

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040654.D
 Acq On : 5 Sep 2023 19:38
 Operator : SY/MD
 Sample : 04261-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 02:07:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	885018	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2293866	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	1995953	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1629641	10.266	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	23183	0.122	ppbv	98
3) Chlorodifluoromethane	2.661	51	14695	0.101	ppbv	99
4) Chloromethane	2.800	50	7713	0.136	ppbv #	88
9) Propene	2.690	41	11437	0.254	ppbv	94
13) Ethanol	3.230	45	181164	14.417	ppbv	97
15) Acetone	3.459	43	257551	2.379	ppbv	96
19) Isopropyl Alcohol	3.578	45	85717	1.249	ppbv #	81
20) Methylene Chloride	3.922	84	158809	3.002	ppbv	98
26) Hexane	5.208	57	116162	1.181	ppbv #	37
29) Chloroform	5.266	83	14165	0.091	ppbv #	79
53) Toluene	9.211	91	19040m	0.098	ppbv	

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

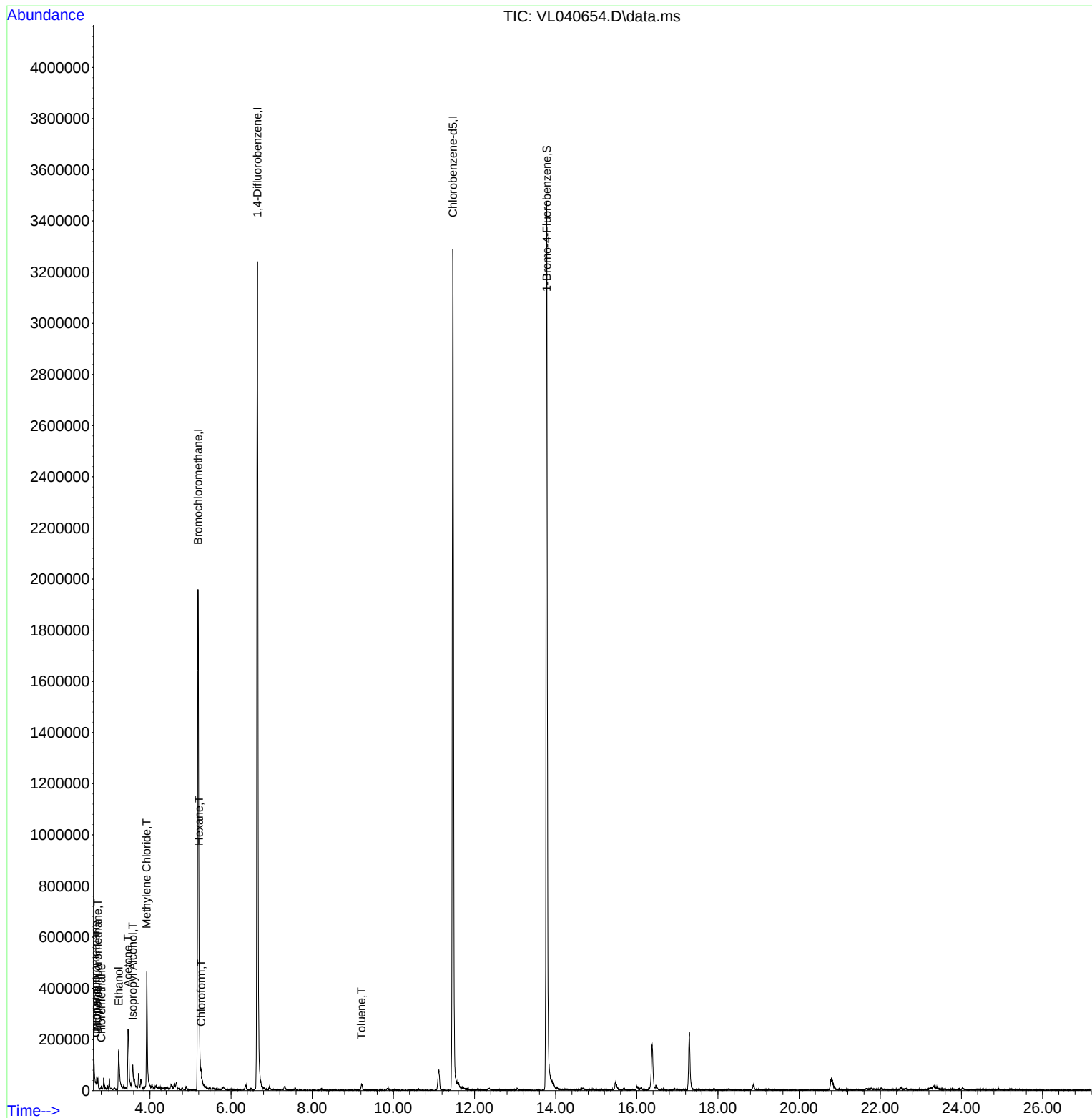
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
Data File : VL040654.D
Acq On : 5 Sep 2023 19:38
Operator : SY/MD
Sample : 04261-01DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

