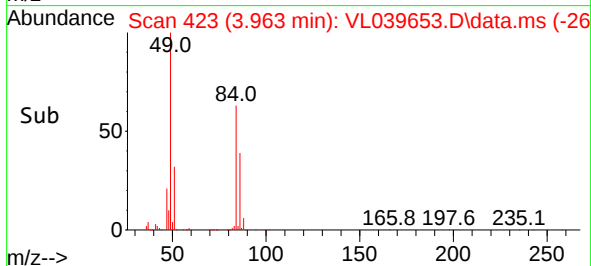
Instrument :
MSVOA_L
ClientSampleId :
COPF9



Tgt Ion: 84 Resp: 792435
Ion Ratio Lower Upper
84 100
49 158.8 123.1 184.7
51 50.6 34.4 51.6
86 61.7 51.1 76.7

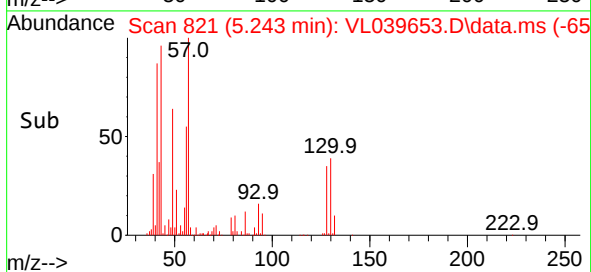
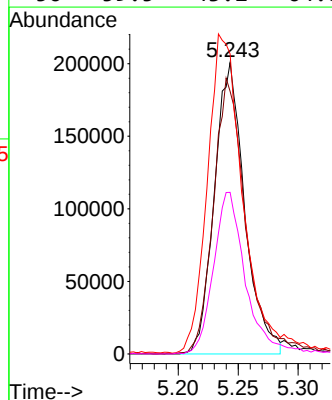
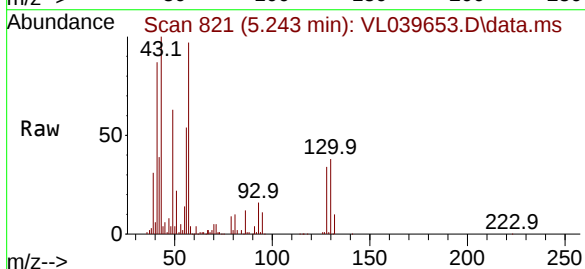
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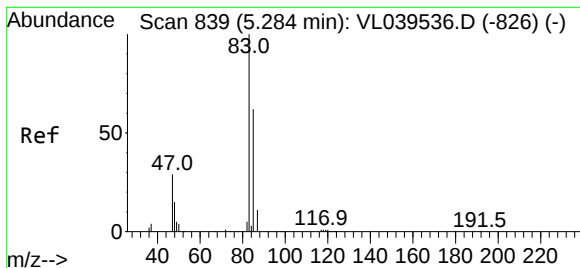
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#26
Hexane
Concen: 3.344 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.020 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

Tgt Ion: 57 Resp: 353156
Ion Ratio Lower Upper
57 100
41 102.1 76.9 115.3
43 131.6 191.0 286.6#
56 59.5 43.2 64.8





