

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038190.D
 Acq On : 19 Nov 2024 20:34
 Operator : SY/MD
 Sample : P4882-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

Quant Time: Nov 20 00:40:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	229074	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	252340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	110050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80559	4.588	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.526	69	75882	5.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.053	65	36682	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.780	46	194020	55.238	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.480%
24) Chloroform-d	4.240	84	179207	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	4.937	65	88208	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	4.950	84	324602	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	5.982	67	111414	5.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.236	98	267034	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	36572	4.902	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.018	63	182349	62.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93985	5.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.555	152	106330	5.671	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	24574	1.134	ug/L	98
3) Chloromethane	1.214	50	10667	0.572	ug/L	98
9) Trichlorofluoromethane	1.709	101	6760	0.225	ug/L	94
12) 1,1-Dichloroethene	2.060	96	4761	0.291	ug/L #	1
16) Methylene chloride	2.439	84	16847	0.903	ug/L	94
17) Methyl tert-butyl Ether	2.700	73	54662	1.478	ug/L	98
19) 1,1-Dichloroethane	3.108	63	4282	0.137	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	43452	2.438	ug/L	98
25) Chloroform	4.269	83	12099	0.361	ug/L	99
27) 1,2-Dichloroethane	5.066	62	7018m	0.385	ug/L	
29) 1,1,1-Trichloroethane	4.507	97	25932	0.857	ug/L	99
34) Trichloroethene	5.822	95	1590792	82.330	ug/L	98
42) Toluene	7.323	91	15359	0.205	ug/L	94
47) Tetrachloroethene	7.896	164	395175	25.452	ug/L	99
51) Chlorobenzene	8.809	112	9159	0.177	ug/L #	89

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

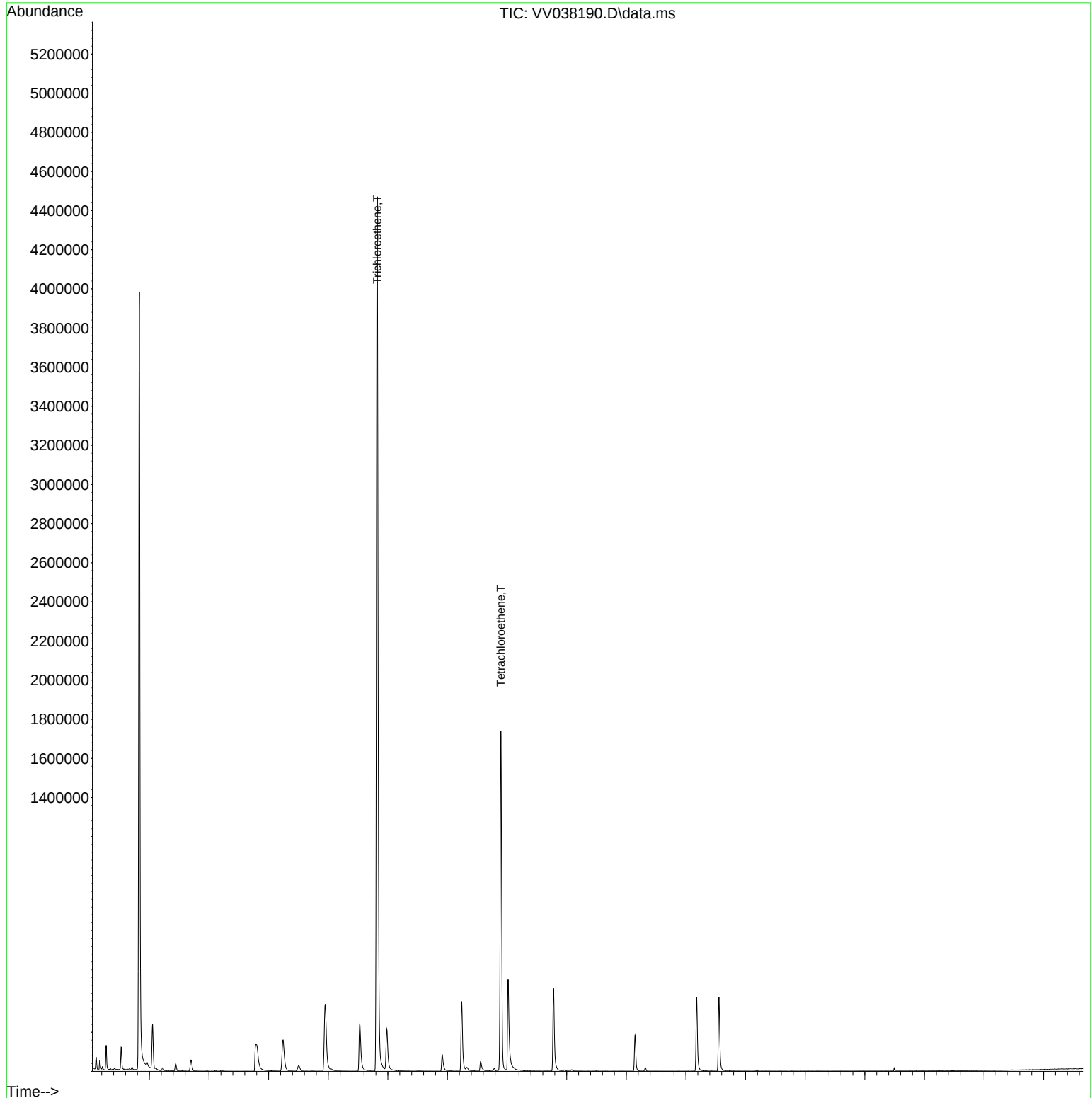
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
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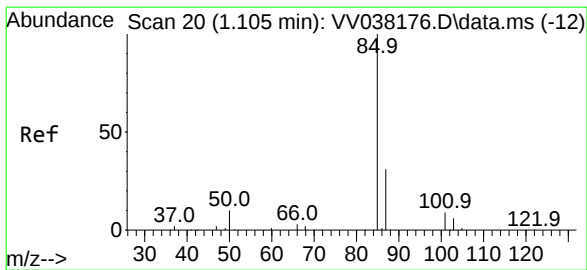
Instrument :
MSVOA_V
ClientSampleId :
BG3J4

