

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039908.D
 Acq On : 21 Nov 2022 13:34
 Operator : SY/AP
 Sample : N5724-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:47:59 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	1075586	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	3259466	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2877199	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2248395	10.231	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.700	85	44754	0.291	ppbv	91
4) Chloromethane	2.787	50	34867	0.368	ppbv	100
9) Propene	2.677	41	35899m	0.513	ppbv	
11) Trichlorofluoromethane	3.536	101	45190	0.241	ppbv	91
13) Ethanol	3.211	45	486041	91.056	ppbv	99
15) Acetone	3.443	43	451677	3.166	ppbv	92
19) Isopropyl Alcohol	3.562	45	52182m	0.676	ppbv	
20) Methylene Chloride	3.906	84	760788	11.007	ppbv	97
26) Hexane	5.185	57	355684	3.108	ppbv #	40
34) 2-Butanone	4.777	43	29339m	0.188	ppbv	
35) Carbon Tetrachloride	6.465	117	12866m	0.070	ppbv	
36) Benzene	6.346	78	44571	0.161	ppbv	92
53) Toluene	9.198	91	108356	0.343	ppbv	95
59) m/p-Xylene	12.330	91	32765m	0.100	ppbv	

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

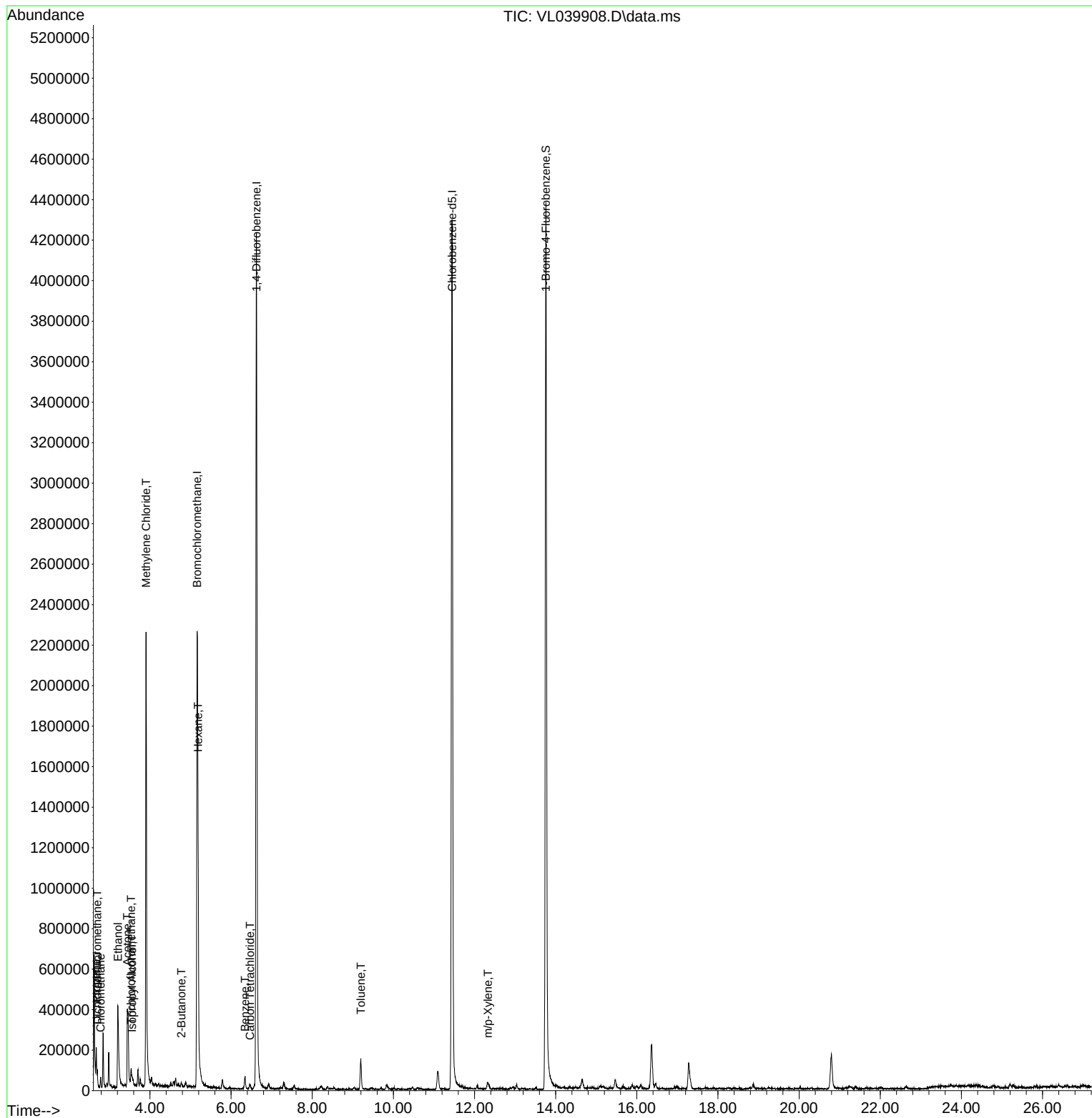
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
Data File : VL039908.D
Acq On : 21 Nov 2022 13:34
Operator : SY/AP
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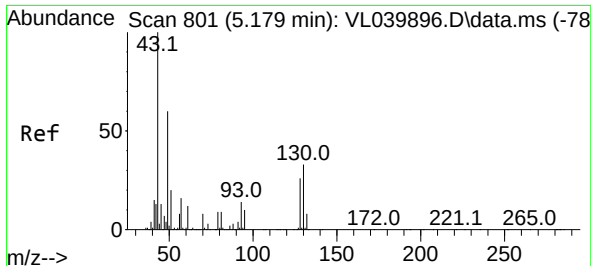
Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Nov 22 03:47:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Nov 22 03:45:31 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