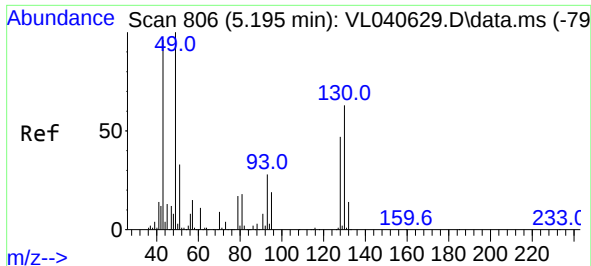
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Quant Time: Sep 06 02:07:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

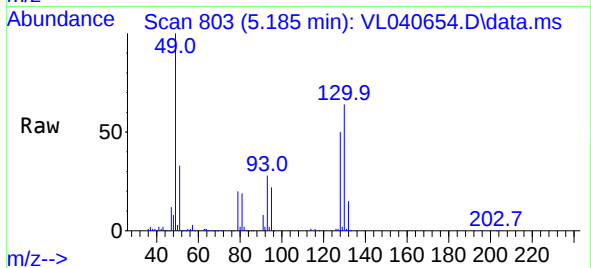
Reviewed By : Semsettin Yesilyurt 09/06/2023
Supervised By : Mahesh Dadoda 09/06/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

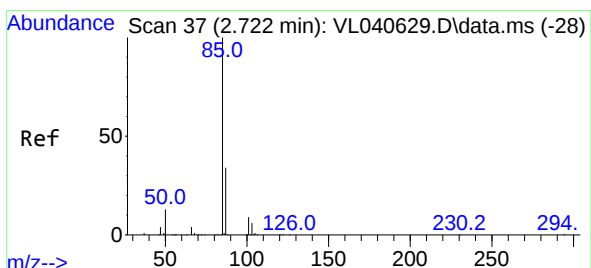
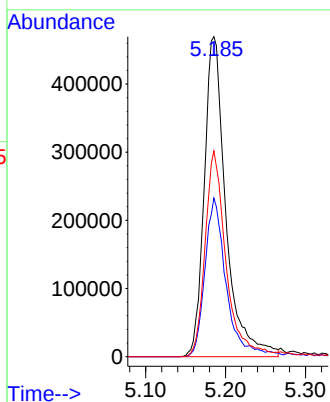
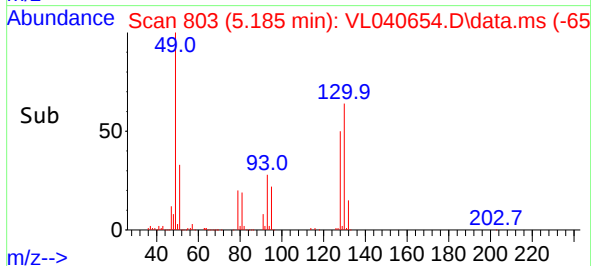
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 885018
Ion Ratio Lower Upper
49 100
128 49.6 24.9 74.7
130 64.2 32.2 96.6

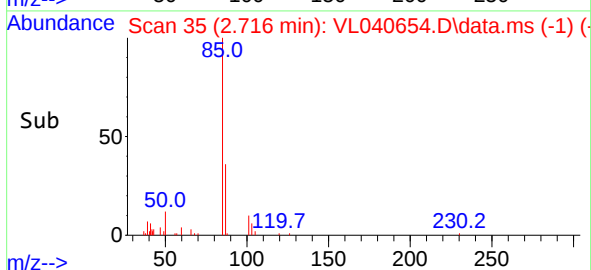
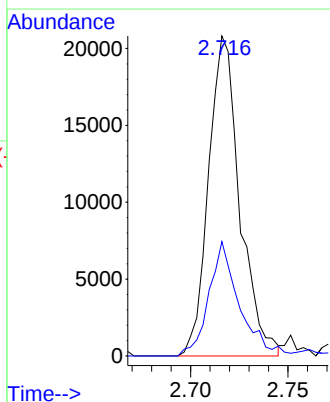
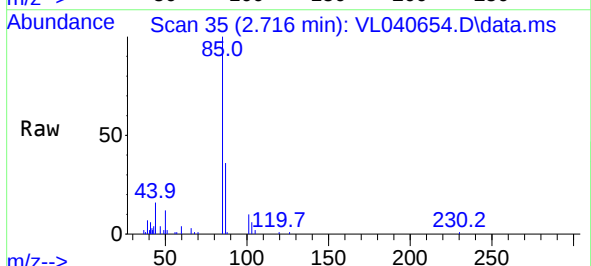
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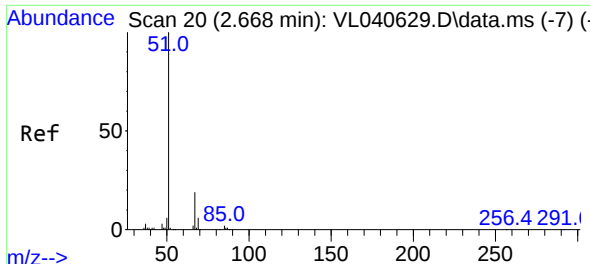
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#2
Dichlorodifluoromethane
Concen: 0.122 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.006 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