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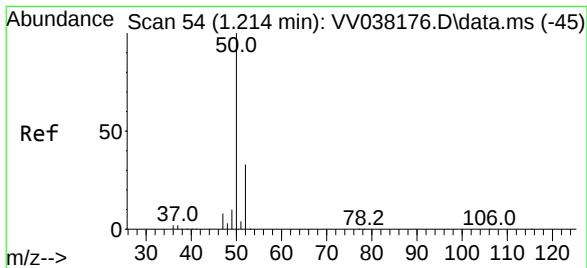
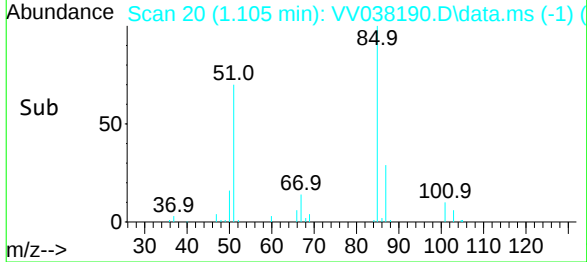
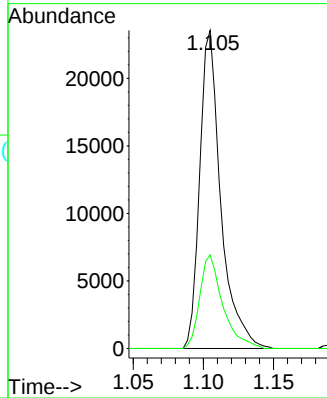
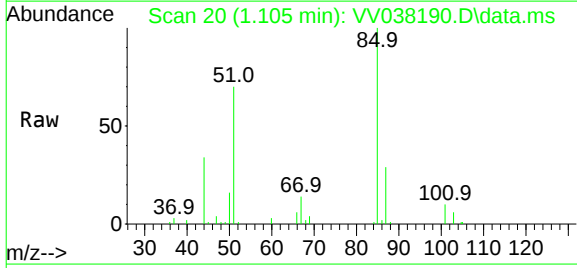
#2
Dichlorodifluoromethane
Concen: 1.134 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Instrument :
MSVOA_V
ClientSampleId :
BG3J4

Tgt Ion: 85 Resp: 24574
Ion Ratio Lower Upper
85 100
87 32.1 26.5 39.7

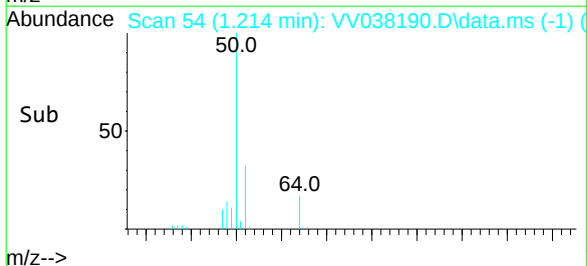
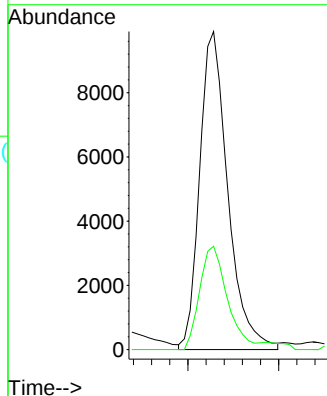
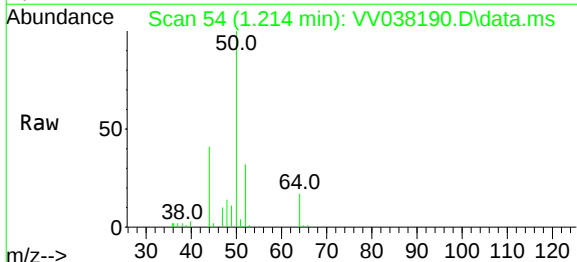
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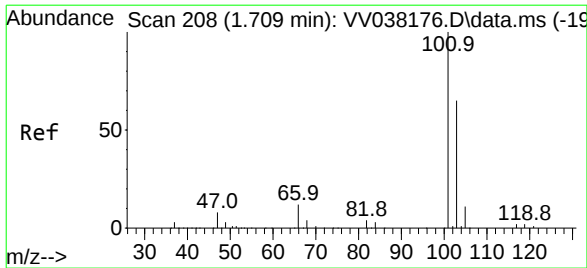
Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024