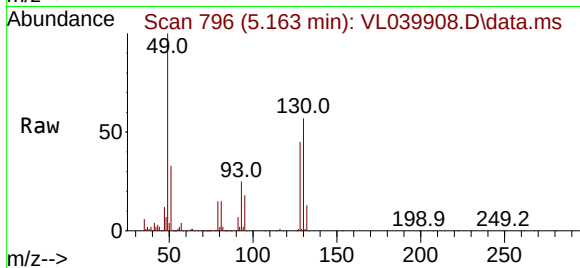
Reviewed By : Semsettin Yesilyurt 11/22/2022
Supervised By : Mahesh Dadoda 11/24/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. 0.007 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

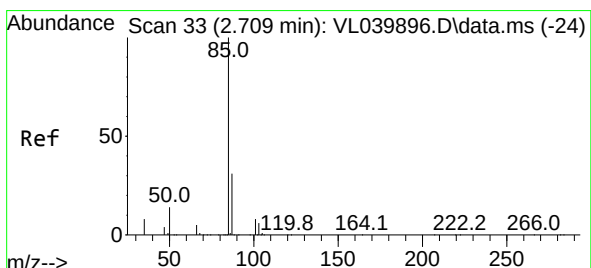
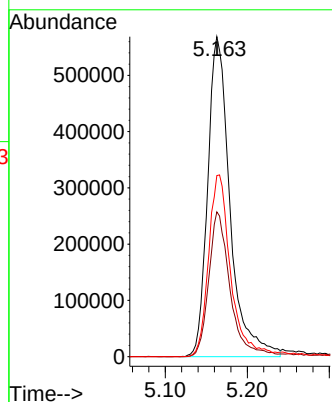
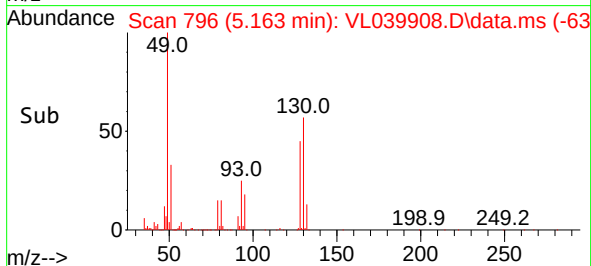
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 107558
Ion Ratio Lower Upper
49 100
128 44.6 22.1 66.3
130 57.4 27.7 83.1

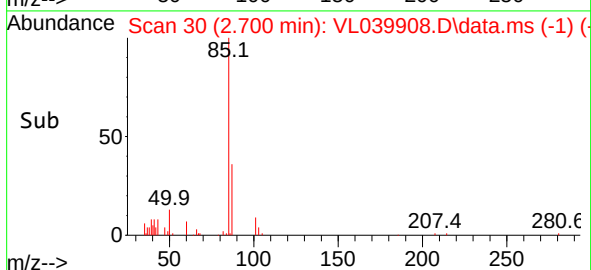
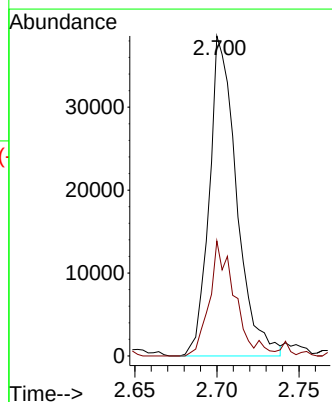
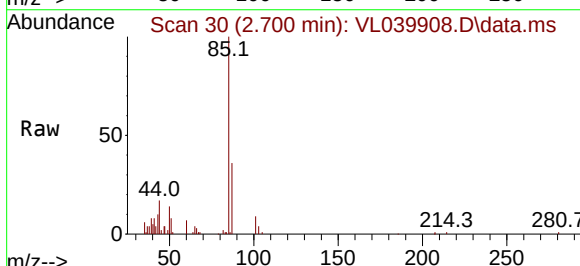
Manual Integrations
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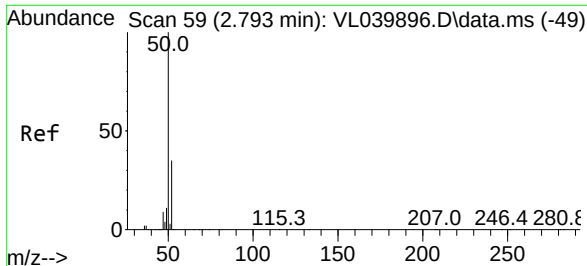
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#2
Dichlorodifluoromethane
Concen: 0.291 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

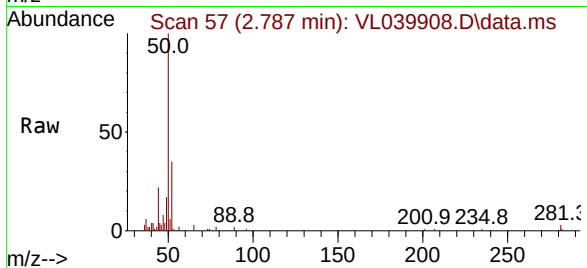
Tgt Ion: 85 Resp: 44754
Ion Ratio Lower Upper
85 100
87 35.9 25.0 37.4





#4
Chloromethane
Concen: 0.368 ppbv
RT: 2.787 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