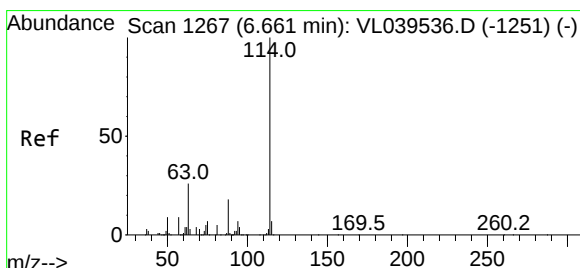
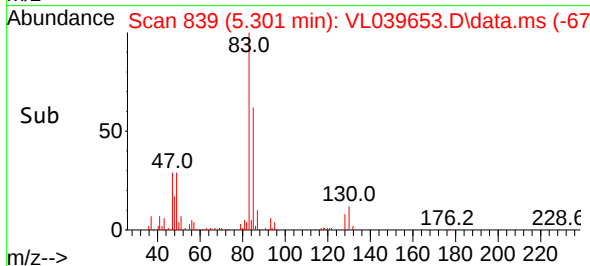
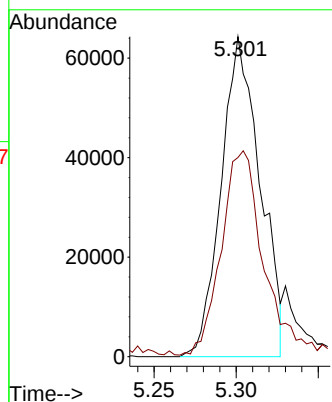
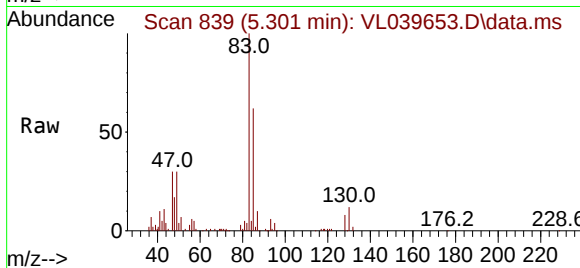
#29
Chloroform
Concen: 0.694 ppbv
RT: 5.301 min Scan# 81
Delta R.T. 0.017 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

Instrument :
MSVOA_L
ClientSampleId :
COPF9

Tgt Ion: 83 Resp: 10585
Ion Ratio Lower Upper
83 100
85 61.7 52.8 79.2

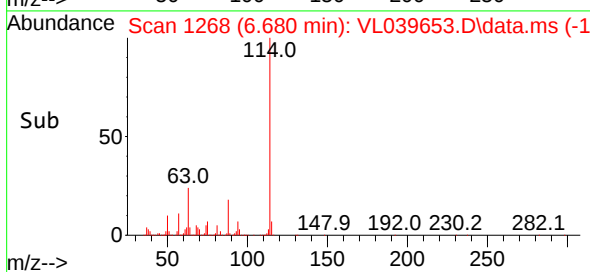
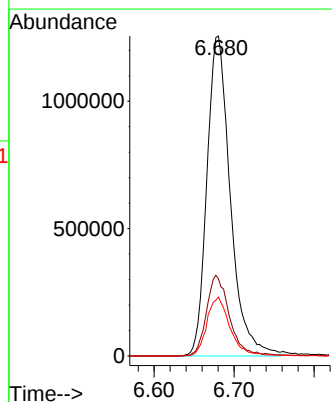
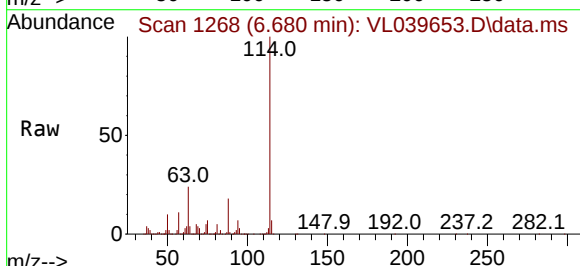
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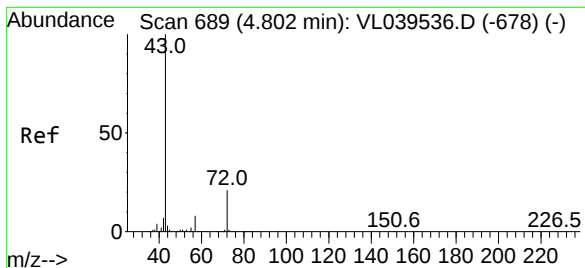
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.680 min Scan# 1268
Delta R.T. 0.020 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