#3
Chloromethane
Concen: 0.572 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

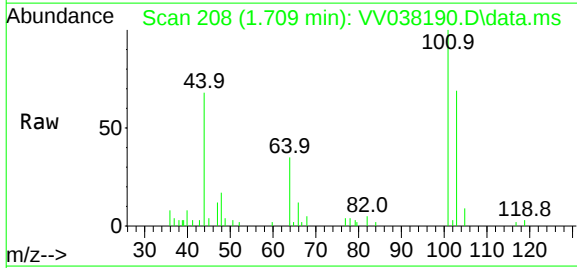
Tgt Ion: 50 Resp: 10667
Ion Ratio Lower Upper
50 100
52 32.5 23.5 43.7





#9
Trichlorofluoromethane
Concen: 0.225 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

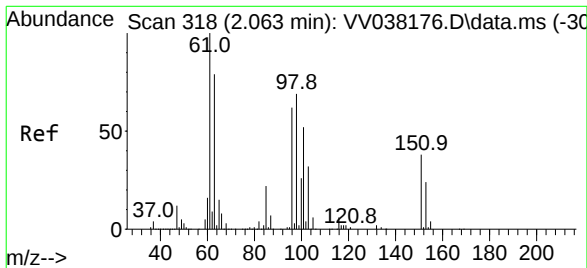
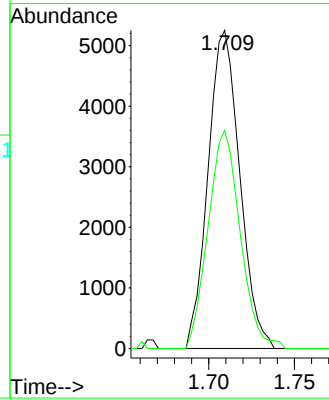
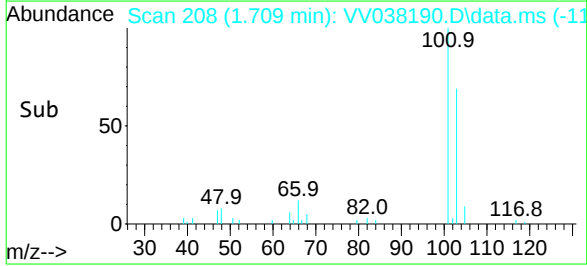
Instrument :
MSVOA_V
ClientSampleId :
BG3J4



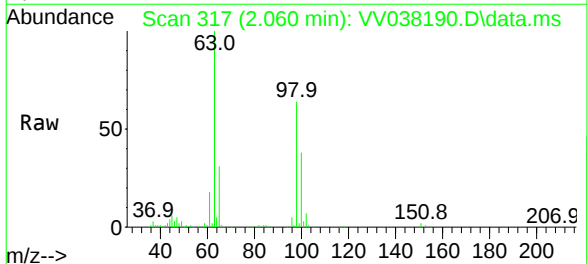
Tgt Ion: 101 Resp: 6760
Ion Ratio Lower Upper
101 100
103 69.3 51.5 77.3

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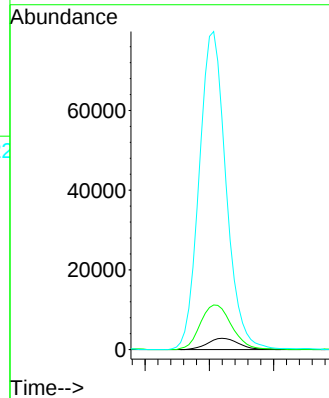
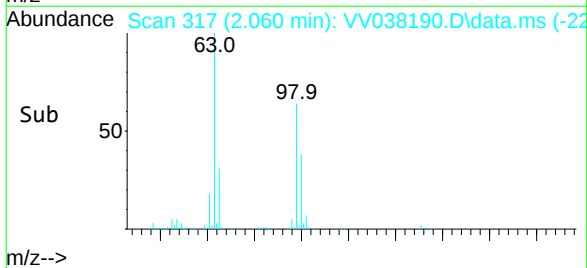
Reviewed By :Mahesh Dadoda 11/21/2024
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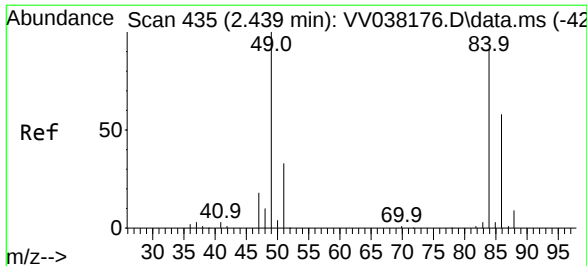