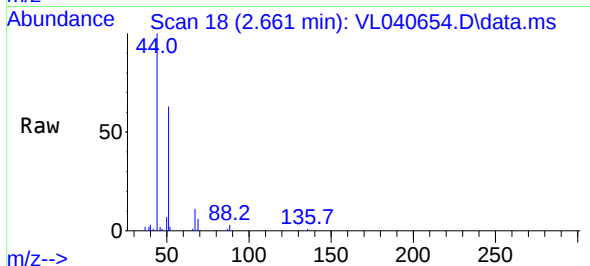
Tgt Ion: 85 Resp: 23183
Ion Ratio Lower Upper
85 100
87 35.8 27.5 41.3





#3
Chlorodifluoromethane
Concen: 0.101 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

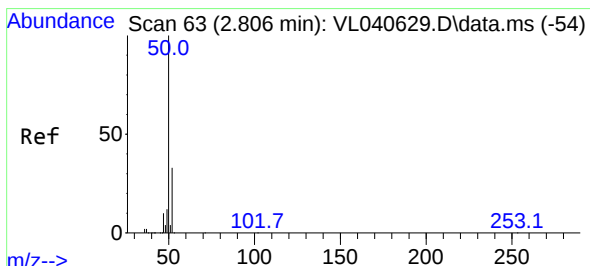
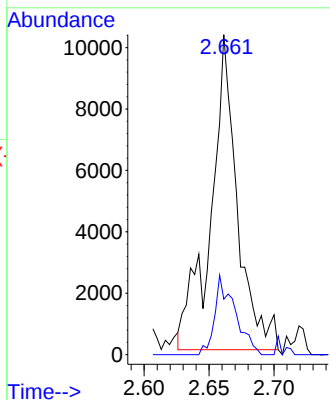
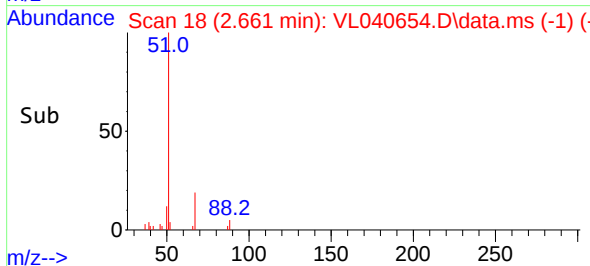
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 51 Resp: 1469
Ion Ratio Lower Upper
51 100
67 19.2 15.0 22.6

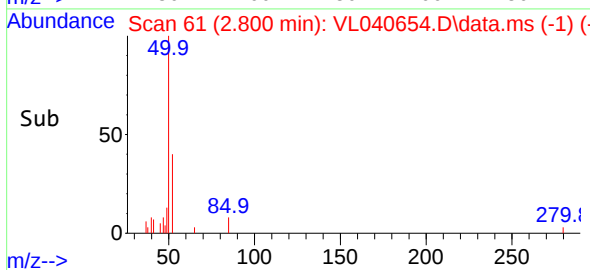
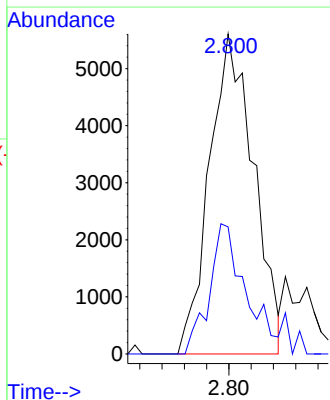
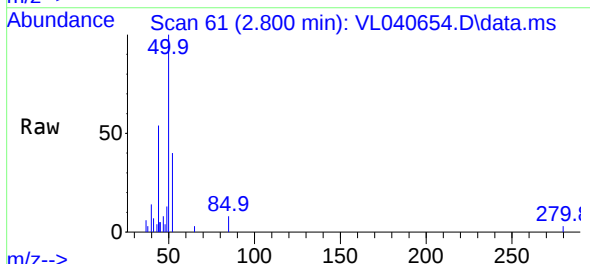
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Supervised By :Mahesh Dadoda 09/06/2023

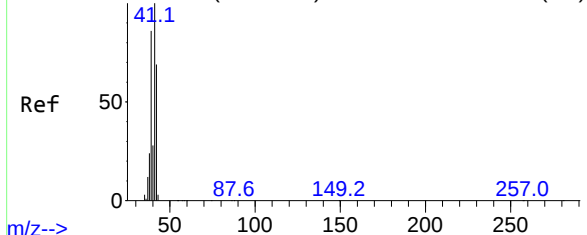


#4
Chloromethane
Concen: 0.136 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