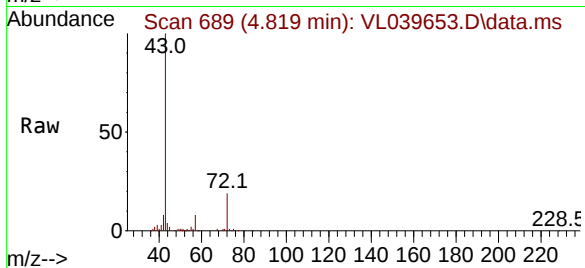
Tgt Ion:114 Resp: 2555484
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.4 14.5 21.7





#34
2-Butanone
Concen: 1.953 ppbv
RT: 4.819 min Scan# 689
Delta R.T. 0.017 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

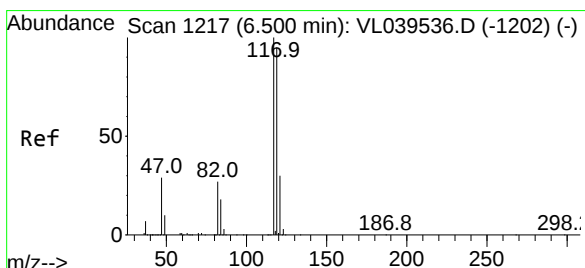
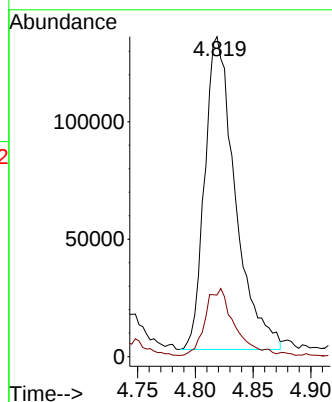
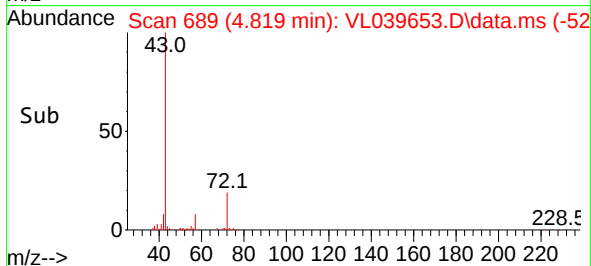
Instrument : MSVOA_L
ClientSampleId : C0PF9



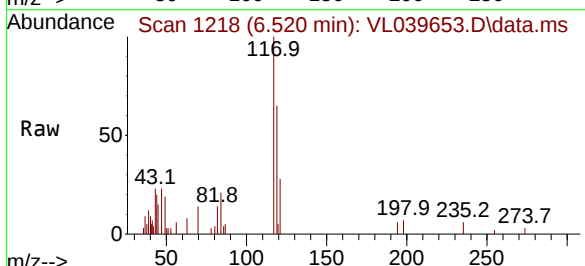
Tgt Ion: 43 Resp: 24510
Ion Ratio Lower Upper
43 100
72 21.6 17.9 26.9

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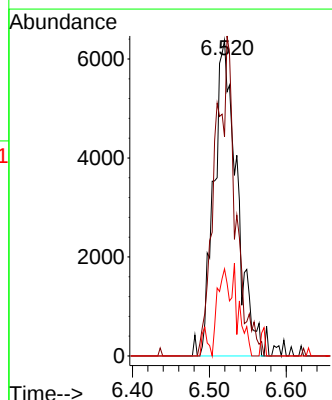
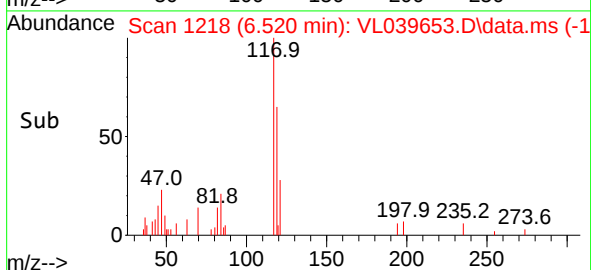
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

