

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041081.D
 Acq On : 11 Mar 2024 10:27
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Mar 12 05:48:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Mar 12 05:47:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/12/2024
 Supervised By : Mahesh Dadoda 03/12/2024

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

Internal Standards						
1) Bromochloromethane	5.201	49	1216439	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3455865	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	3129832	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.796	95	2505893	10.240	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.726	85	145799	0.629	ppbv	94
3) Chlorodifluoromethane	2.668	51	110838	0.620	ppbv	98
4) Chloromethane	2.812	50	43264	0.640	ppbv #	85
5) Vinyl Chloride	2.918	62	41057	0.597	ppbv	96
6) Bromomethane	3.121	94	16320	0.598	ppbv	87
7) Chloroethane	3.195	64	14846m	0.613	ppbv	
8) Dichlorotetrafluoroethane	2.854	85	109126	0.648	ppbv	94
9) Propene	2.687	41	35198	0.592	ppbv	93
10) Heptane	7.590	43	69239m	0.486	ppbv	
11) Trichlorofluoromethane	3.562	101	116845	0.654	ppbv	91
12) 1,1,2-Trichlorotrifluo...	4.066	101	80082	0.609	ppbv	96
13) Ethanol	3.253	45	10185m	0.677	ppbv	
14) Bromoethene	3.365	108	33622m	0.656	ppbv	
15) Acetone	3.481	43	101293	0.731	ppbv	91
16) 1,3-Butadiene	2.986	39	31713	0.486	ppbv	87
17) tert-Butyl alcohol	3.896	59	59310	0.576	ppbv	99
18) 1,1-Dichloroethene	3.880	96	35886m	0.620	ppbv	
19) Isopropyl Alcohol	3.597	45	39141	0.529	ppbv #	83
20) Methylene Chloride	3.938	84	39367	0.729	ppbv #	78
21) Allyl Chloride	3.999	41	41398	0.529	ppbv #	87
22) trans-1,2-Dichloroethene	4.449	96	33129m	0.481	ppbv	
23) Vinyl Acetate	4.635	43	68672m	0.446	ppbv	
24) 1,1-Dichloroethane	4.571	63	74634	0.527	ppbv	98
25) Ethyl Acetate	5.217	43	128965m	0.517	ppbv	
26) Hexane	5.224	57	53480	0.478	ppbv	85
27) Carbon Disulfide	4.134	76	71216m	0.532	ppbv	
28) Methyl tert-Butyl Ether	4.603	73	46588	0.472	ppbv	97
29) Chloroform	5.282	83	107682	0.559	ppbv	100
30) Cyclohexane	6.613	84	50630m	0.553	ppbv	
31) cis-1,2-Dichloroethene	5.086	61	55130m	0.508	ppbv	
32) 1,1,1-Trichloroethane	6.015	97	100363	0.582	ppbv	97
34) 2-Butanone	4.803	43	90699m	0.529	ppbv	
35) Carbon Tetrachloride	6.504	117	101372	0.504	ppbv	94
36) Benzene	6.381	78	117634	0.457	ppbv	95
37) 1,2-Dichloroethane	5.812	62	79883m	0.516	ppbv	
38) Trichloroethene	7.304	130	45705	0.476	ppbv #	78
39) 1,2-Dichloropropane	7.089	63	51299m	0.499	ppbv	
40) 1,4-Dioxane	7.333	88	15702m	0.387	ppbv	
41) Tetrahydrofuran	5.594	42	44421m	0.436	ppbv	
42) Bromodichloromethane	7.262	83	102119	0.461	ppbv #	95
43) Methyl Methacrylate	7.491	69	40836m	0.411	ppbv	
44) 2,2,4-Trimethylpentane	7.340	57	195034	0.454	ppbv	92
45) t-1,3-Dichloropropene	8.722	75	23999m	0.348	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 05:48:09 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	32709m	0.380	ppbv	
47) 1,1,2-Trichloroethane	8.918	97	57209m	0.520	ppbv	
48) Dibromochloromethane	9.729	129	74951	0.418	ppbv	97
49) Bromoform	12.423	173	57613	0.405	ppbv	97
50) 4-Methyl-2-Pentanone	8.217	43	110153m	0.436	ppbv	
51) 2-Hexanone	9.587	43	74275m	0.397	ppbv	
52) Tetrachloroethene	10.629	164	41697m	0.521	ppbv	
53) Toluene	9.240	91	110000m	0.397	ppbv	
54) 1,2-Dibromoethane	10.028	107	64555	0.458	ppbv	85
56) 1,1,1,2-Tetrachloroethane	11.529	131	69041m	0.515	ppbv	
57) Chlorobenzene	11.539	112	116260m	0.519	ppbv	
58) Ethyl Benzene	12.108	91	146325	0.399	ppbv	90
59) m/p-Xylene	12.388	91	290261m	0.902	ppbv	
60) o-Xylene	13.076	91	128985	0.423	ppbv	100
61) Styrene	12.918	104	43639m	0.314	ppbv	
62) Isopropylbenzene	14.047	105	213526	0.470	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	130079	0.558	ppbv	100
64) n-propylbenzene	14.928	120	51487m	0.450	ppbv	
65) tert-Butylbenzene	16.111	119	180853m	0.459	ppbv	
66) Benzyl Chloride	16.349	91	10291m	0.388	ppbv	
67) sec-Butylbenzene	16.654	105	260908	0.460	ppbv	98
69) p-Isopropyltoluene	17.011	119	194909m	0.441	ppbv	
70) n-Butylbenzene	17.905	91	217256m	0.454	ppbv	
71) 2-Chlorotoluene	14.822	91	153830	0.443	ppbv	98
72) 4-Ethyltoluene	15.214	105	144995m	0.431	ppbv	
73) 1,3,5-Trimethylbenzene	15.378	105	133297m	0.448	ppbv	
74) 1,2,4-Trimethylbenzene	16.127	105	156957	0.462	ppbv	94
75) 1,3-Dichlorobenzene	16.349	146	94731	0.488	ppbv	96
76) 1,4-Dichlorobenzene	16.490	146	99135m	0.508	ppbv	
77) 1,2-Dichlorobenzene	17.166	146	94535m	0.493	ppbv	
78) Hexachloro-1,3-Butadiene	22.664	225	72646m	0.542	ppbv	
79) Naphthalene	21.416	128	76420m	0.382	ppbv	
80) Naphthalene,2-methyl-	24.416	142	7462m	0.286	ppbv	
81) 1,2,4-Trichlorobenzene	21.175	180	51619m	0.452	ppbv	

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

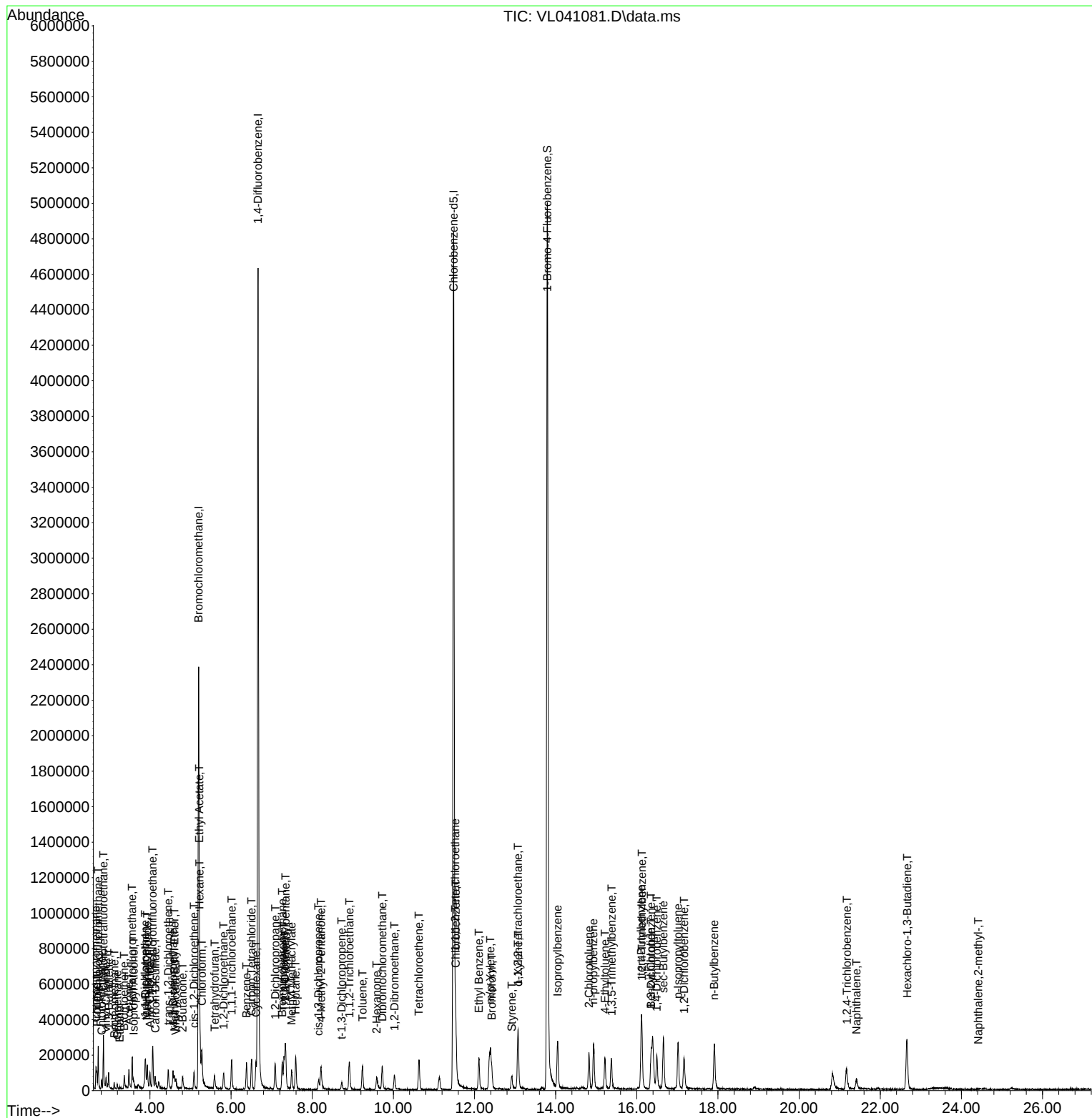
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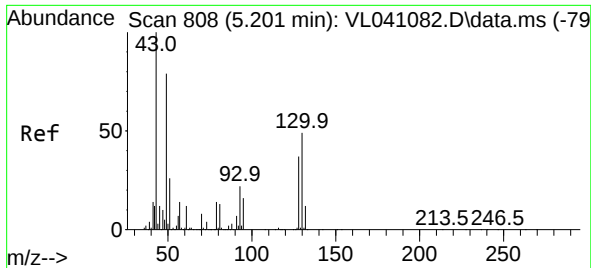
Instrument :
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 ClientSampleId :
 VSTDICC0.5

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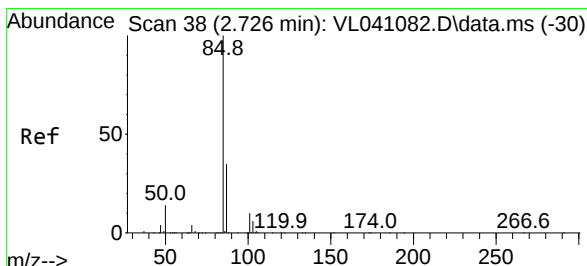
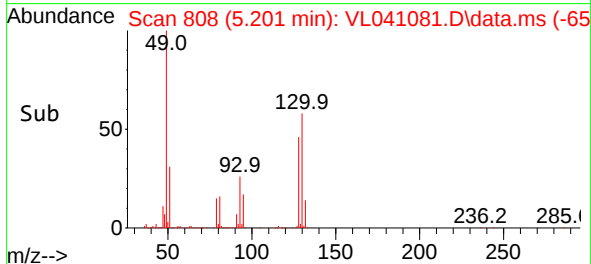
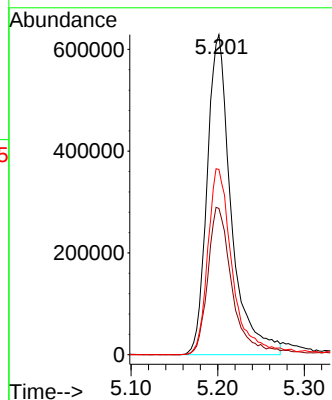
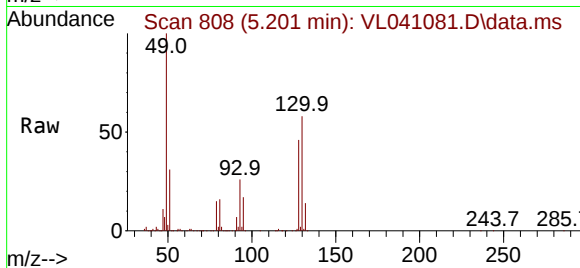
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 1216439
Ion Ratio Lower Upper
49 100
128 48.5 23.8 71.5
130 62.4 30.3 90.9

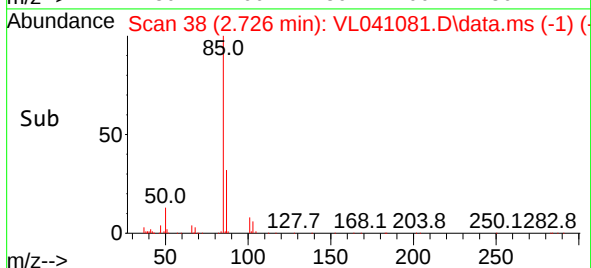
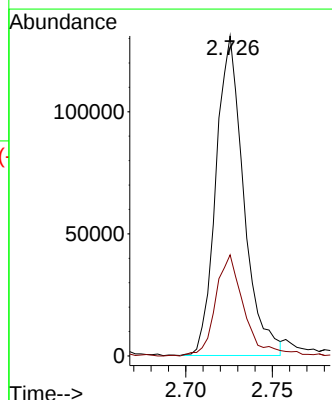
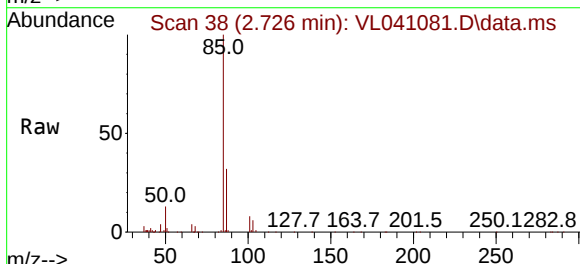
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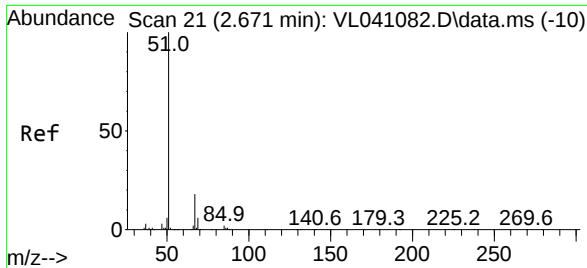
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#2
Dichlorodifluoromethane
Concen: 0.629 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 85 Resp: 145799
Ion Ratio Lower Upper
85 100
87 31.7 28.1 42.1





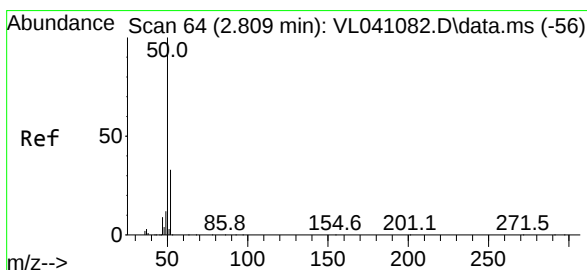
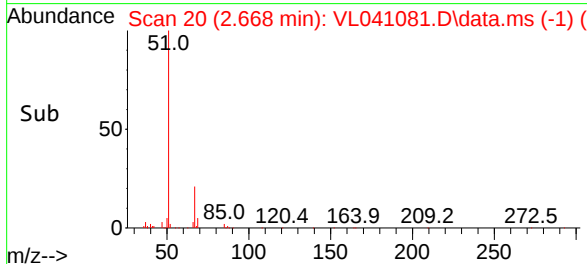
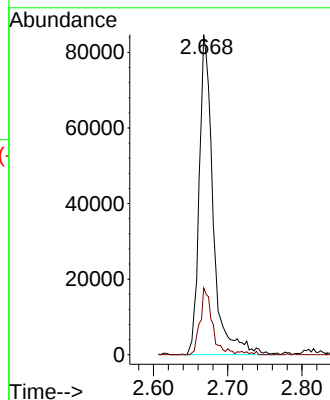
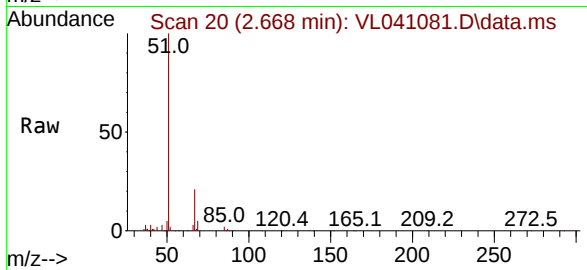
#3
Chlorodifluoromethane
Concen: 0.620 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 110838
Ion Ratio Lower Upper
51 100
67 19.1 14.5 21.7

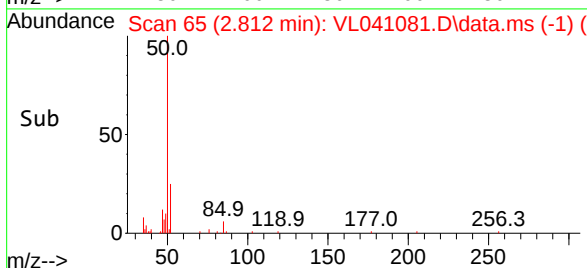
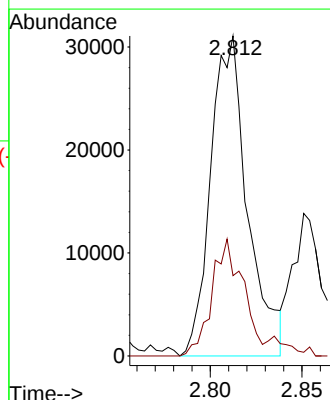
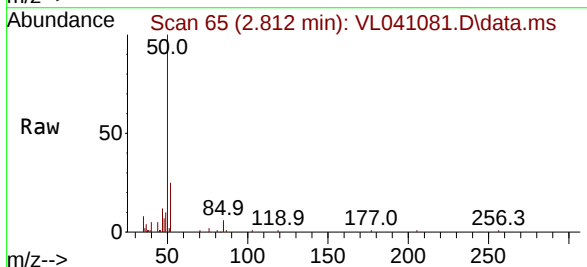
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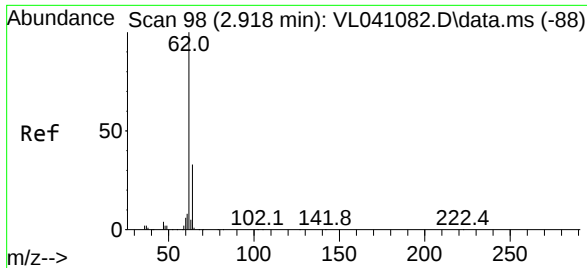
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#4
Chloromethane
Concen: 0.640 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

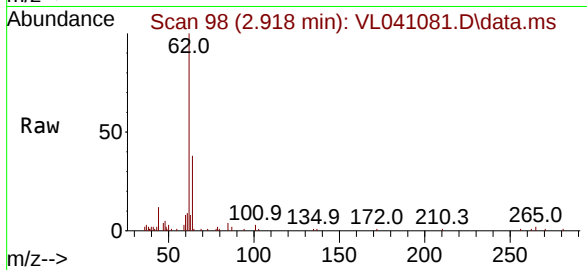
Tgt Ion: 50 Resp: 43264
Ion Ratio Lower Upper
50 100
52 24.6 26.6 40.0#





#5
 Vinyl Chloride
 Concen: 0.597 ppbv
 RT: 2.918 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

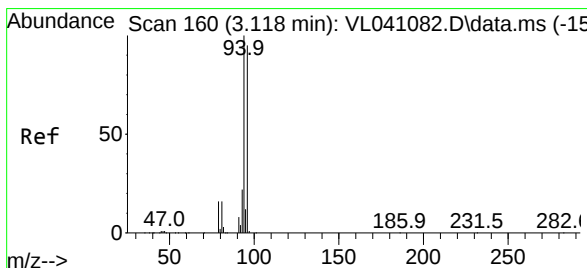
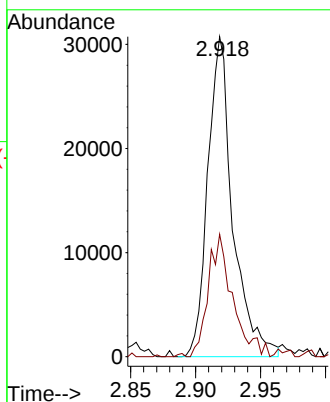
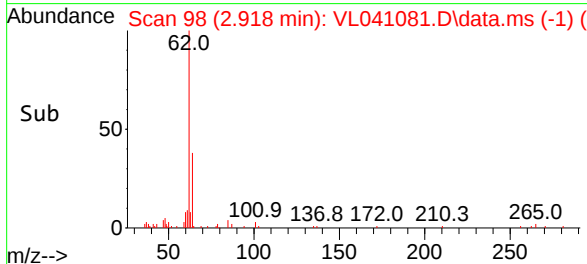
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



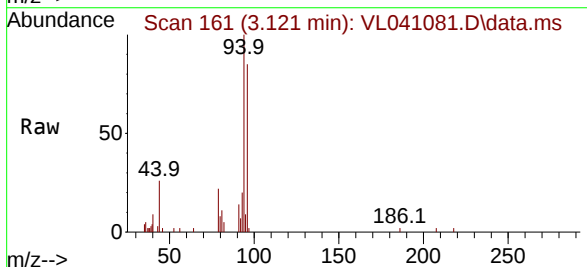
Tgt Ion: 62 Resp: 4105
 Ion Ratio Lower Upper
 62 100
 64 35.6 26.5 39.7

Manual Integrations
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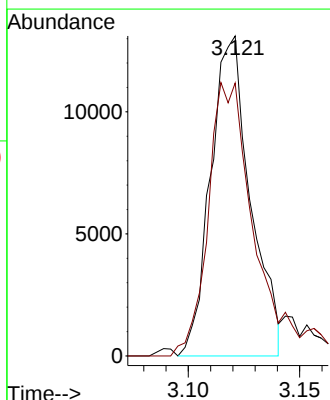
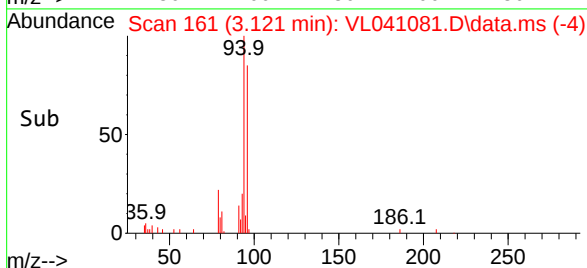
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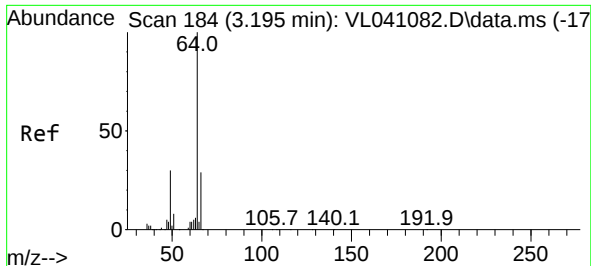


#6
 Bromomethane
 Concen: 0.598 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27