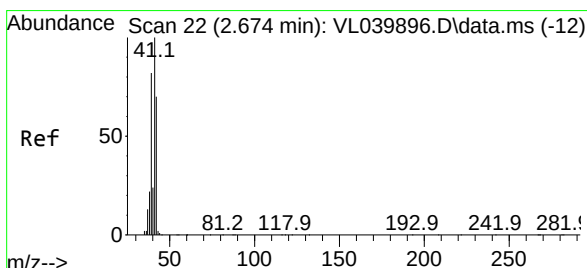
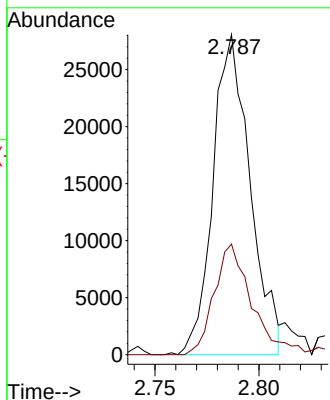
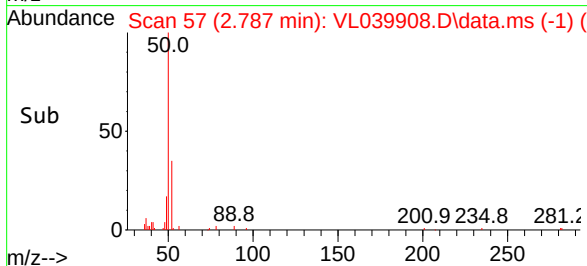
Instrument :
MSVOA_L
ClientSampleId :
IA1



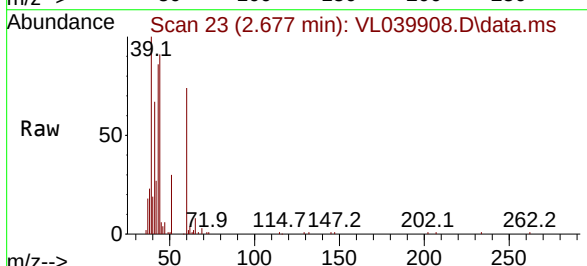
Tgt Ion: 50 Resp: 3486
Ion Ratio Lower Upper
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52 34.5 27.8 41.8

Manual Integrations
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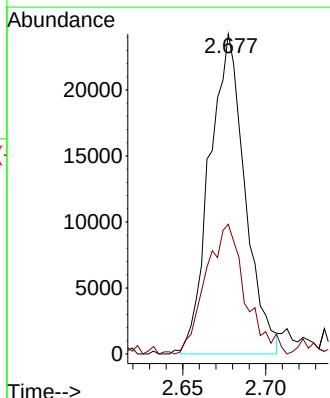
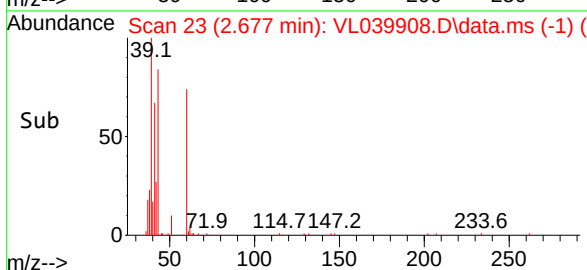
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

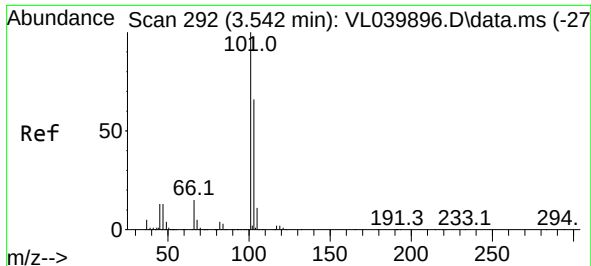


#9
Propene
Concen: 0.513 ppbv m
RT: 2.677 min Scan# 23
Delta R.T. 0.016 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34



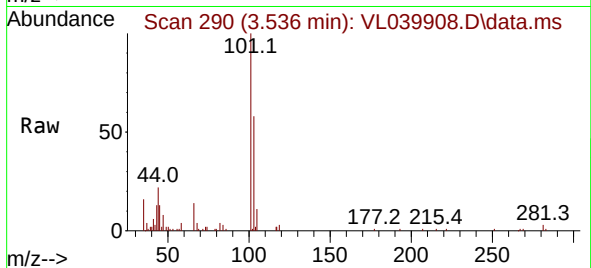
Tgt Ion: 41 Resp: 35899
Ion Ratio Lower Upper
41 100
42 129.3 55.8 83.6#





#11
Trichlorofluoromethane
Concen: 0.241 ppbv
RT: 3.536 min Scan# 292
Delta R.T. 0.006 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

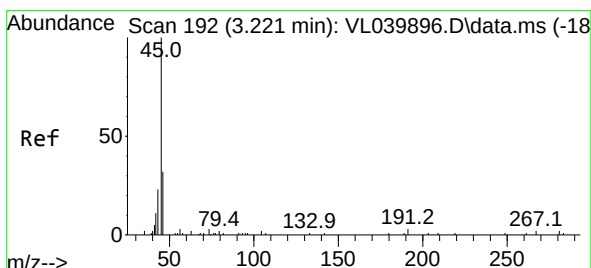
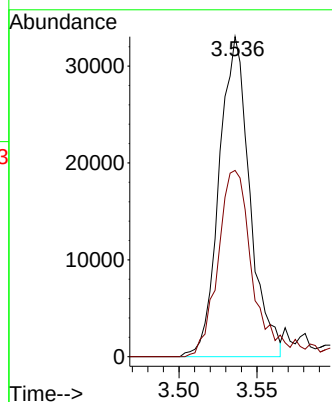
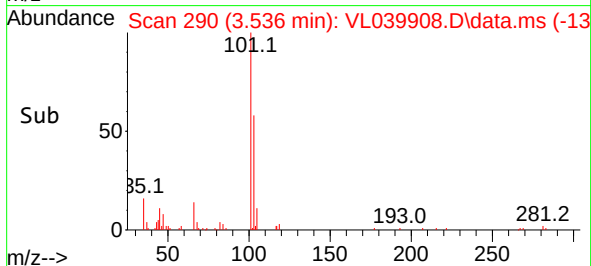
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:101 Resp: 45190
Ion Ratio Lower Upper
101 100
103 58.2 52.6 78.8