#12
1,1-Dichloroethene
Concen: 0.291 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34



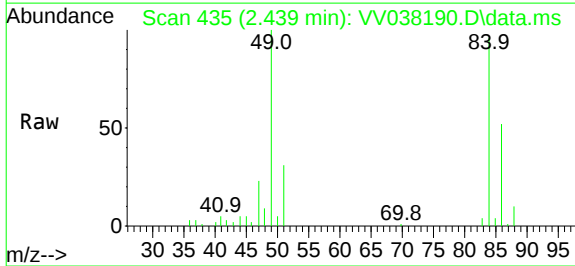
Tgt Ion: 96 Resp: 4761
Ion Ratio Lower Upper
96 100
61 361.9 115.7 214.9#
63 2052.1 101.1 187.7#





#16
Methylene chloride
Concen: 0.903 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

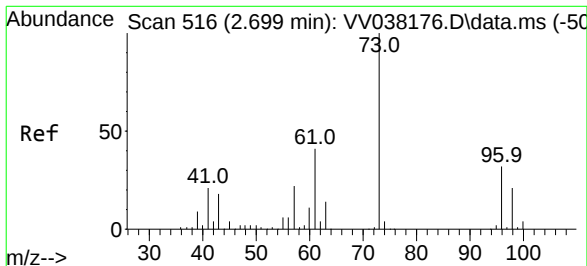
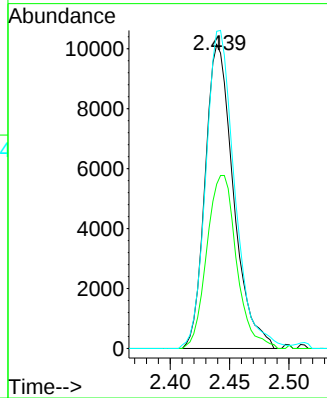
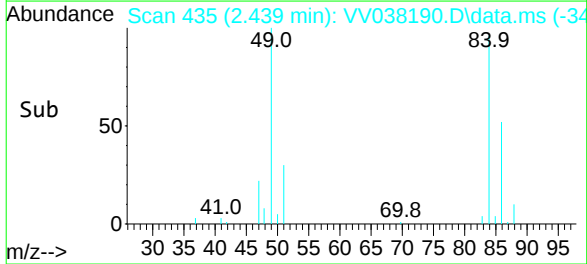
Instrument :
MSVOA_V
ClientSampleId :
BG3J4



Tgt Ion: 84 Resp: 16847
Ion Ratio Lower Upper
84 100
86 54.1 44.2 82.2
49 104.4 74.9 139.1

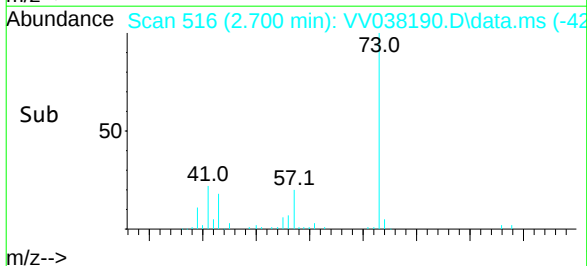
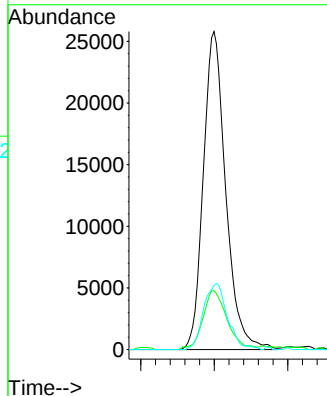
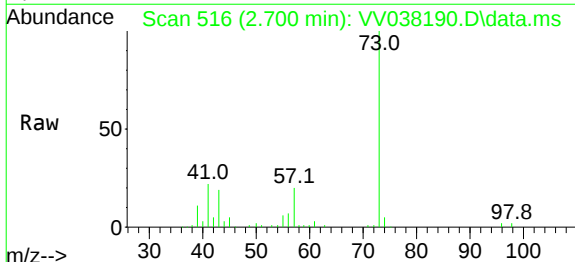
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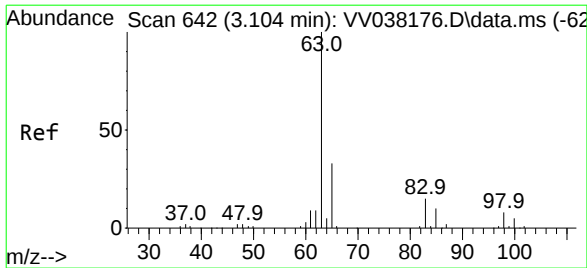
Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024



