

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040792.D
 Acq On : 24 Oct 2023 11:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 24 16:13:43 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Tue Oct 24 16:11:15 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	947542	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2616012	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.439	117	2612530	10.000	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 1948854 10.138 ppbv -0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	1907725	11.433	ppbv	98
3) Chlorodifluoromethane	2.690	51	1493661	10.726	ppbv	97
4) Chloromethane	2.825	50	545241	9.916	ppbv	99
5) Vinyl Chloride	2.931	62	548704	9.657	ppbv	95
6) Bromomethane	3.128	94	231287	9.840	ppbv	93
7) Chloroethane	3.205	64	190425	10.295	ppbv	99
8) Dichlorotetrafluoroethane	2.870	85	1370755	10.837	ppbv	99
9) Propene	2.706	41	524239	10.136	ppbv	99
10) Heptane	7.561	43	1329239	10.230	ppbv	99
11) Trichlorofluoromethane	3.568	101	1443401	11.208	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1031625	11.231	ppbv	99
13) Ethanol	3.246	45	78005m	6.681	ppbv	
14) Bromoethene	3.372	108	430111	10.934	ppbv	99
15) Acetone	3.472	43	976094	9.965	ppbv	99
16) 1,3-Butadiene	2.996	39	532874	10.369	ppbv	98
17) tert-Butyl alcohol	3.880	59	764087	7.607	ppbv	99
18) 1,1-Dichloroethene	3.883	96	444595	10.800	ppbv	97
19) Isopropyl Alcohol	3.581	45	516452	8.190	ppbv #	40
20) Methylene Chloride	3.935	84	353728	8.669	ppbv	98
21) Allyl Chloride	3.999	41	664354	10.284	ppbv	96
22) trans-1,2-Dichloroethene	4.443	96	477535	10.899	ppbv	98
23) Vinyl Acetate	4.623	43	1110993	8.900	ppbv #	98
24) 1,1-Dichloroethane	4.558	63	951145	10.102	ppbv	99
25) Ethyl Acetate	5.195	43	2196949	10.236	ppbv	99
26) Hexane	5.205	57	950897	9.694	ppbv	97
27) Carbon Disulfide	4.124	76	1174608	10.853	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	706020	9.256	ppbv	99
29) Chloroform	5.266	83	1583266	11.155	ppbv	100
30) Cyclohexane	6.590	84	837083	10.028	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1007321	11.143	ppbv	98
32) 1,1,1-Trichloroethane	5.992	97	1586030	10.499	ppbv	99
34) 2-Butanone	4.780	43	1371886	11.586	ppbv	99
35) Carbon Tetrachloride	6.481	117	1686202	11.484	ppbv	99
36) Benzene	6.356	78	2100646	10.440	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1206811	11.711	ppbv	98
38) Trichloroethene	7.278	130	834345	9.369	ppbv	96
39) 1,2-Dichloropropane	7.057	63	823561	10.476	ppbv	96
40) 1,4-Dioxane	7.266	88	278003	9.345	ppbv #	50
41) Tetrahydrofuran	5.545	42	848531	10.348	ppbv	99
42) Bromodichloromethane	7.233	83	1784207	11.558	ppbv	99
43) Methyl Methacrylate	7.455	69	853892	10.601	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3421240	10.054	ppbv	99
45) t-1,3-Dichloropropene	8.690	75	643573	10.020	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040792.D
 Acq On : 24 Oct 2023 11:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

Quant Time: Oct 24 16:13:43 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Oct 24 16:11:15 2023

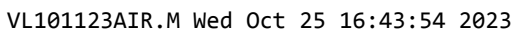
Response via : Initial Calibration

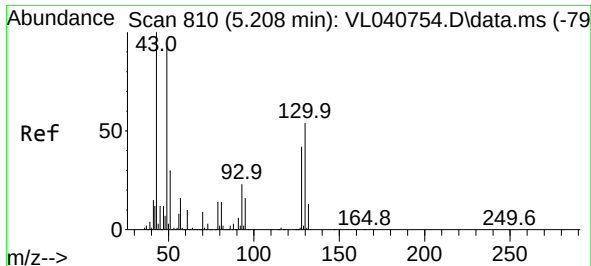
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	751757	9.580	ppbv	99
47) 1,1,2-Trichloroethane	8.876	97	881451	10.674	ppbv	97
48) Dibromochloromethane	9.687	129	1564994	11.309	ppbv	99
49) Bromoform	12.381	173	1243317	11.052	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	2172209	10.724	ppbv	98
51) 2-Hexanone	9.526	43	1635204	10.607	ppbv #	99
52) Tetrachloroethene	10.593	164	752943	9.212	ppbv	95
53) Toluene	9.198	91	2451539	10.237	ppbv	98
54) 1,2-Dibromoethane	9.986	107	1276748	11.029	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.481	131	1112913	10.438	ppbv	98
57) Chlorobenzene	11.500	112	1907750	10.192	ppbv	96
58) Ethyl Benzene	12.063	91	3310993	10.066	ppbv	99
59) m/p-Xylene	12.346	91	5497450m	20.306	ppbv	
60) o-Xylene	13.031	91	2602024	10.087	ppbv	99
61) Styrene	12.870	104	1448687	10.136	ppbv	98
62) Isopropylbenzene	14.002	105	3891752	9.807	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.018	83	1857196	9.603	ppbv	100
64) n-propylbenzene	14.886	120	1052899	9.877	ppbv	90
65) tert-Butylbenzene	16.063	119	3422266	9.562	ppbv	97
66) Benzyl Chloride	16.301	91	194141	5.384	ppbv	95
67) sec-Butylbenzene	16.603	105	4825112	9.846	ppbv	97
69) p-Isopropyltoluene	16.966	119	3975330	9.681	ppbv	99
70) n-Butylbenzene	17.857	91	4114925	10.205	ppbv	98
71) 2-Chlorotoluene	14.770	91	3026962	10.154	ppbv	98
72) 4-Ethyltoluene	15.166	105	3105881	10.282	ppbv	98
73) 1,3,5-Trimethylbenzene	15.323	105	2695505	10.135	ppbv	97
74) 1,2,4-Trimethylbenzene	16.079	105	2903740	9.993	ppbv	98
75) 1,3-Dichlorobenzene	16.301	146	1739051	9.623	ppbv	99
76) 1,4-Dichlorobenzene	16.442	146	1697250	9.483	ppbv	97
77) 1,2-Dichlorobenzene	17.114	146	1681835	9.485	ppbv	98
78) Hexachloro-1,3-Butadiene	22.599	225	1027078m	8.095	ppbv	
79) Naphthalene	21.349	128	2430905	10.292	ppbv	99
80) Naphthalene,2-methyl-	24.345	142	599987	9.052	ppbv	98
81) 1,2,4-Trichlorobenzene	21.104	180	1230830	9.598	ppbv	99

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

Manual Integrations APPROVED

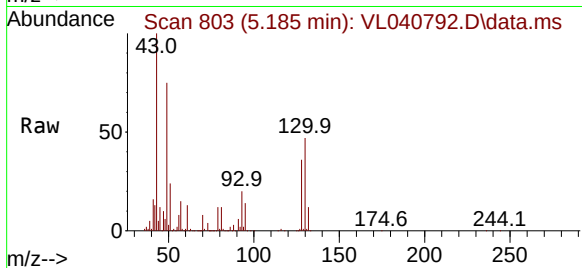
Quant Time: Oct 24 16:13:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Oct 24 16:11:15 2023
Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.185 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