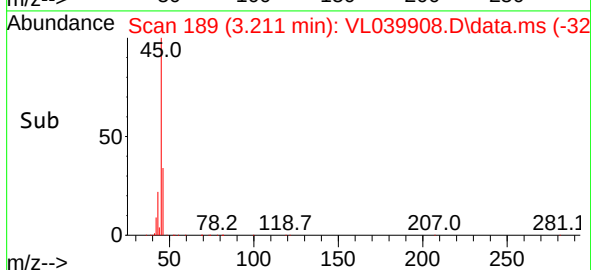
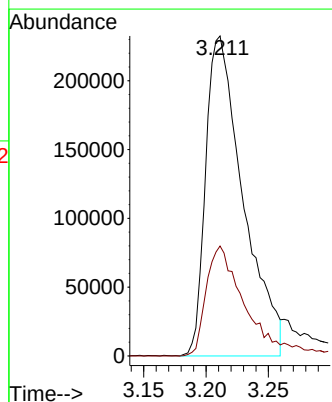
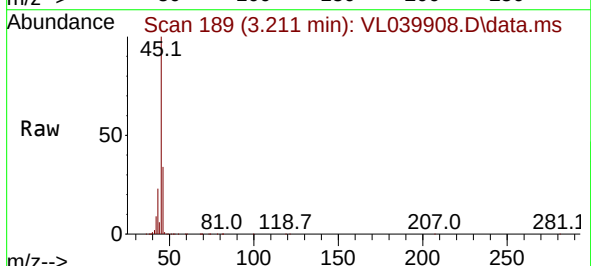
Manual Integrations
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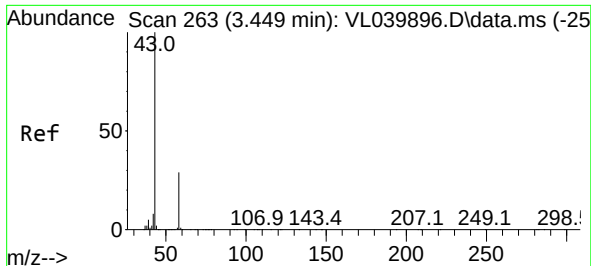
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#13
Ethanol
Concen: 91.056 ppbv
RT: 3.211 min Scan# 189
Delta R.T. 0.003 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

Tgt Ion: 45 Resp: 486041
Ion Ratio Lower Upper
45 100
46 37.1 14.6 58.2





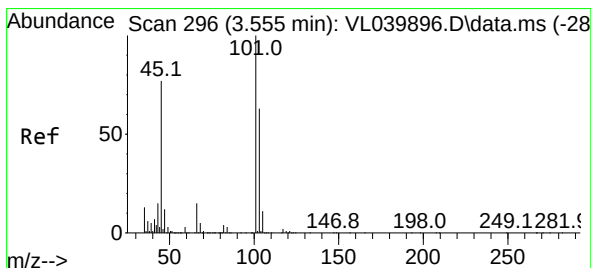
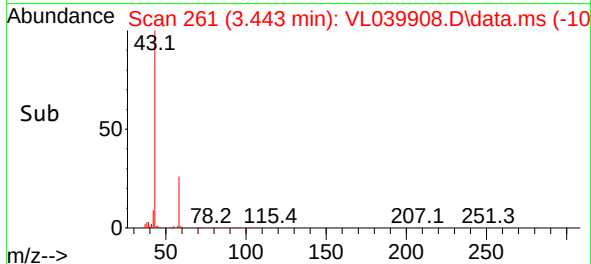
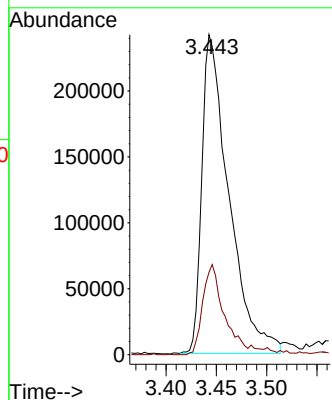
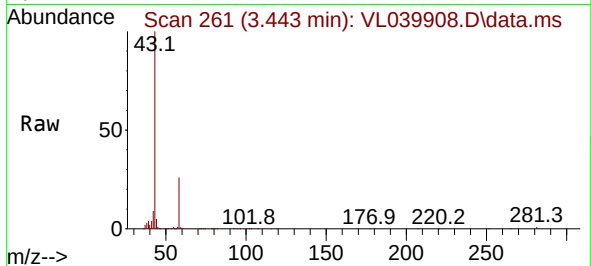
#15
Acetone
Concen: 3.166 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 45167
Ion Ratio Lower Upper
43 100
58 24.5 22.9 34.3