Tgt Ion: 50 Resp: 7713
Ion Ratio Lower Upper
50 100
52 39.7 26.2 39.2#



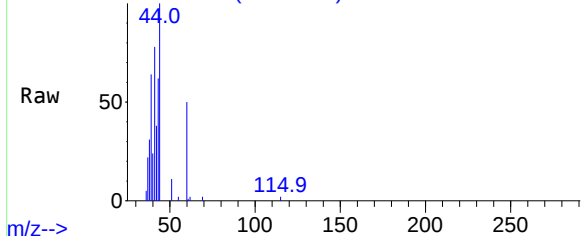
Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9
Propene
Concen: 0.254 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Abundance Scan 27 (2.690 min): VL040654.D\data.ms

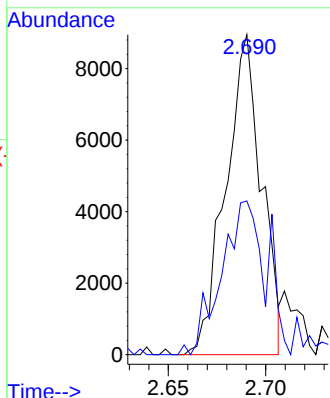
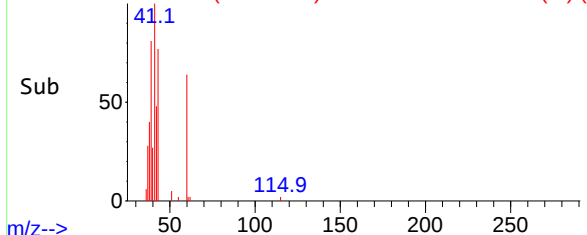


Tgt Ion: 41 Resp: 1143
Ion Ratio Lower Upper
41 100
42 65.8 56.5 84.7

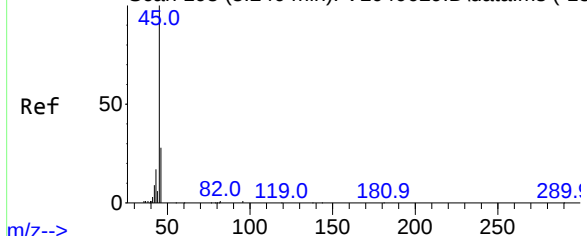
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Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

Abundance Scan 27 (2.690 min): VL040654.D\data.ms (-1)

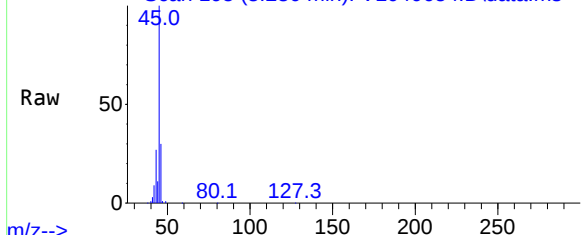


Abundance Scan 198 (3.240 min): VL040629.D\data.ms (-18)



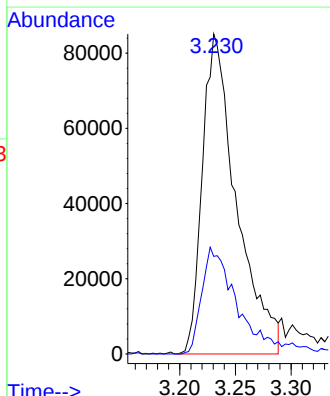
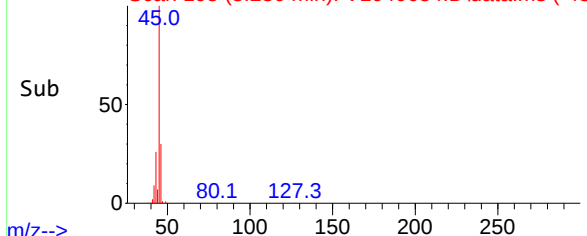
#13
Ethanol
Concen: 14.417 ppbv
RT: 3.230 min Scan# 195
Delta R.T. -0.010 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

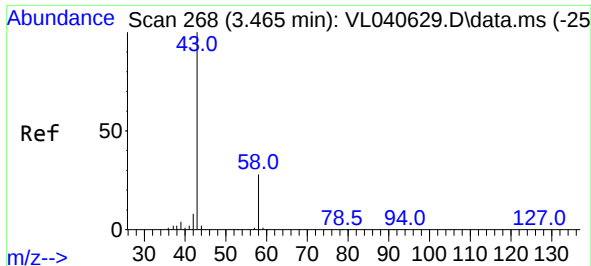
Abundance Scan 195 (3.230 min): VL040654.D\data.ms



