

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040657.D
 Acq On : 5 Sep 2023 21:43
 Operator : SY/MD
 Sample : 04281-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 02:08:08 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	782938	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2031796	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	1730708	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1398131	10.158	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	268998	1.595	ppbv	95
4) Chloromethane	2.800	50	24796	0.495	ppbv	90
9) Propene	2.690	41	25584m	0.642	ppbv	
11) Trichlorofluoromethane	3.552	101	851534	6.255	ppbv	98
13) Ethanol	3.231	45	213293	19.187	ppbv	96
15) Acetone	3.456	43	916554	9.571	ppbv	97
19) Isopropyl Alcohol	3.571	45	366616	6.038	ppbv #	97
20) Methylene Chloride	3.925	84	1653765	35.338	ppbv	95
26) Hexane	5.208	57	1034778	11.891	ppbv #	41
34) 2-Butanone	4.784	43	37867	0.370	ppbv	99
35) Carbon Tetrachloride	6.494	117	9856m	0.078	ppbv	
36) Benzene	6.365	78	16743m	0.104	ppbv	
53) Toluene	9.217	91	21778m	0.127	ppbv	

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

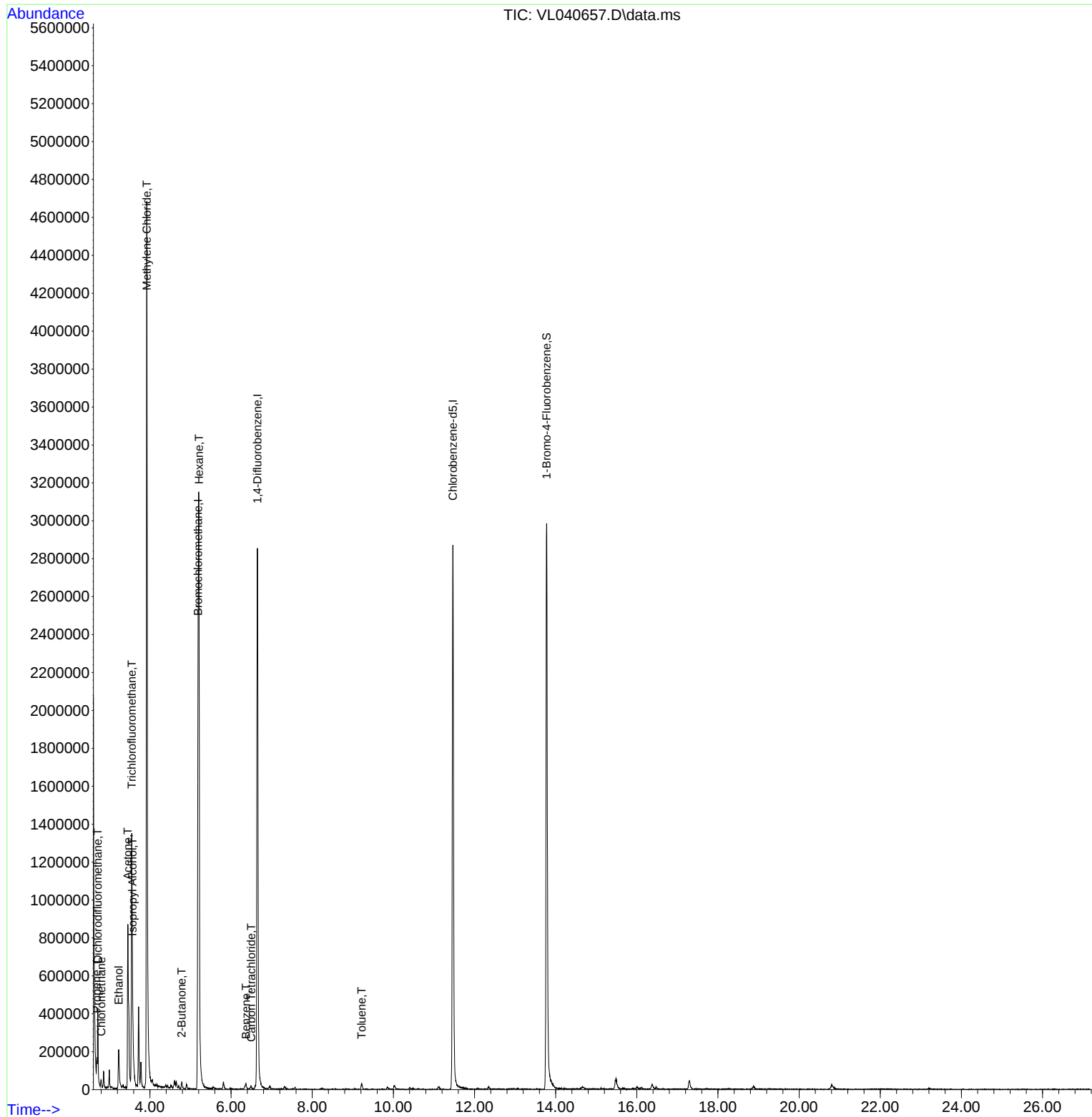
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
Data File : VL040657.D
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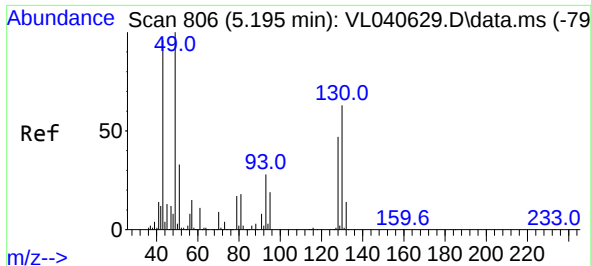
Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Sep 06 02:08:08 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