Tgt Ion: 94 Resp: 16320
 Ion Ratio Lower Upper
 94 100
 96 82.2 76.0 114.0





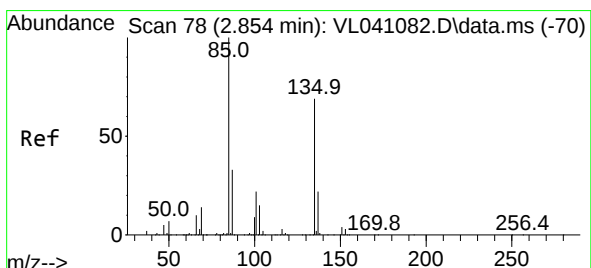
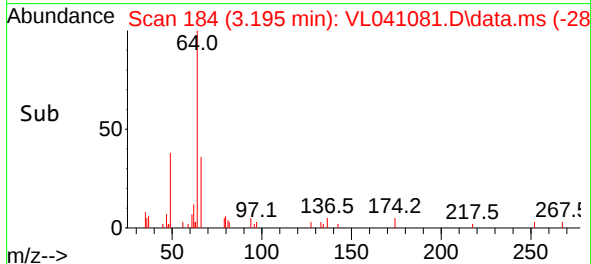
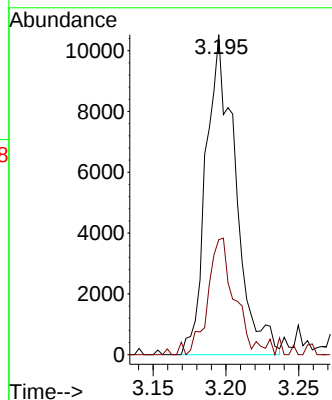
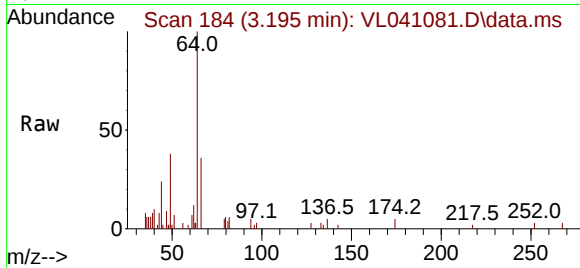
#7
Chloroethane
Concen: 0.613 ppbv m
RT: 3.195 min Scan# 184
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 14840
Ion Ratio Lower Upper
64 100
66 36.0 23.2 34.8

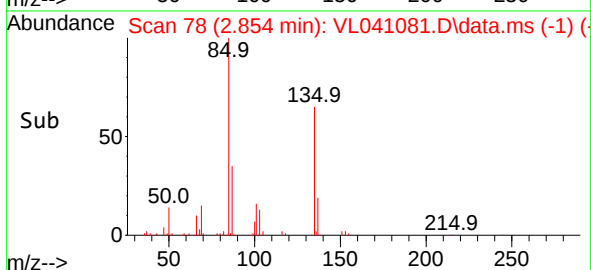
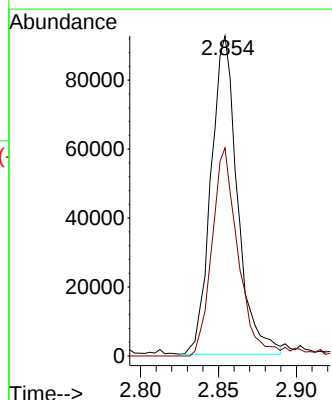
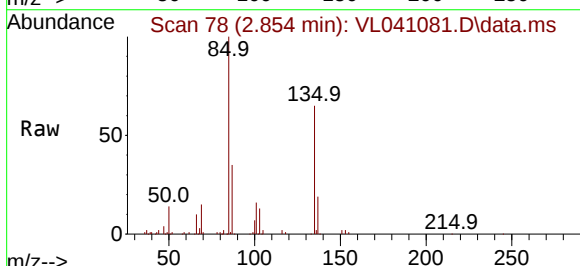
Manual Integrations
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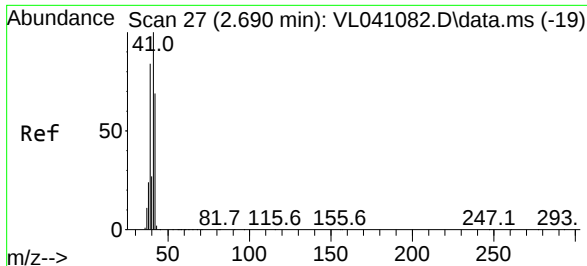
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#8
Dichlorotetrafluoroethane
Concen: 0.648 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

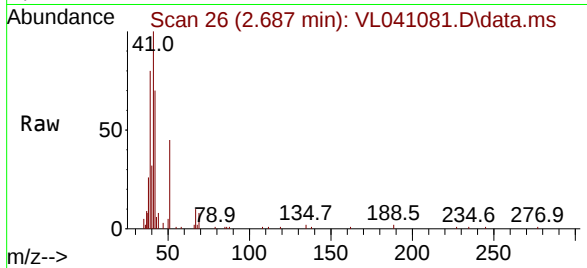
Tgt Ion: 85 Resp: 109126
Ion Ratio Lower Upper
85 100
135 65.7 56.7 85.1





#9
 Propene
 Concen: 0.592 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

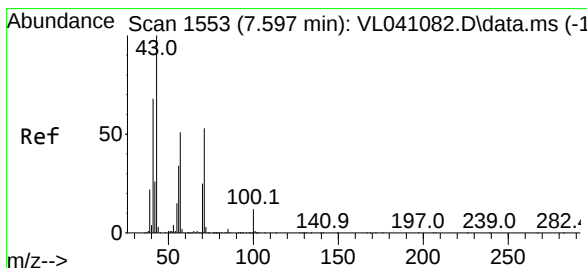
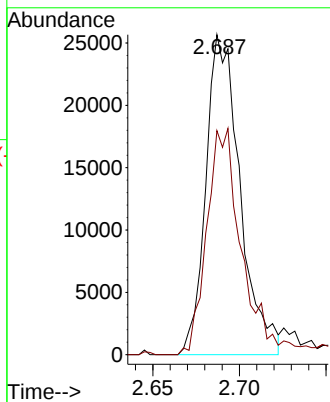
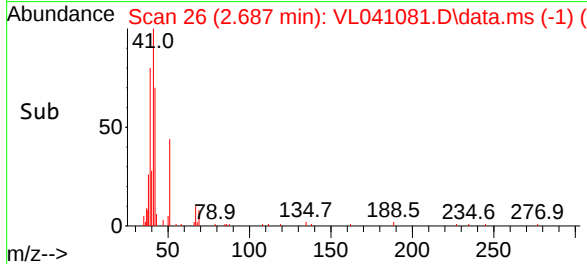
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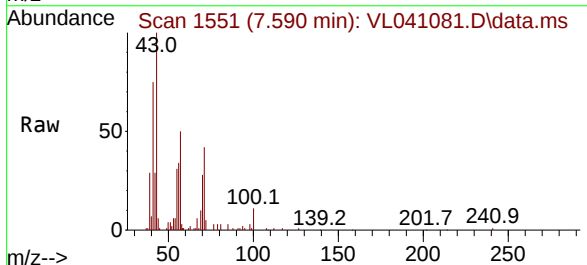
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 Ion Ratio Lower Upper
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Manual Integrations
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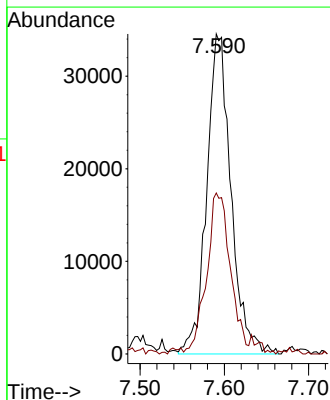
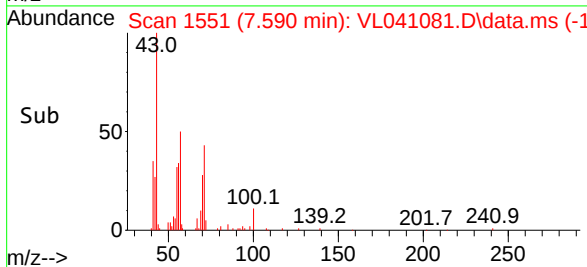
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

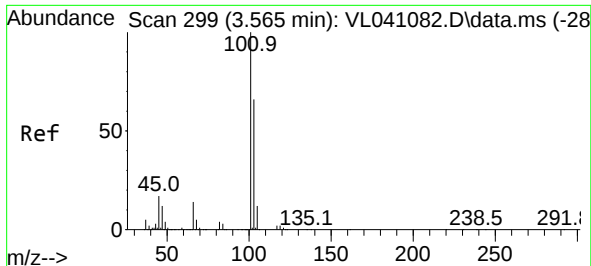


#10
 Heptane
 Concen: 0.486 ppbv m
 RT: 7.590 min Scan# 1551
 Delta R.T. -0.006 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27



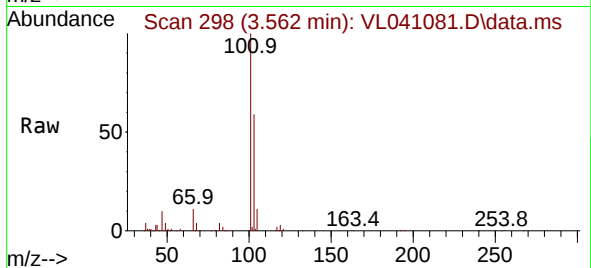
Tgt Ion: 43 Resp: 69239
 Ion Ratio Lower Upper
 43 100
 57 52.4 41.0 61.6





#11
 Trichlorofluoromethane
 Concen: 0.654 ppbv
 RT: 3.562 min Scan# 299
 Delta R.T. -0.003 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

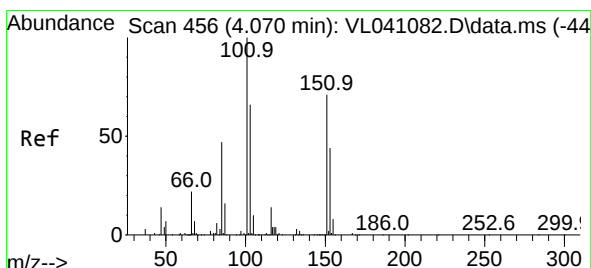
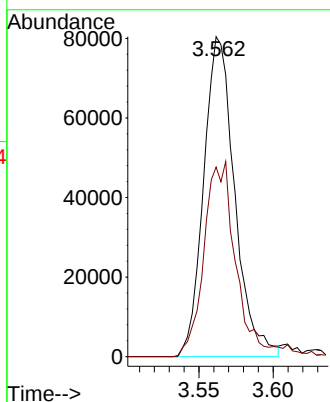
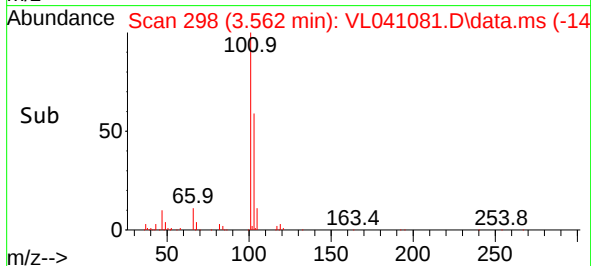
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



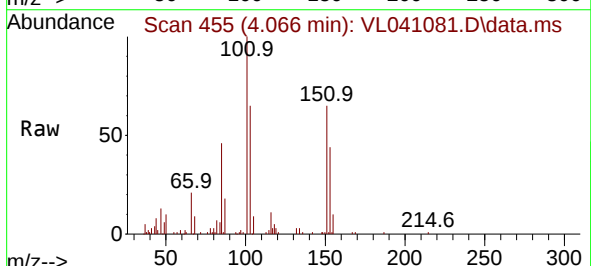
Tgt Ion:101 Resp: 11684
 Ion Ratio Lower Upper
 101 100
 103 58.9 53.0 79.4

Manual Integrations
 APPROVED

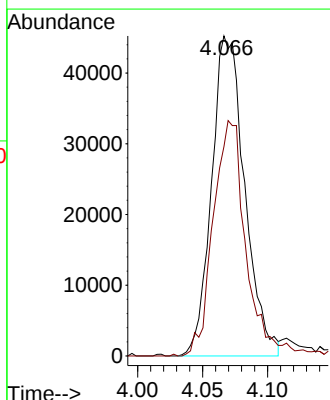
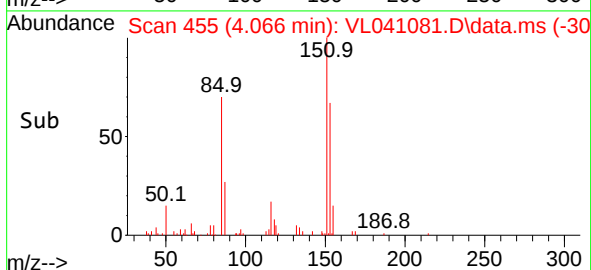
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

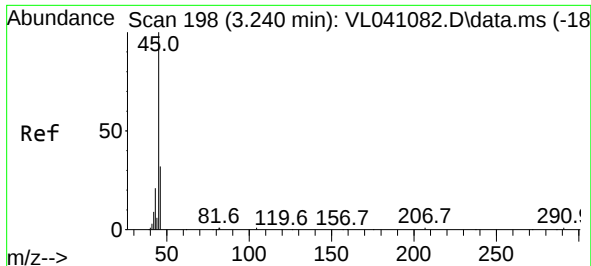


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.609 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.003 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27



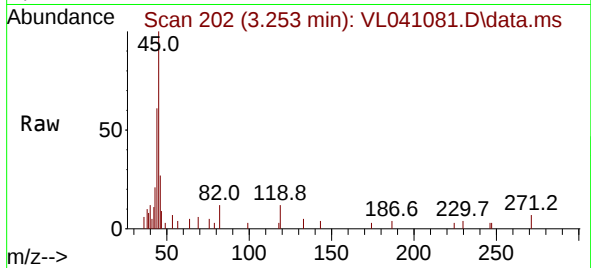
Tgt Ion:101 Resp: 80082
 Ion Ratio Lower Upper
 101 100
 151 73.4 55.8 83.8





#13
Ethanol
Concen: 0.677 ppbv m
RT: 3.253 min Scan# 201
Delta R.T. 0.013 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

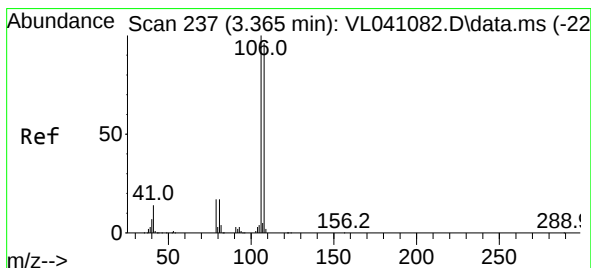
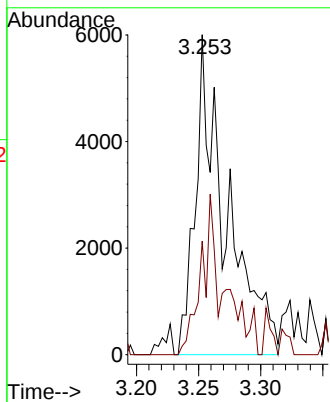
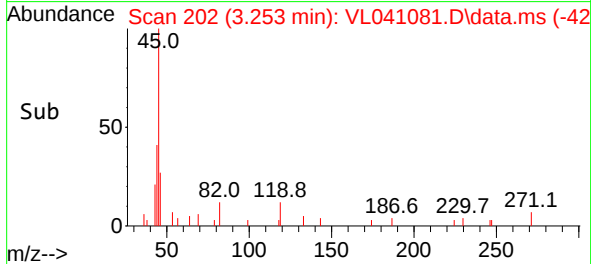
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



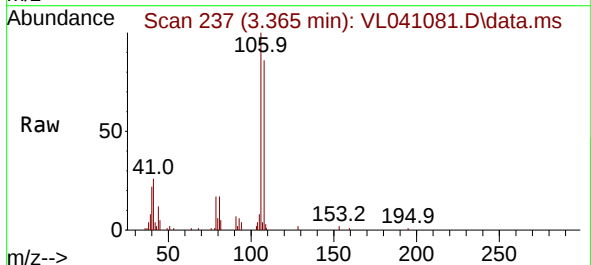
Tgt Ion: 45 Resp: 1018
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

Manual Integrations
APPROVED

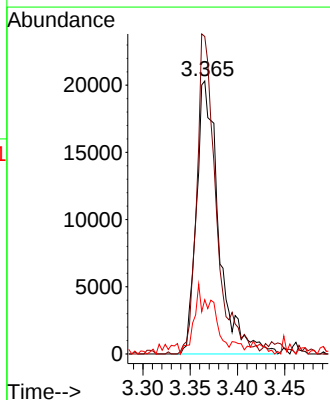
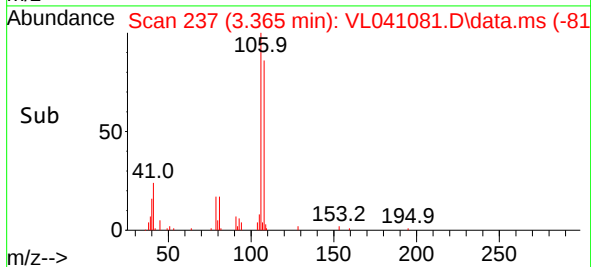
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

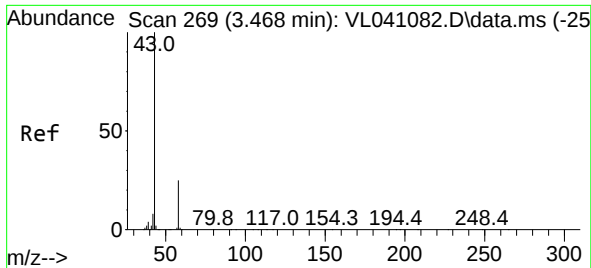


#14
Bromoethene
Concen: 0.656 ppbv m
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



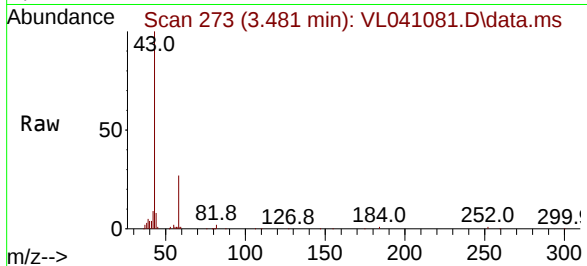
Tgt Ion:108 Resp: 33622
Ion Ratio Lower Upper
108 100
106 100.8 88.1 132.1
79 26.5 15.6 23.4





#15
Acetone
Concen: 0.731 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

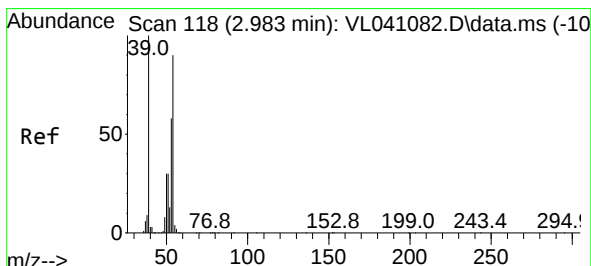
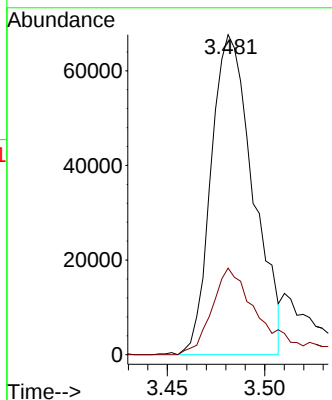
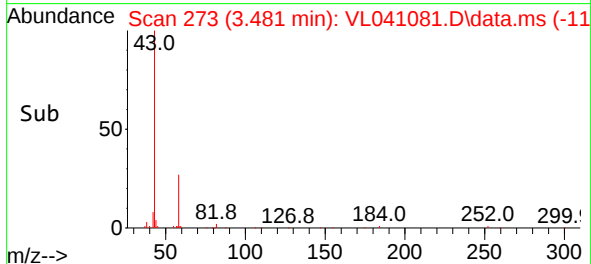
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



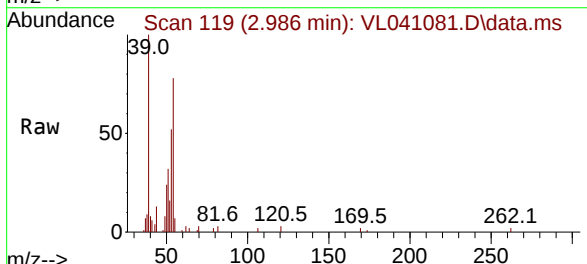
Tgt Ion: 43 Resp: 10129
Ion Ratio Lower Upper
43 100
58 31.9 21.7 32.5

Manual Integrations
APPROVED

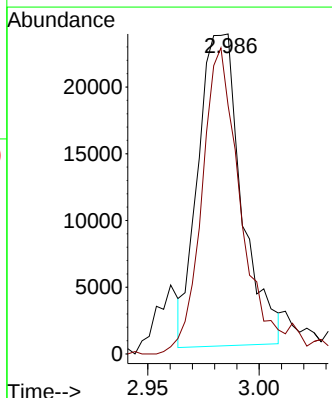
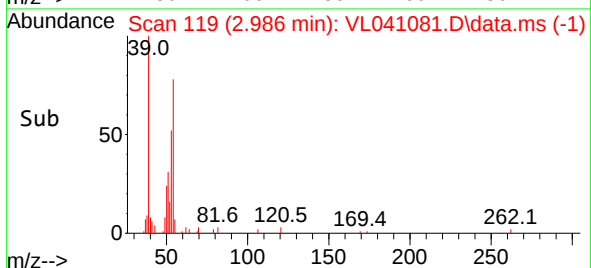
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

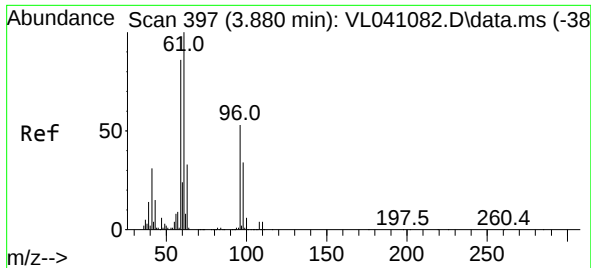


#16
1,3-Butadiene
Concen: 0.486 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



Tgt Ion: 39 Resp: 31713
Ion Ratio Lower Upper
39 100
54 91.6 64.0 96.0





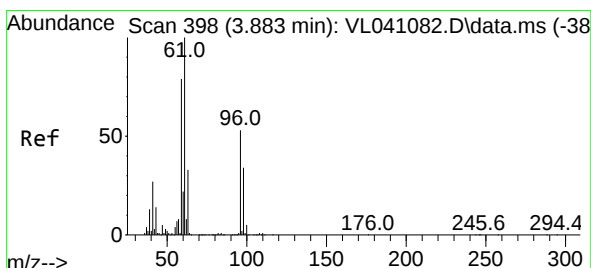
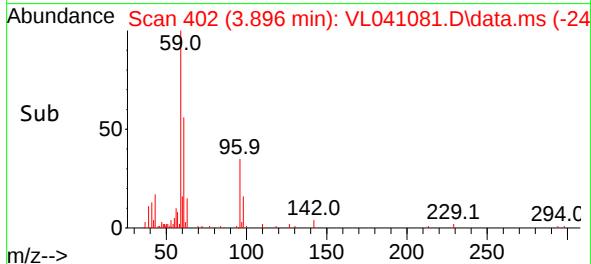
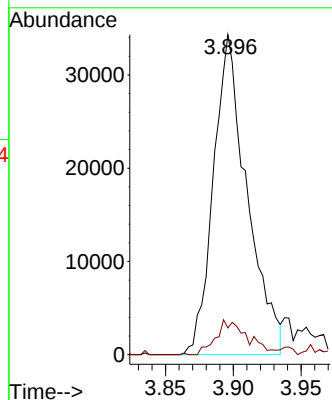
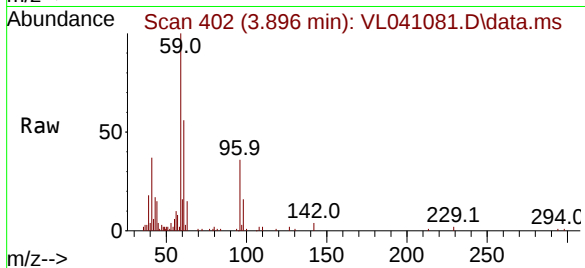
#17
tert-Butyl alcohol
Concen: 0.576 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.016 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 59310
Ion Ratio Lower Upper
59 100
57 11.7 9.0 13.6