#17
Methyl tert-butyl Ether
Concen: 1.478 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

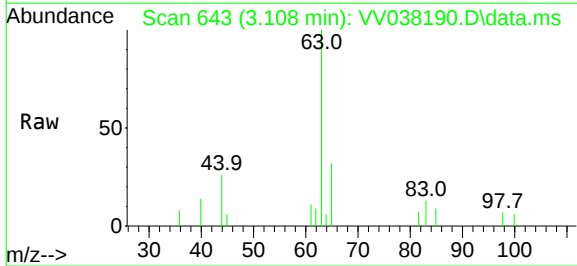
Tgt Ion: 73 Resp: 54662
Ion Ratio Lower Upper
73 100
43 20.0 14.2 21.2
57 22.0 17.6 26.4





#19
1,1-Dichloroethane
Concen: 0.137 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

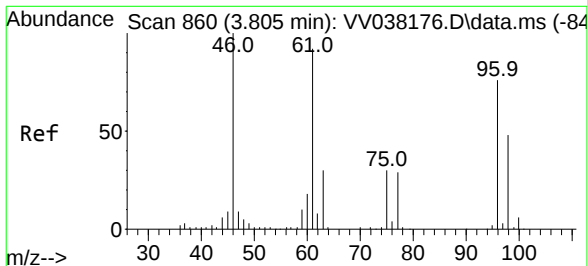
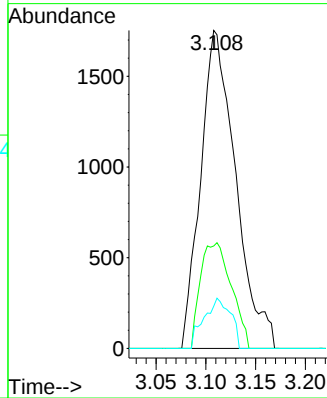
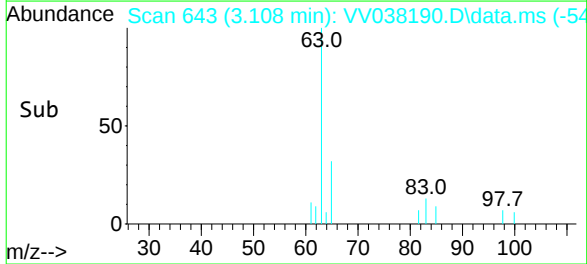
Instrument :
MSVOA_V
ClientSampleId :
BG3J4



Tgt Ion: 63 Resp: 4282
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.7
83 13.3 10.1 18.9

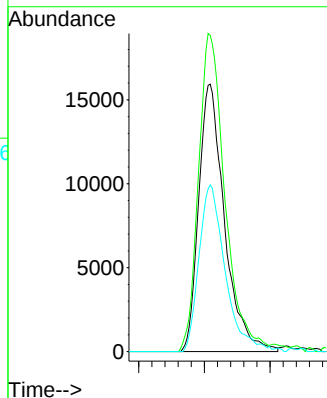
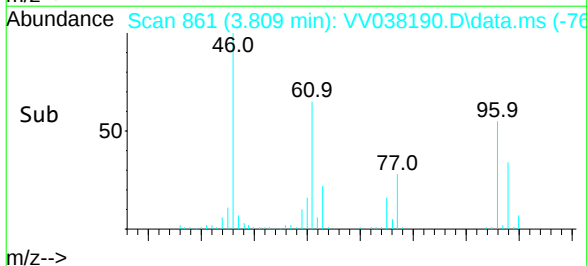
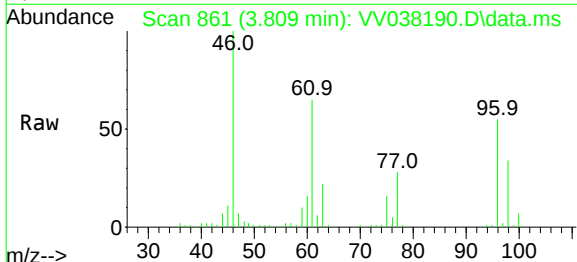
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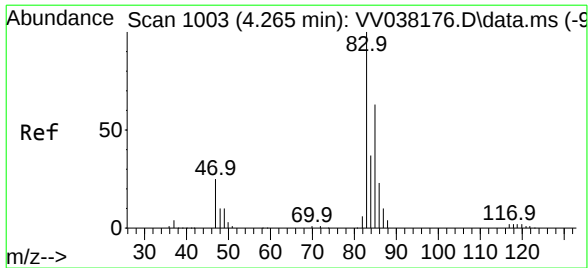
Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024



#22
cis-1,2-Dichloroethene
Concen: 2.438 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