Tgt Ion: 45 Resp: 181164
Ion Ratio Lower Upper
45 100
46 37.2 14.2 56.6

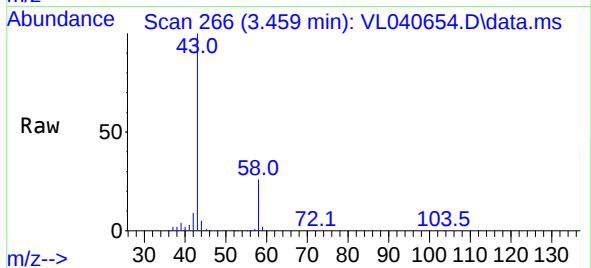
Abundance Scan 195 (3.230 min): VL040654.D\data.ms (-43)





#15
Acetone
Concen: 2.379 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

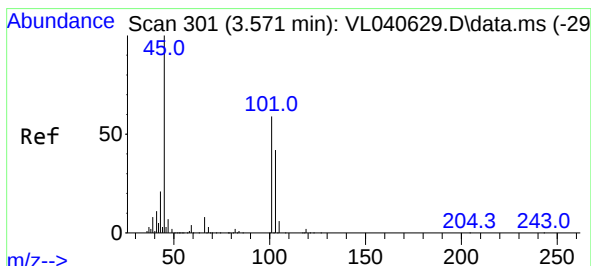
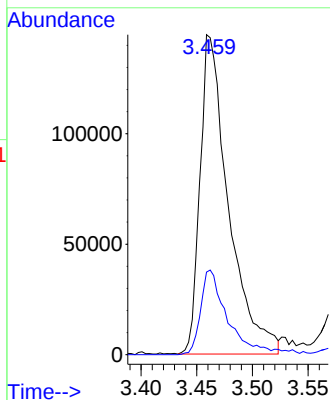
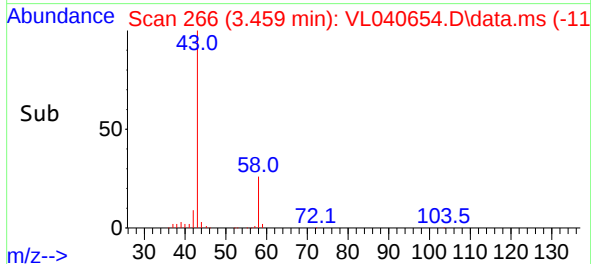
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 43 Resp: 25755
Ion Ratio Lower Upper
43 100
58 25.7 22.4 33.6

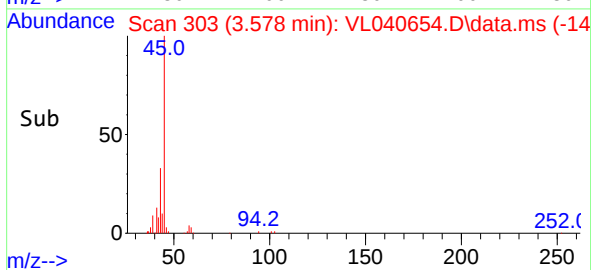
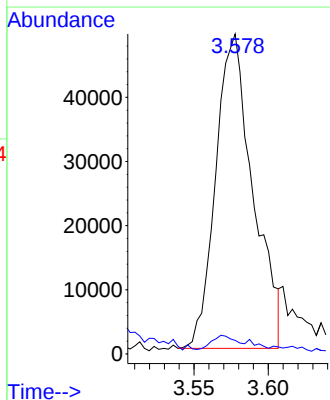
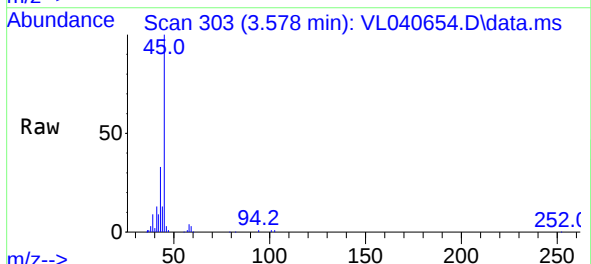
Manual Integrations
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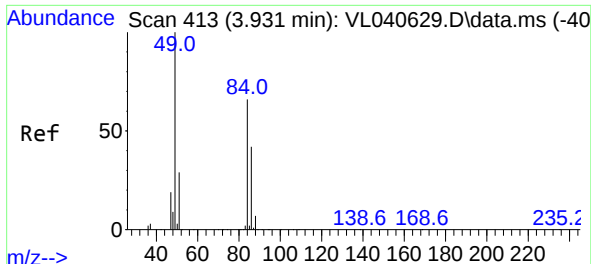
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#19
Isopropyl Alcohol
Concen: 1.249 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.006 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

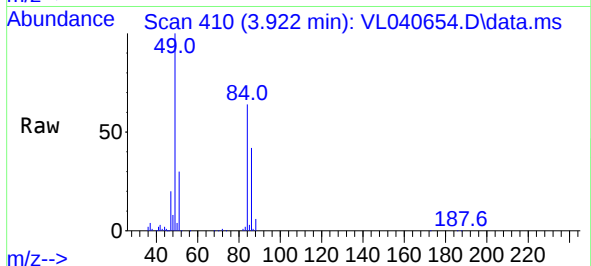
Tgt Ion: 45 Resp: 85717
Ion Ratio Lower Upper
45 100
58 9.0 1.9 2.9#