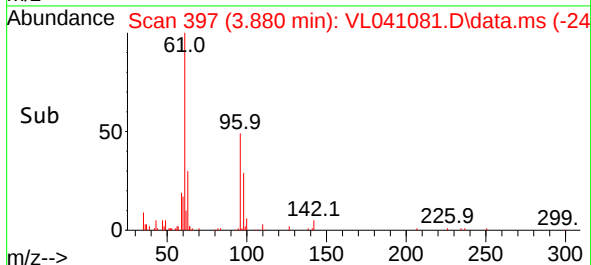
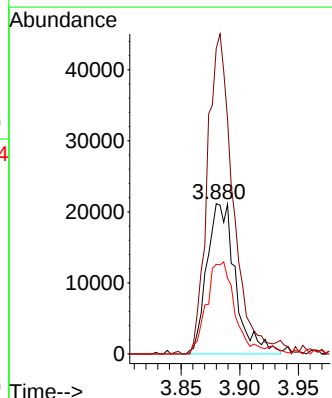
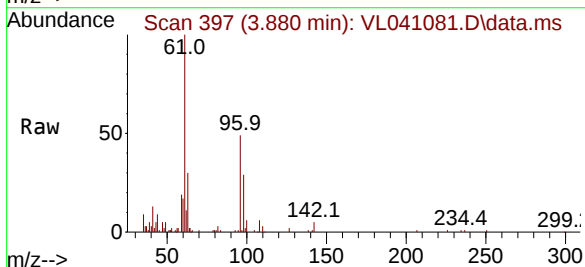
Manual Integrations
APPROVED

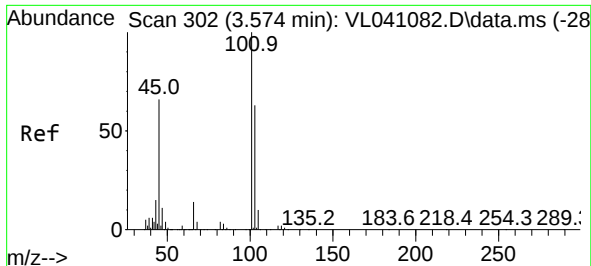
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#18
1,1-Dichloroethene
Concen: 0.620 ppbv m
RT: 3.880 min Scan# 397
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 96 Resp: 35886
Ion Ratio Lower Upper
96 100
61 203.3 150.2 225.2
98 59.7 50.7 76.1





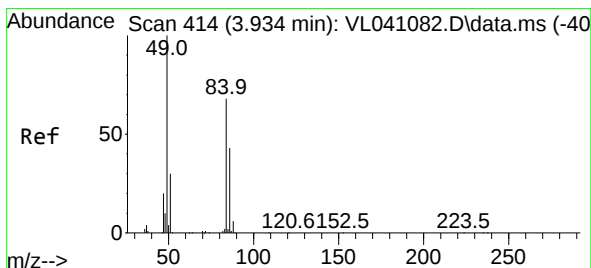
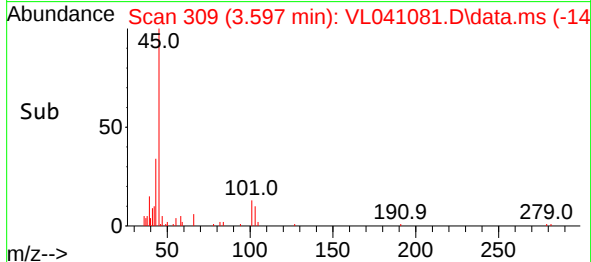
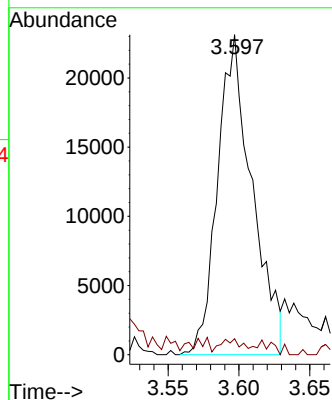
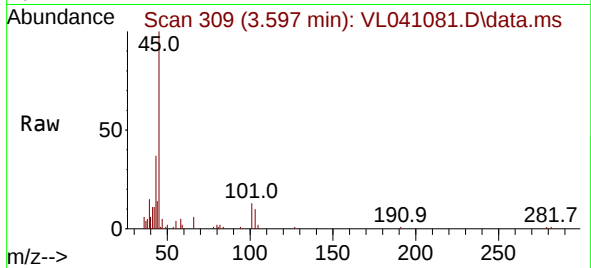
#19
Isopropyl Alcohol
Concen: 0.529 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.023 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 3914
Ion Ratio Lower Upper
45 100
58 8.3 2.2 3.4

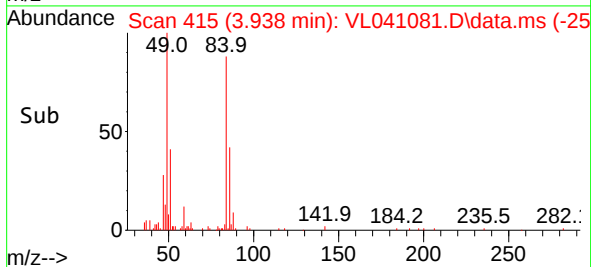
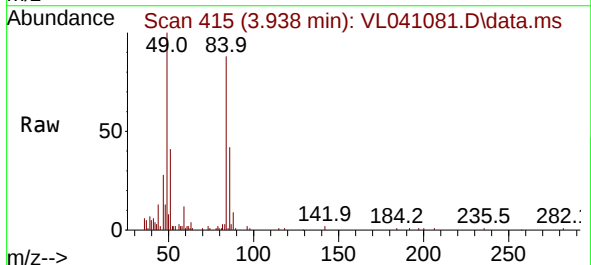
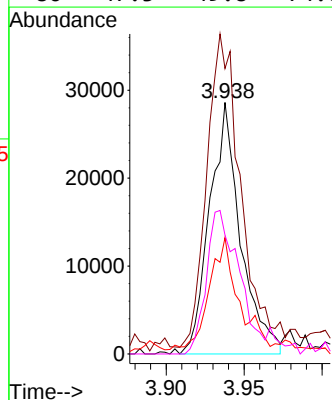
Manual Integrations
APPROVED

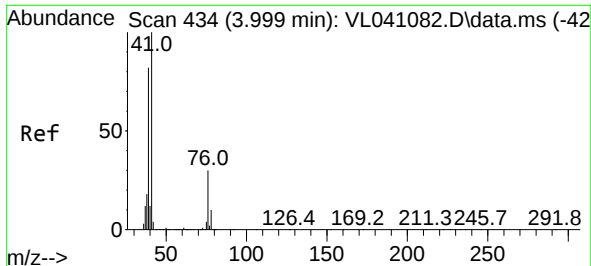
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#20
Methylene Chloride
Concen: 0.729 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

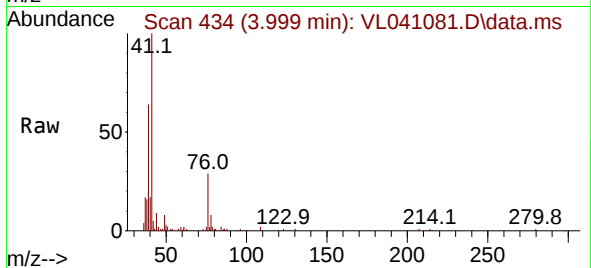
Tgt Ion: 84 Resp: 39367
Ion Ratio Lower Upper
84 100
49 109.1 117.0 175.6#
51 43.5 34.9 52.3
86 47.3 49.8 74.6#





#21
 Allyl Chloride
 Concen: 0.529 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

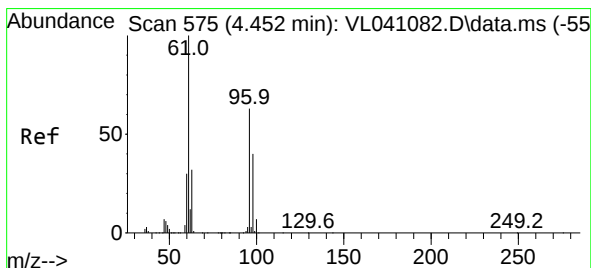
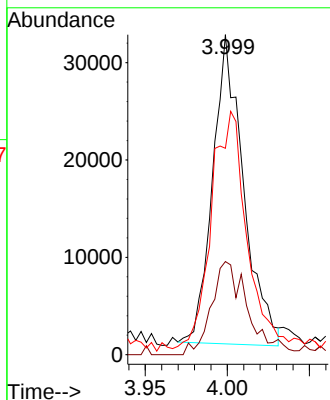
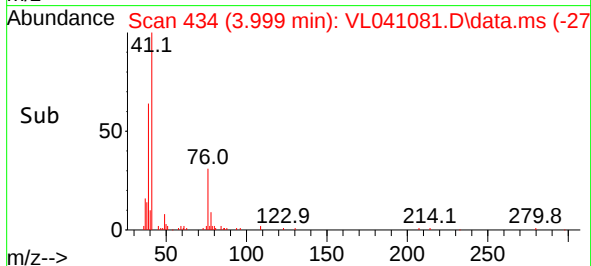
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



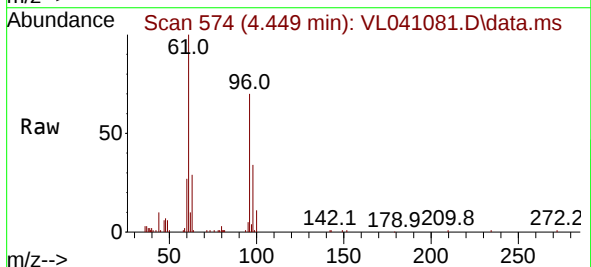
Tgt Ion: 41 Resp: 41398
 Ion Ratio Lower Upper
 41 100
 76 38.7 25.5 38.3
 39 96.2 67.4 101.2

Manual Integrations
 APPROVED

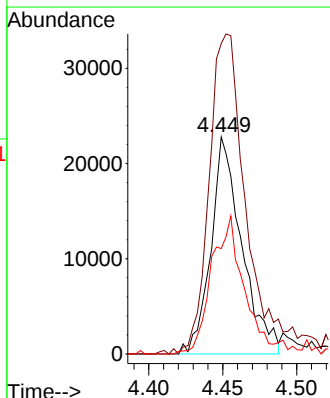
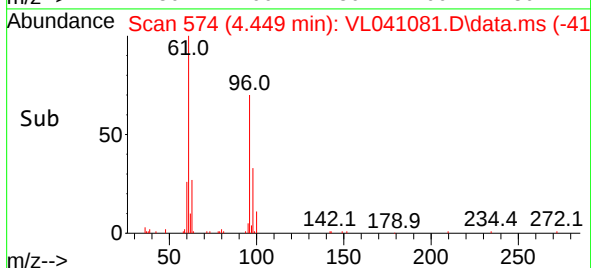
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

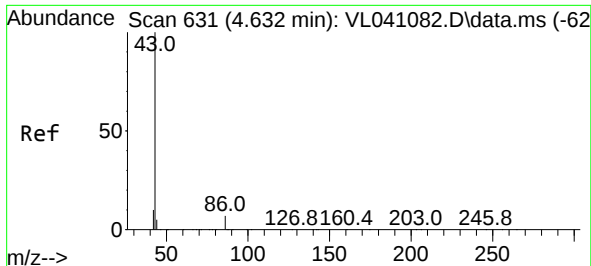


#22
 trans-1,2-Dichloroethene
 Concen: 0.481 ppbv m
 RT: 4.449 min Scan# 574
 Delta R.T. -0.003 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27



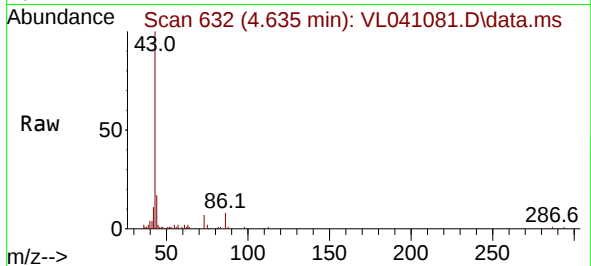
Tgt Ion: 96 Resp: 33129
 Ion Ratio Lower Upper
 96 100
 61 143.1 126.7 190.1
 98 48.6 50.1 75.1#





#23
 Vinyl Acetate
 Concen: 0.446 ppbv m
 RT: 4.635 min Scan# 612
 Delta R.T. 0.003 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

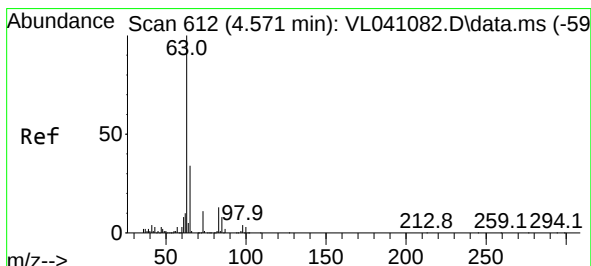
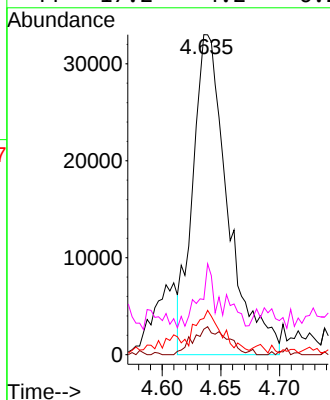
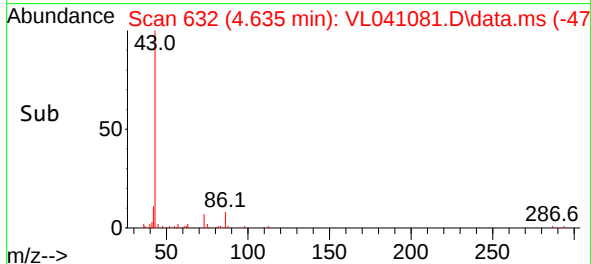
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43 Resp: 68672
 Ion Ratio Lower Upper
 43 100
 86 7.9 5.4 8.2
 42 11.3 8.0 12.0
 44 17.2 4.2 6.2#

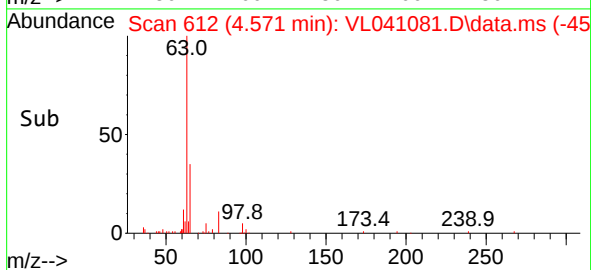
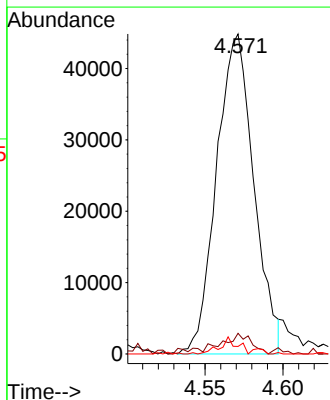
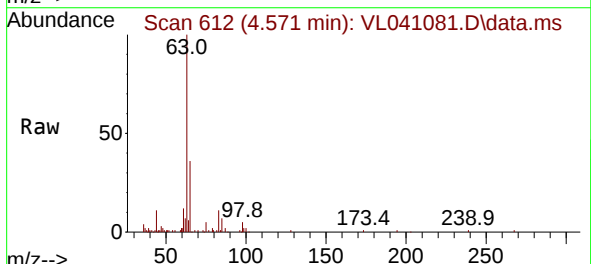
Manual Integrations
 APPROVED

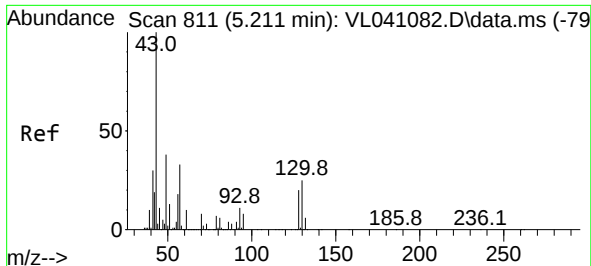
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#24
 1,1-Dichloroethane
 Concen: 0.527 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

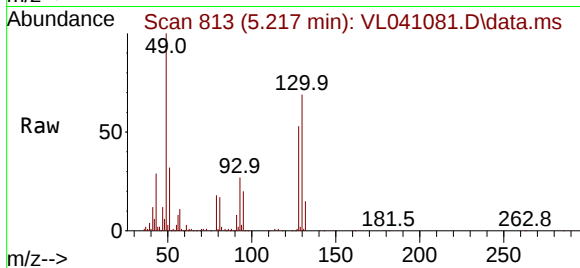
Tgt Ion: 63 Resp: 74634
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.1 6.5
 100 2.0 1.4 4.2





#25
Ethyl Acetate
Concen: 0.517 ppbv m
RT: 5.217 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

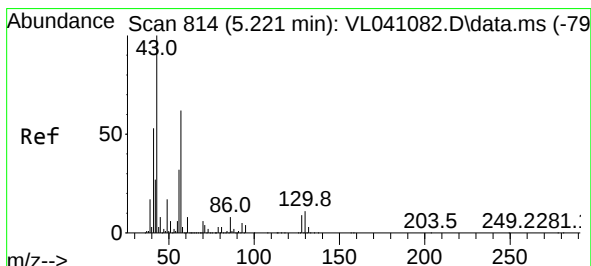
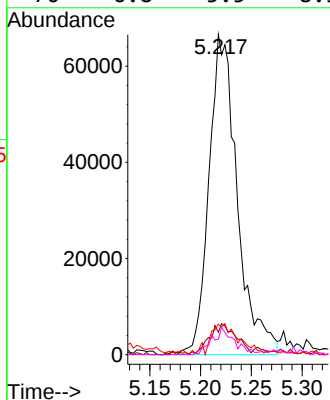
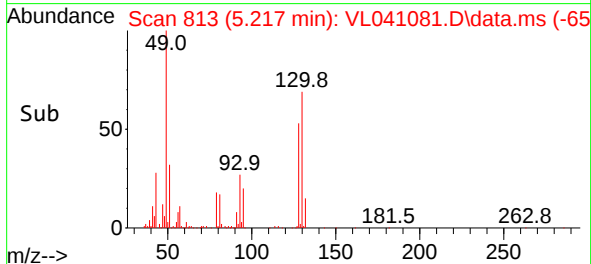
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



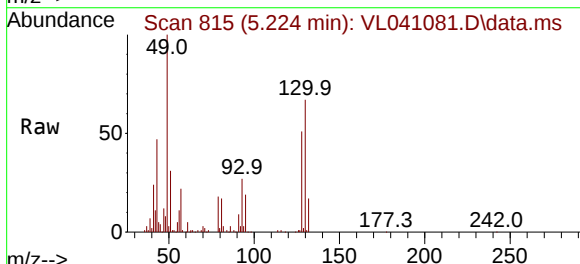
Tgt Ion: 43 Resp: 12896
Ion Ratio Lower Upper
43 100
45 11.4 8.2 12.2
61 10.9 8.2 12.2
70 6.8 5.5 8.3

Manual Integrations
APPROVED

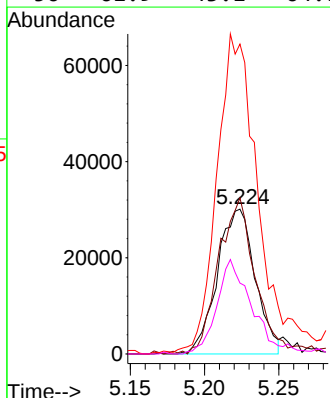
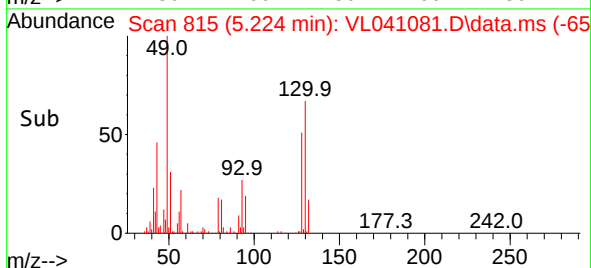
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

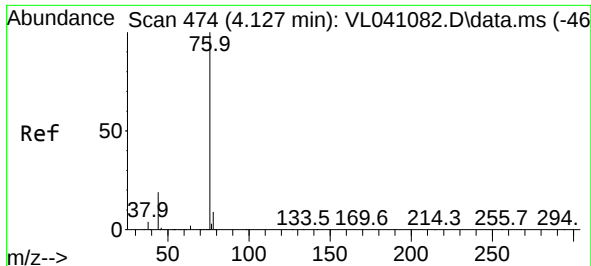


#26
Hexane
Concen: 0.478 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



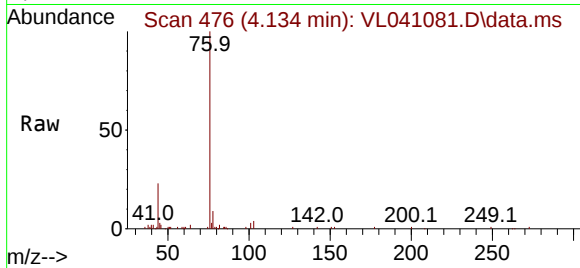
Tgt Ion: 57 Resp: 53480
Ion Ratio Lower Upper
57 100
41 109.7 73.8 110.6
43 254.5 184.2 276.2
56 61.9 43.1 64.7





#27
Carbon Disulfide
Concen: 0.532 ppbv m
RT: 4.134 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

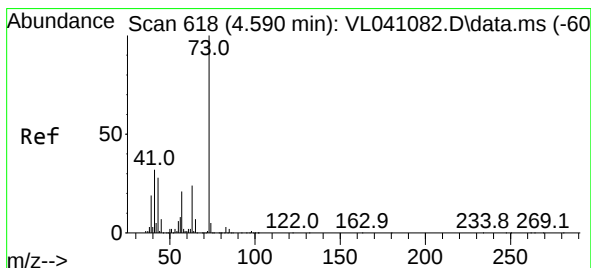
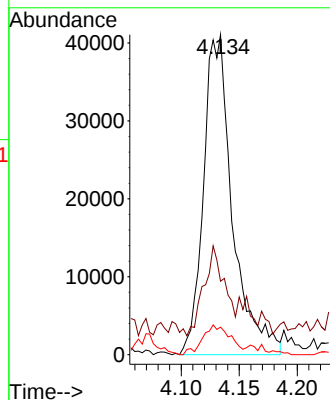
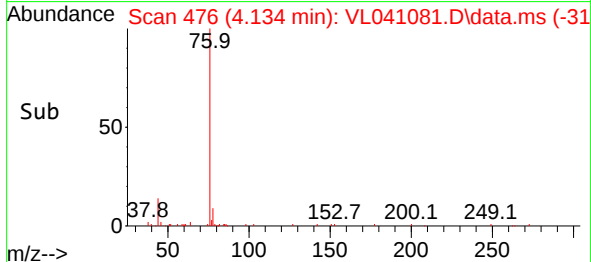
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 76 Resp: 71210
Ion Ratio Lower Upper
76 100
44 32.8 16.0 24.0
78 10.9 7.5 11.3

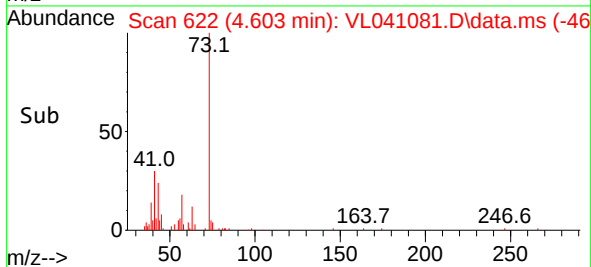
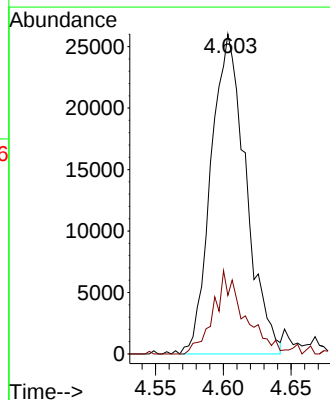
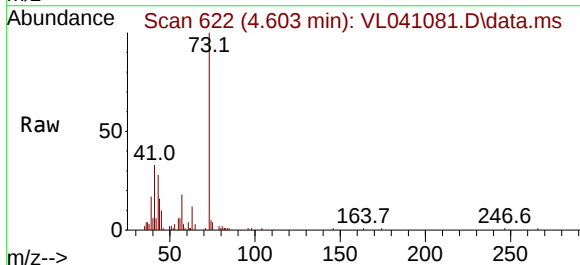
Manual Integrations
APPROVED