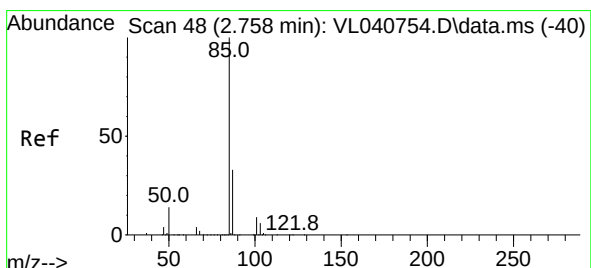
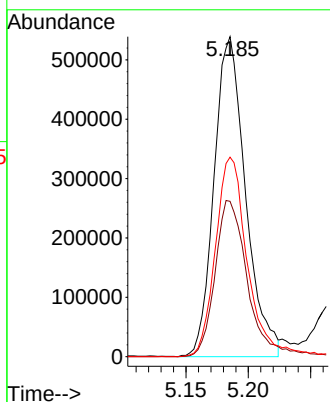
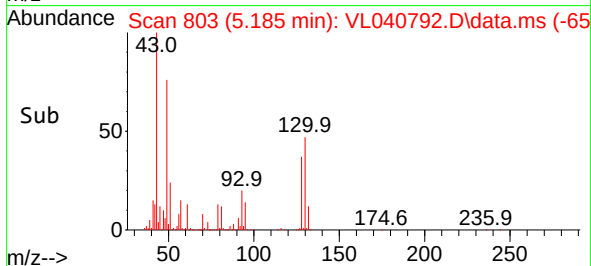
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 49 Resp: 94754
 Ion Ratio Lower Upper
 49 100
 128 51.6 23.9 71.7
 130 64.7 30.7 92.1

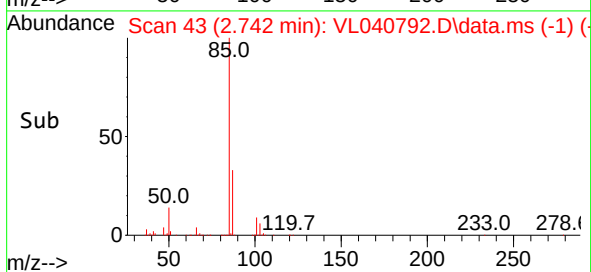
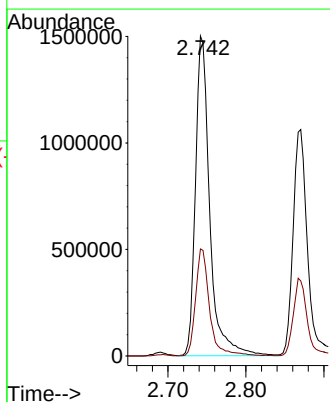
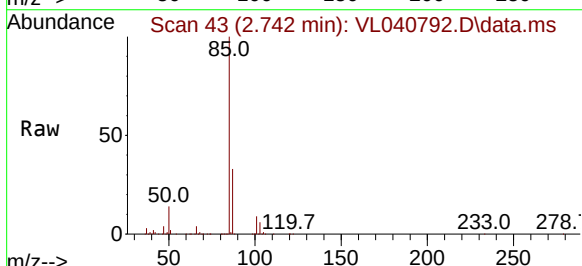
Manual Integrations
 APPROVED

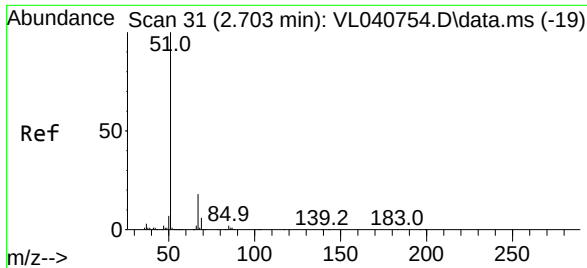
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#2
 Dichlorodifluoromethane
 Concen: 11.433 ppbv
 RT: 2.742 min Scan# 43
 Delta R.T. -0.016 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

Tgt Ion: 85 Resp: 1907725
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.0 39.0





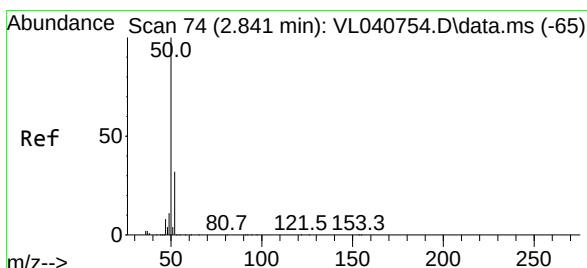
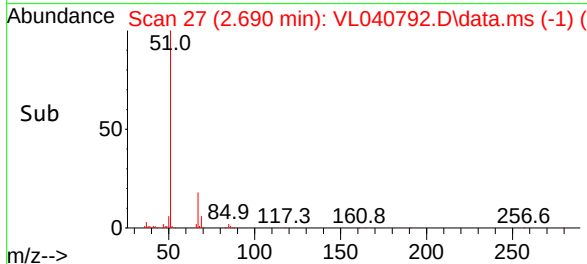
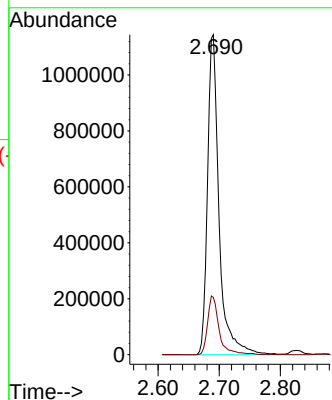
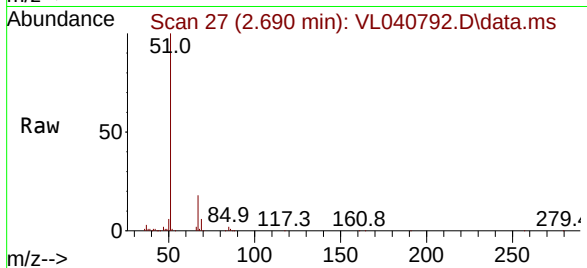
#3
Chlorodifluoromethane
Concen: 10.726 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 149366
Ion Ratio Lower Upper
51 100
67 18.4 13.8 20.6

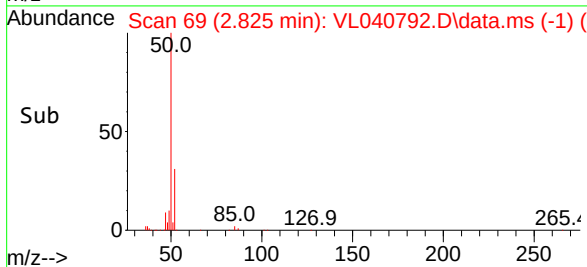
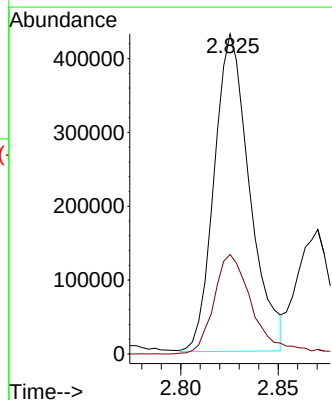
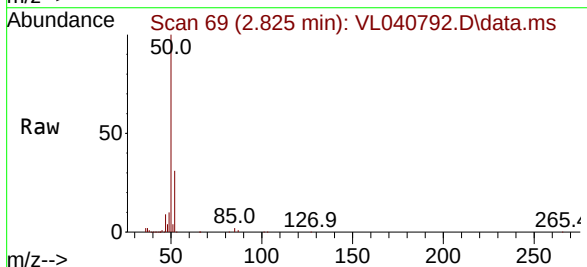
Manual Integrations
APPROVED

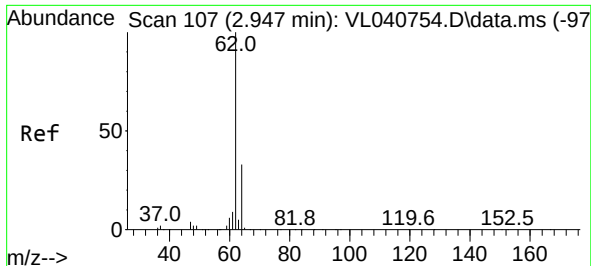
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#4
Chloromethane
Concen: 9.916 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.016 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion: 50 Resp: 545241
Ion Ratio Lower Upper
50 100
52 31.2 25.3 37.9





#5
 Vinyl Chloride
 Concen: 9.657 ppbv
 RT: 2.931 min Scan# 107
 Delta R.T. -0.016 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