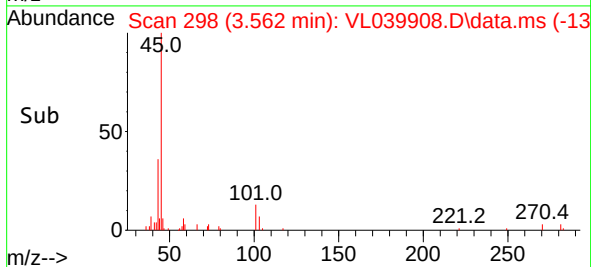
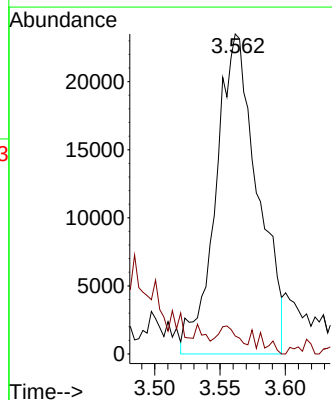
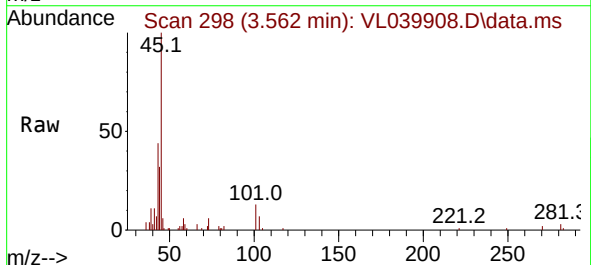
Manual Integrations
APPROVED

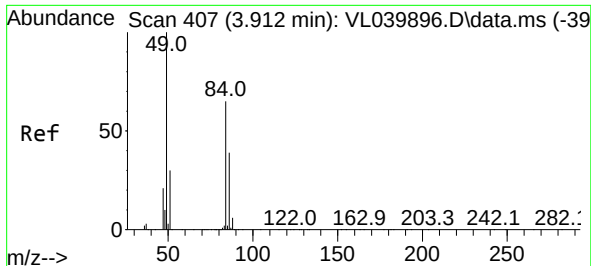
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#19
Isopropyl Alcohol
Concen: 0.676 ppbv m
RT: 3.562 min Scan# 298
Delta R.T. 0.019 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

Tgt Ion: 45 Resp: 52182
Ion Ratio Lower Upper
45 100
58 7.1 38.7 58.1#





#20

Methylene Chloride

Concen: 11.007 ppbv

RT: 3.906 min Scan# 407

Delta R.T. 0.006 min

Lab File: VL039908.D

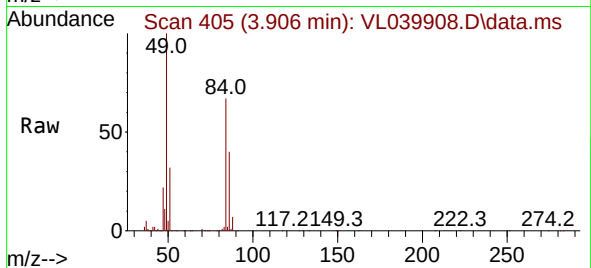
Acq: 21 Nov 2022 13:34

Instrument :

MSVOA_L

ClientSampleId :

IA1



Tgt Ion: 84 Resp: 76078

Ion Ratio Lower Upper

84 100

49 149.2 122.2 183.4

51 47.8 36.3 54.5

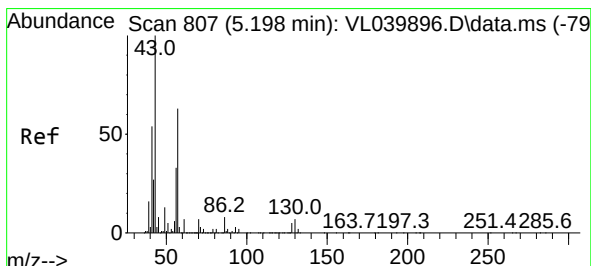
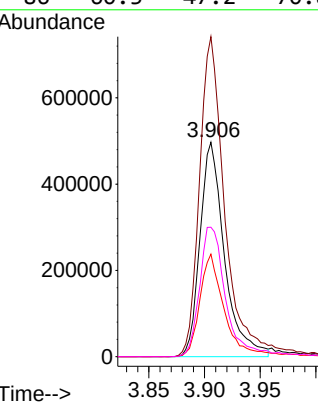
86 60.3 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#26

Hexane

Concen: 3.108 ppbv

RT: 5.185 min Scan# 803

Delta R.T. 0.003 min

Lab File: VL039908.D

Acq: 21 Nov 2022 13:34

Tgt Ion: 57 Resp: 355684

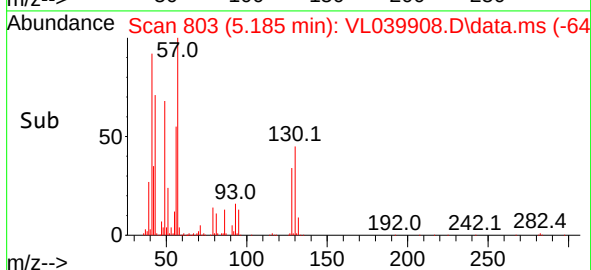
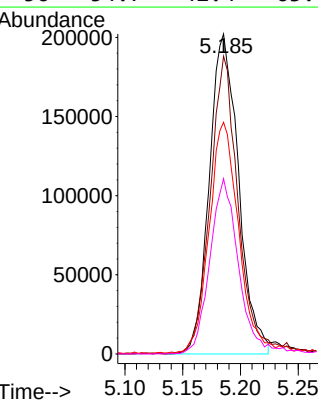
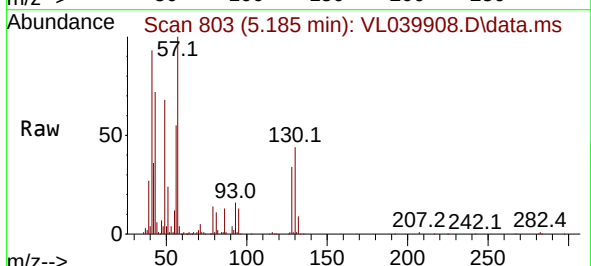
Ion Ratio Lower Upper