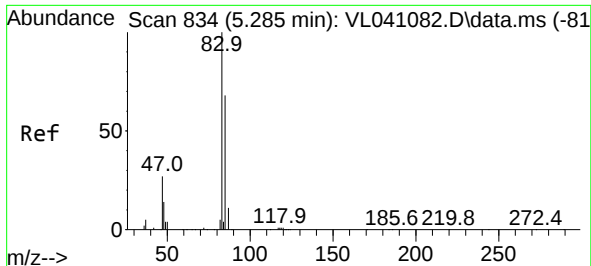
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#28
Methyl tert-Butyl Ether
Concen: 0.472 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.013 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 73 Resp: 46588
Ion Ratio Lower Upper
73 100
57 24.2 18.2 27.4





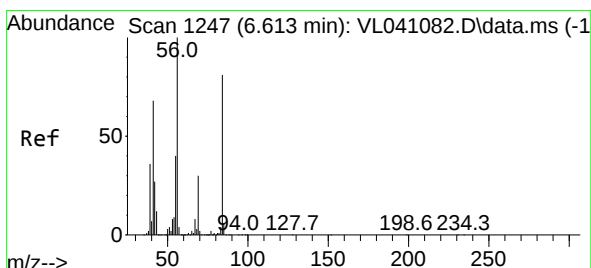
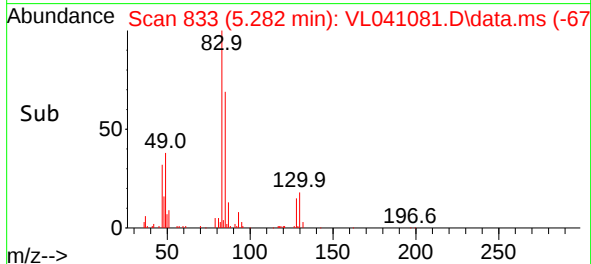
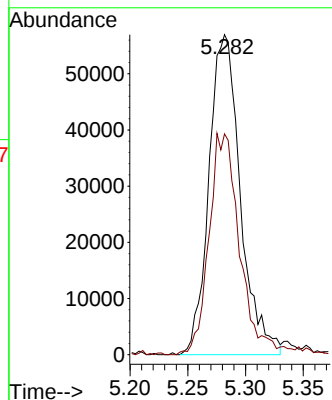
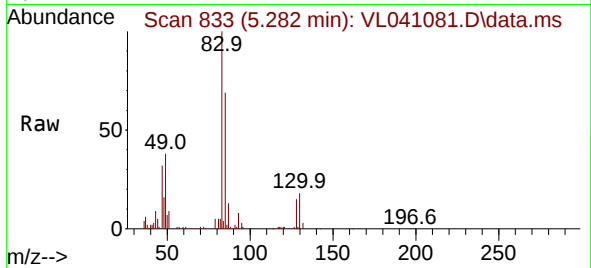
#29
Chloroform
Concen: 0.559 ppbv
RT: 5.282 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 10768
Ion Ratio Lower Upper
83 100
85 68.2 54.6 82.0

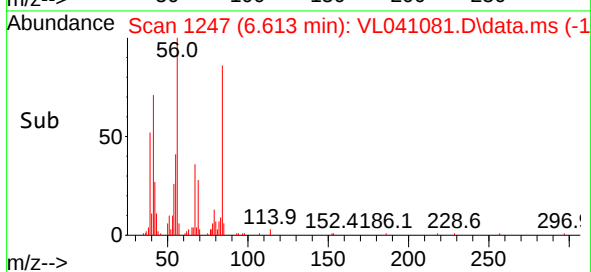
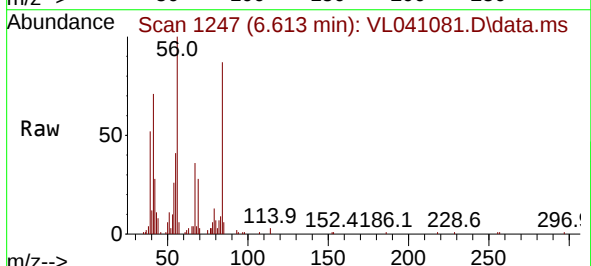
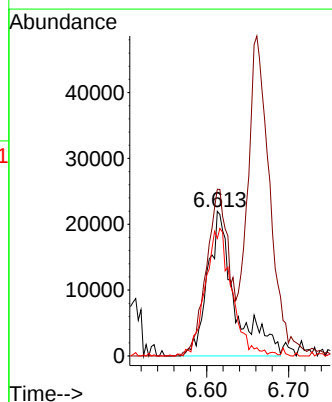
Manual Integrations
APPROVED

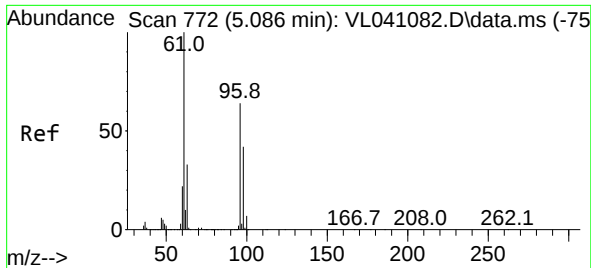
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#30
Cyclohexane
Concen: 0.553 ppbv m
RT: 6.613 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 84 Resp: 50630
Ion Ratio Lower Upper
84 100
56 95.2 110.4 165.6#
41 85.9 70.6 105.8





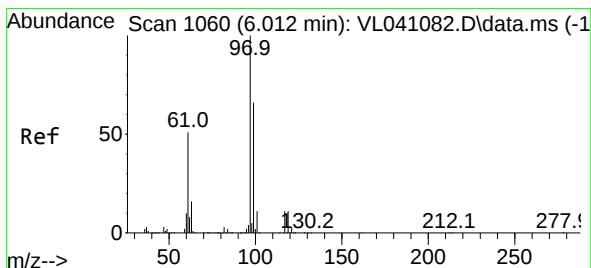
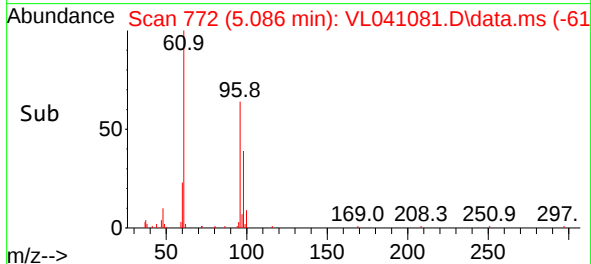
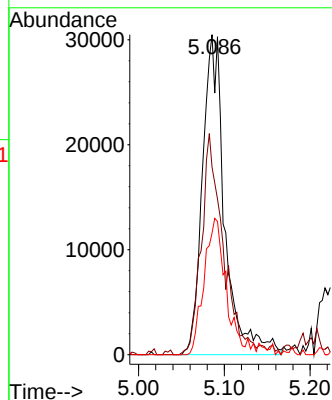
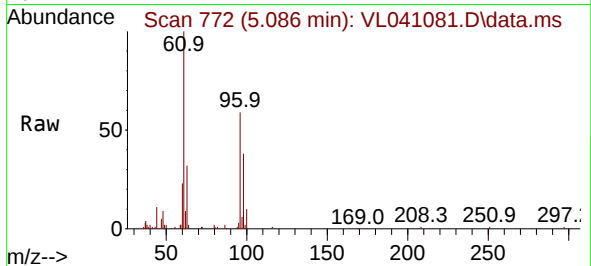
#31
 cis-1,2-Dichloroethene
 Concen: 0.508 ppbv m
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 55130
 Ion Ratio Lower Upper
 61 100
 96 58.6 51.2 76.8
 98 38.0 33.4 50.0

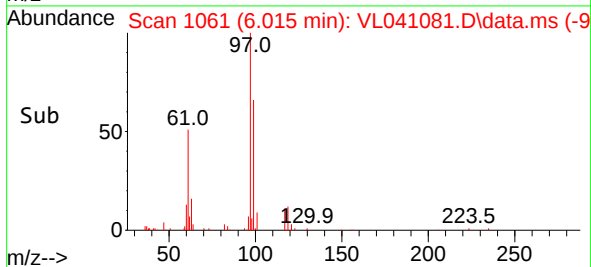
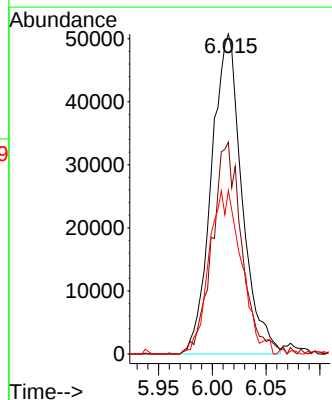
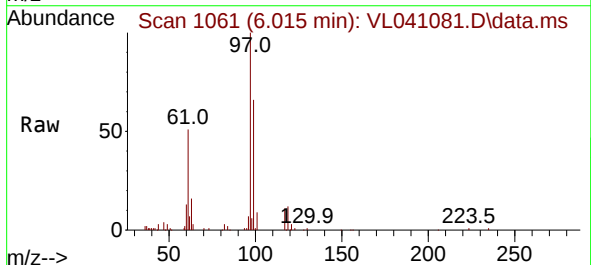
Manual Integrations
 APPROVED

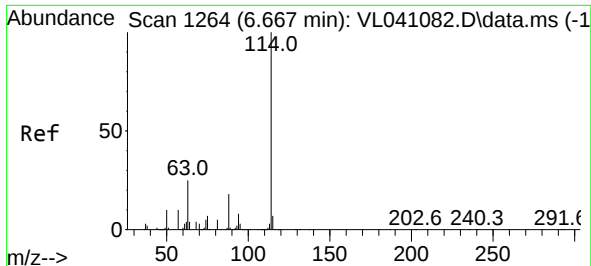
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.582 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

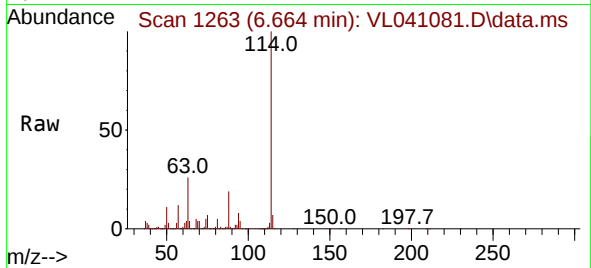
Tgt Ion: 97 Resp: 100363
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.4 78.6
 61 55.1 40.4 60.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

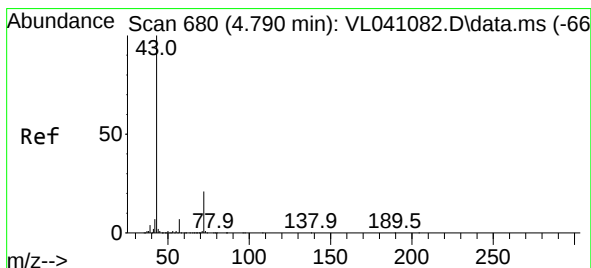
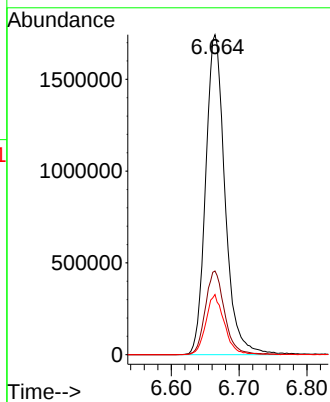
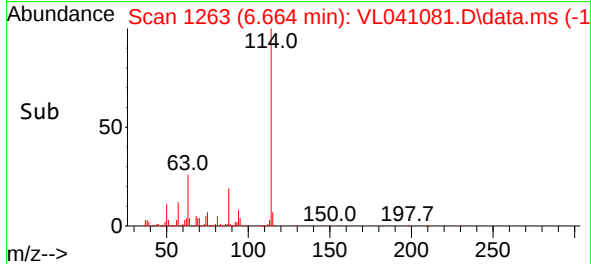
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:114 Resp: 345586
Ion Ratio Lower Upper
114 100
63 26.3 21.0 31.6
88 18.1 14.6 22.0

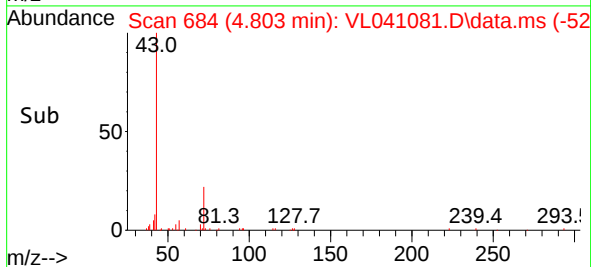
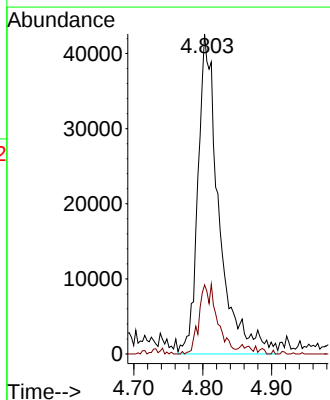
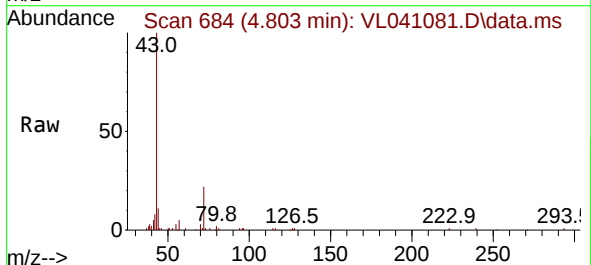
Manual Integrations
APPROVED

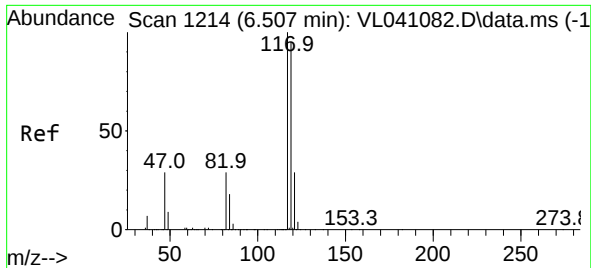
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#34
2-Butanone
Concen: 0.529 ppbv m
RT: 4.803 min Scan# 684
Delta R.T. 0.013 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

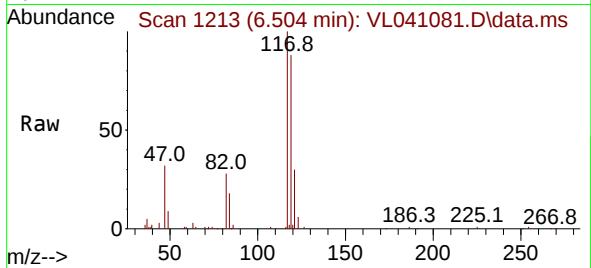
Tgt Ion: 43 Resp: 90699
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#





#35
Carbon Tetrachloride
Concen: 0.504 ppbv
RT: 6.504 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

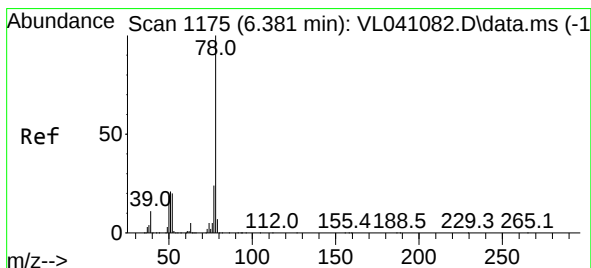
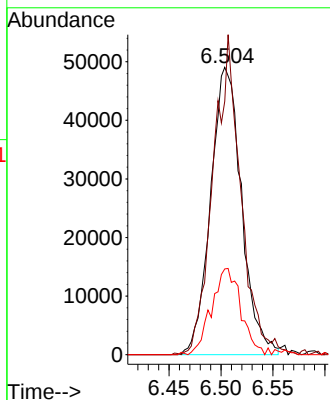
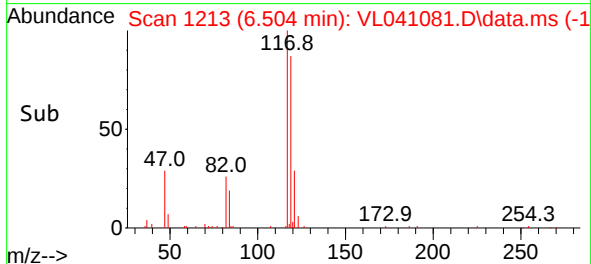
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 101372
Ion Ratio Lower Upper
117 100
119 87.8 75.6 113.4
121 29.8 23.4 35.2

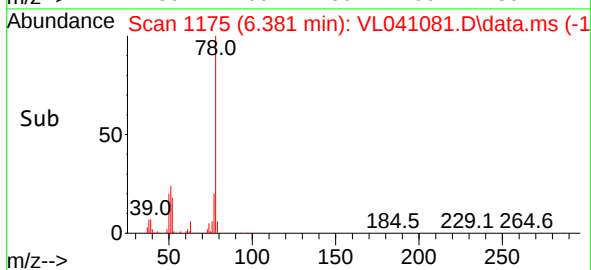
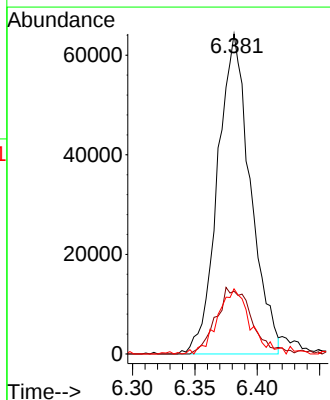
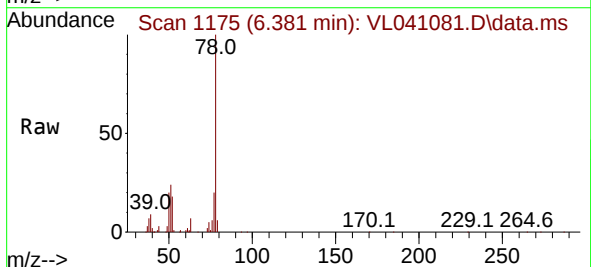
Manual Integrations
APPROVED

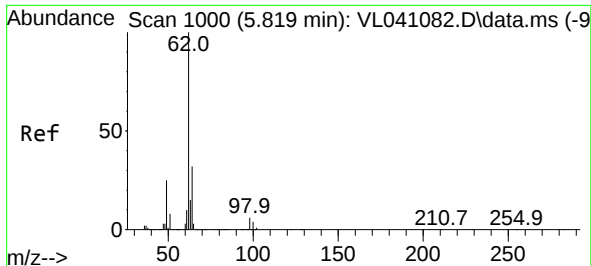
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#36
Benzene
Concen: 0.457 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 78 Resp: 117634
Ion Ratio Lower Upper
78 100
77 19.6 18.8 28.2
50 19.9 15.5 23.3





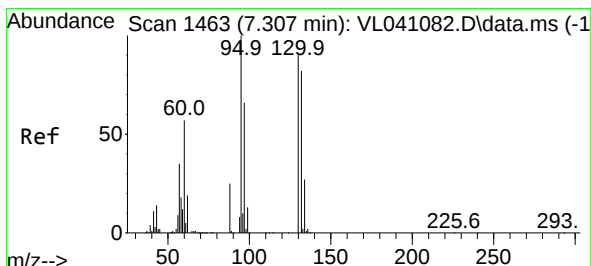
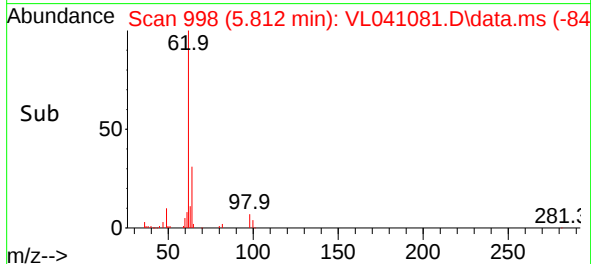
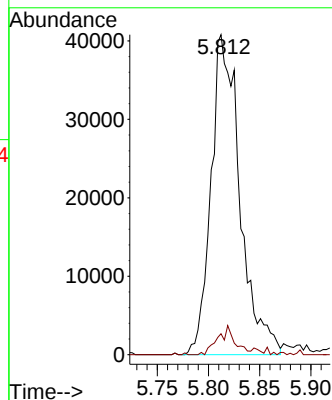
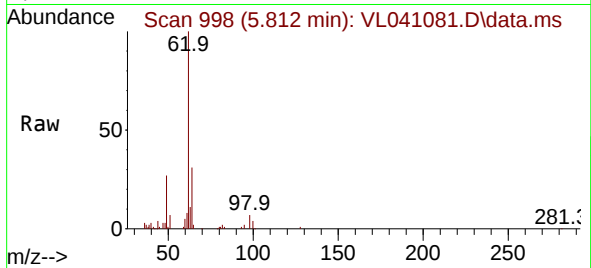
#37
1,2-Dichloroethane
Concen: 0.516 ppbv m
RT: 5.812 min Scan# 998
Delta R.T. -0.006 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 7988
Ion Ratio Lower Upper
62 100
98 0.0 4.6 6.8

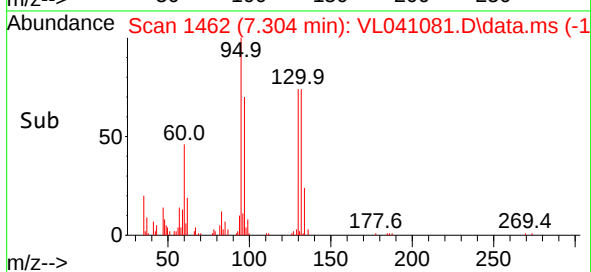
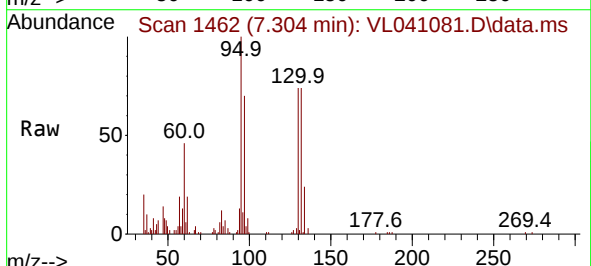
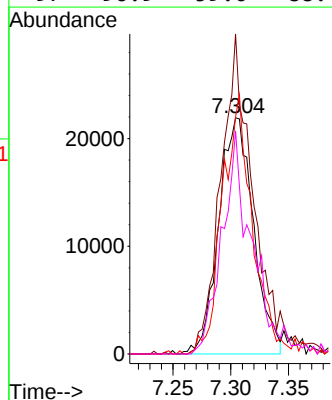
Manual Integrations
APPROVED

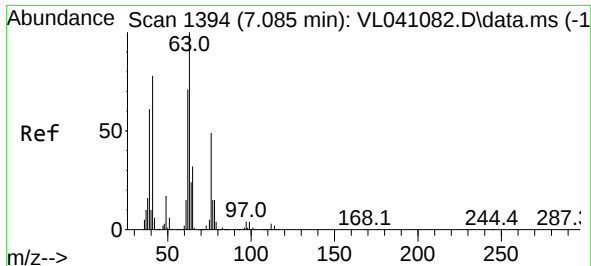
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#38
Trichloroethene
Concen: 0.476 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion:130 Resp: 45705
Ion Ratio Lower Upper
130 100
95 139.1 88.8 133.2#
132 101.6 73.0 109.4
97 96.9 59.0 88.4#