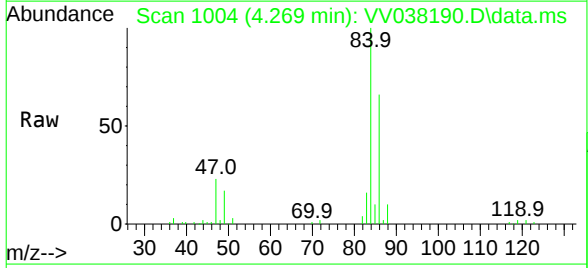
Tgt Ion: 96 Resp: 43452
Ion Ratio Lower Upper
96 100
61 118.3 82.7 153.5
98 62.3 46.3 85.9





#25
Chloroform
Concen: 0.361 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

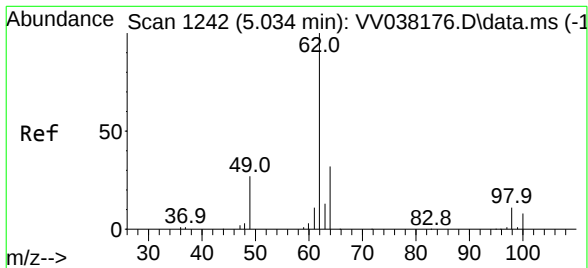
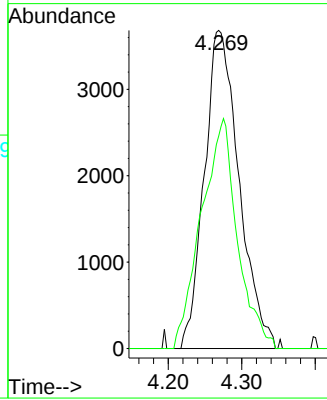
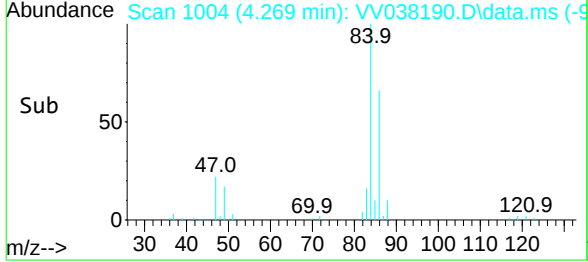
Instrument :
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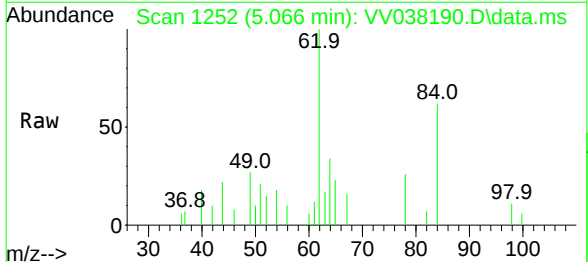
Tgt Ion: 83 Resp: 12099
Ion Ratio Lower Upper
83 100
85 66.8 46.5 86.3

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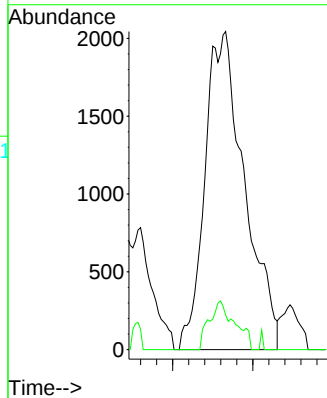
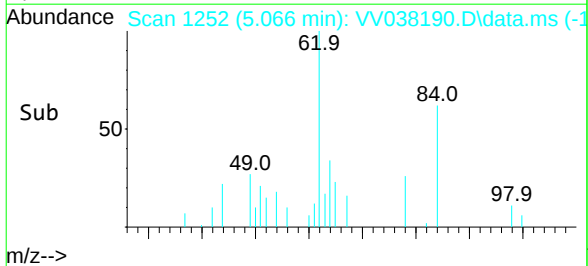
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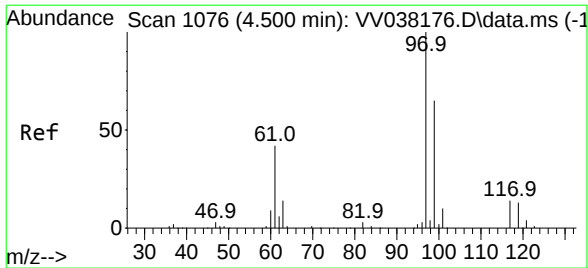


#27
1,2-Dichloroethane
Concen: 0.385 ug/L m
RT: 5.066 min Scan# 1252
Delta R.T. 0.032 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34



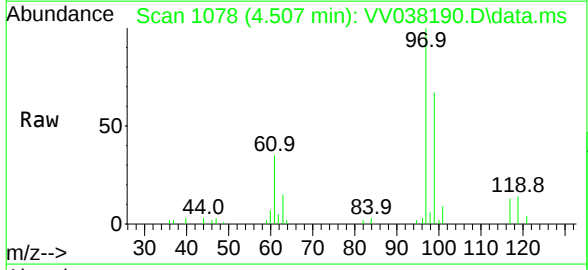
Tgt Ion: 62 Resp: 7018
Ion Ratio Lower Upper
62 100
98 10.9 8.2 12.4