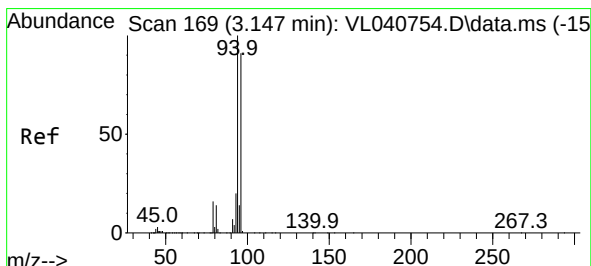
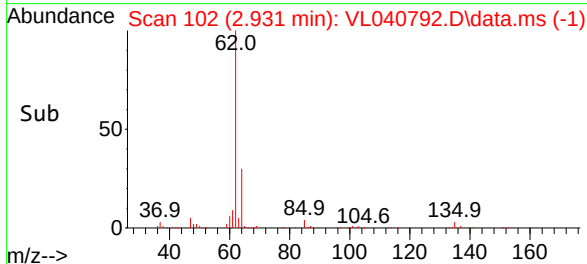
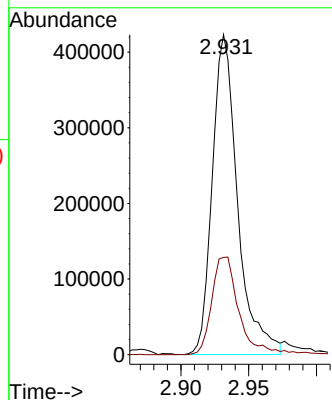
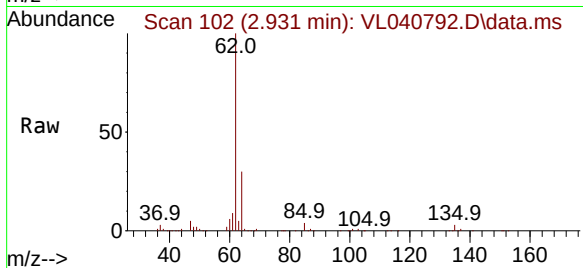
VSTDCCC010EC

Tgt Ion: 62 Resp: 548704
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.6 39.8

Manual Integrations

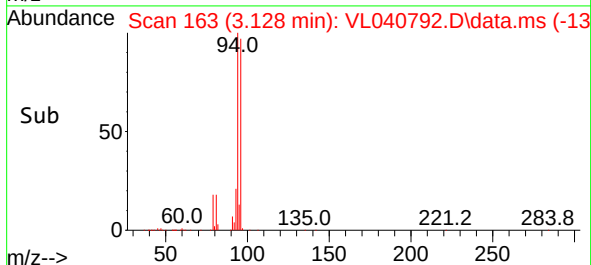
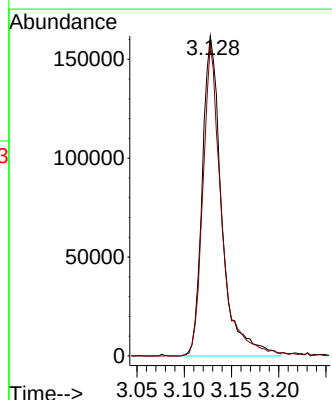
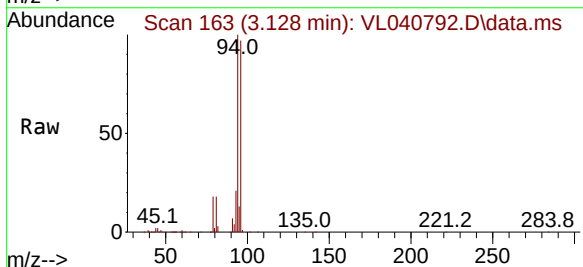
APPROVED

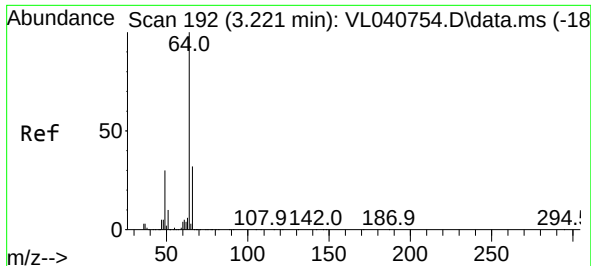
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#6
 Bromomethane
 Concen: 9.840 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. -0.019 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

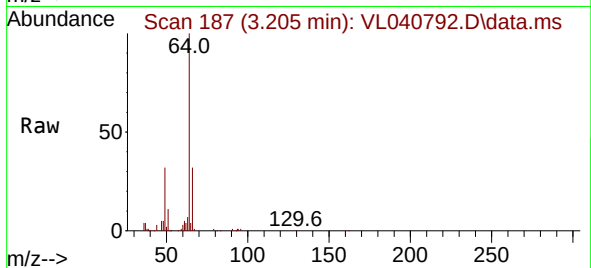
Tgt Ion: 94 Resp: 231287
 Ion Ratio Lower Upper
 94 100
 96 97.3 72.6 109.0





#7
Chloroethane
Concen: 10.295 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

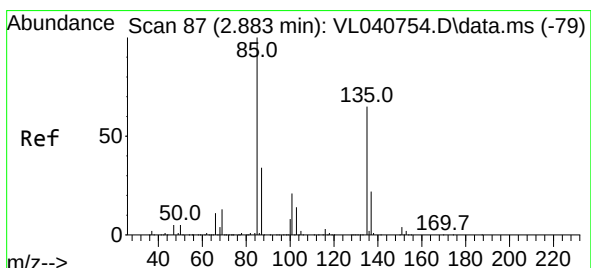
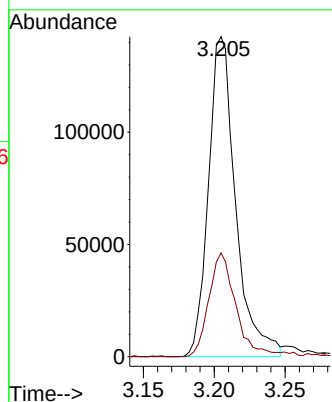
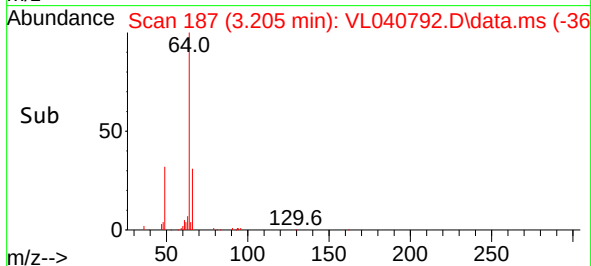
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 190425
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2

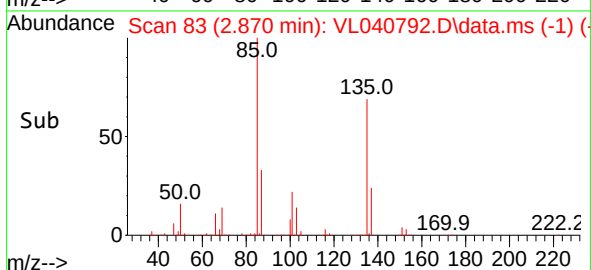
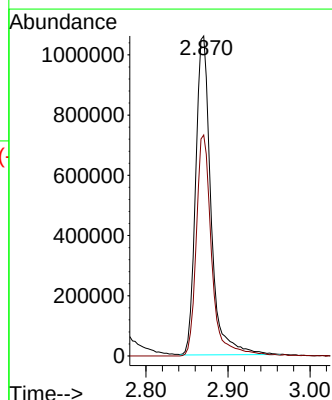
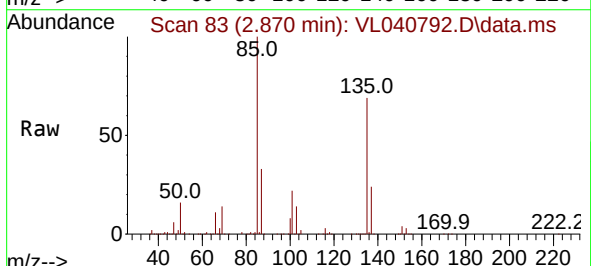
Manual Integrations
APPROVED