#39

1,2-Dichloropropane

Concen: 0.499 ppbv m

RT: 7.089 min Scan# 1470

Delta R.T. 0.003 min

Lab File: VL041081.D

Acq: 11 Mar 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

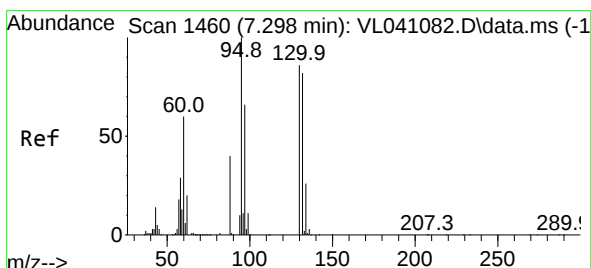
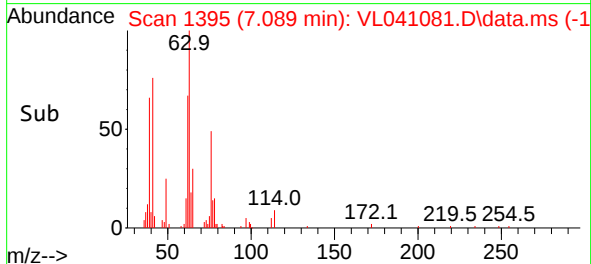
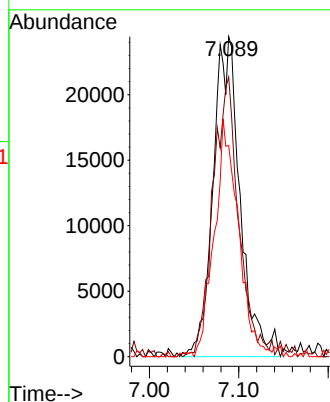
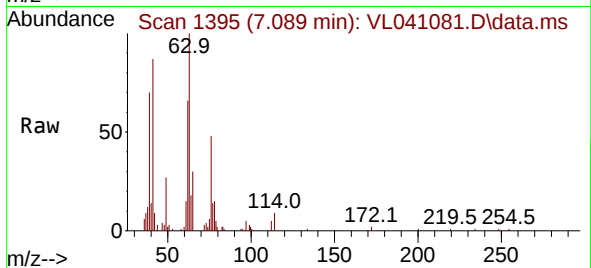
VSTDICC0.5

Tgt Ion: 63	Resp: 5129
Ion Ratio	Lower Upper
63 100	
41 87.4	62.2 93.4
62 66.0	57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#40

1,4-Dioxane

Concen: 0.387 ppbv m

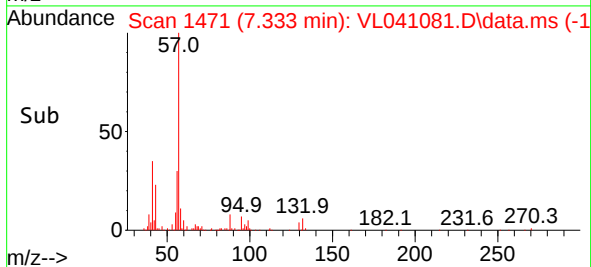
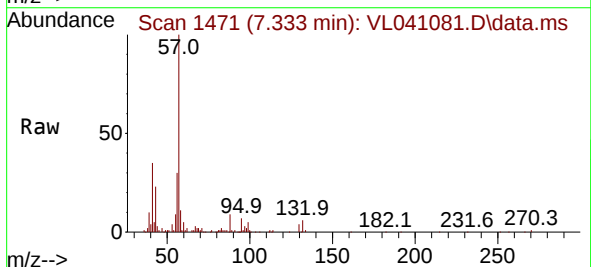
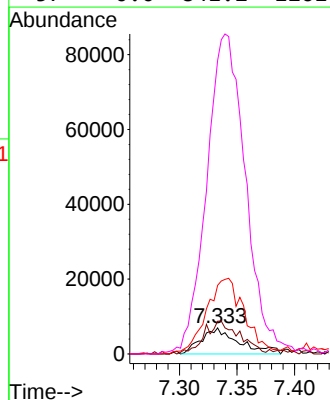
RT: 7.333 min Scan# 1471

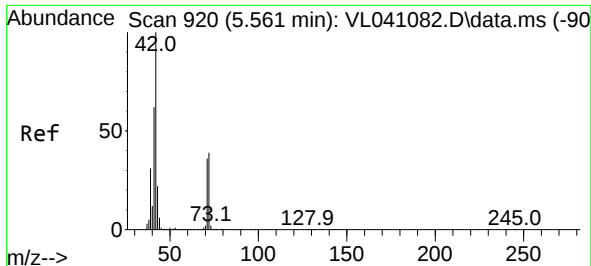
Delta R.T. 0.035 min

Lab File: VL041081.D

Acq: 11 Mar 2024 10:27

Tgt Ion: 88	Resp: 15702
Ion Ratio	Lower Upper
88 100	
58 0.0	96.3 144.5#
43 0.0	195.7 293.5#
57 0.0	841.2 1261.8#





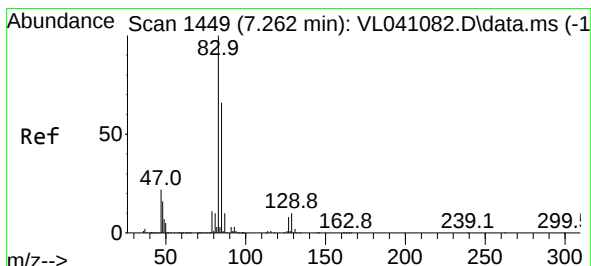
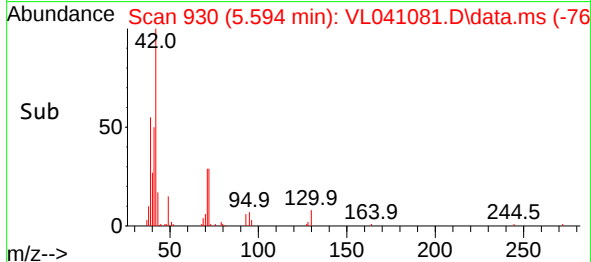
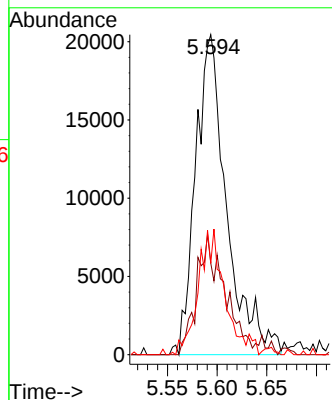
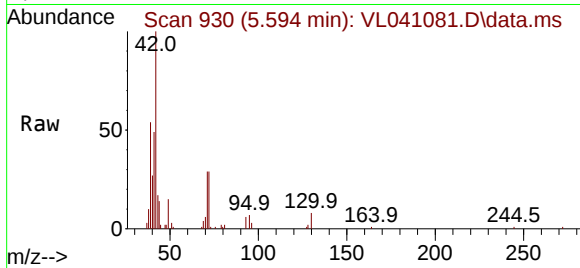
#41
Tetrahydrofuran
Concen: 0.436 ppbv m
RT: 5.594 min Scan# 91
Delta R.T. 0.032 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 4442
Ion Ratio Lower Upper
42 100
72 36.6 30.7 46.1
71 34.2 29.6 44.4

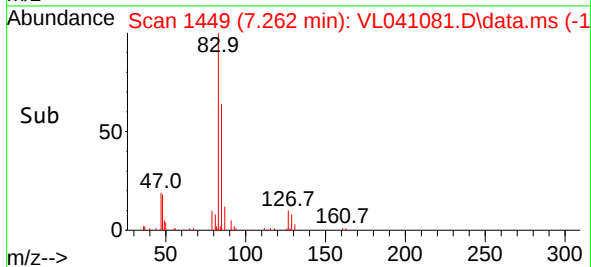
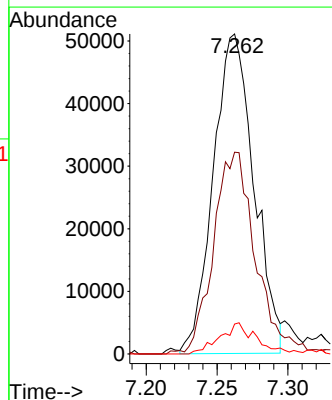
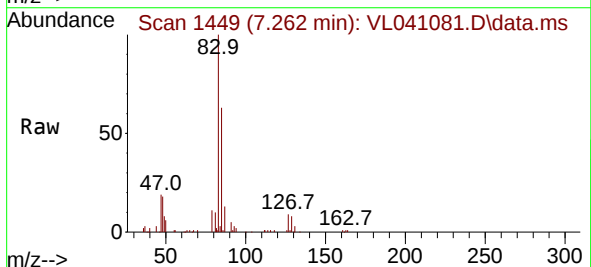
Manual Integrations
APPROVED

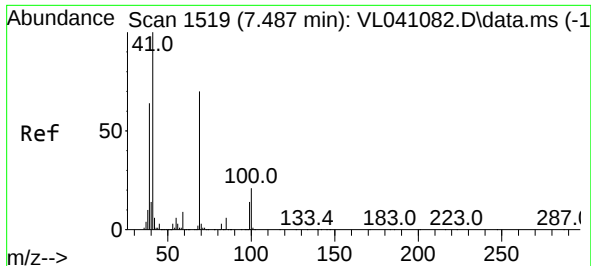
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#42
Bromodichloromethane
Concen: 0.461 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 83 Resp: 102119
Ion Ratio Lower Upper
83 100
85 62.6 53.1 79.7
127 9.5 6.2 9.4#





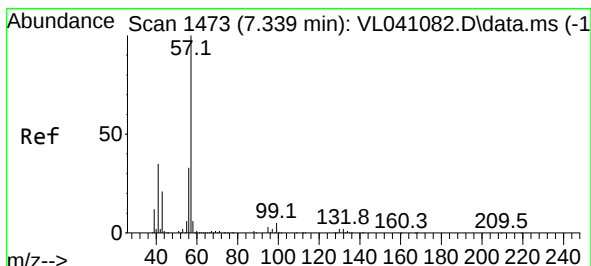
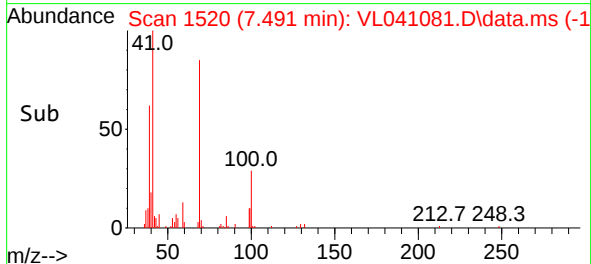
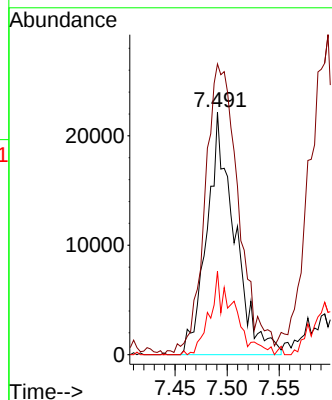
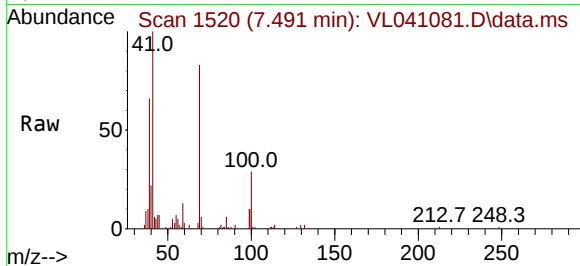
#43
Methyl Methacrylate
Concen: 0.411 ppbv
RT: 7.491 min Scan# 1519
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 40830
Ion Ratio Lower Upper
69 100
41 147.8 118.2 177.4
100 30.6 24.8 37.2

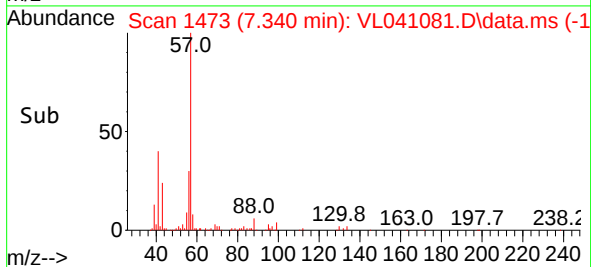
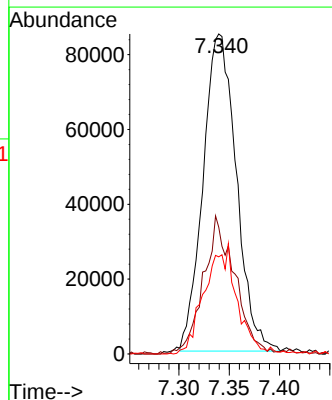
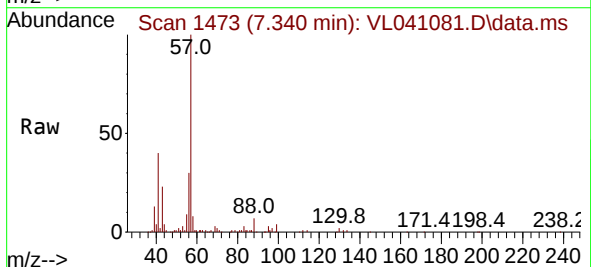
Manual Integrations
APPROVED

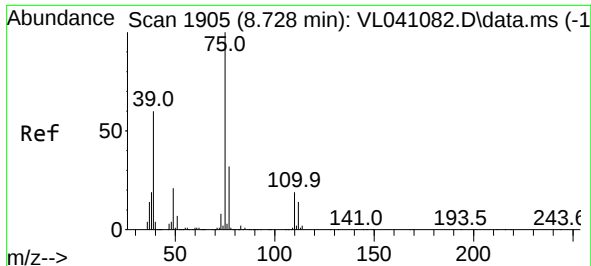
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#44
2,2,4-Trimethylpentane
Concen: 0.454 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

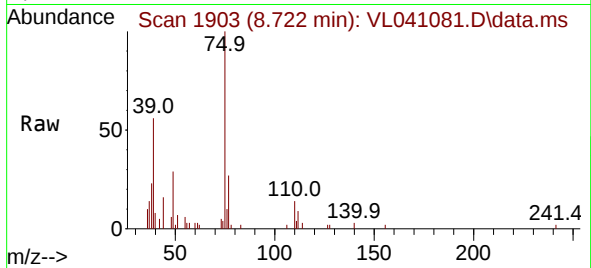
Tgt Ion: 57 Resp: 195034
Ion Ratio Lower Upper
57 100
41 41.8 28.0 42.0
56 34.0 25.7 38.5





#45
t-1,3-Dichloropropene
Concen: 0.348 ppbv m
RT: 8.722 min Scan# 1905
Delta R.T. -0.006 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

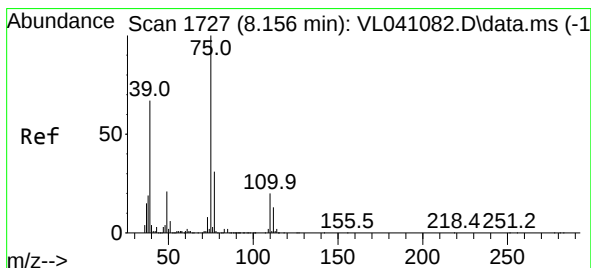
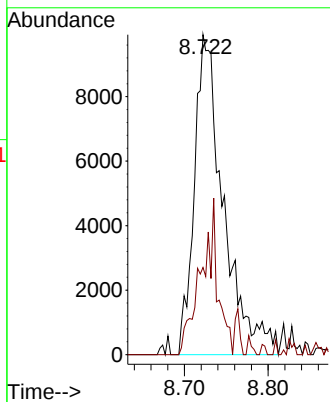
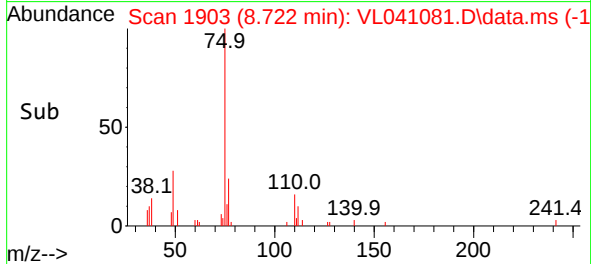
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 2399
Ion Ratio Lower Upper
75 100
77 27.3 25.3 37.9

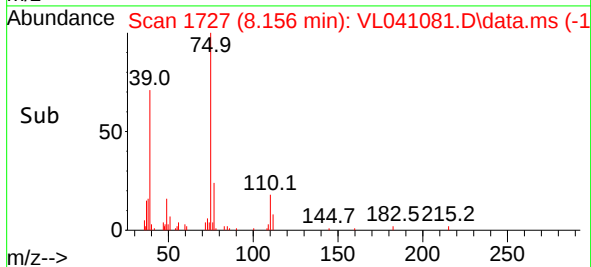
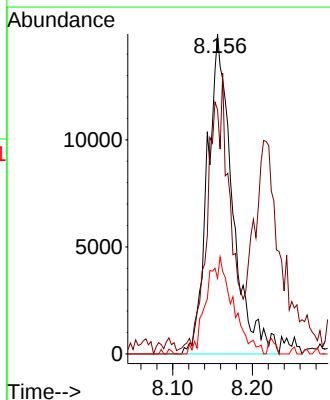
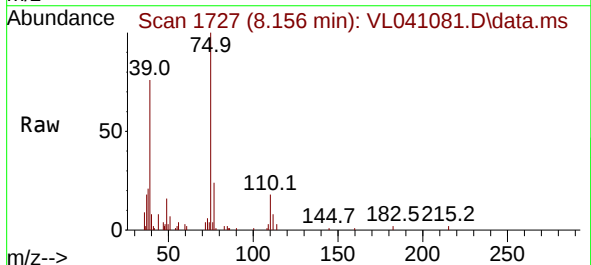
Manual Integrations
APPROVED

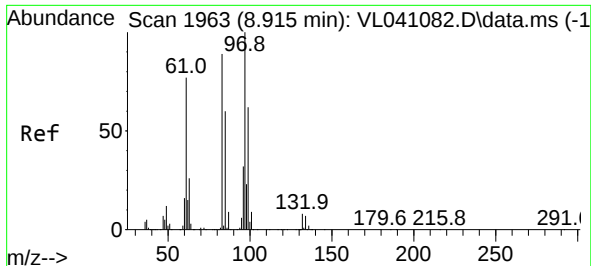
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#46
cis-1,3-Dichloropropene
Concen: 0.380 ppbv m
RT: 8.156 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 75 Resp: 32709
Ion Ratio Lower Upper
75 100
39 76.4 53.3 79.9
77 23.6 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.520 ppbv

RT: 8.918 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VL041081.D

Acq: 11 Mar 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 57209

Ion Ratio Lower Upper

97 100

83 82.3 71.1 106.7

85 67.3 48.2 72.2

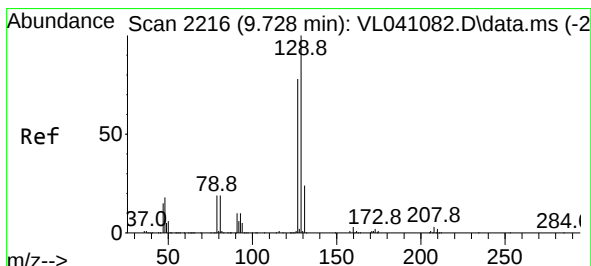
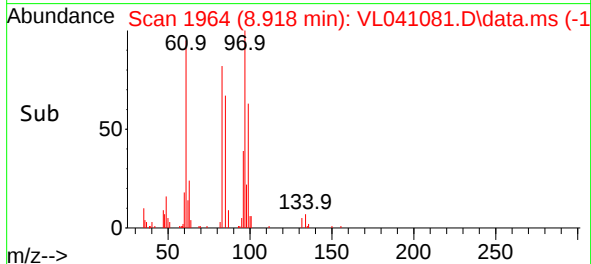
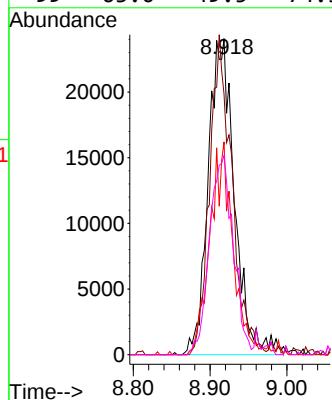
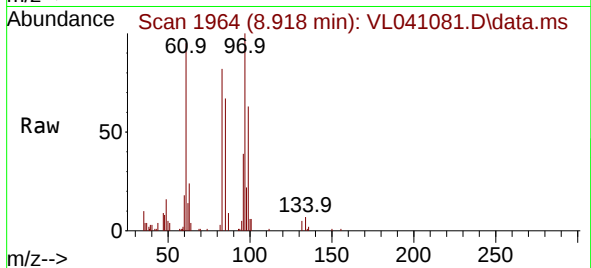
99 63.0 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#48

Dibromochloromethane

Concen: 0.418 ppbv

RT: 9.729 min Scan# 2216

Delta R.T. 0.000 min

Lab File: VL041081.D

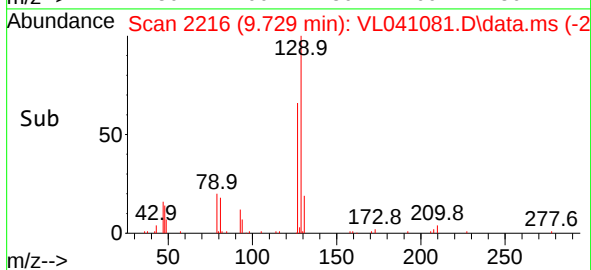
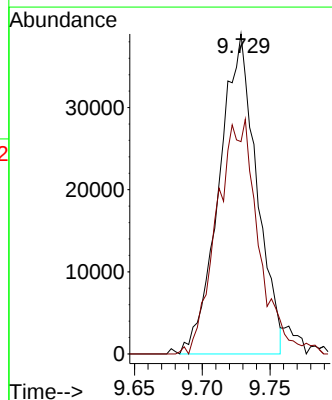
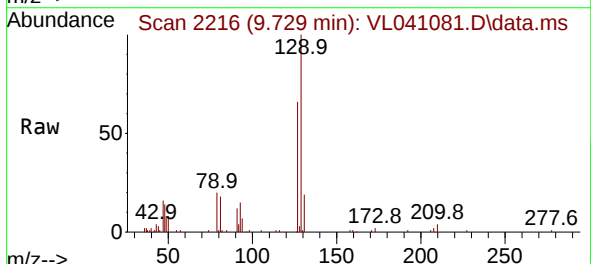
Acq: 11 Mar 2024 10:27

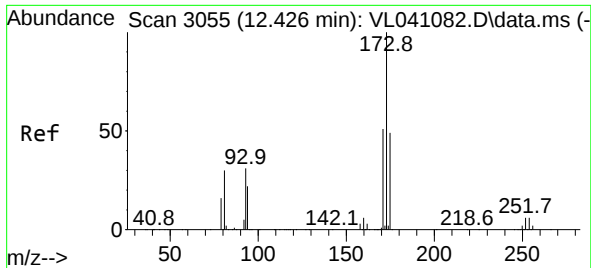
Tgt Ion:129 Resp: 74951

Ion Ratio Lower Upper

129 100

127 82.1 39.6 118.8





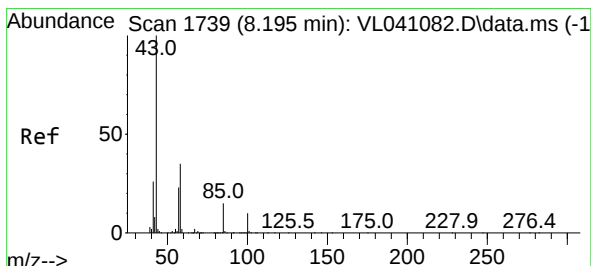
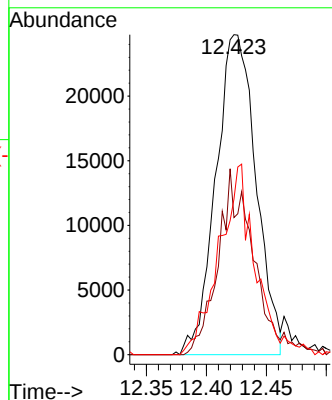
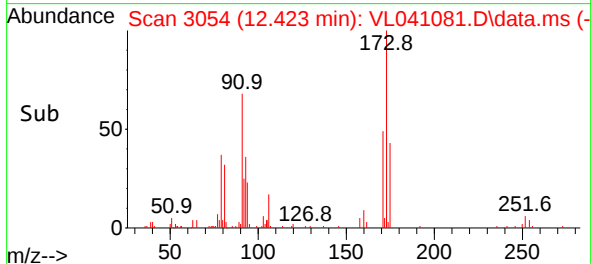
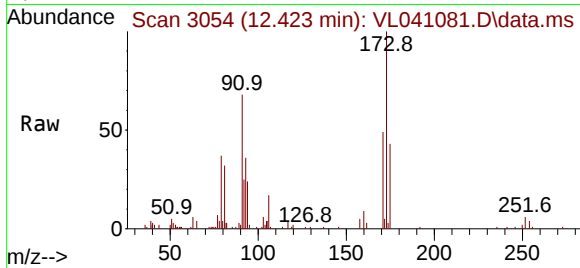
#49
Bromoform
Concen: 0.405 ppbv
RT: 12.423 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5