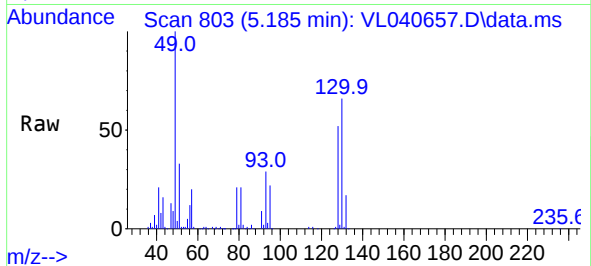
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

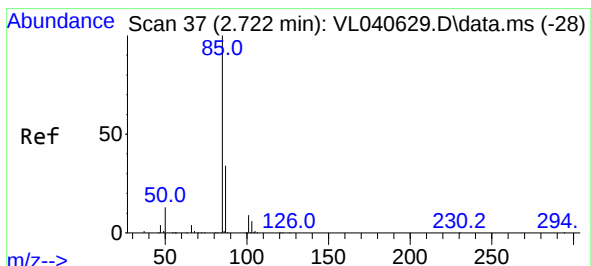
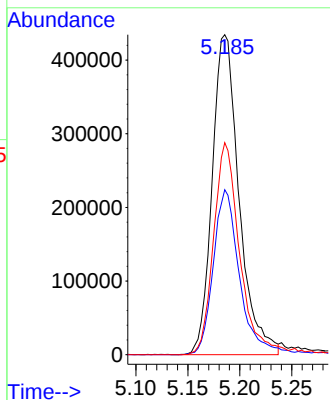
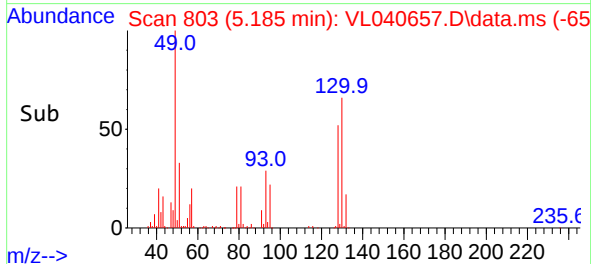
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 782938
Ion Ratio Lower Upper
49 100
128 51.6 24.9 74.7
130 66.9 32.2 96.6

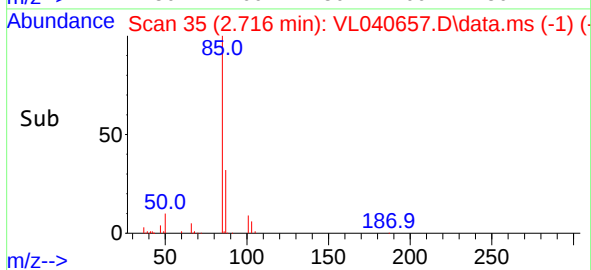
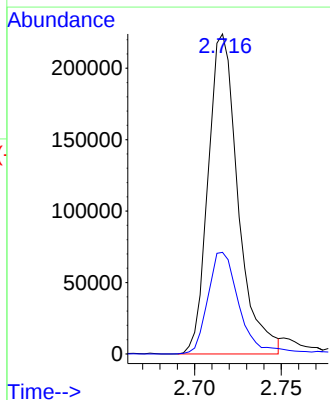
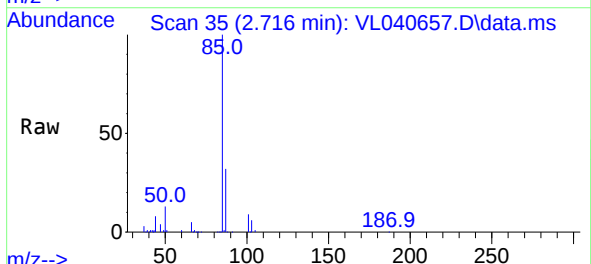
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Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

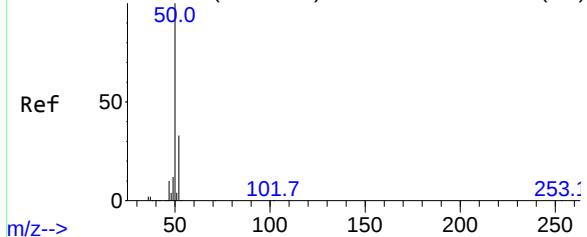


#2
Dichlorodifluoromethane
Concen: 1.595 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.006 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

Tgt Ion: 85 Resp: 268998
Ion Ratio Lower Upper
85 100
87 31.7 27.5 41.3



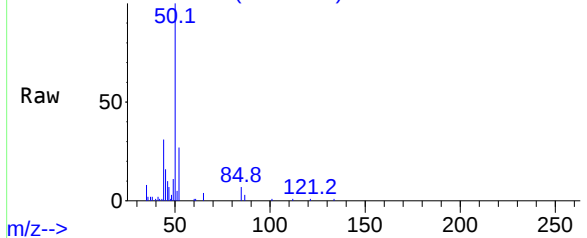
Abundance Scan 63 (2.806 min): VL040629.D\data.ms (-54)



#4
Chloromethane
Concen: 0.495 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