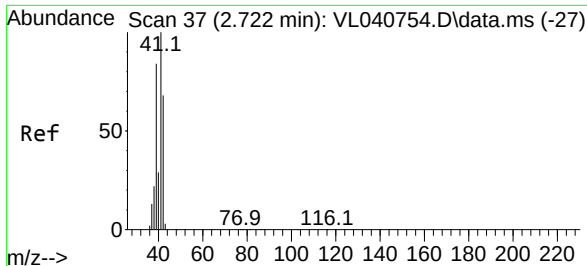
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#8
Dichlorotetrafluoroethane
Concen: 10.837 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

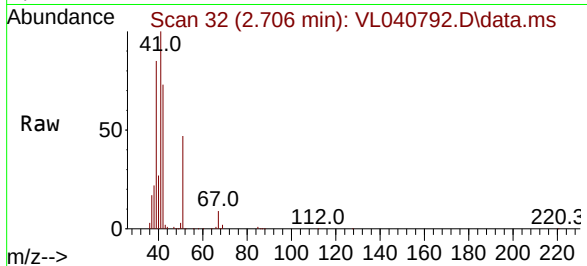
Tgt Ion: 85 Resp: 1370755
Ion Ratio Lower Upper
85 100
135 70.2 55.4 83.2





#9
 Propene
 Concen: 10.136 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

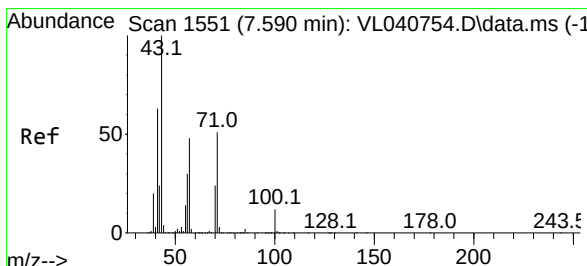
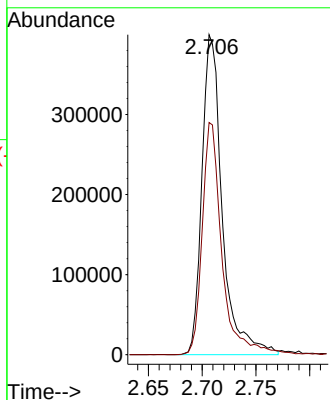
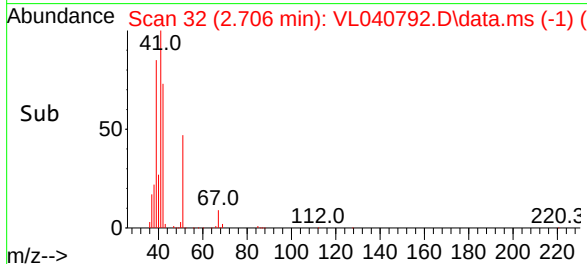
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 524239
 Ion Ratio Lower Upper
 41 100
 42 70.9 57.1 85.7

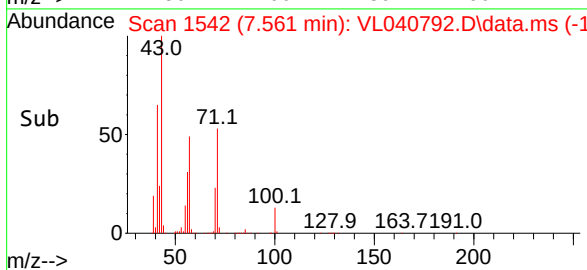
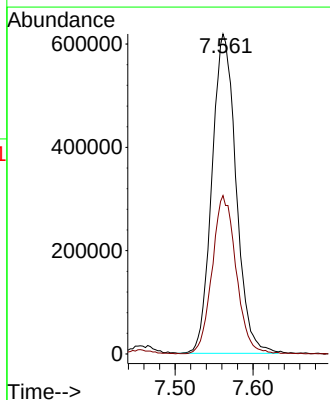
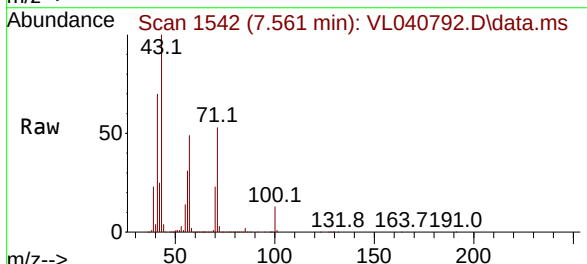
Manual Integrations
 APPROVED

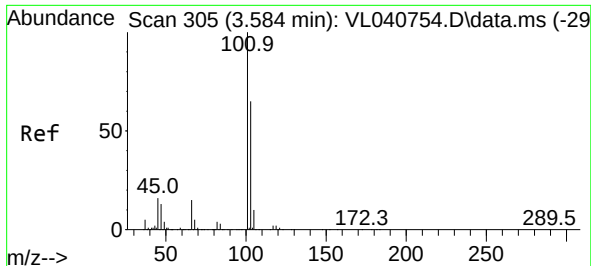
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#10
 Heptane
 Concen: 10.230 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. -0.029 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

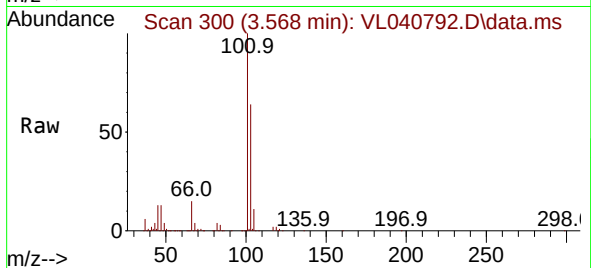
Tgt Ion: 43 Resp: 1329239
 Ion Ratio Lower Upper
 43 100
 57 49.4 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 11.208 ppbv
 RT: 3.568 min Scan# 305
 Delta R.T. -0.016 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

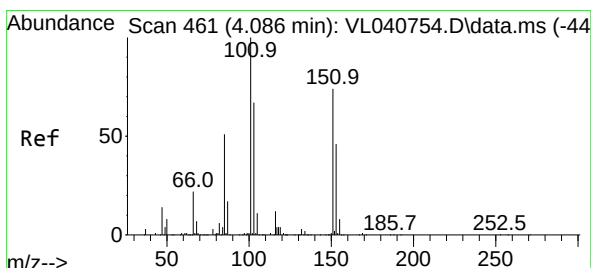
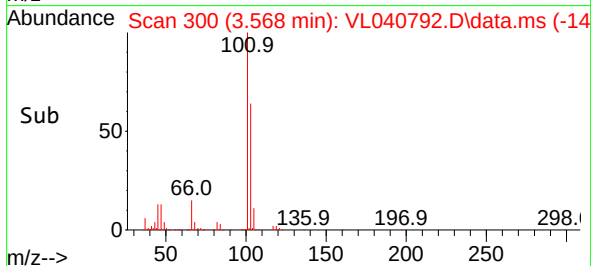
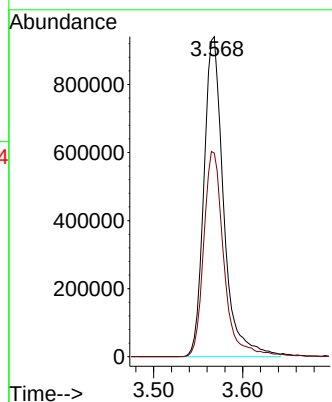
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 144340
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.2