Tgt Ion: 173 Resp: 5761
Ion Ratio Lower Upper
173 100
175 51.6 39.0 58.6
171 53.9 41.8 62.8

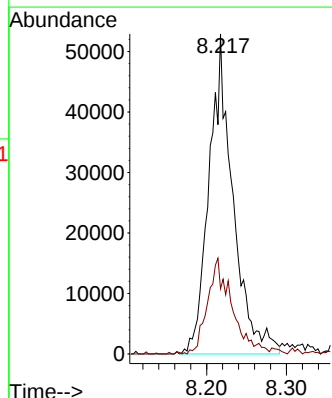
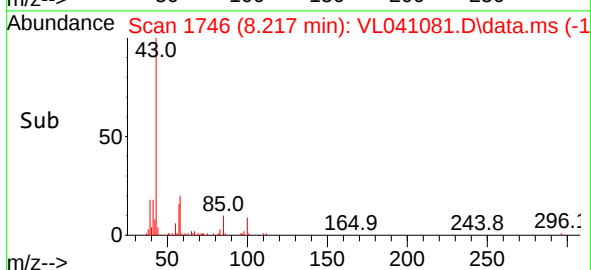
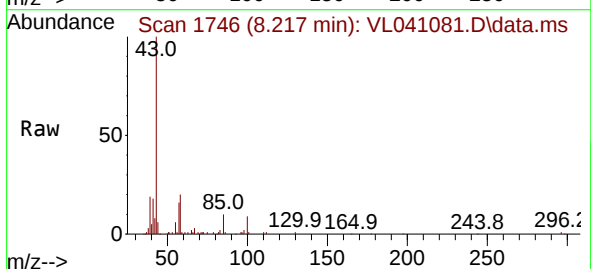
Manual Integrations
APPROVED

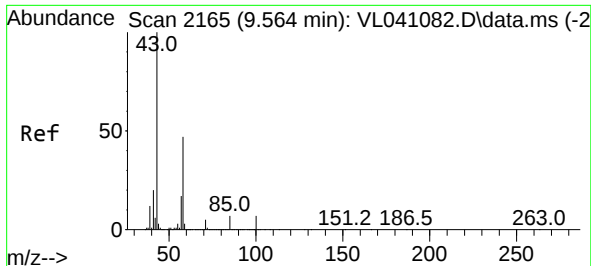
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#50
4-Methyl-2-Pentanone
Concen: 0.436 ppbv m
RT: 8.217 min Scan# 1746
Delta R.T. 0.023 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

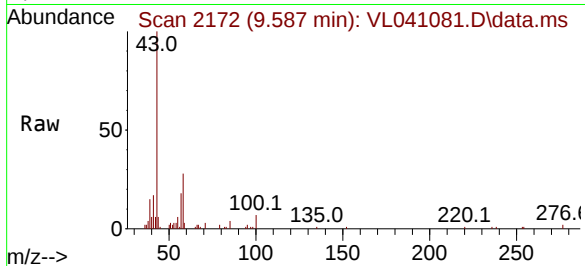
Tgt Ion: 43 Resp: 110153
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#





#51
2-Hexanone
Concen: 0.397 ppbv m
RT: 9.587 min Scan# 2165
Delta R.T. 0.023 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

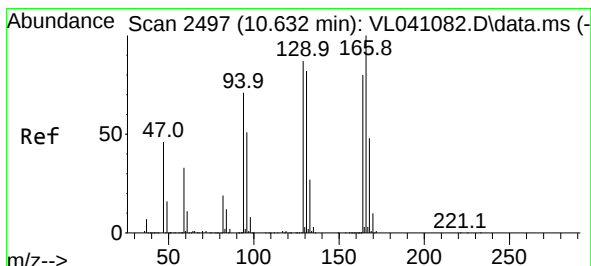
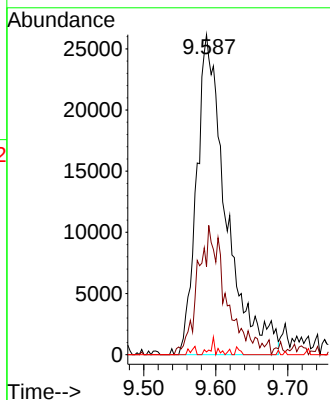
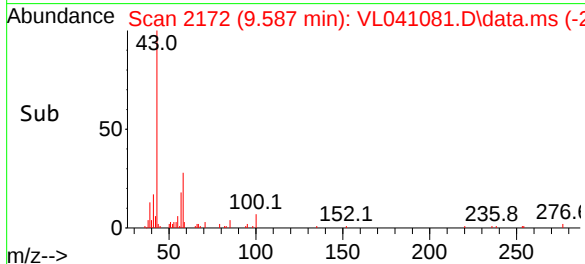
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 7427
Ion Ratio Lower Upper
43 100
58 39.1 37.4 56.2
98 1.2 0.4 0.6

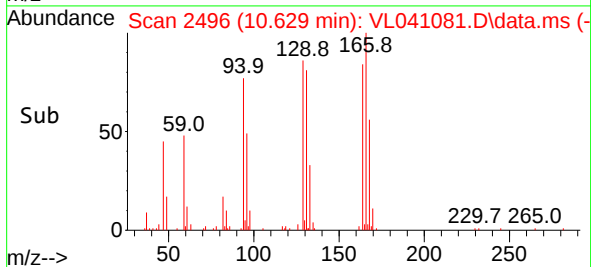
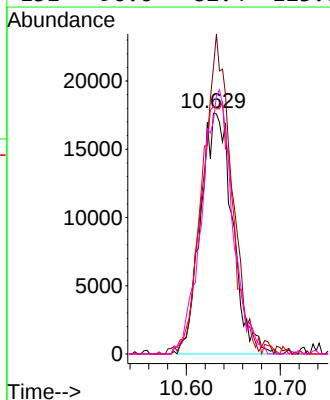
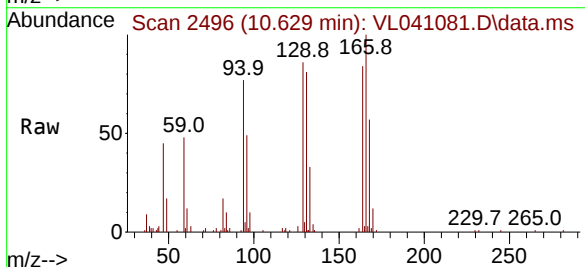
Manual Integrations
APPROVED

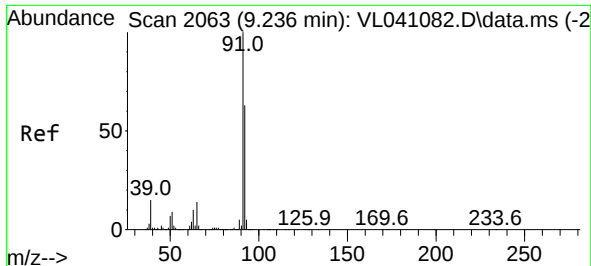
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Tetrachloroethene
Concen: 0.521 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion:164 Resp: 41697
Ion Ratio Lower Upper
164 100
166 118.8 100.6 150.8
129 102.8 87.2 130.8
131 96.6 82.4 123.6





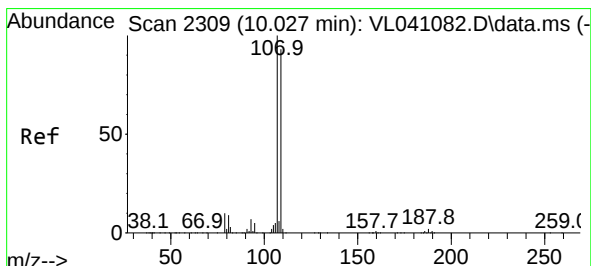
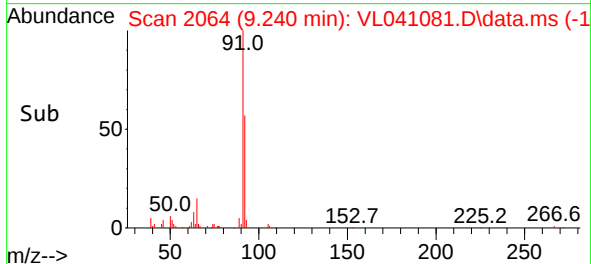
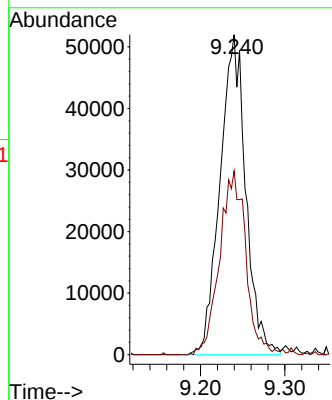
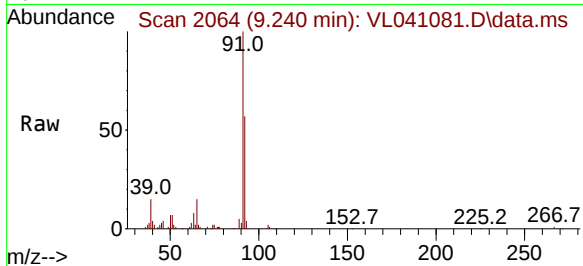
#53
Toluene
Concen: 0.397 ppbv m
RT: 9.240 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 110000
Ion Ratio Lower Upper
91 100
92 58.9 48.9 73.3

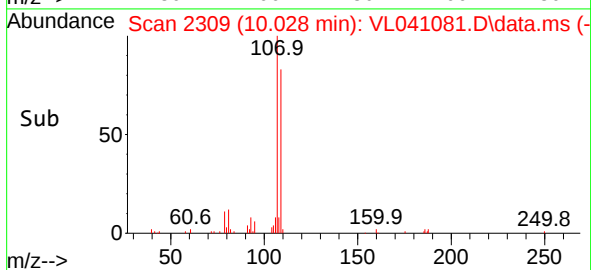
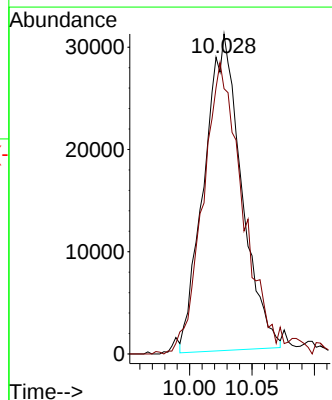
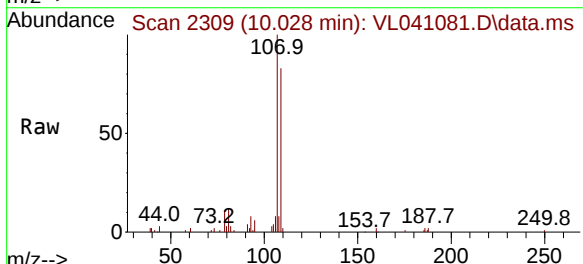
Manual Integrations
APPROVED

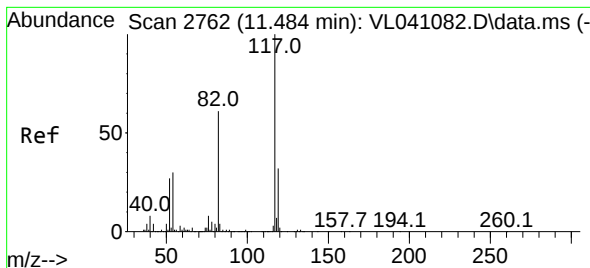
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#54
1,2-Dibromoethane
Concen: 0.458 ppbv
RT: 10.028 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

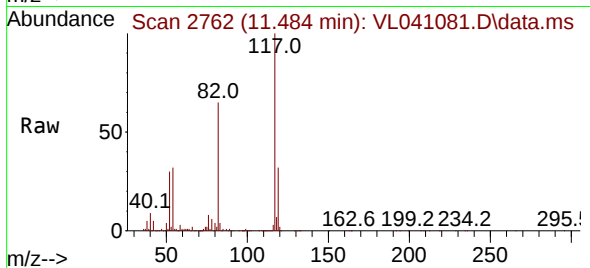
Tgt Ion:107 Resp: 64555
Ion Ratio Lower Upper
107 100
109 78.5 74.4 111.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

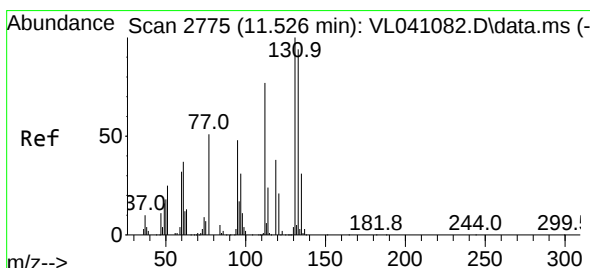
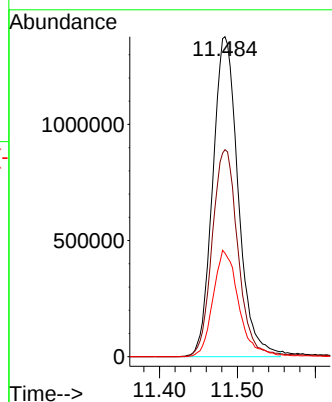
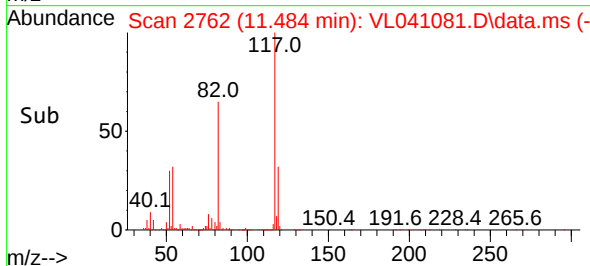
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



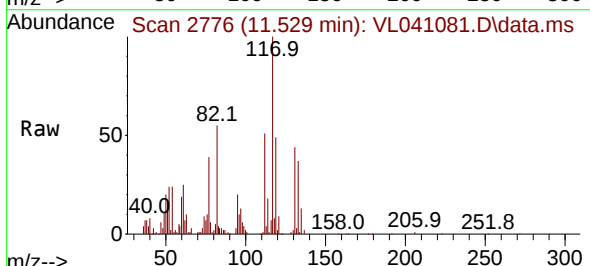
Tgt Ion:117 Resp: 312983
Ion Ratio Lower Upper
117 100
82 66.5 51.4 77.2
119 33.9 23.7 35.5

Manual Integrations
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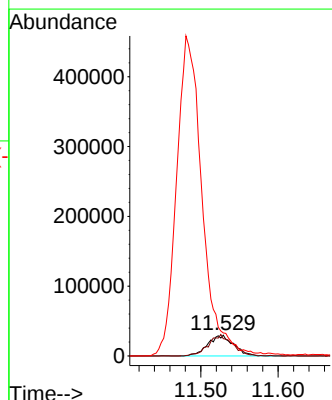
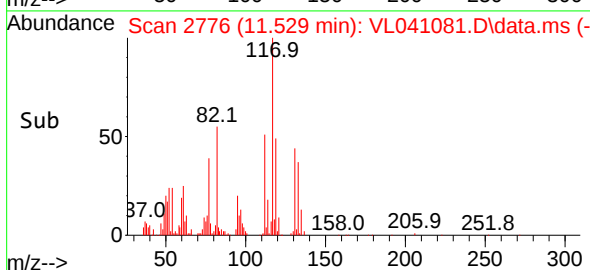
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

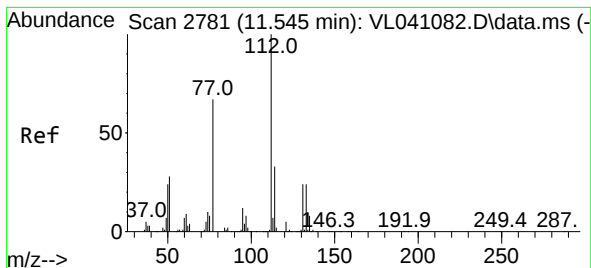


#56
1,1,1,2-Tetrachloroethane
Concen: 0.515 ppbv m
RT: 11.529 min Scan# 2776
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



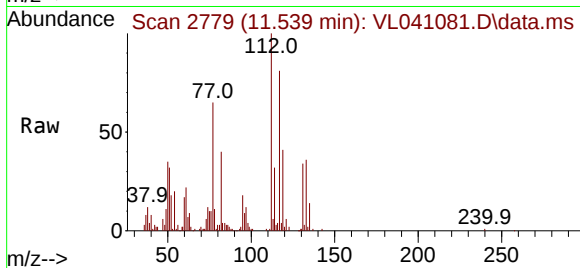
Tgt Ion:131 Resp: 69041
Ion Ratio Lower Upper
131 100
133 96.2 76.1 114.1
119 0.0 51.1 76.7#





#57
Chlorobenzene
Concen: 0.519 ppbv m
RT: 11.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

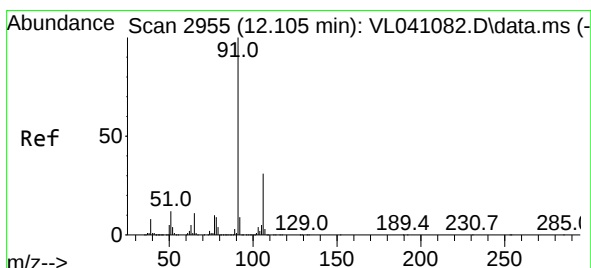
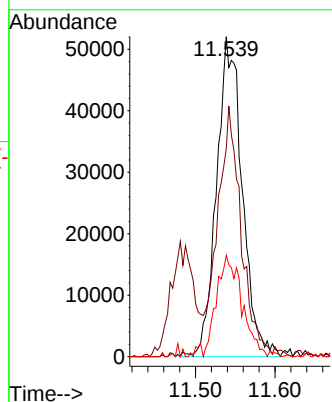
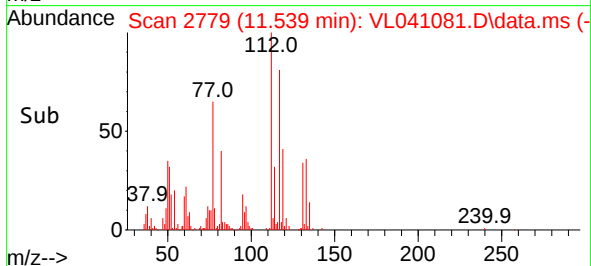
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 116260
Ion Ratio Lower Upper
112 100
77 65.0 54.6 81.8
114 31.7 29.4 36.0

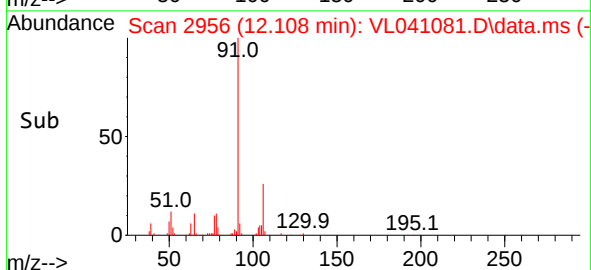
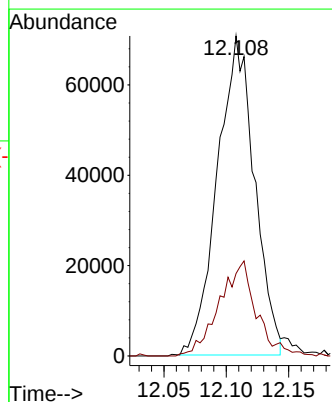
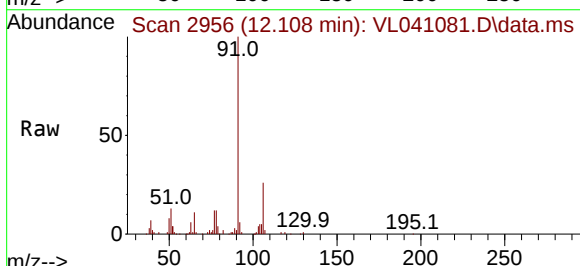
Manual Integrations
APPROVED

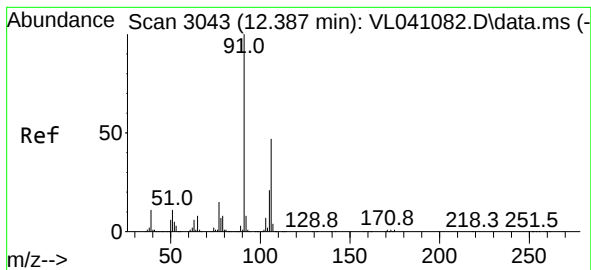
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#58
Ethyl Benzene
Concen: 0.399 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 91 Resp: 146325
Ion Ratio Lower Upper
91 100
106 25.3 24.6 36.8





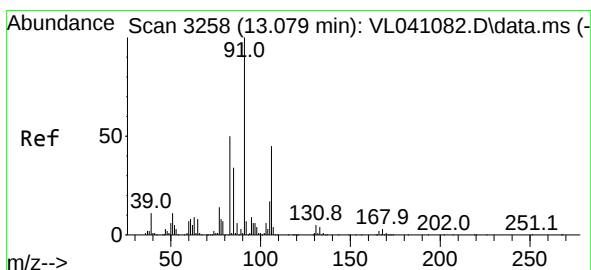
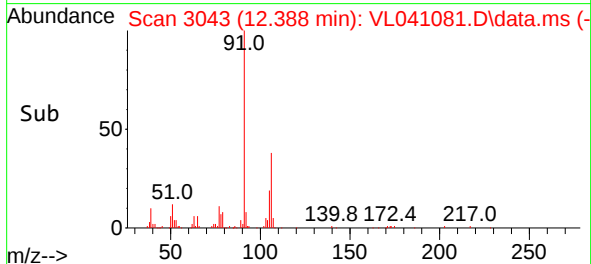
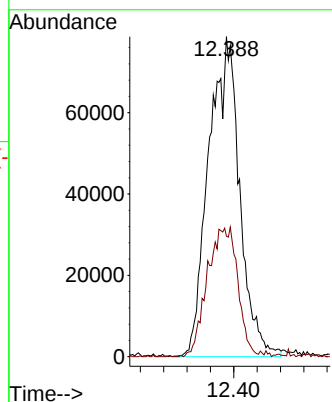
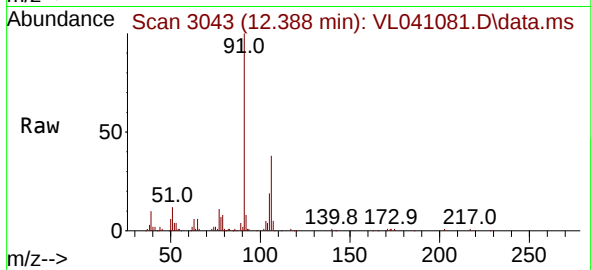
#59
m/p-Xylene
Concen: 0.902 ppbv m
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 29026
Ion Ratio Lower Upper
91 100
106 40.4 35.4 53.2