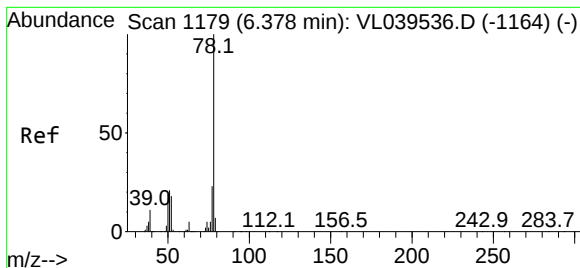


#35
Carbon Tetrachloride
Concen: 0.099 ppbv m
RT: 6.520 min Scan# 1218
Delta R.T. 0.020 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56



Tgt Ion:117 Resp: 13436
Ion Ratio Lower Upper
117 100
119 64.8 75.4 113.2#
121 27.6 24.2 36.2





#36

Benzene

Concen: 0.159 ppbv

RT: 6.394 min Scan# 1179

Delta R.T. 0.017 min

Lab File: VL039653.D

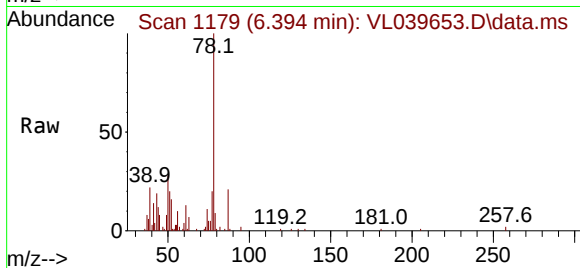
Acq: 22 Sep 2022 2:56

Instrument :

MSVOA_L

ClientSampleId :

C0PF9



Tgt Ion: 78 Resp: 31134

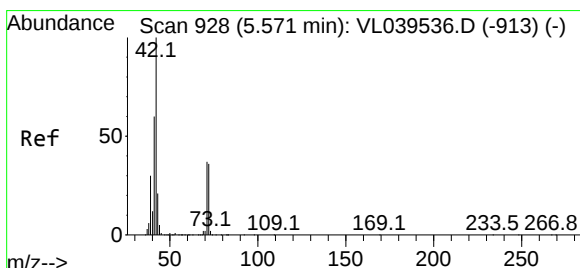
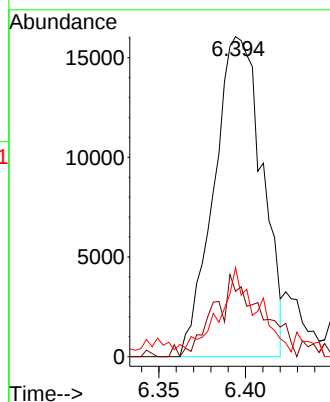
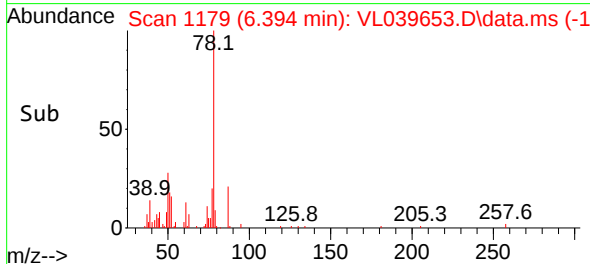
Ion	Ratio	Lower	Upper
78	100		
77	20.4	20.3	30.5
50	24.1	15.5	23.3

Manual Integrations

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Reviewed By :Krupa Patel 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#41