#20
Methylene Chloride
Concen: 3.002 ppbv
RT: 3.922 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

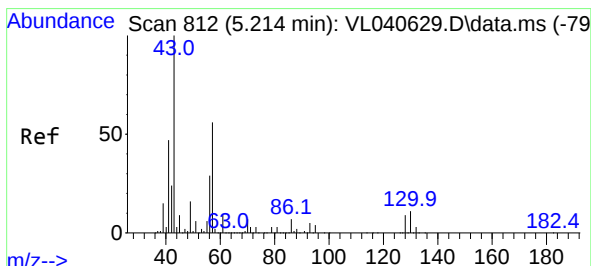
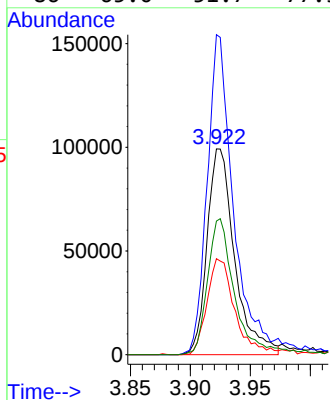
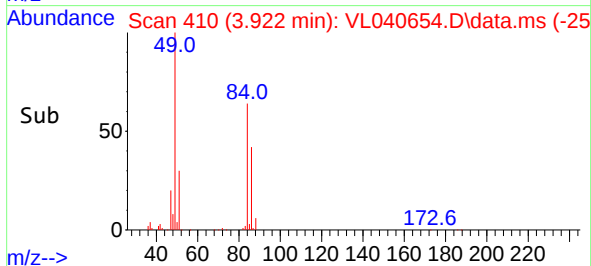
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



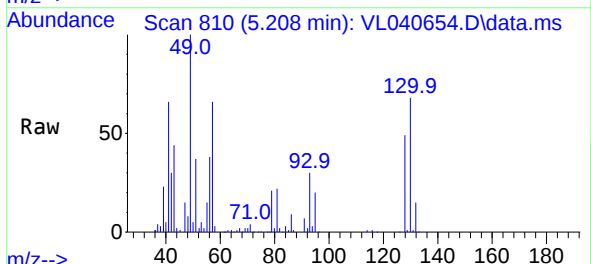
Tgt Ion: 84 Resp: 158809
Ion Ratio Lower Upper
84 100
49 155.6 122.1 183.1
51 46.6 35.4 53.2
86 65.0 51.7 77.5

Manual Integrations
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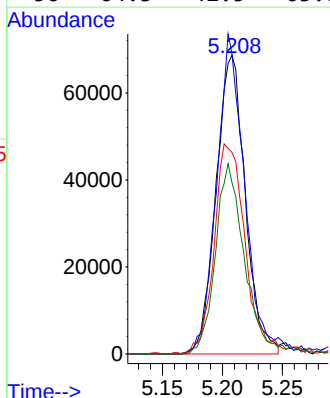
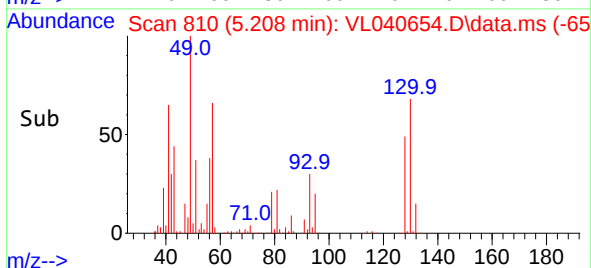
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

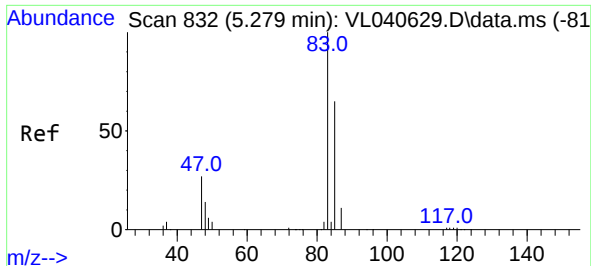


#26
Hexane
Concen: 1.181 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.006 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38



Tgt Ion: 57 Resp: 116162
Ion Ratio Lower Upper
57 100
41 105.3 69.3 103.9#
43 76.0 177.9 266.9#
56 64.3 42.5 63.7#