Instrument :
MSVOA_L
ClientSampleId :
IA1

Abundance Scan 61 (2.800 min): VL040657.D\data.ms

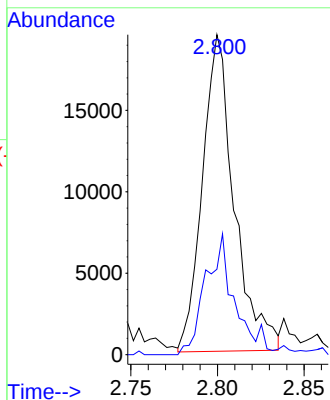
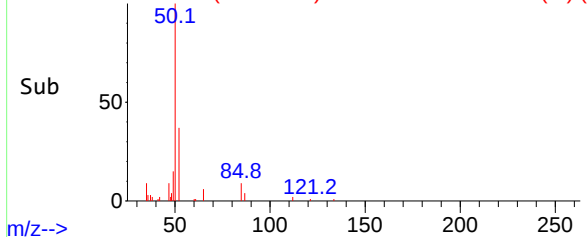


Tgt Ion: 50 Resp: 24790
Ion Ratio Lower Upper
50 100
52 27.3 26.2 39.2

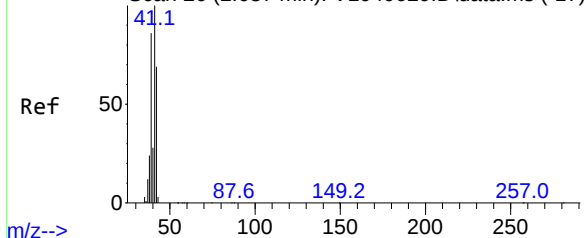
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Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

Abundance Scan 61 (2.800 min): VL040657.D\data.ms (-1) (-



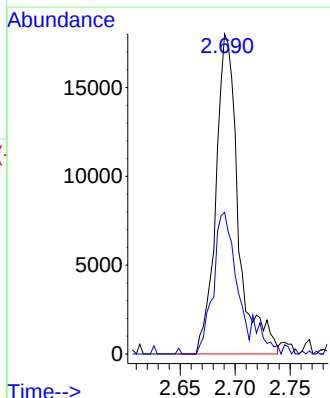
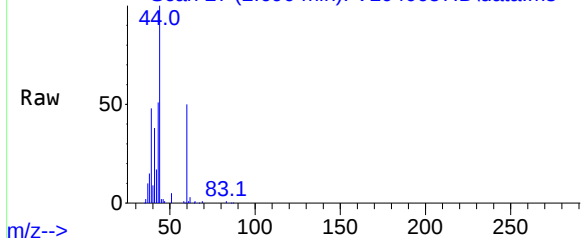
Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



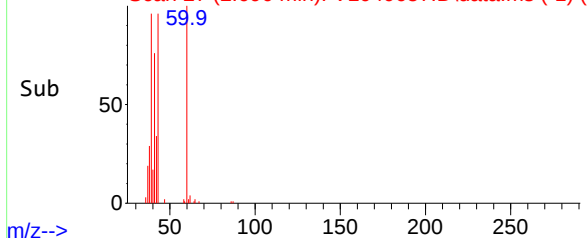
#9
Propene
Concen: 0.642 ppbv m
RT: 2.690 min Scan# 27
Delta R.T. 0.003 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

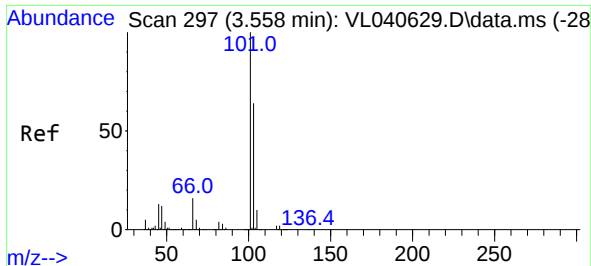
Tgt Ion: 41 Resp: 25584
Ion Ratio Lower Upper
41 100
42 2.3 56.5 84.7#

Abundance Scan 27 (2.690 min): VL040657.D\data.ms



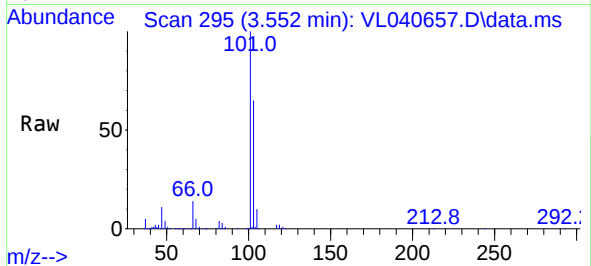
Abundance Scan 27 (2.690 min): VL040657.D\data.ms (-1) (-





#11
Trichlorofluoromethane
Concen: 6.255 ppbv
RT: 3.552 min Scan# 297
Delta R.T. -0.006 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

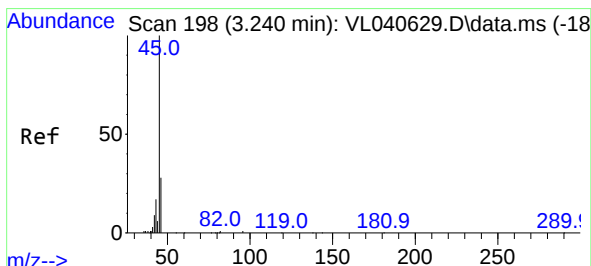
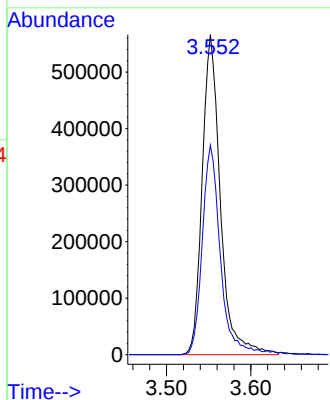
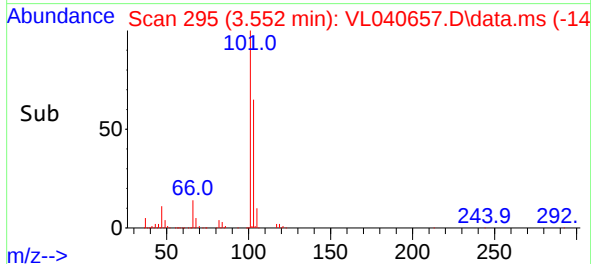
Instrument :
MSVOA_L
ClientSampleId :
IA1