Tetrahydrofuran

Concen: 1.242 ppbv

RT: 5.590 min Scan# 929

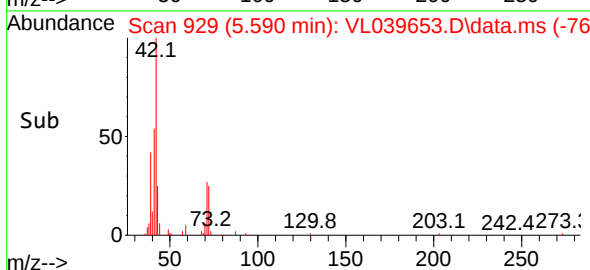
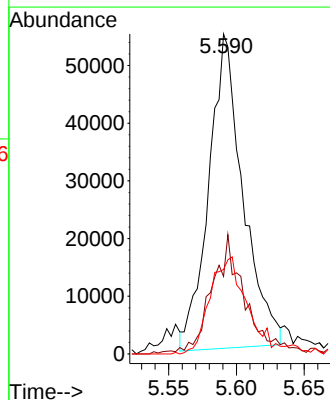
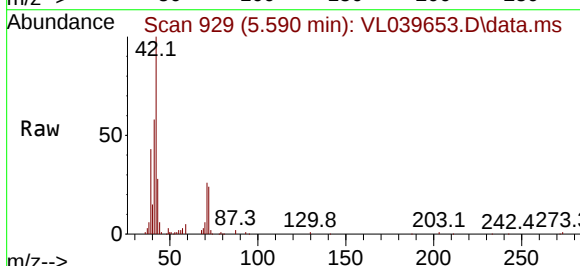
Delta R.T. 0.020 min

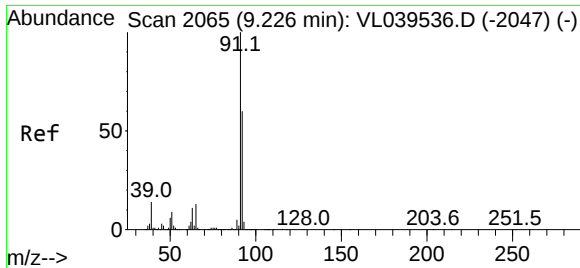
Lab File: VL039653.D

Acq: 22 Sep 2022 2:56

Tgt Ion: 42 Resp: 95677

Ion	Ratio	Lower	Upper
42	100		
72	38.4	31.8	47.8
71	34.9	31.8	47.8





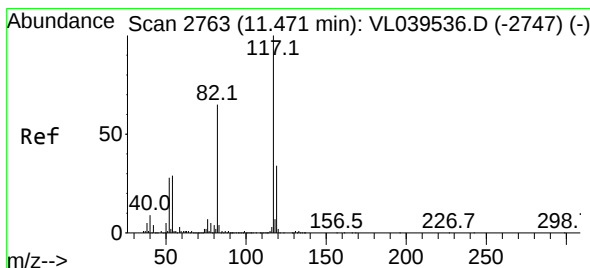
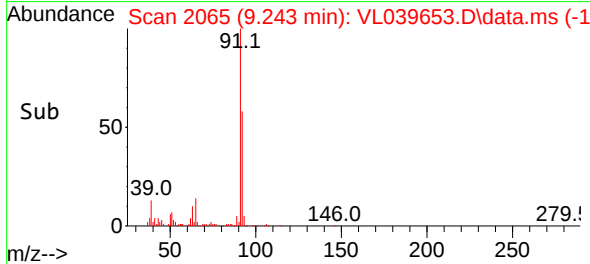
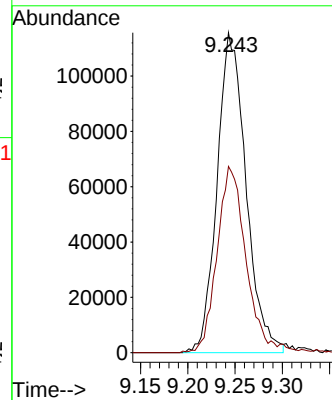
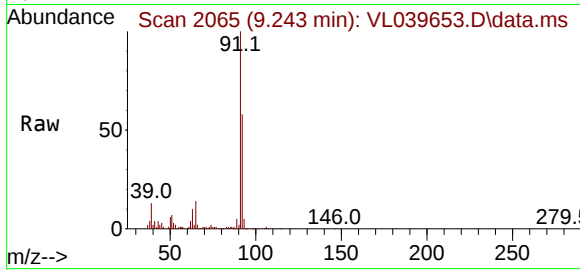
#53
Toluene
Concen: 1.131 ppbv
RT: 9.243 min Scan# 2065
Delta R.T. 0.017 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