#29

Chloroform

Concen: 0.091 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040654.D

Acq: 5 Sep 2023 19:38

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion: 83 Resp: 1416

Ion Ratio Lower Upper

83 100

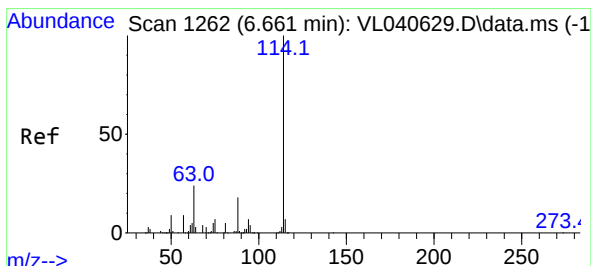
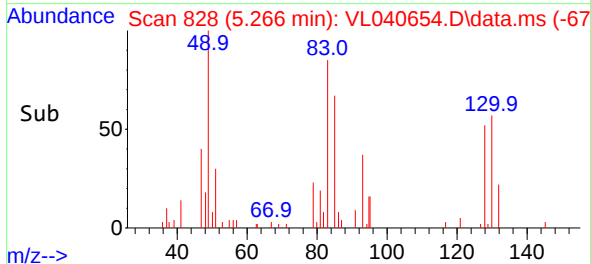
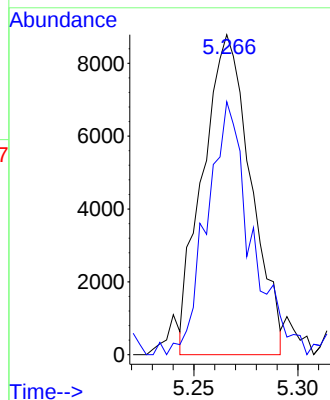
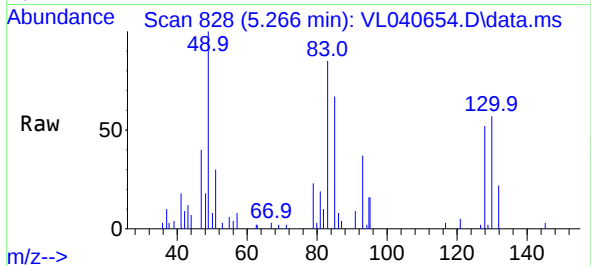
85 81.8 52.2 78.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.013 min

Lab File: VL040654.D

Acq: 5 Sep 2023 19:38

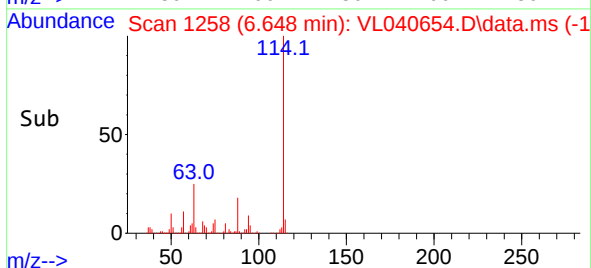
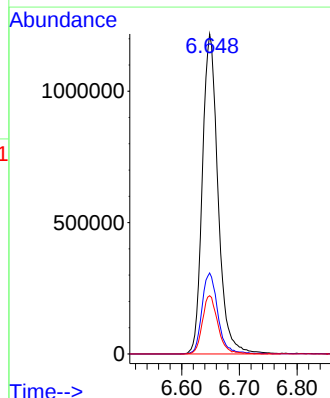
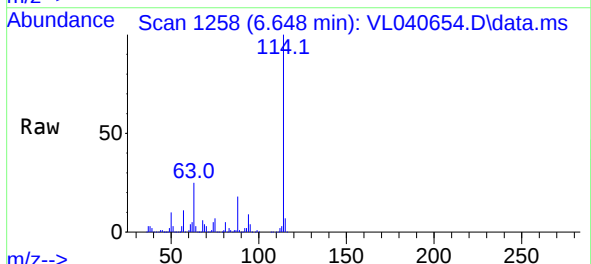
Tgt Ion:114 Resp: 2293866

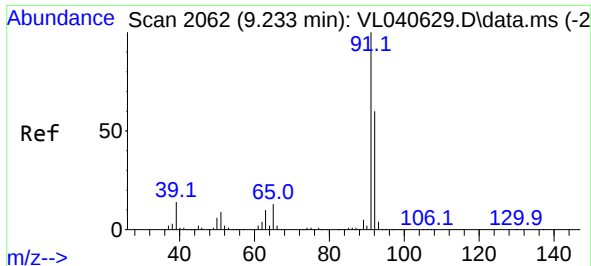
Ion Ratio Lower Upper

114 100

63 25.8 20.2 30.2

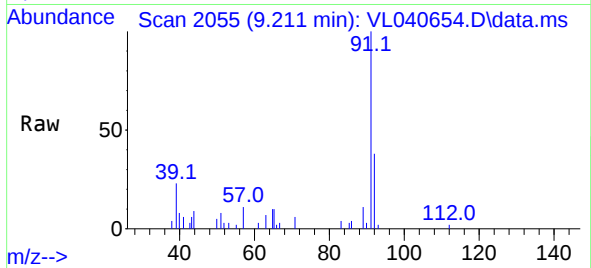
88 18.1 14.1 21.1





#53
Toluene
Concen: 0.098 ppbv m
RT: 9.211 min Scan# 2062
Delta R.T. -0.023 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