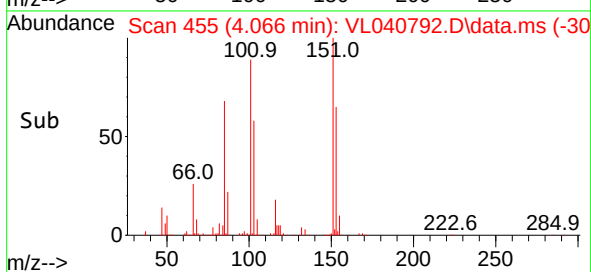
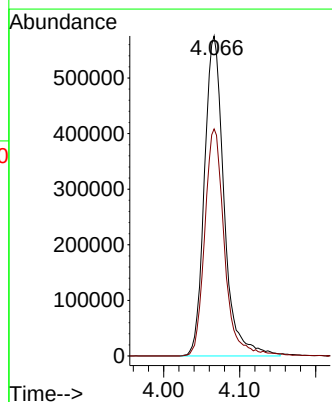
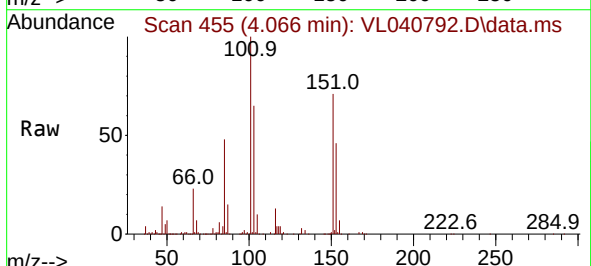
Manual Integrations
 APPROVED

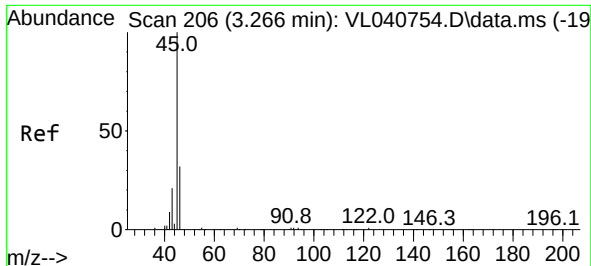
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.231 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.019 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

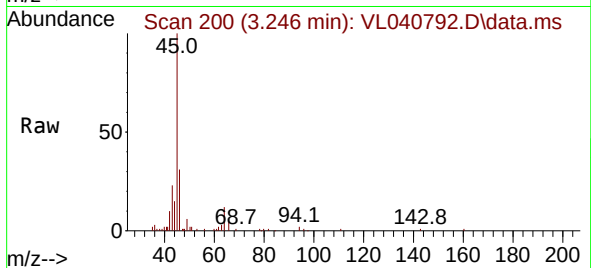
Tgt Ion:101 Resp: 1031625
 Ion Ratio Lower Upper
 101 100
 151 71.5 58.1 87.1





#13
Ethanol
Concen: 6.681 ppbv m
RT: 3.246 min Scan# 206
Delta R.T. -0.019 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

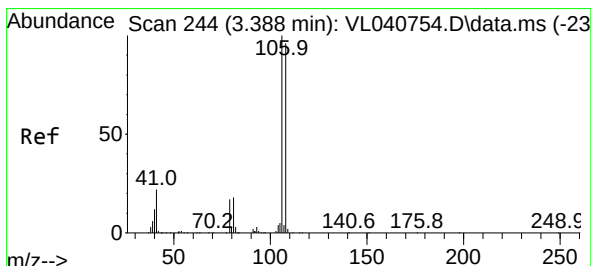
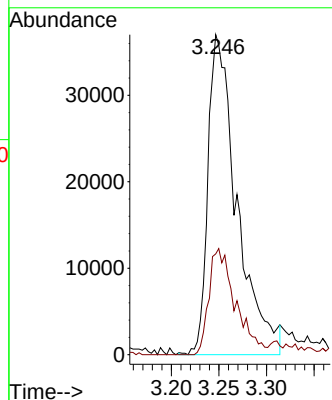
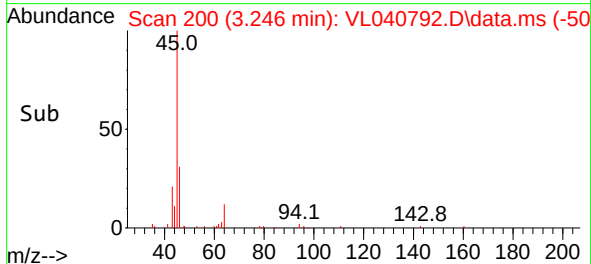
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 7800
Ion Ratio Lower Upper
45 100
46 35.1 14.6 58.2

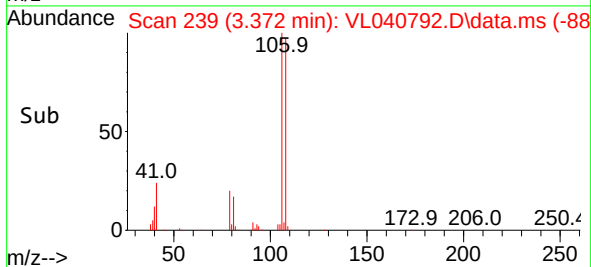
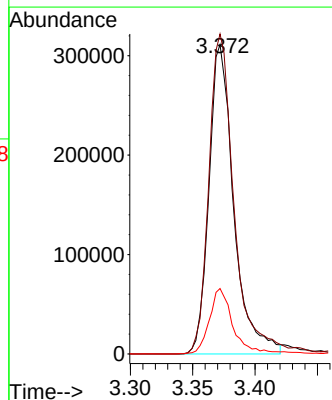
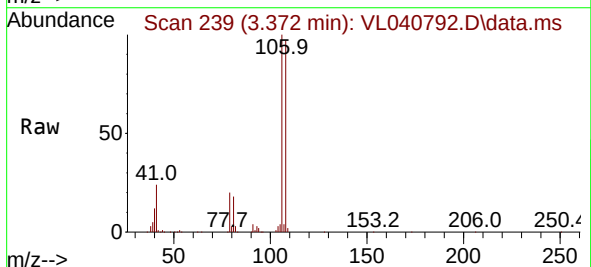
Manual Integrations
APPROVED

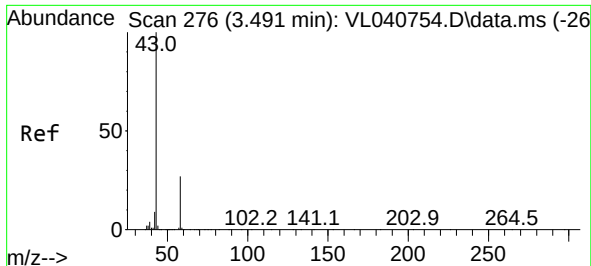
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#14
Bromoethene
Concen: 10.934 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.016 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion:108 Resp: 430111
Ion Ratio Lower Upper
108 100
106 107.8 85.2 127.8
79 21.0 15.7 23.5





#15

Acetone

Concen: 9.965 ppbv

RT: 3.472 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 976094

Ion Ratio Lower Upper

43 100

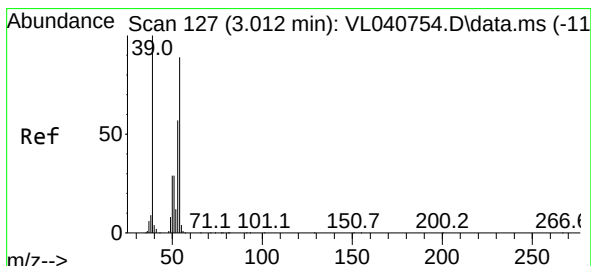
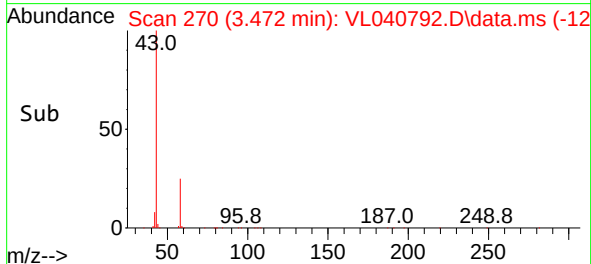
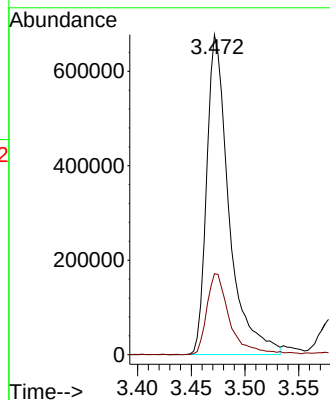
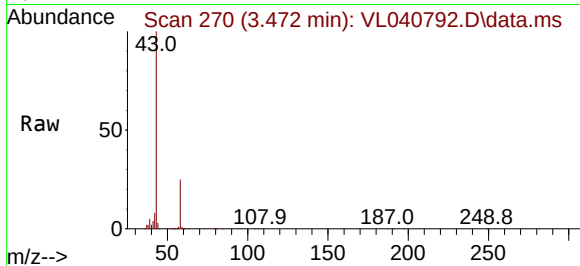
58 26.6 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#16