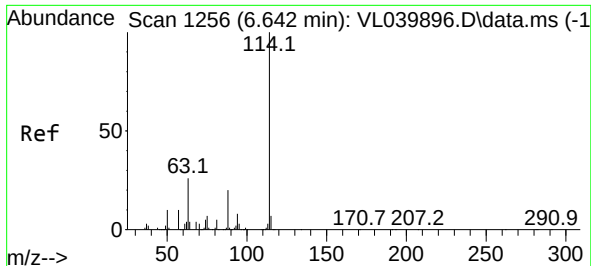
57 100

41 92.2 72.3 108.5

43 75.0 188.7 283.1#

56 54.7 42.4 63.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL039908.D

Acq: 21 Nov 2022 13:34

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:114 Resp: 325946

Ion Ratio Lower Upper

114 100

63 25.1 21.4 32.0

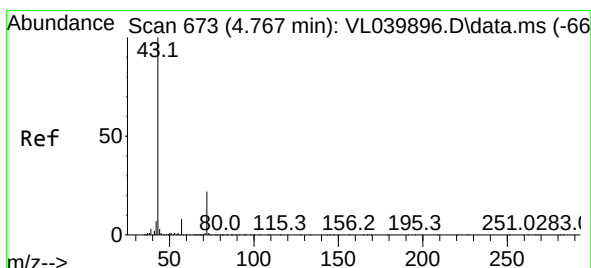
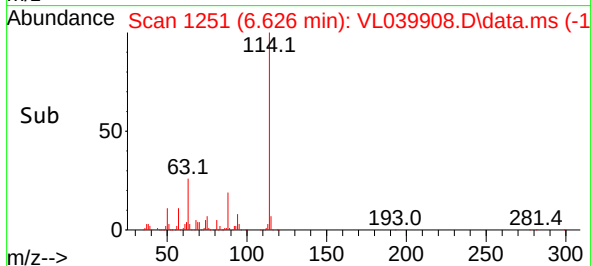
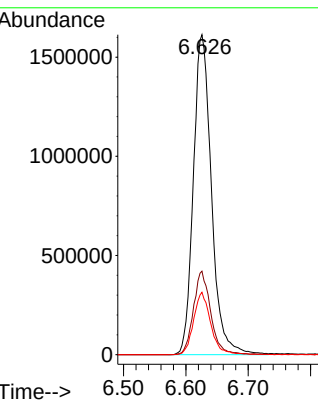
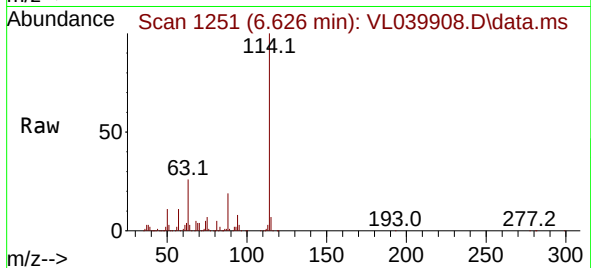
88 18.6 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022

Supervised By :Mahesh Dadoda 11/24/2022



#34

2-Butanone

Concen: 0.188 ppbv m

RT: 4.777 min Scan# 676

Delta R.T. 0.026 min

Lab File: VL039908.D

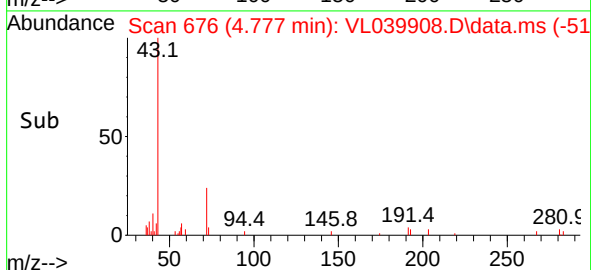
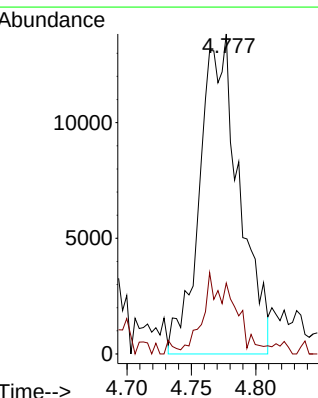
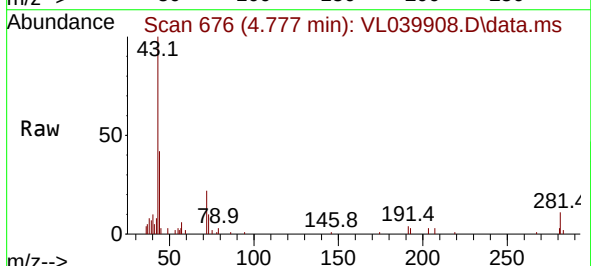
Acq: 21 Nov 2022 13:34

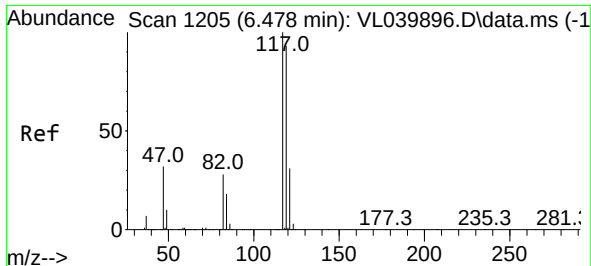
Tgt Ion: 43 Resp: 29339

Ion Ratio Lower Upper

43 100

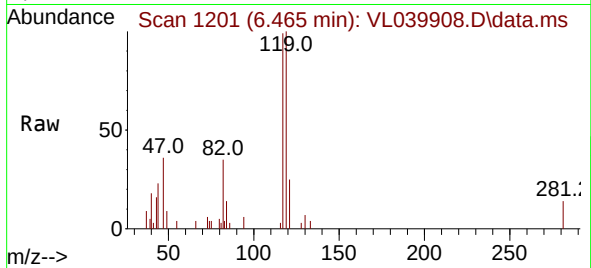
72 22.8 17.4 26.2





#35
Carbon Tetrachloride
Concen: 0.070 ppbv m
RT: 6.465 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