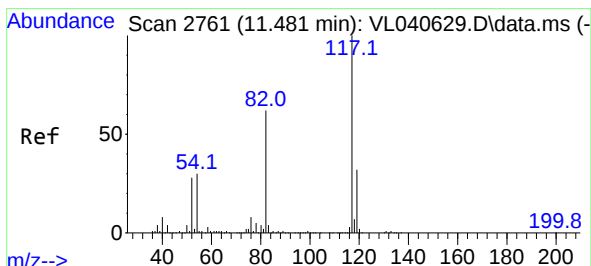
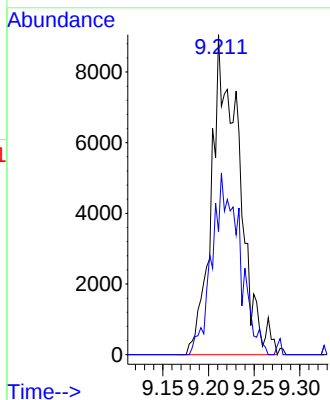
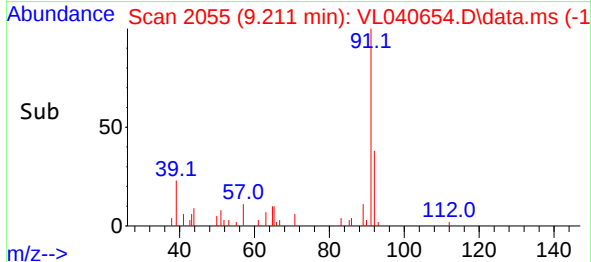
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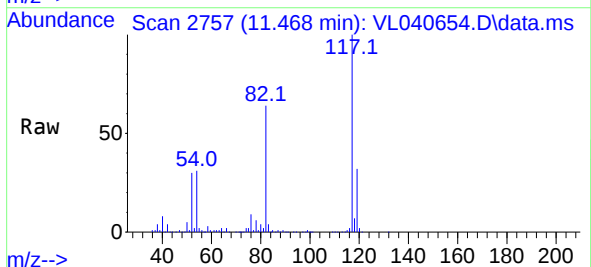
Tgt Ion: 91 Resp: 19040
Ion Ratio Lower Upper
91 100
92 57.3 48.0 72.0

Manual Integrations
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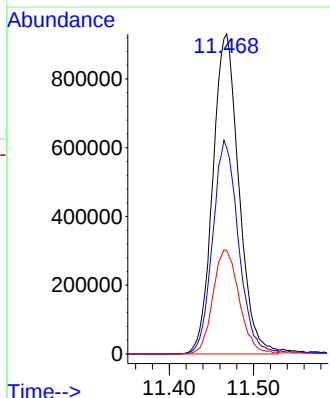
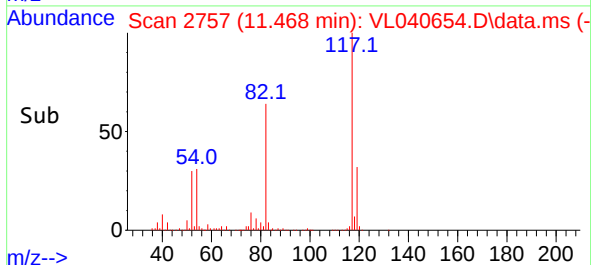
Reviewed By :Semsettin Yesilyurt 09/06/2023
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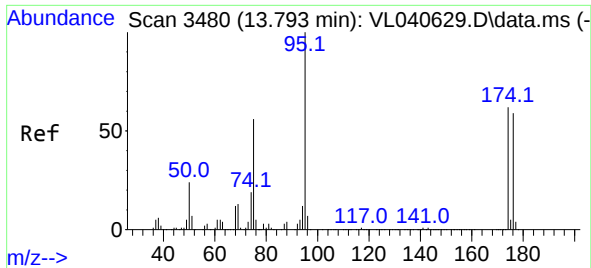


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.013 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38



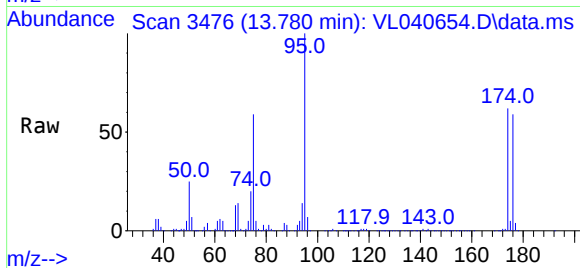
Tgt Ion:117 Resp: 1995953
Ion Ratio Lower Upper
117 100
82 67.5 49.5 74.3
119 33.4 24.5 36.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.266 ppbv
RT: 13.780 min Scan# 34
Delta R.T. -0.013 min
Lab File: VL040654.D
Acq: 5 Sep 2023 19:38

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 95 Resp: 162964
Ion Ratio Lower Upper
95 100
174 62.3 49.1 73.7
175 4.4 3.7 5.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