1,3-Butadiene

Concen: 10.369 ppbv

RT: 2.996 min Scan# 122

Delta R.T. -0.016 min

Lab File: VL040792.D

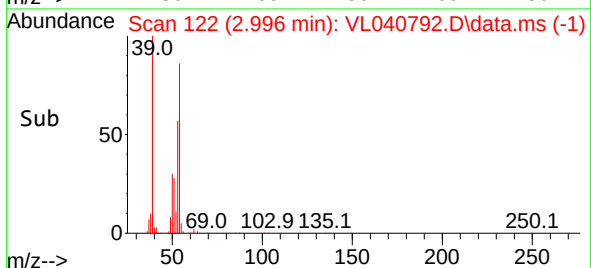
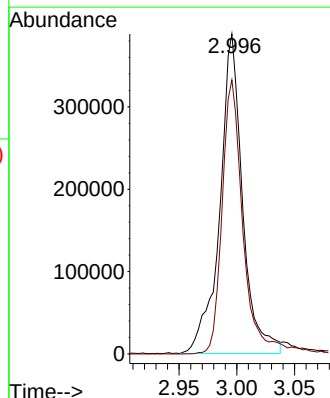
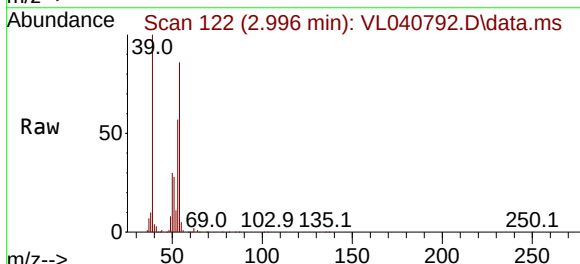
Acq: 24 Oct 2023 11:29

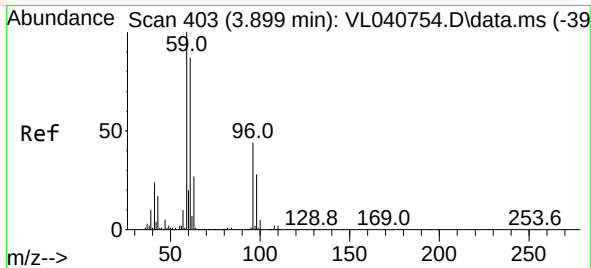
Tgt Ion: 39 Resp: 532874

Ion Ratio Lower Upper

39 100

54 80.1 63.0 94.6





#17

tert-Butyl alcohol

Concen: 7.607 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.019 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 76408

Ion Ratio Lower Upper

59 100

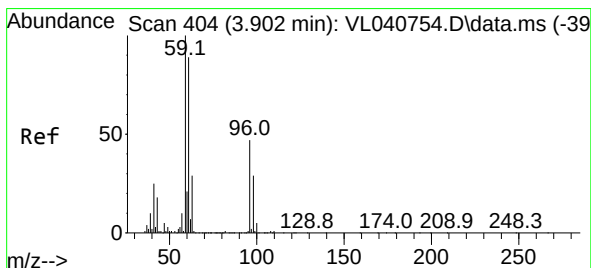
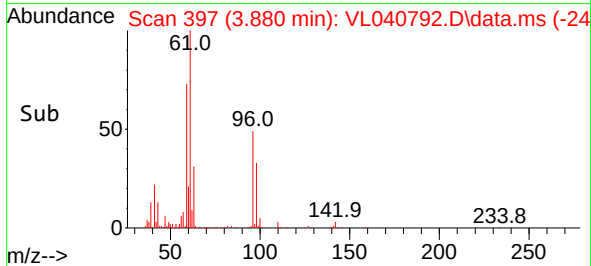
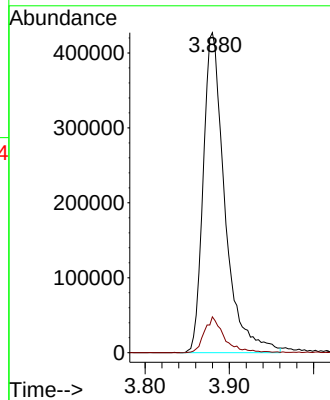
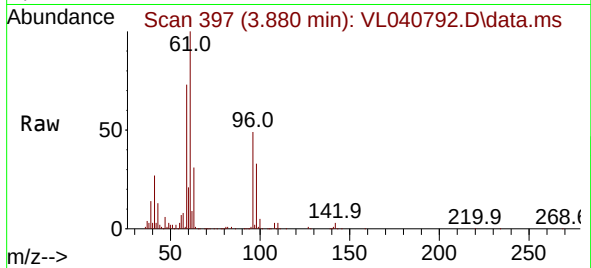
57 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#18

1,1-Dichloroethene

Concen: 10.800 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.019 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

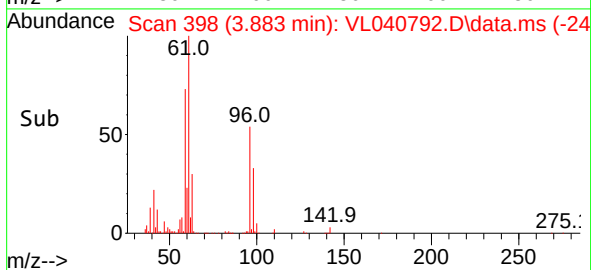
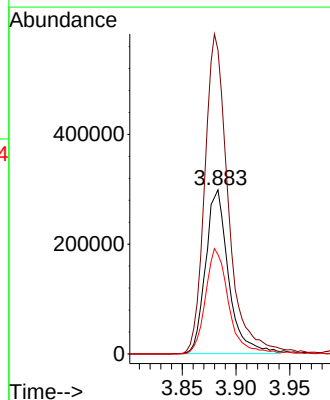
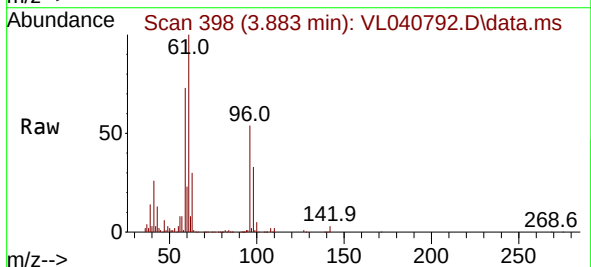
Tgt Ion: 96 Resp: 444595

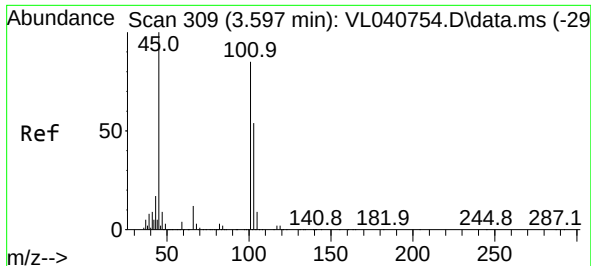
Ion Ratio Lower Upper

96 100

61 185.3 152.5 228.7

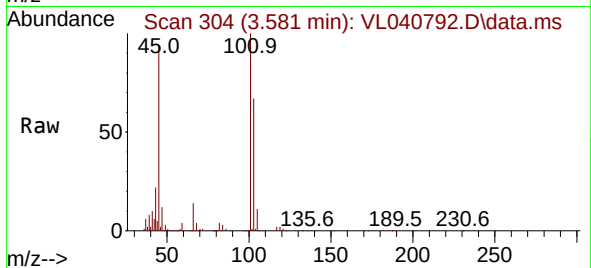
98 60.7 49.6 74.4





#19
Isopropyl Alcohol
Concen: 8.190 ppbv
RT: 3.581 min Scan# 309
Delta R.T. -0.016 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