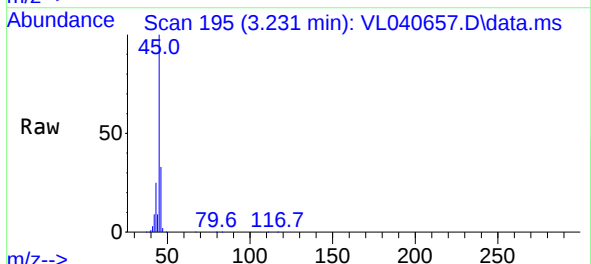
Tgt Ion:101 Resp: 851534
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7

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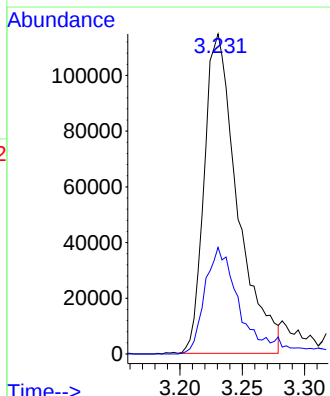
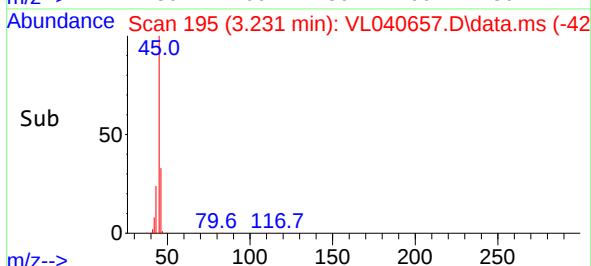
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

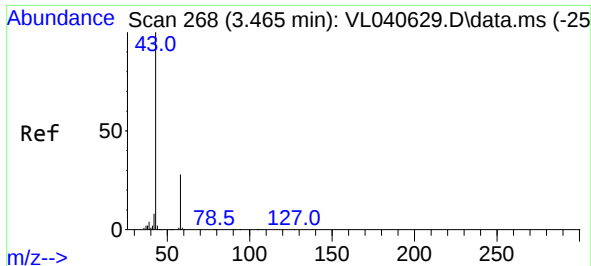


#13
Ethanol
Concen: 19.187 ppbv
RT: 3.231 min Scan# 195
Delta R.T. -0.010 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43



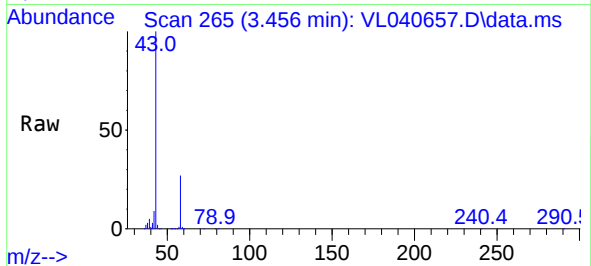
Tgt Ion: 45 Resp: 213293
Ion Ratio Lower Upper
45 100
46 37.5 14.2 56.6





#15
Acetone
Concen: 9.571 ppbv
RT: 3.456 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

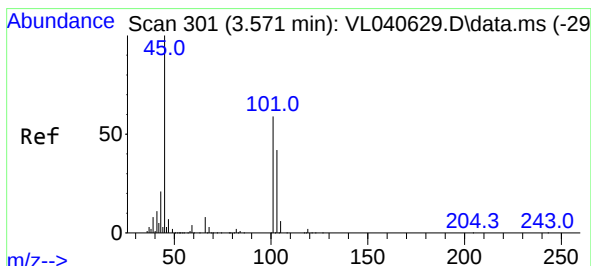
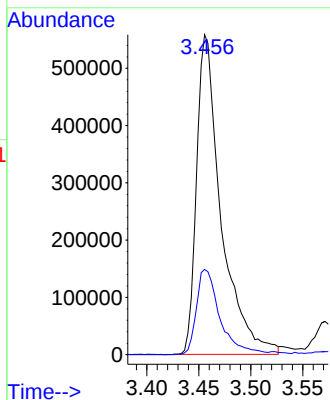
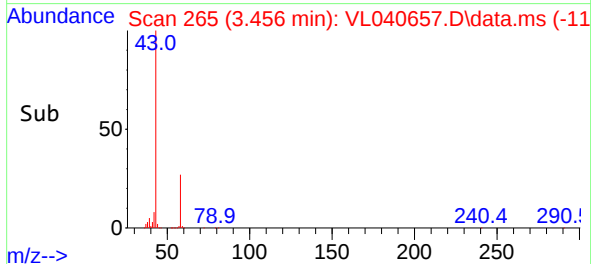
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 916554
Ion Ratio Lower Upper
43 100
58 26.2 22.4 33.6