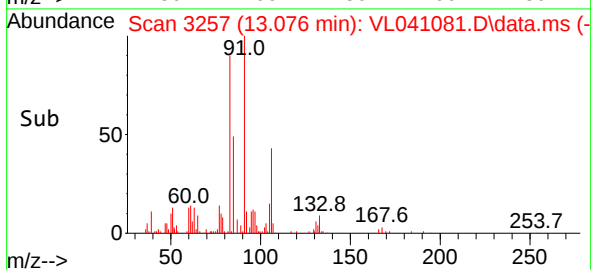
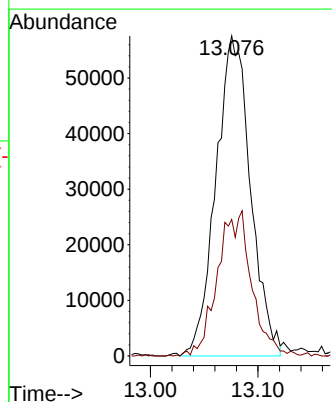
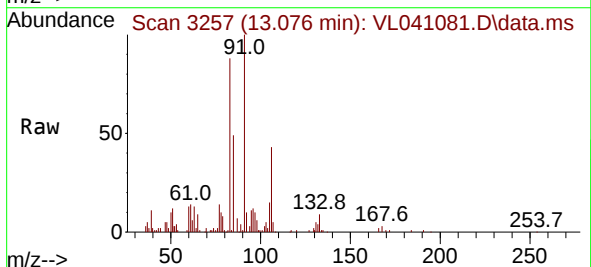
Manual Integrations
APPROVED

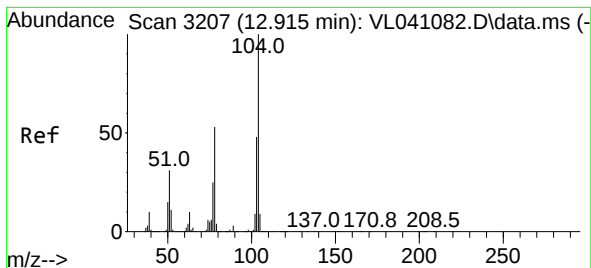
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#60
o-Xylene
Concen: 0.423 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion: 91 Resp: 128985
Ion Ratio Lower Upper
91 100
106 44.7 22.4 67.3





#61

Styrene

Concen: 0.314 ppbv m

RT: 12.918 min Scan# 3207

Delta R.T. 0.003 min

Lab File: VL041081.D

Acq: 11 Mar 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

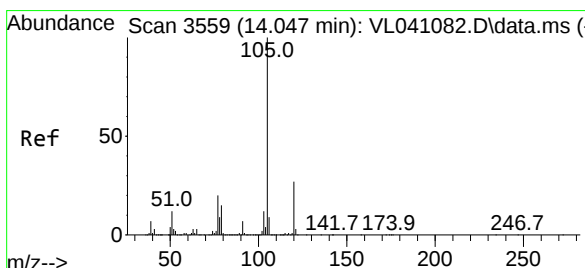
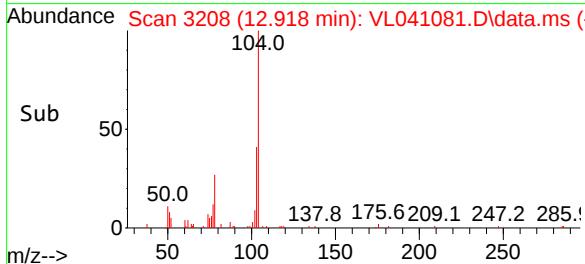
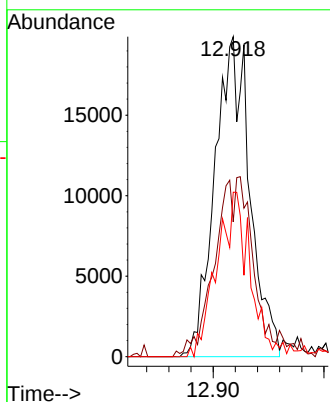
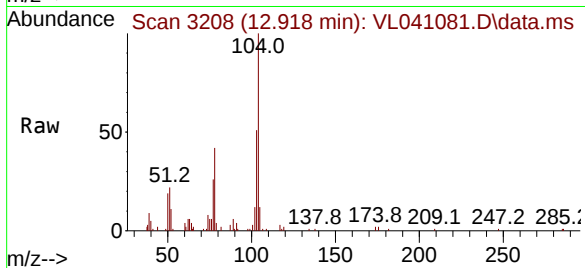
VSTDIC0.5

Tgt Ion:104 Resp: 43639
 Ion Ratio Lower Upper
 104 100
 78 0.0 42.6 64.0
 103 49.8 37.3 55.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#62

Isopropylbenzene

Concen: 0.470 ppbv

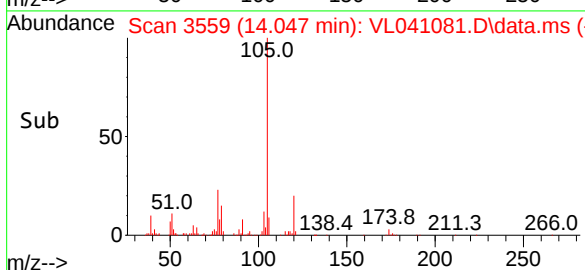
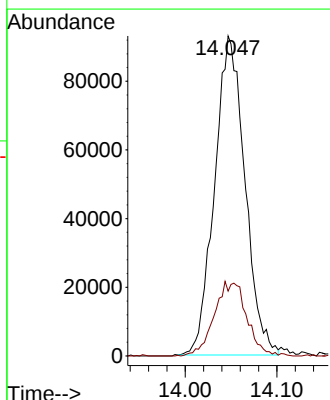
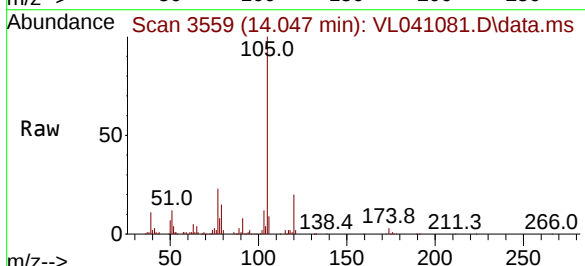
RT: 14.047 min Scan# 3559

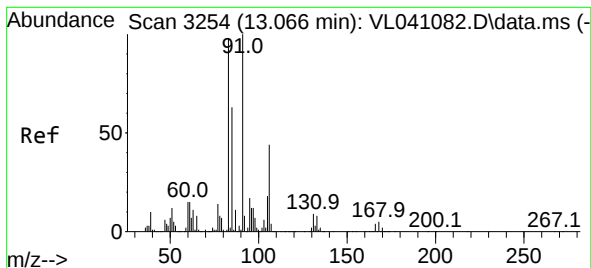
Delta R.T. 0.000 min

Lab File: VL041081.D

Acq: 11 Mar 2024 10:27

Tgt Ion:105 Resp: 213526
 Ion Ratio Lower Upper
 105 100
 120 24.9 20.5 30.7





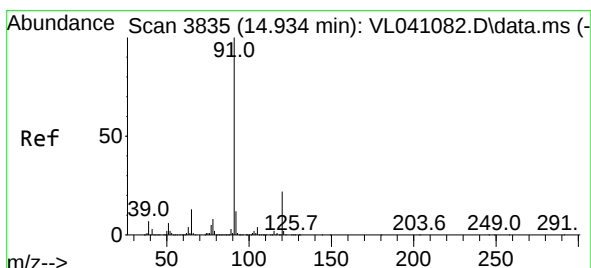
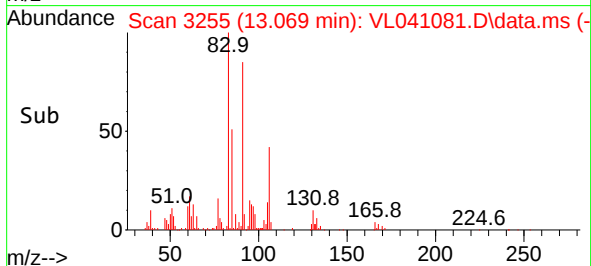
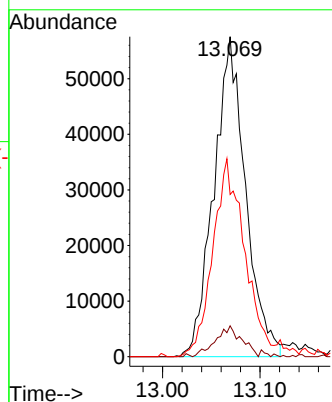
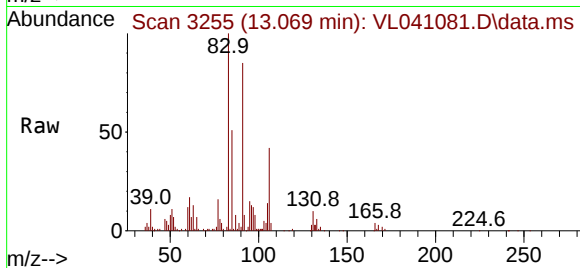
#63
1,1,2,2-Tetrachloroethane
Concen: 0.558 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 130079
Ion Ratio Lower Upper
83 100
131 8.7 4.7 14.0
85 65.4 32.7 98.1

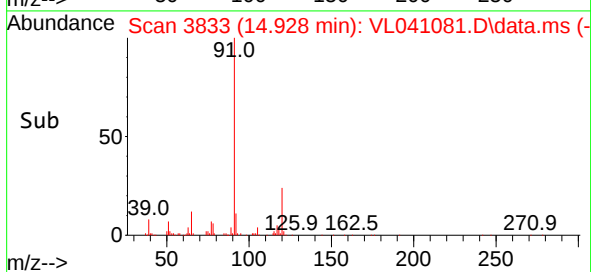
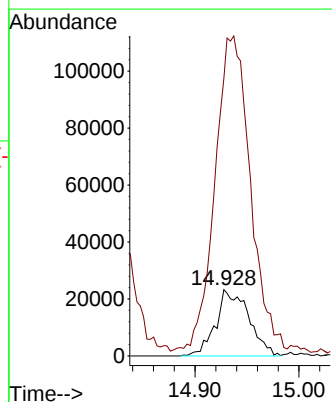
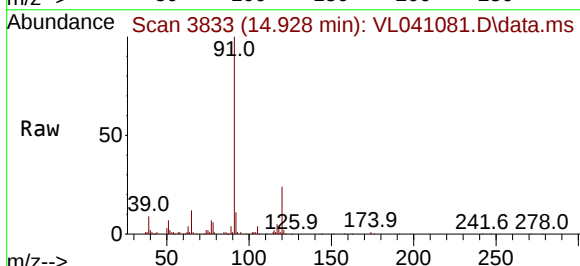
Manual Integrations
APPROVED

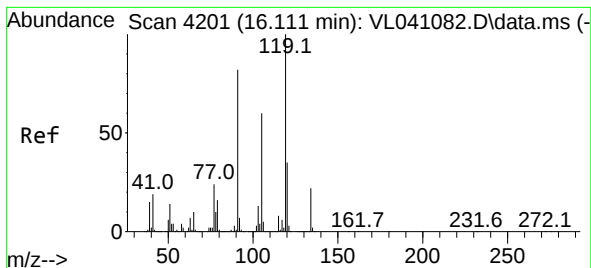
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#64
n-propylbenzene
Concen: 0.450 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. -0.006 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

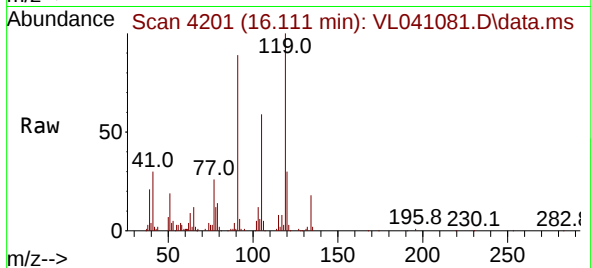
Tgt Ion:120 Resp: 51487
Ion Ratio Lower Upper
120 100
91 546.3 387.5 581.3





#65
tert-Butylbenzene
Concen: 0.459 ppbv m
RT: 16.111 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

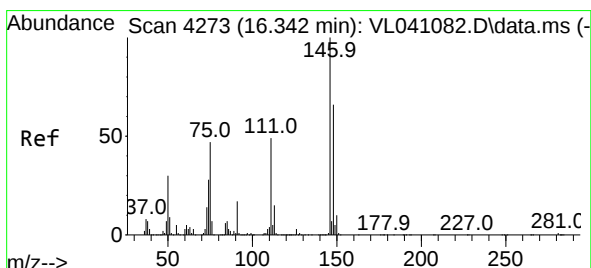
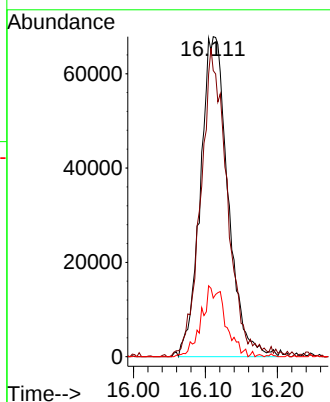
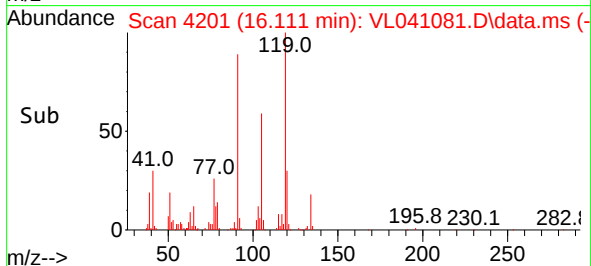
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



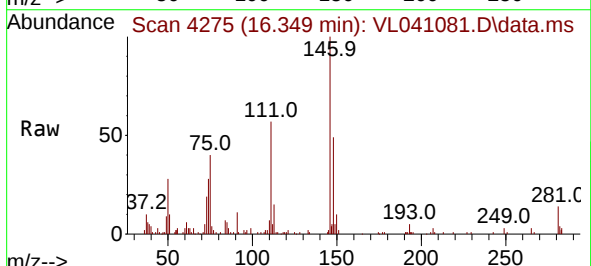
Tgt Ion: 119 Resp: 18085
Ion Ratio Lower Upper
119 100
91 93.1 67.8 101.8
134 0.0 16.2 24.2

Manual Integrations
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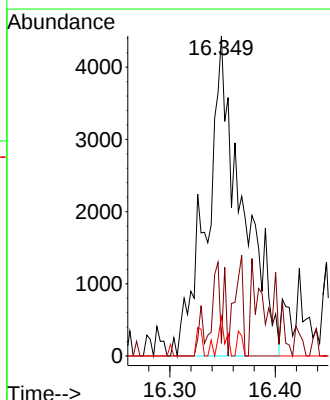
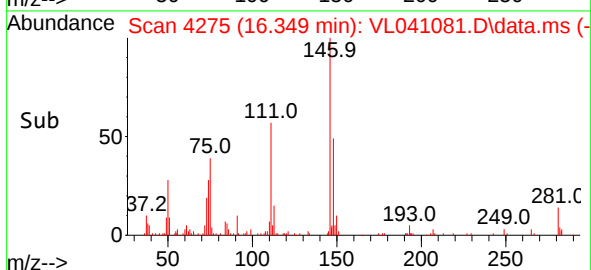
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

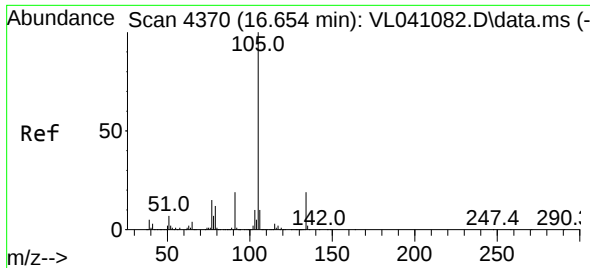


#66
Benzyl Chloride
Concen: 0.388 ppbv m
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



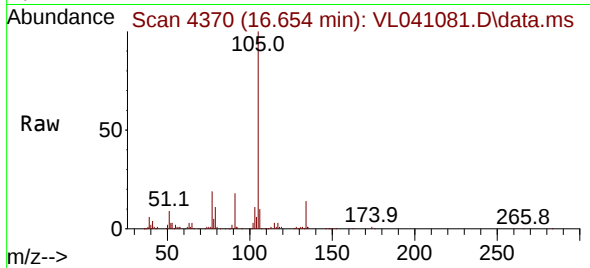
Tgt Ion: 91 Resp: 10291
Ion Ratio Lower Upper
91 100
126 10.4 14.1 21.1#
128 3.9 4.6 7.0#





#67
 sec-Butylbenzene
 Concen: 0.460 ppbv
 RT: 16.654 min Scan# 4370
 Delta R.T. 0.000 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

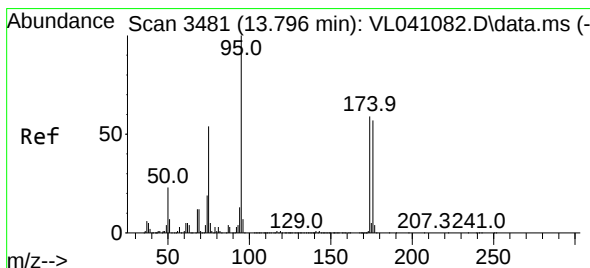
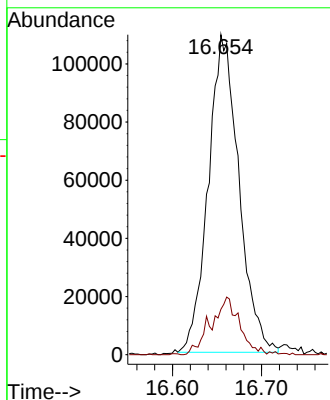
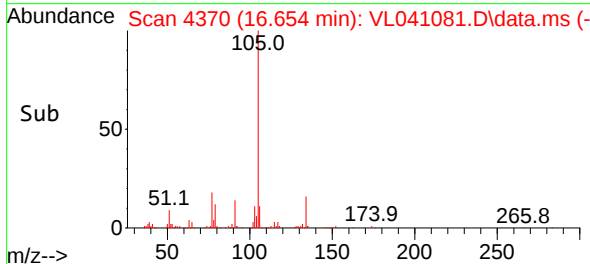
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 105 Resp: 260908
 Ion Ratio Lower Upper
 105 100
 134 16.9 14.3 21.5

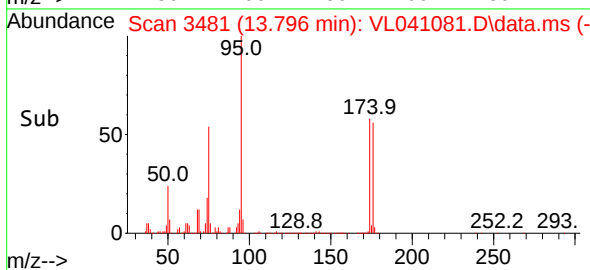
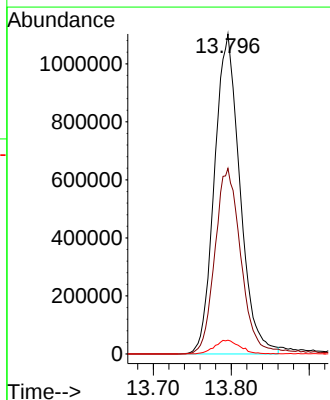
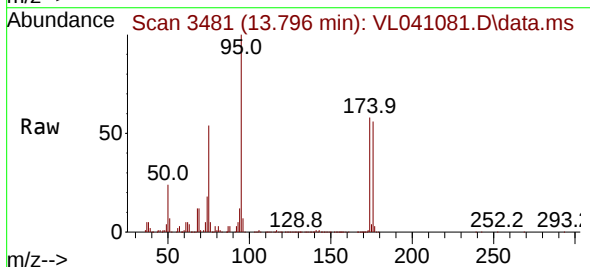
Manual Integrations
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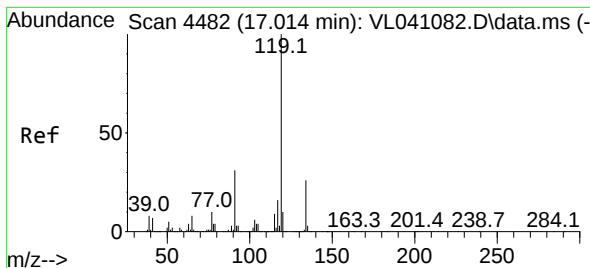
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.240 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.000 min
 Lab File: VL041081.D
 Acq: 11 Mar 2024 10:27

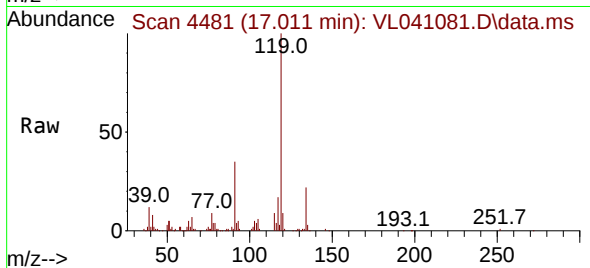
Tgt Ion: 95 Resp: 2505893
 Ion Ratio Lower Upper
 95 100
 174 60.2 47.8 71.8
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 0.441 ppbv m
RT: 17.011 min Scan# 4481
Delta R.T. -0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

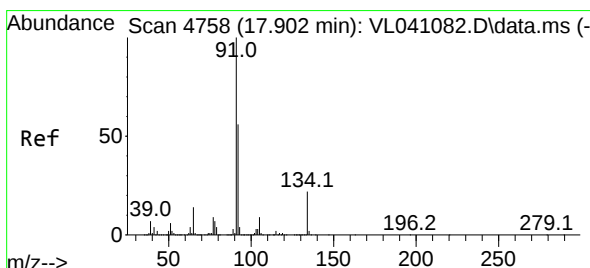
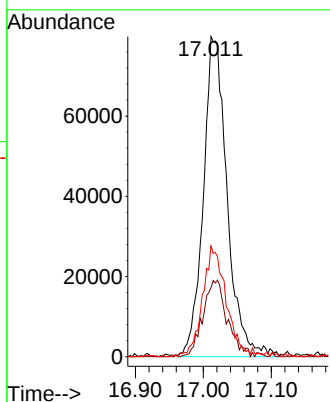
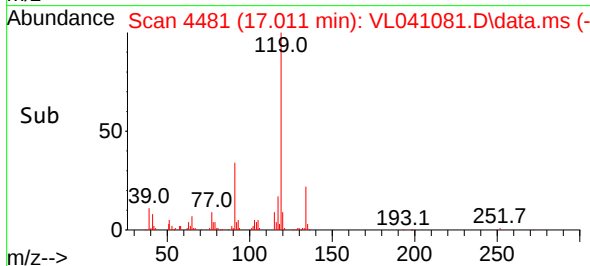
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



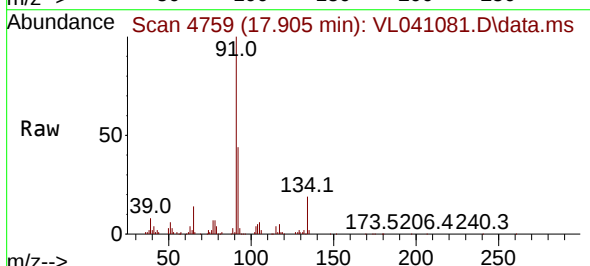
Tgt Ion:119 Resp: 194909
Ion Ratio Lower Upper
119 100
134 0.0 20.6 30.8
91 35.0 24.7 37.1

Manual Integrations
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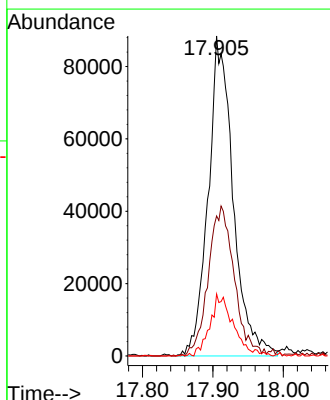
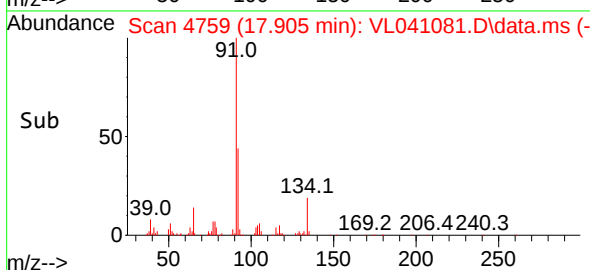
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