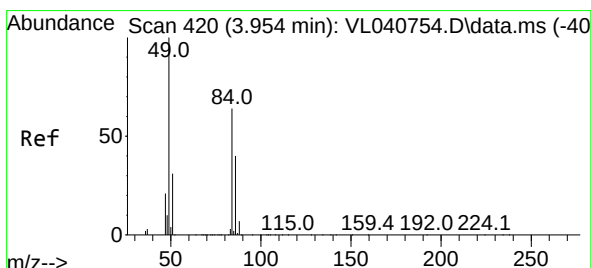
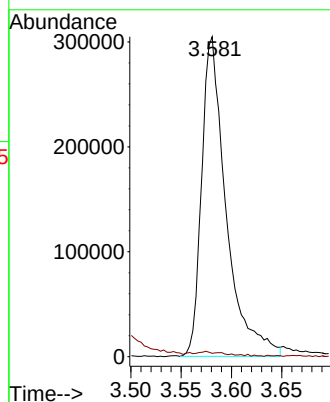
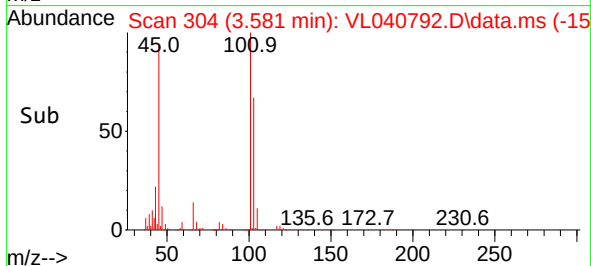
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 516452
Ion Ratio Lower Upper
45 100
58 1.9 30.3 45.5

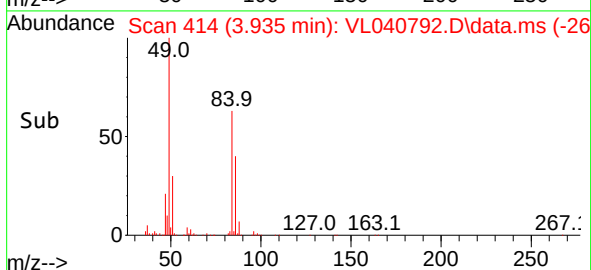
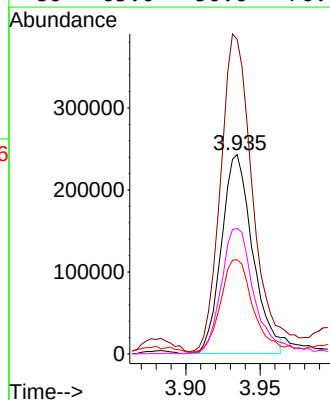
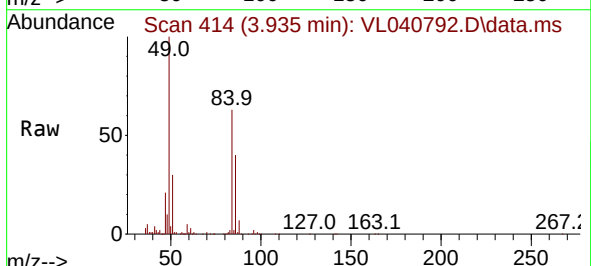
Manual Integrations
APPROVED

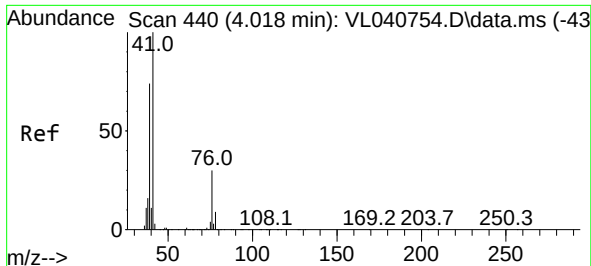
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 8.669 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.019 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion: 84 Resp: 353728
Ion Ratio Lower Upper
84 100
49 154.0 125.6 188.4
51 45.3 38.9 58.3
86 63.0 50.6 76.0





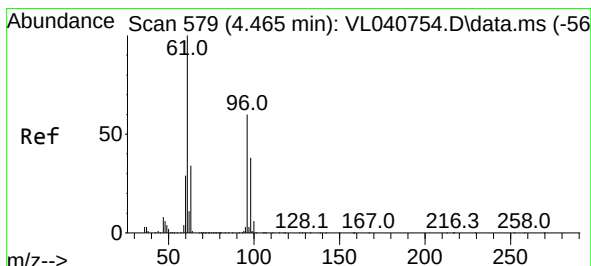
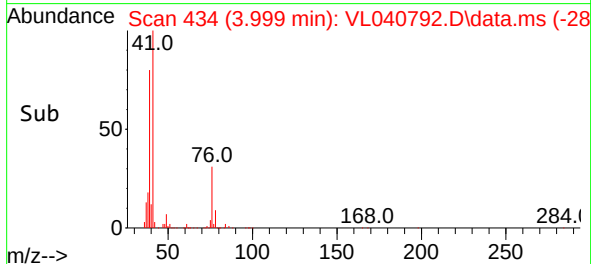
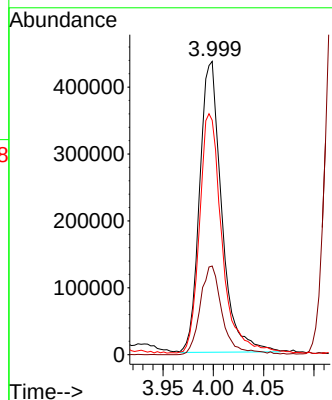
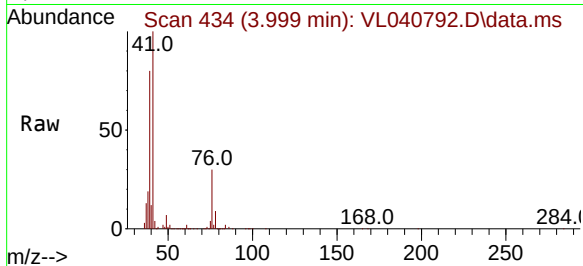
#21
 Allyl Chloride
 Concen: 10.284 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 664354
 Ion Ratio Lower Upper
 41 100
 76 30.7 24.1 36.1
 39 84.7 63.8 95.6

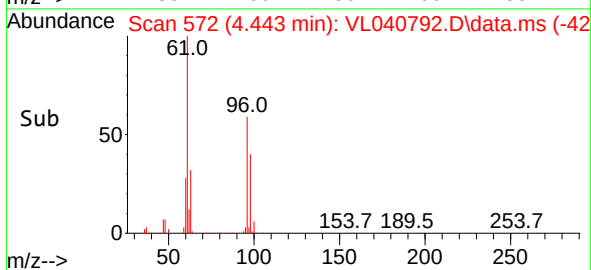
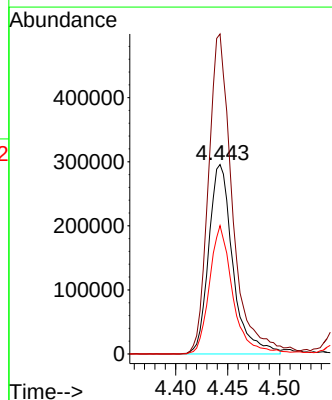
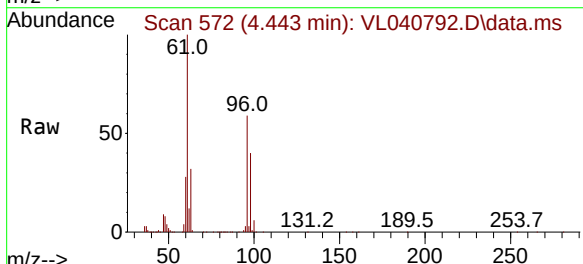
Manual Integrations
 APPROVED