#29
 1,1,1-Trichloroethane
 Concen: 0.857 ug/L
 RT: 4.507 min Scan# 1076
 Delta R.T. 0.007 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

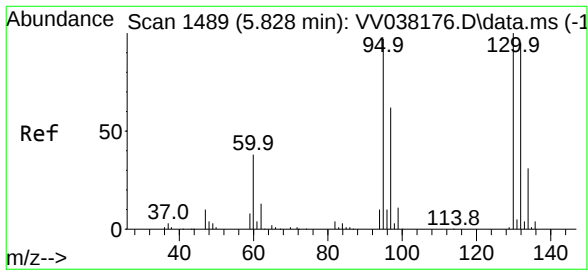
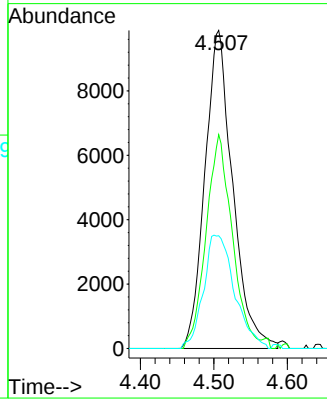
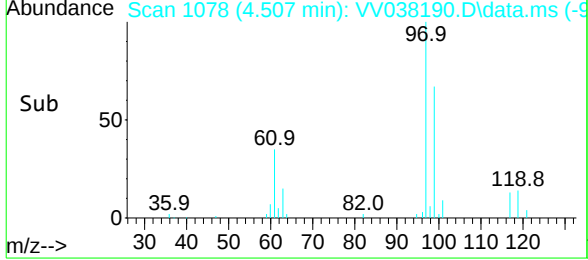
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J4



Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.8
61	39.9	32.2	48.2

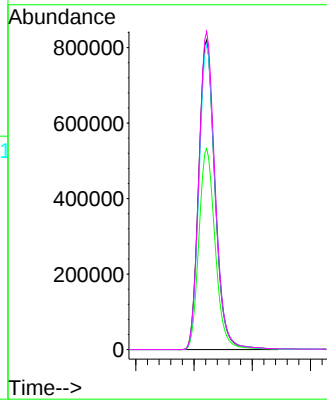
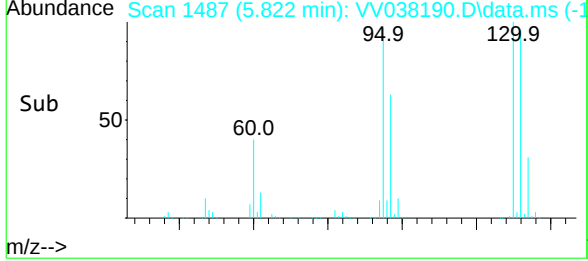
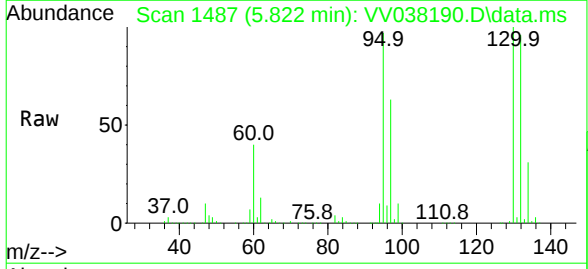
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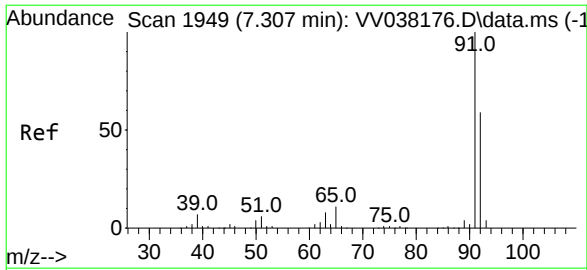
Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024



#34
 Trichloroethene
 Concen: 82.330 ug/L
 RT: 5.822 min Scan# 1487
 Delta R.T. -0.006 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

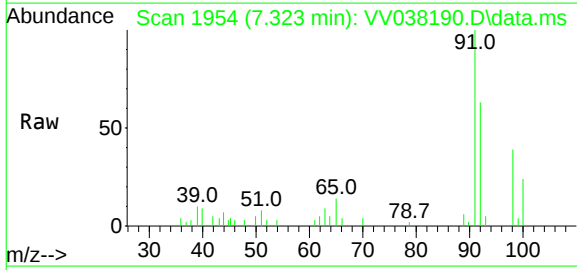
Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	98.5	68.3	126.8
130	102.7	70.2	130.4





#42
Toluene
Concen: 0.205 ug/L
RT: 7.323 min Scan# 19
Delta R.T. 0.016 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