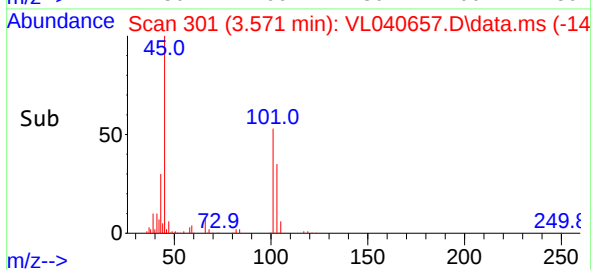
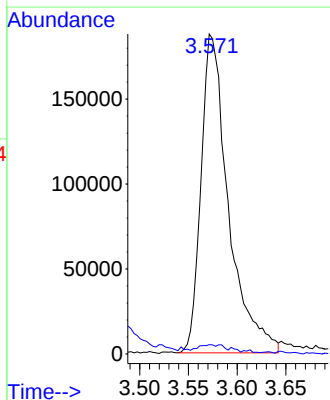
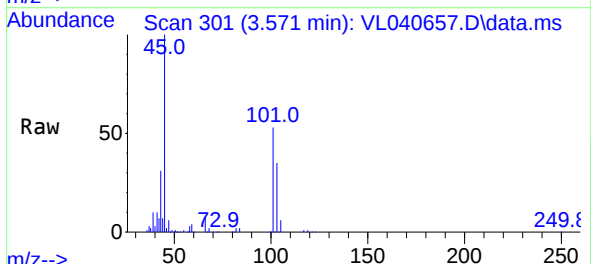
Manual Integrations
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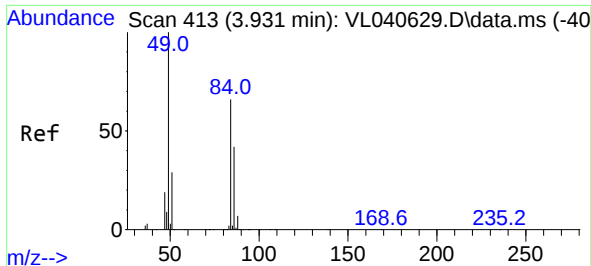
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#19
Isopropyl Alcohol
Concen: 6.038 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

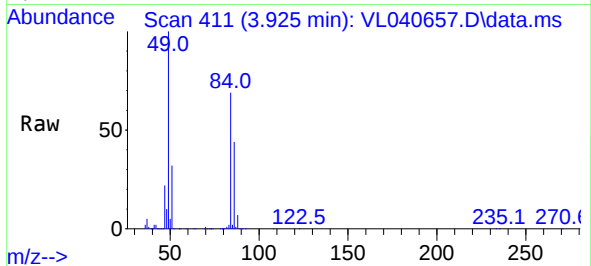
Tgt Ion: 45 Resp: 366616
Ion Ratio Lower Upper
45 100
58 3.4 1.9 2.9#





#20
Methylene Chloride
Concen: 35.338 ppbv
RT: 3.925 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

Instrument :
MSVOA_L
ClientSampleId :
IA1

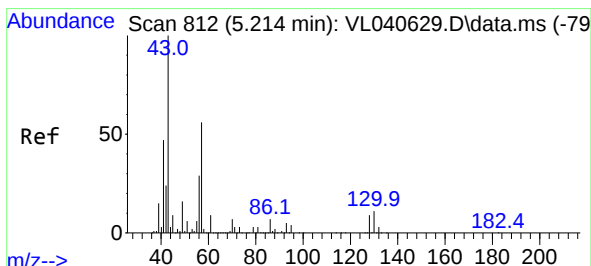
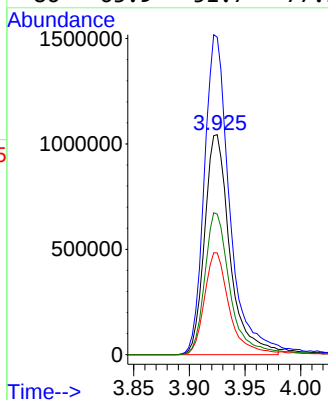


Tgt Ion: 84 Resp: 1653768

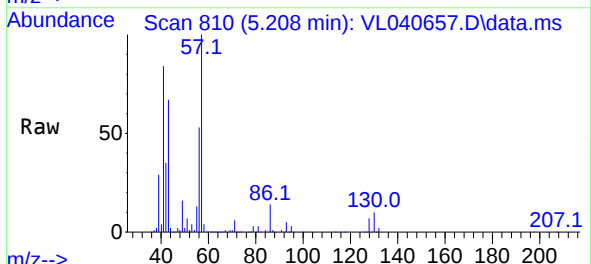
Ion	Ratio	Lower	Upper
84	100		
49	144.2	122.1	183.1
51	46.2	35.4	53.2
86	63.9	51.7	77.5

Manual Integrations
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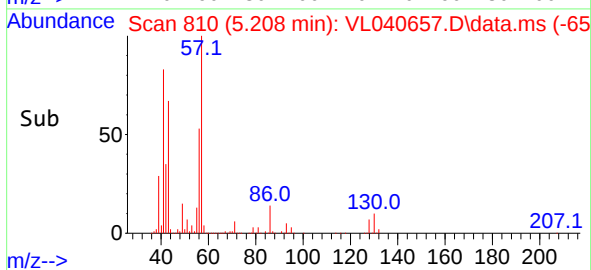
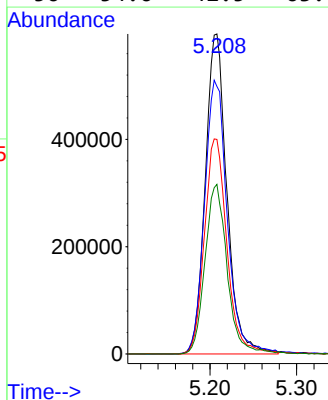