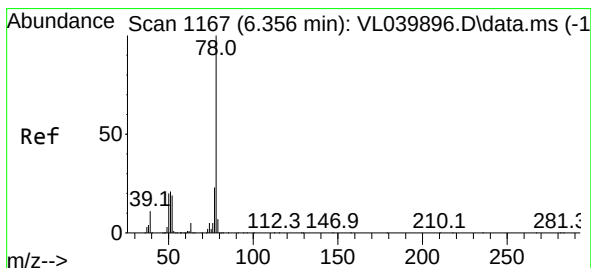
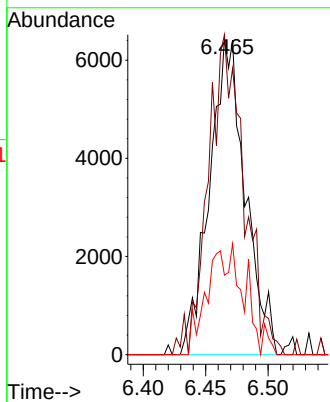
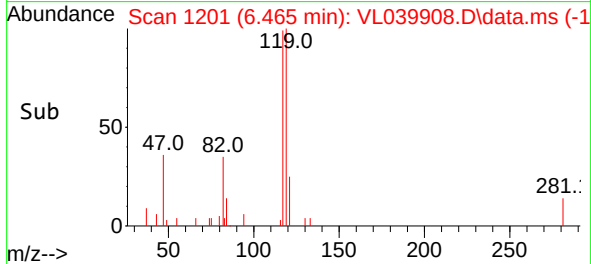
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:117 Resp: 1286
Ion Ratio Lower Upper
117 100
119 101.3 74.7 112.1
121 25.2 24.5 36.7

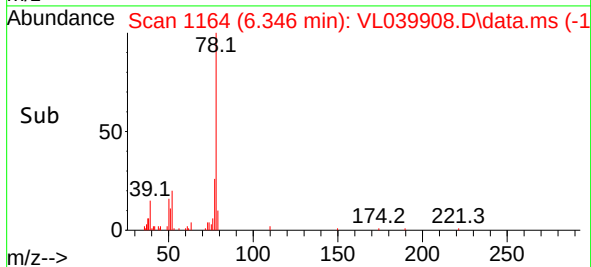
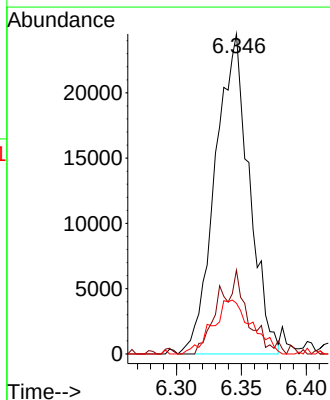
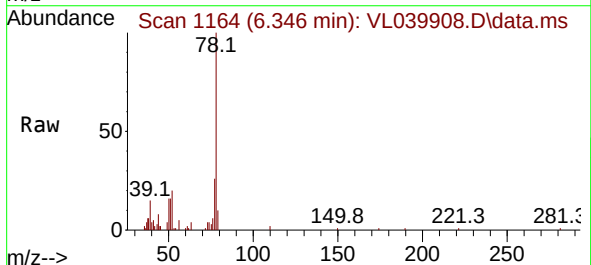
Manual Integrations
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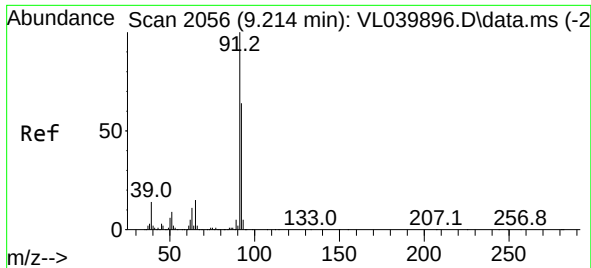
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#36
Benzene
Concen: 0.161 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. 0.010 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

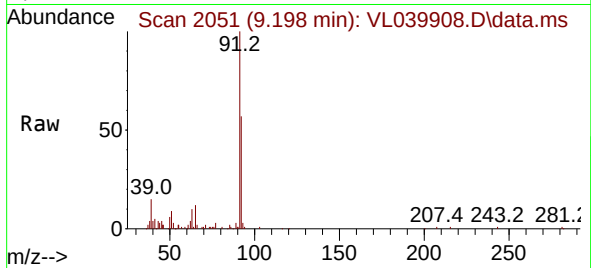
Tgt Ion: 78 Resp: 44571
Ion Ratio Lower Upper
78 100
77 26.2 18.2 27.2
50 15.9 15.8 23.8





#53
Toluene
Concen: 0.343 ppbv
RT: 9.198 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

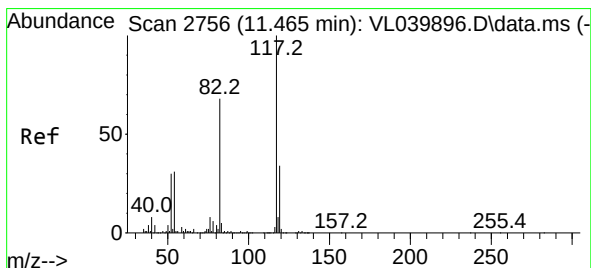
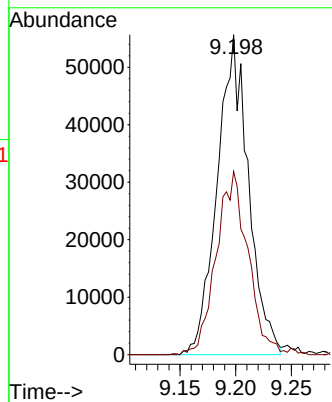
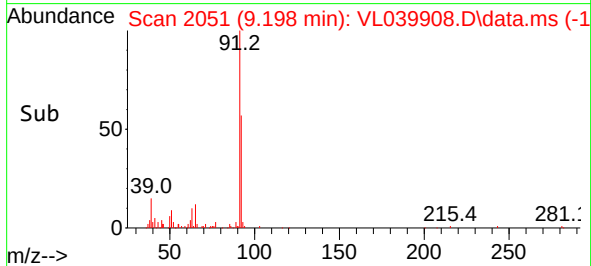
Instrument :
MSVOA_L
ClientSampleId :
IA1