Instrument :
MSVOA_L
ClientSampleId :
C0PF9

Tgt Ion: 91 Resp: 24574
Ion Ratio Lower Upper
91 100
92 59.0 48.2 72.2

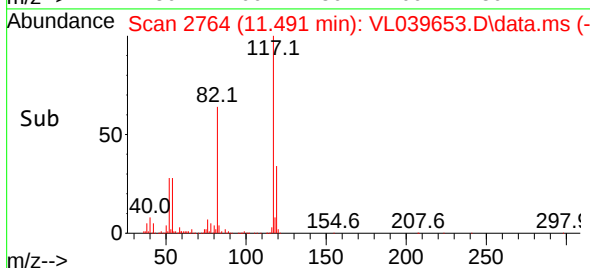
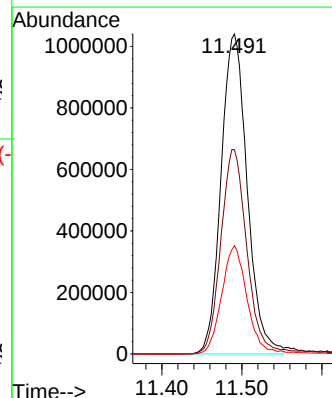
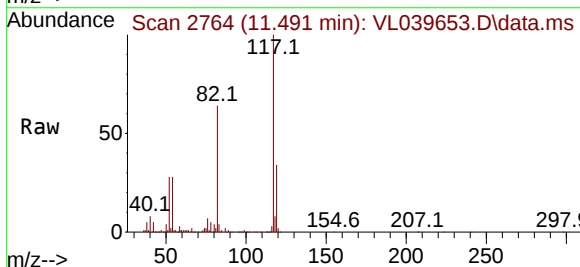
Manual Integrations
APPROVED

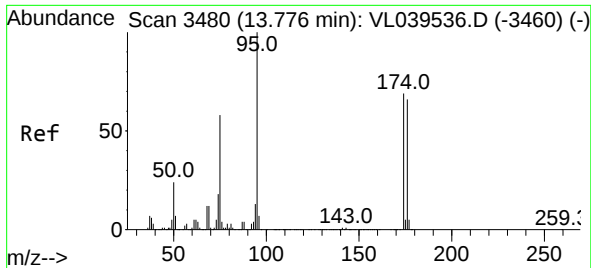
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. 0.020 min
Lab File: VL039653.D
Acq: 22 Sep 2022 2:56

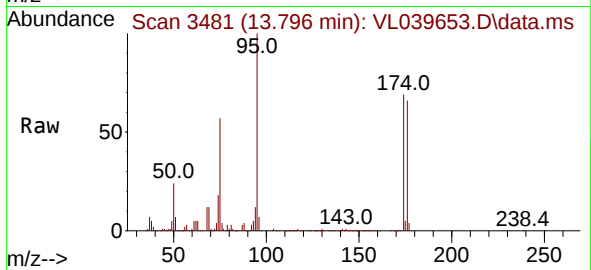
Tgt Ion:117 Resp: 2357752
Ion Ratio Lower Upper
117 100
82 64.5 50.8 76.2
119 33.3 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.151 ppbv
 RT: 13.796 min Scan# 34
 Delta R.T. 0.020 min
 Lab File: VL039653.D
 Acq: 22 Sep 2022 2:56

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF9



Tgt Ion: 95 Resp: 178656

Ion	Ratio	Lower	Upper
95	100		
174	73.1	55.9	83.9
175	5.5	4.2	6.4

Manual Integrations
 APPROVED

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