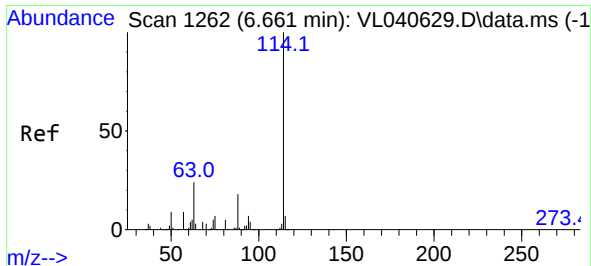
#26
Hexane
Concen: 11.891 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.006 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43



Tgt Ion: 57 Resp: 1034778

Ion	Ratio	Lower	Upper
57	100		
41	91.1	69.3	103.9
43	70.2	177.9	266.9#
56	54.6	42.5	63.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL040657.D

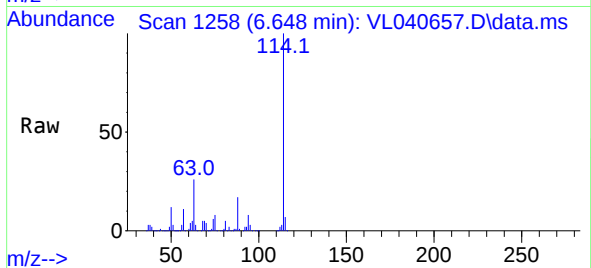
Acq: 5 Sep 2023 21:43

Instrument :

MSVOA_L

ClientSampleId :

IA1



Tgt Ion:114 Resp: 2031790

Ion Ratio Lower Upper

114 100

63 26.0 20.2 30.2

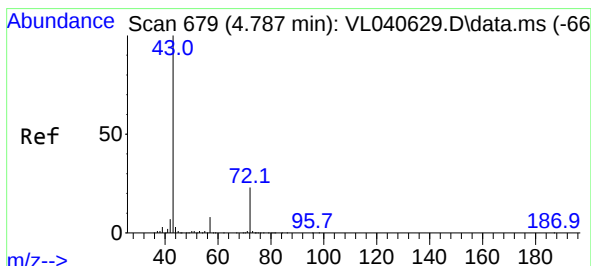
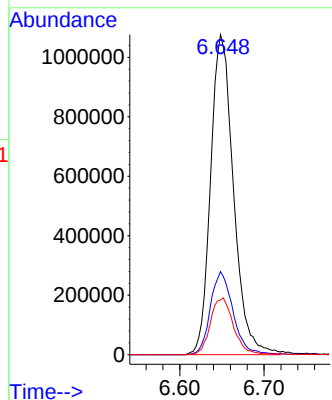
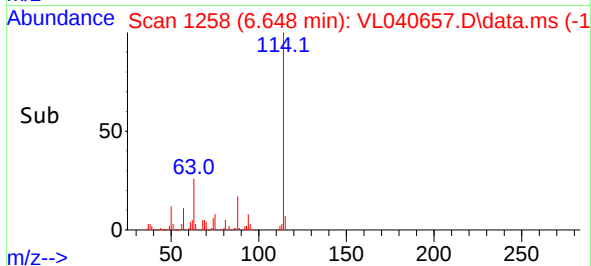
88 18.1 14.1 21.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#34

2-Butanone

Concen: 0.370 ppbv

RT: 4.784 min Scan# 678

Delta R.T. -0.003 min

Lab File: VL040657.D

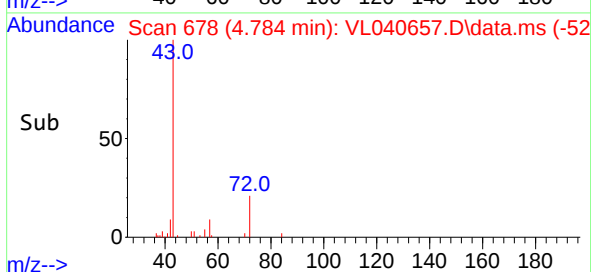
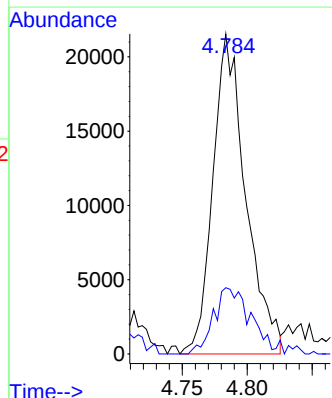
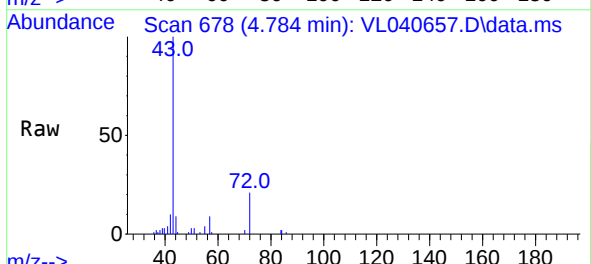
Acq: 5 Sep 2023 21:43