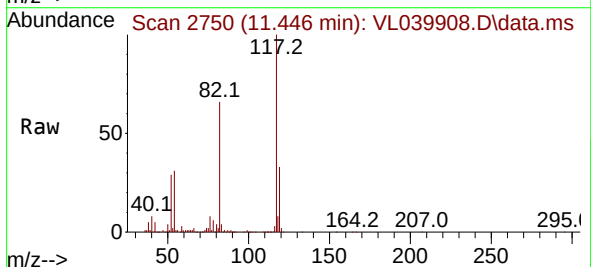
Tgt Ion: 91 Resp: 108350
Ion Ratio Lower Upper
91 100
92 58.7 49.8 74.6

Manual Integrations
APPROVED

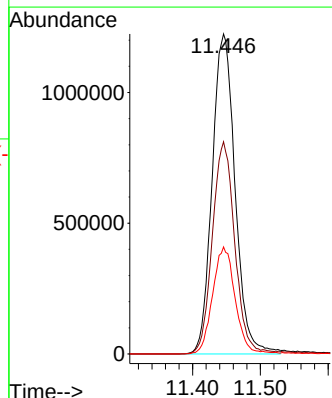
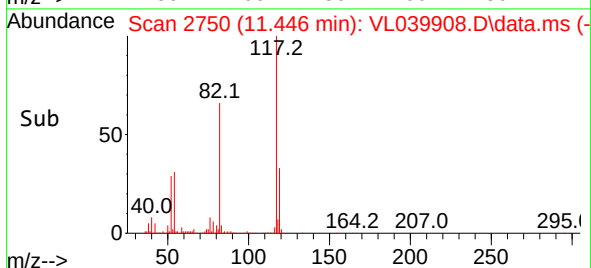
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

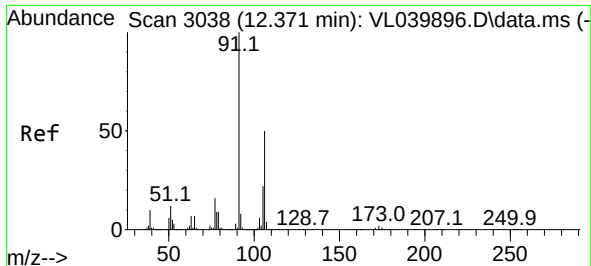


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. 0.006 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34



Tgt Ion:117 Resp: 2877199
Ion Ratio Lower Upper
117 100
82 65.6 52.3 78.5
119 33.2 25.7 38.5





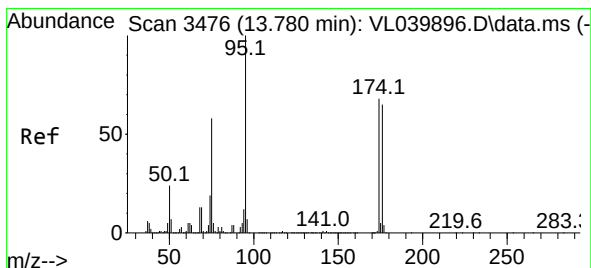
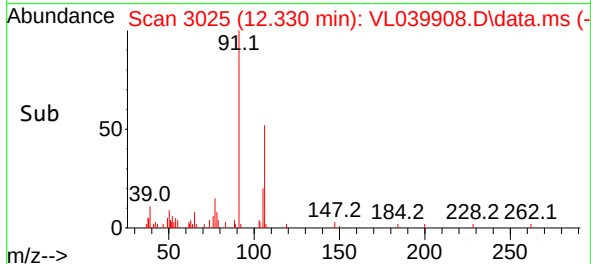
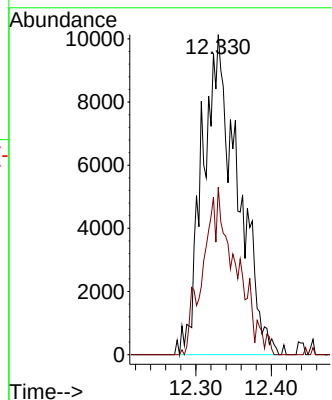
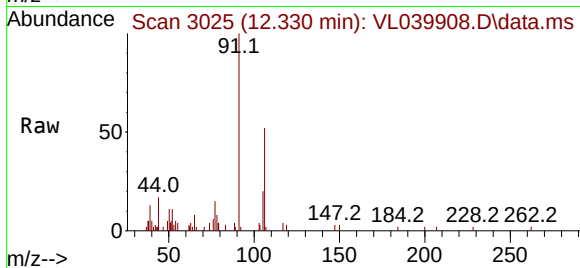
#59
m/p-Xylene
Concen: 0.100 ppbv m
RT: 12.330 min Scan# 3038
Delta R.T. -0.016 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 3276
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.231 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.006 min
Lab File: VL039908.D
Acq: 21 Nov 2022 13:34

Tgt Ion: 95 Resp: 2248395
Ion Ratio Lower Upper
95 100
174 63.7 53.7 80.5
175 4.5 4.0 6.0