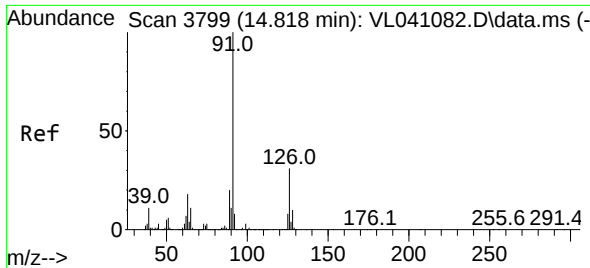


#70
n-Butylbenzene
Concen: 0.454 ppbv m
RT: 17.905 min Scan# 4759
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



Tgt Ion: 91 Resp: 217256
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.2
134 18.3 17.4 26.0





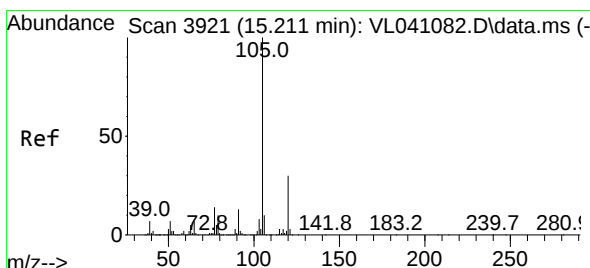
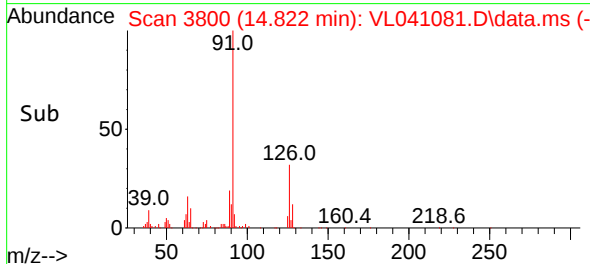
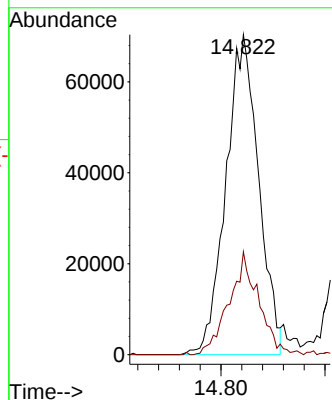
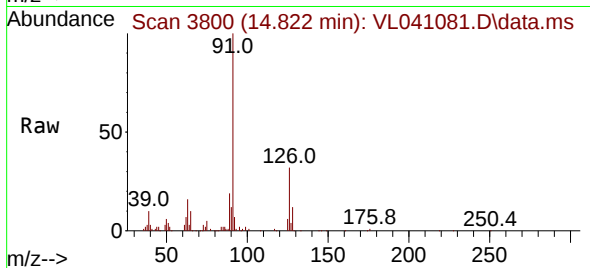
#71
2-Chlorotoluene
Concen: 0.443 ppbv
RT: 14.822 min Scan# 3799
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 153830
Ion Ratio Lower Upper
91 100
126 29.5 12.2 48.8

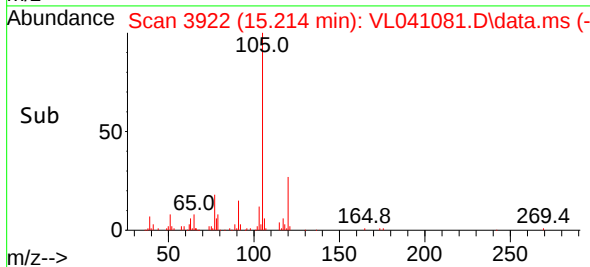
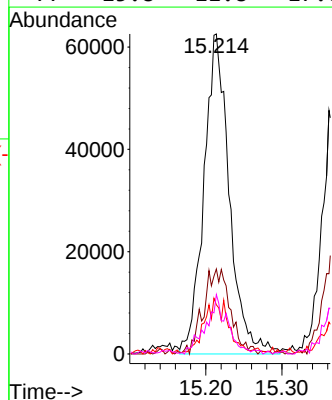
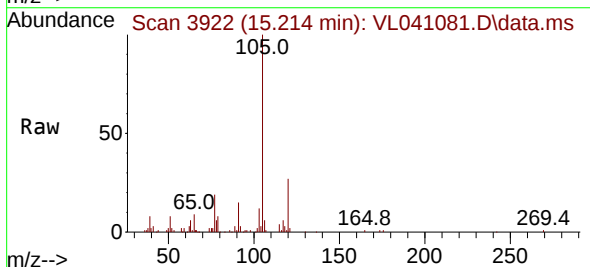
Manual Integrations
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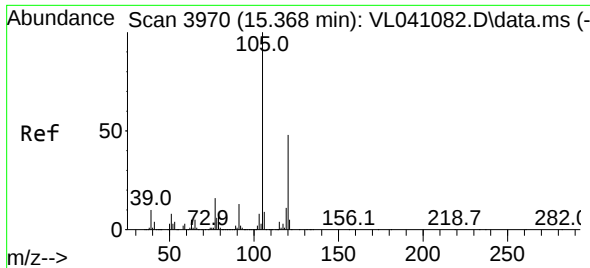
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#72
4-Ethyltoluene
Concen: 0.431 ppbv m
RT: 15.214 min Scan# 3922
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

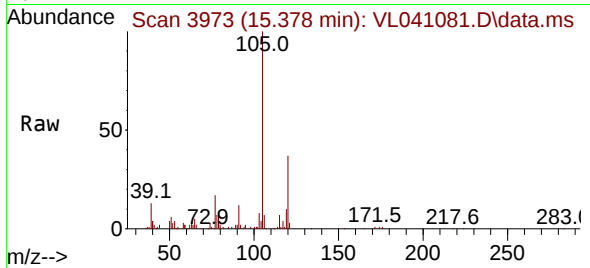
Tgt Ion:105 Resp: 144995
Ion Ratio Lower Upper
105 100
120 29.0 23.8 35.8
91 17.7 10.9 16.3#
77 15.8 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 0.448 ppbv m
RT: 15.378 min Scan# 3970
Delta R.T. 0.010 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

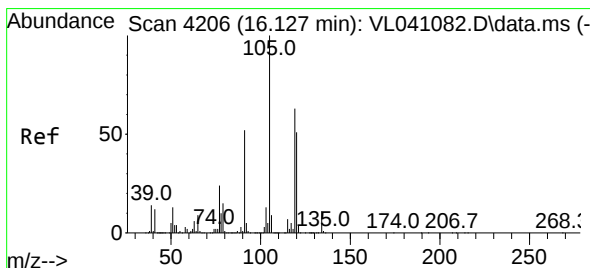
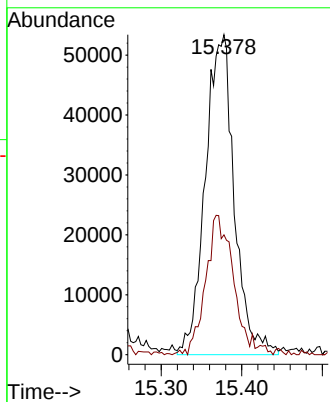
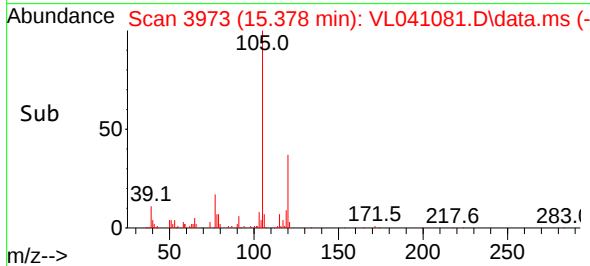
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



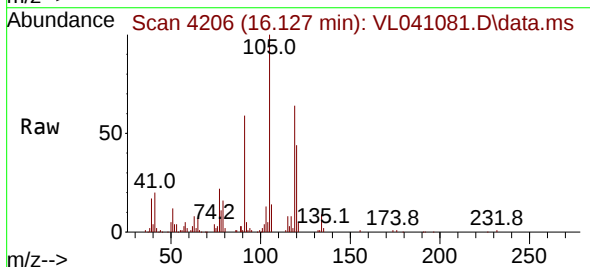
Tgt Ion:105 Resp: 133297
Ion Ratio Lower Upper
105 100
120 37.5 38.7 58.1

Manual Integrations
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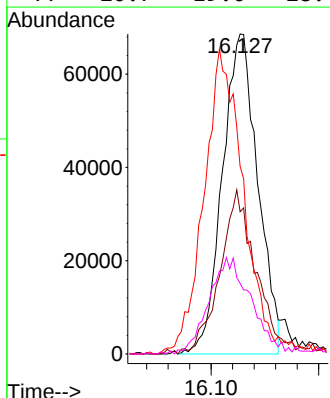
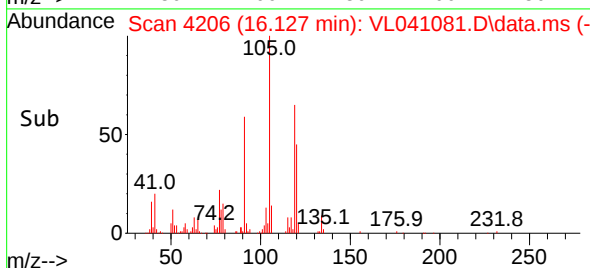
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

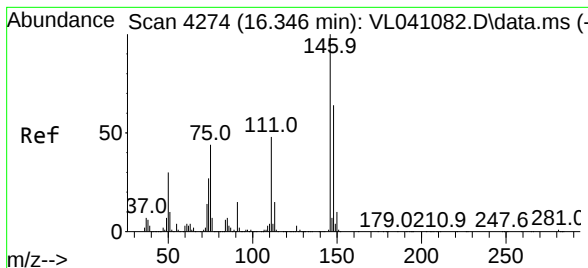


#74
1,2,4-Trimethylbenzene
Concen: 0.462 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



Tgt Ion:105 Resp: 156957
Ion Ratio Lower Upper
105 100
120 44.4 40.4 60.6
91 53.2 41.4 62.0
77 20.7 19.0 28.4





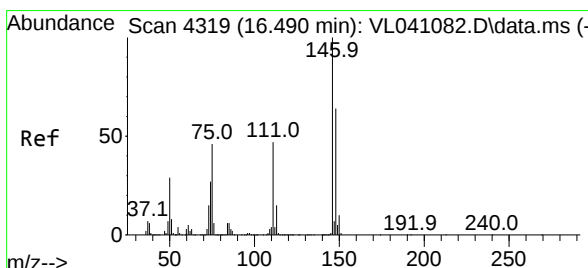
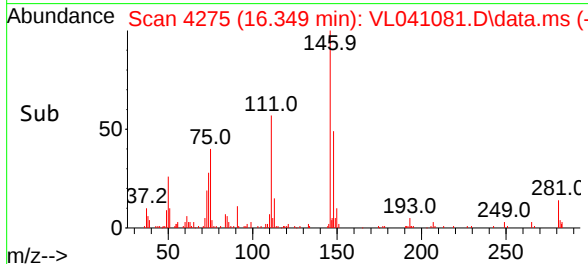
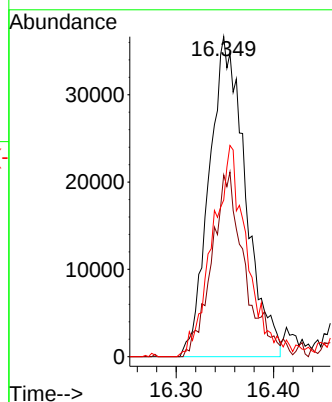
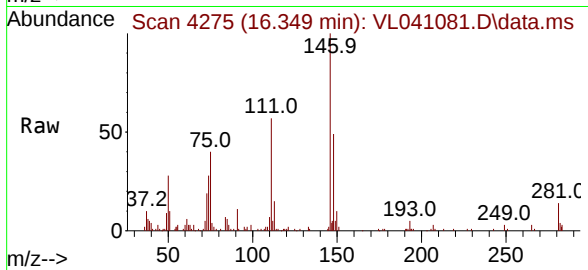
#75
1,3-Dichlorobenzene
Concen: 0.488 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.003 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 9473
Ion Ratio Lower Upper
146 100
111 53.8 24.1 72.2
148 64.3 32.6 97.7

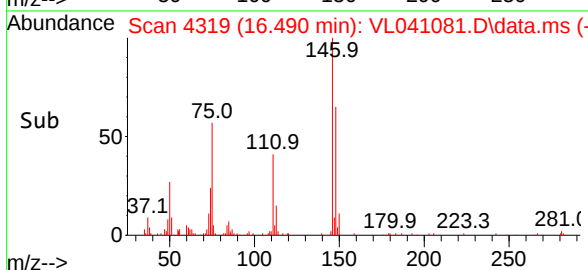
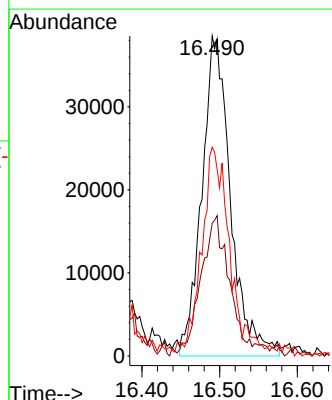
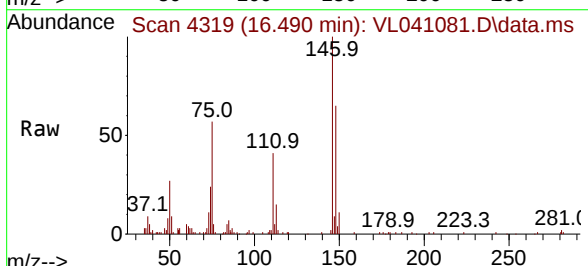
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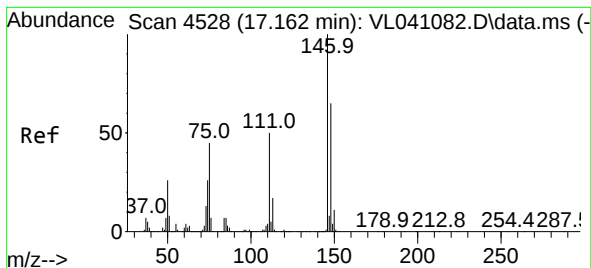
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#76
1,4-Dichlorobenzene
Concen: 0.508 ppbv m
RT: 16.490 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Tgt Ion:146 Resp: 99135
Ion Ratio Lower Upper
146 100
111 46.0 23.9 71.7
148 65.9 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 0.493 ppbv m

RT: 17.166 min Scan# 4528

Delta R.T. 0.003 min

Lab File: VL041081.D

Acq: 11 Mar 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

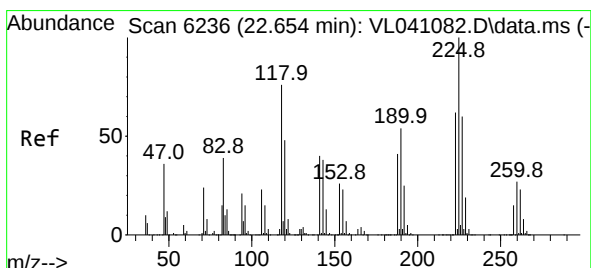
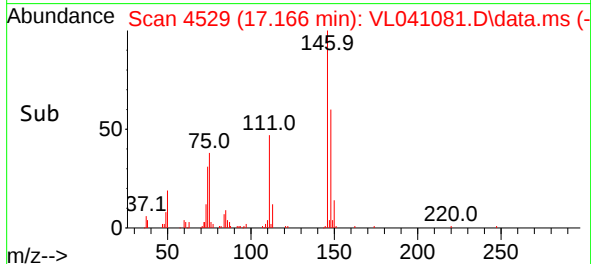
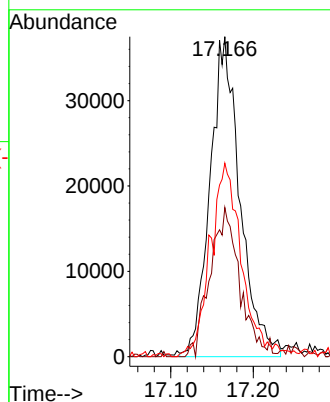
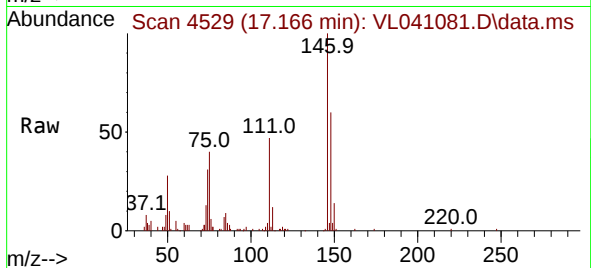
VSTDIC0.5

Tgt Ion:	146	Resp:	9453
Ion Ratio	Lower	Upper	
146	100		
111	46.9	25.2	75.6
148	64.9	32.4	97.0

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Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.542 ppbv m

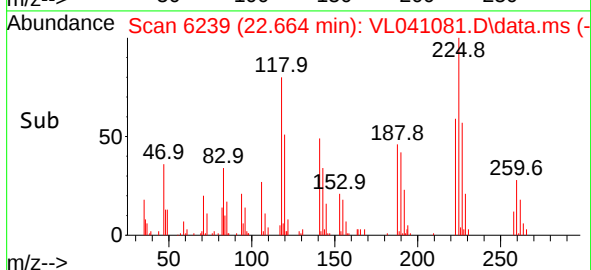
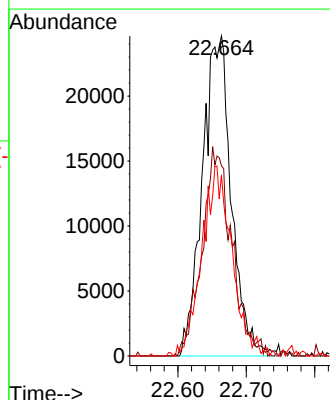
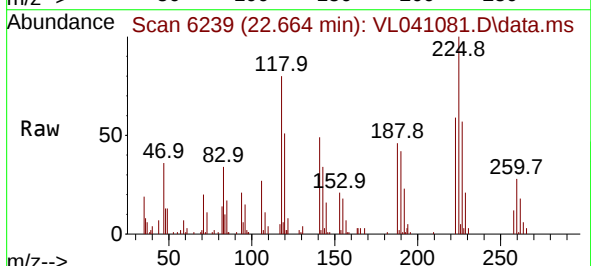
RT: 22.664 min Scan# 6239

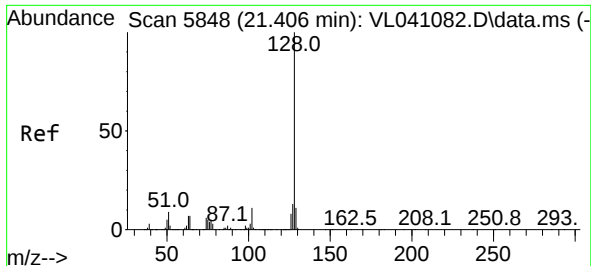
Delta R.T. 0.010 min

Lab File: VL041081.D

Acq: 11 Mar 2024 10:27

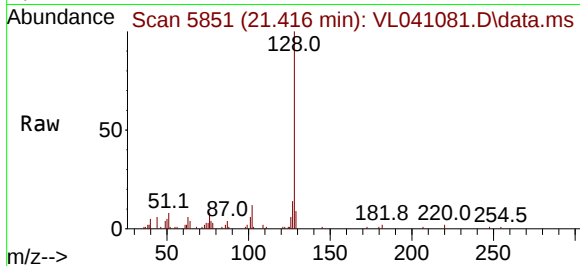
Tgt Ion:	225	Resp:	72646
Ion Ratio	Lower	Upper	
225	100		
223	66.5	51.1	76.7
227	61.1	51.1	76.7





#79
Naphthalene
Concen: 0.382 ppbv m
RT: 21.416 min Scan# 5848
Delta R.T. 0.010 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

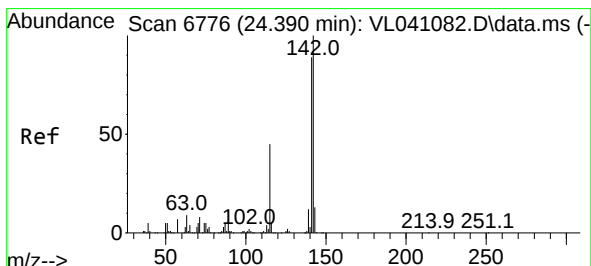
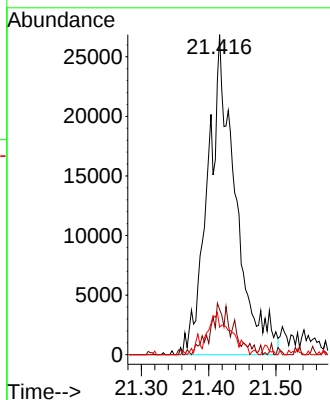
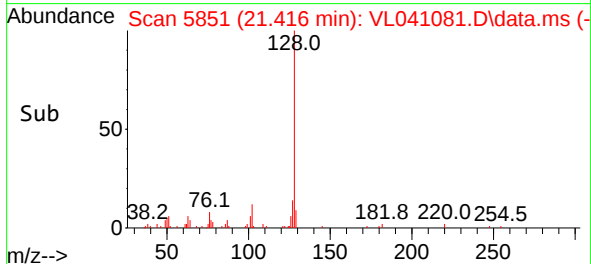
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



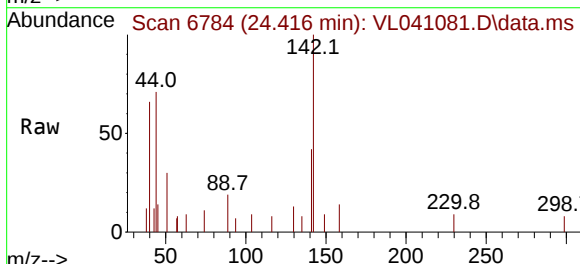
Tgt Ion:128 Resp: 76420
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 8.6 9.0 13.6

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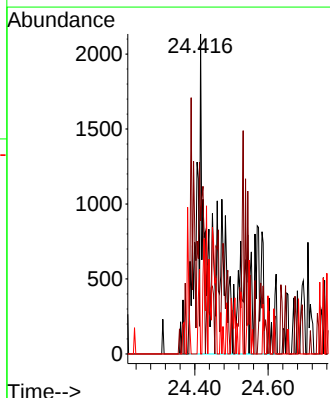
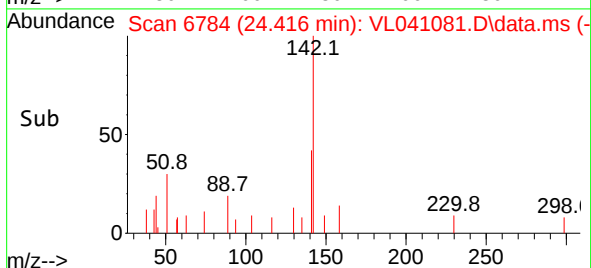
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

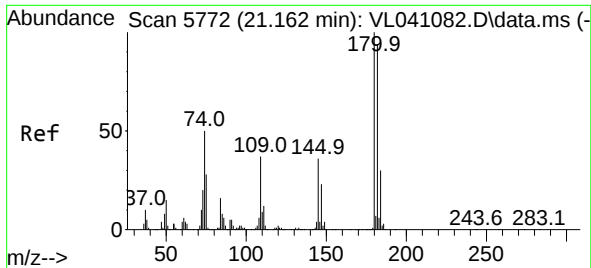


#80
Naphthalene,2-methyl-
Concen: 0.286 ppbv m
RT: 24.416 min Scan# 6784
Delta R.T. 0.026 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27



Tgt Ion:142 Resp: 7462
Ion Ratio Lower Upper
142 100
141 30.9 61.3 91.9#
115 4.8 35.4 53.2#





#81
1,2,4-Trichlorobenzene
Concen: 0.452 ppbv m
RT: 21.175 min Scan# 51
Delta R.T. 0.013 min
Lab File: VL041081.D
Acq: 11 Mar 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 51619
Ion Ratio Lower Upper
180 100
182 95.0 78.7 118.1
184 30.8 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