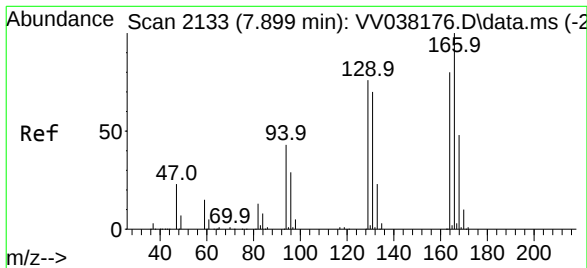
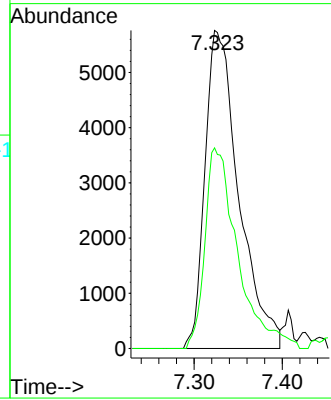
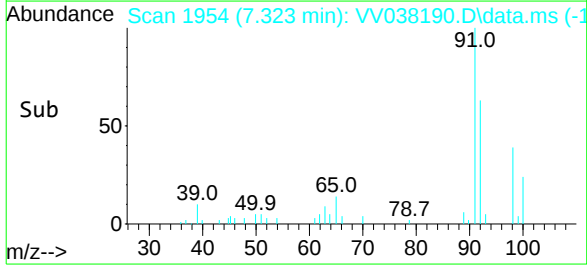
Instrument :
MSVOA_V
ClientSampleId :
BG3J4



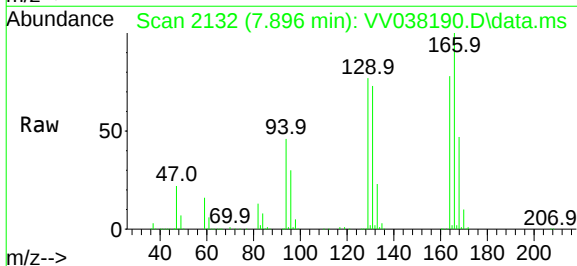
Tgt Ion: 91 Resp: 15359
Ion Ratio Lower Upper
91 100
92 63.1 40.8 75.8

Manual Integrations
APPROVED

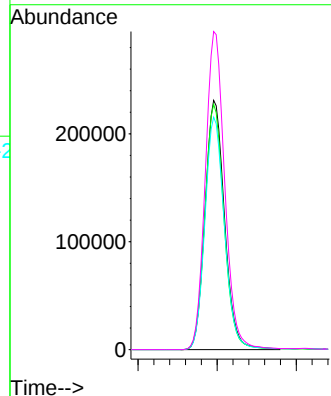
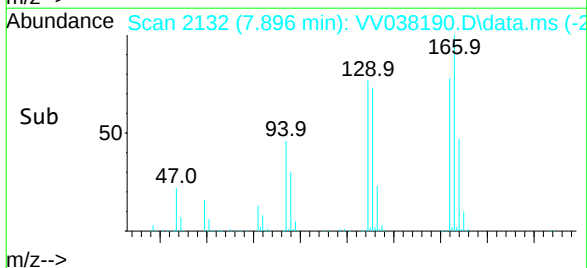
Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024

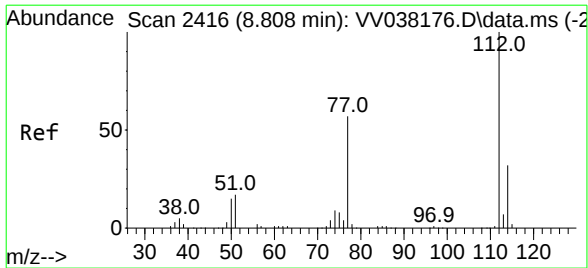


#47
Tetrachloroethene
Concen: 25.452 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34



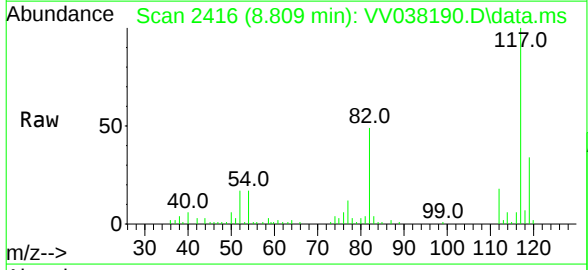
Tgt Ion:164 Resp: 395175
Ion Ratio Lower Upper
164 100
129 98.4 68.5 127.1
131 93.3 64.8 120.4
166 127.6 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.177 ug/L
 RT: 8.809 min Scan# 2416
 Delta R.T. 0.000 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

Instrument : MSVOA_V
 ClientSampleId : BG3J4



Tgt Ion:	112	Resp:	9159
Ion Ratio	Lower	Upper	
112	100		
114	30.9	22.0	40.8
77	68.2	45.0	67.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