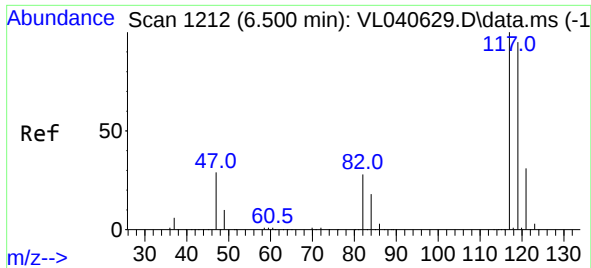
Tgt Ion: 43 Resp: 37867

Ion Ratio Lower Upper

43 100

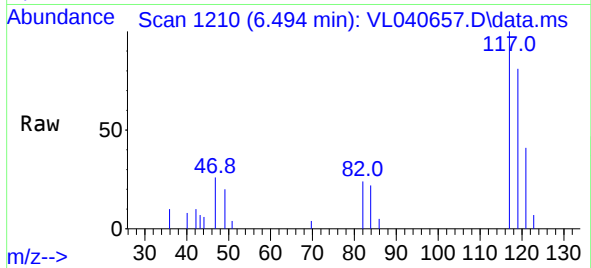
72 23.7 19.2 28.8





#35
Carbon Tetrachloride
Concen: 0.078 ppbv m
RT: 6.494 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43

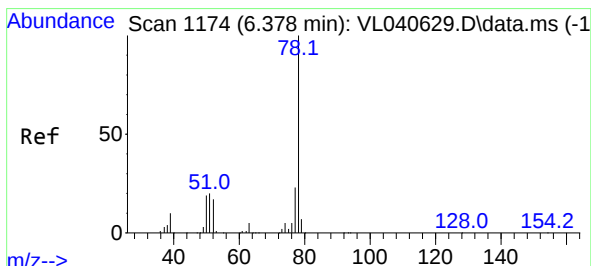
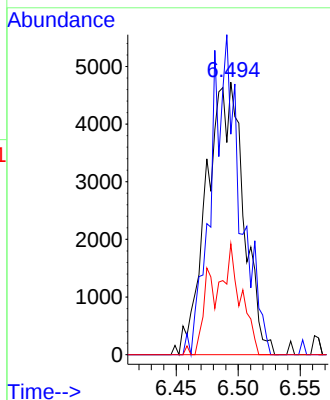
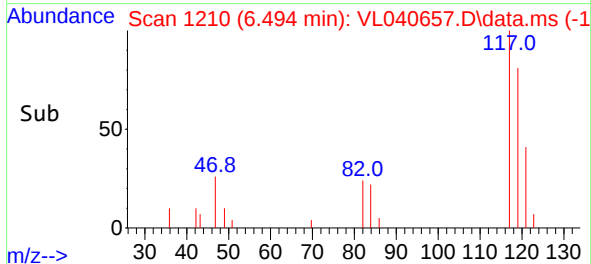
Instrument :
MSVOA_L
ClientSampleId :
IA1



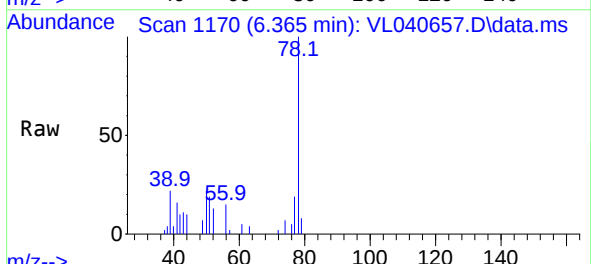
Tgt Ion: 117 Resp: 9850
Ion Ratio Lower Upper
117 100
119 80.9 75.6 113.4
121 40.7 24.9 37.3

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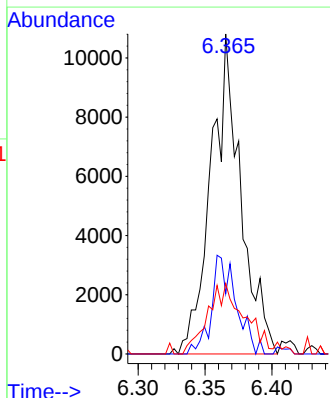
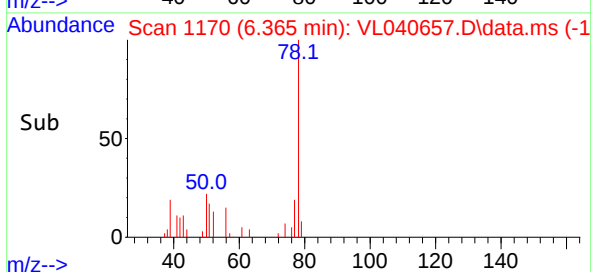
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

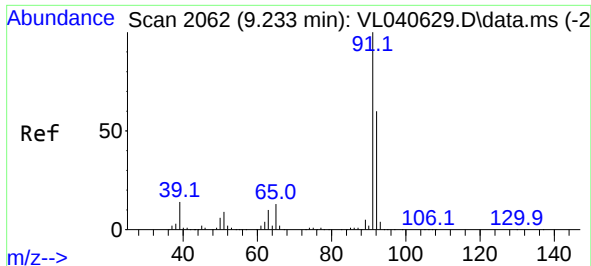


#36
Benzene
Concen: 0.104 ppbv m
RT: 6.365 min Scan# 1170
Delta R.T. -0.013 min
Lab File: VL040657.D
Acq: 5 Sep 2023 21:43



Tgt Ion: 78 Resp: 16743
Ion Ratio Lower Upper
78 100
77 18.8 18.2 27.2
50 22.0 15.0 22.6





#53

Toluene

Concen: 0.127 ppbv m

RT: 9.217 min Scan# 2062

Delta R.T. -0.016 min

Lab File: VL040657.D

Acq: 5 Sep 2023 21:43

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 91 Resp: 21778

Ion Ratio Lower Upper

91 100

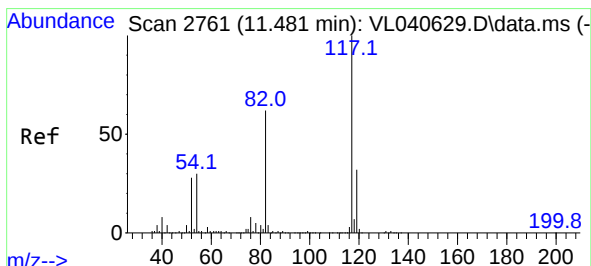
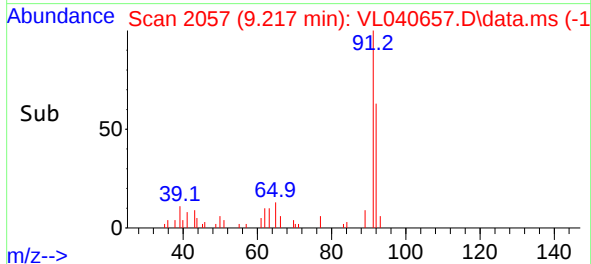
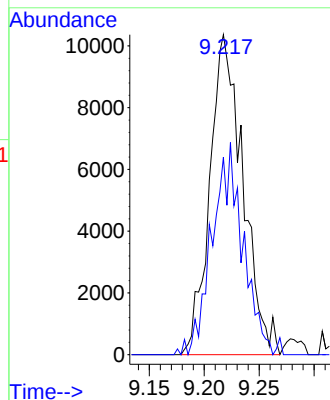
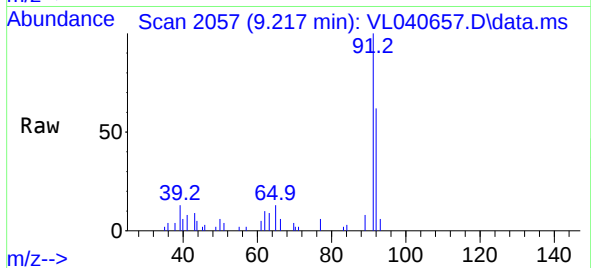
92 61.3 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. -0.013 min

Lab File: VL040657.D

Acq: 5 Sep 2023 21:43

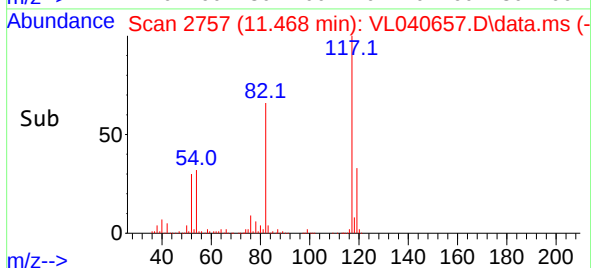
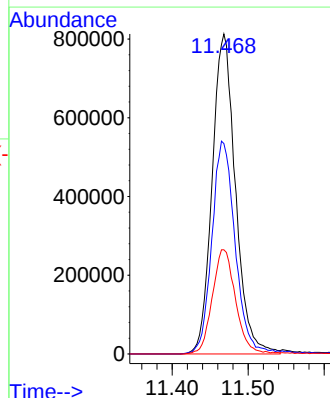
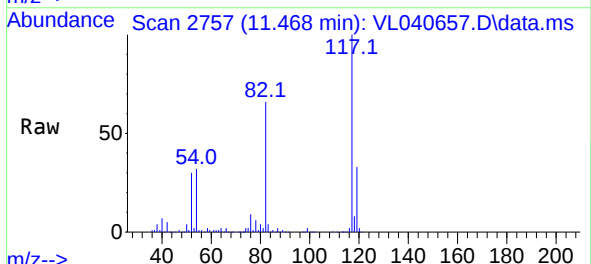
Tgt Ion:117 Resp: 1730708

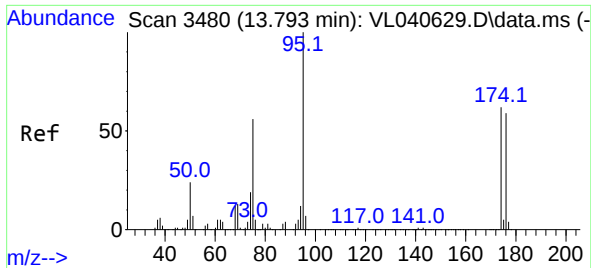
Ion Ratio Lower Upper

117 100

82 67.6 49.5 74.3

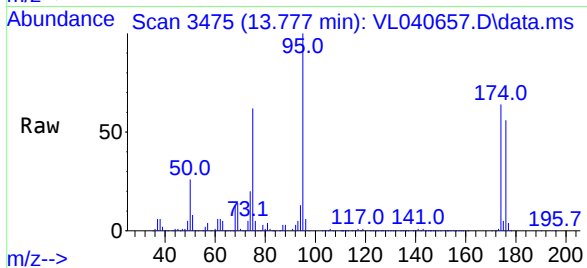
119 33.1 24.5 36.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.158 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. -0.016 min
 Lab File: VL040657.D
 Acq: 5 Sep 2023 21:43

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 95 Resp: 139813
 Ion Ratio Lower Upper
 95 100
 174 63.6 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