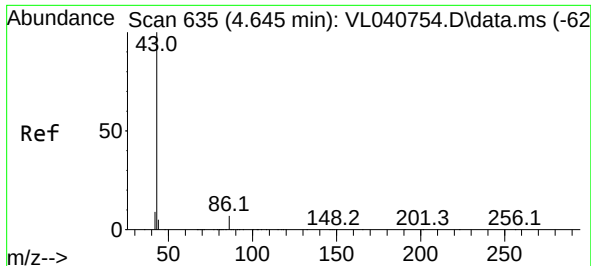
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.899 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.022 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

Tgt Ion: 96 Resp: 477535
 Ion Ratio Lower Upper
 96 100
 61 168.9 134.0 201.0
 98 67.7 51.0 76.4





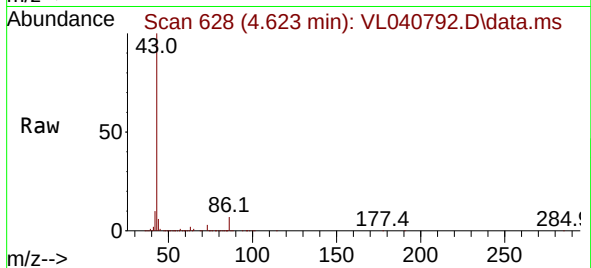
#23
 Vinyl Acetate
 Concen: 8.900 ppbv
 RT: 4.623 min Scan# 611
 Delta R.T. -0.022 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

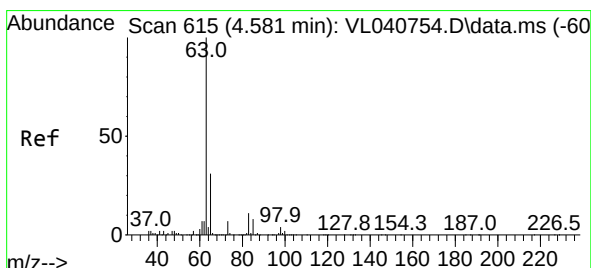
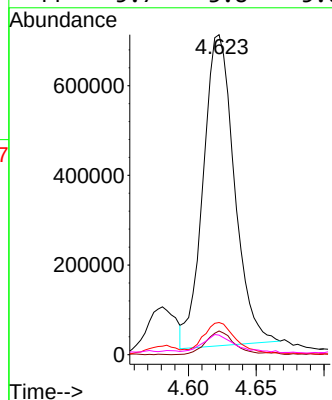
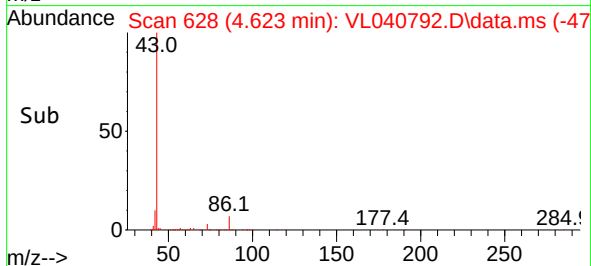


Tgt Ion: 43 Resp: 111099
 Ion Ratio Lower Upper
 43 100
 86 7.5 4.9 7.3
 42 9.9 7.8 11.6
 44 5.7 3.8 5.6#

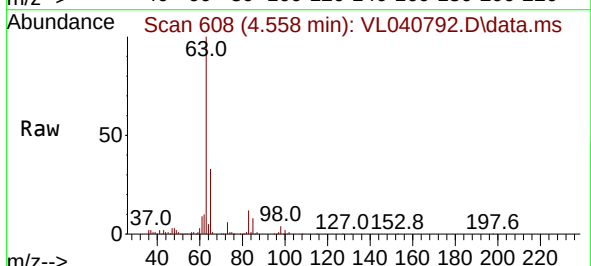
Manual Integrations

APPROVED

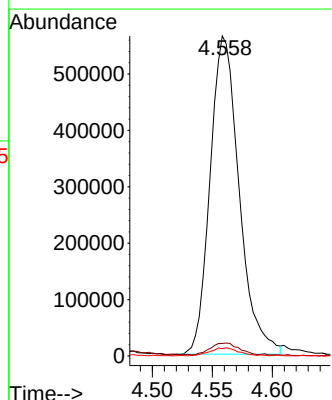
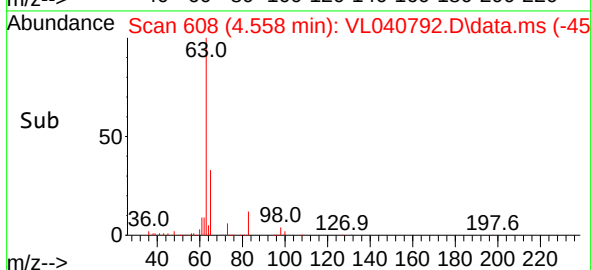
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

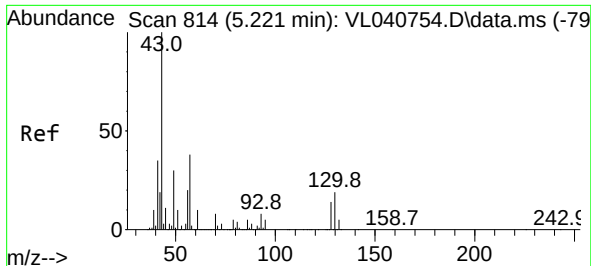


#24
 1,1-Dichloroethane
 Concen: 10.102 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.022 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29



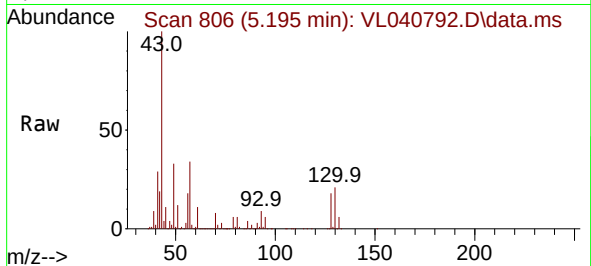
Tgt Ion: 63 Resp: 951145
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 5.8
 100 2.1 1.3 3.8





#25
Ethyl Acetate
Concen: 10.236 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.026 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

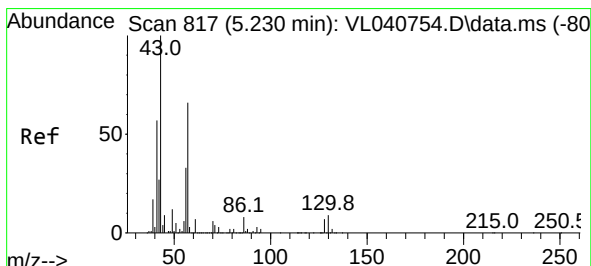
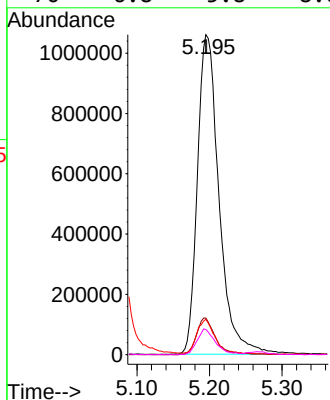
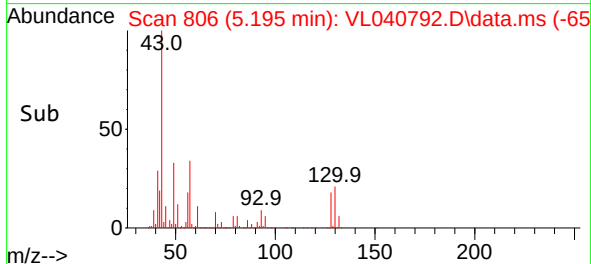
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 2196949
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 9.7 8.2 12.2
70 6.8 5.8 8.6

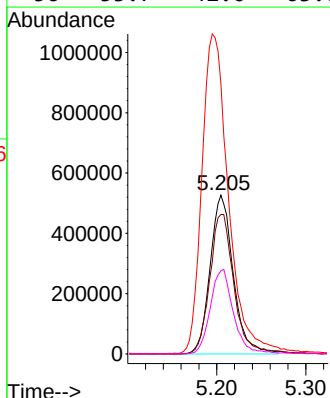
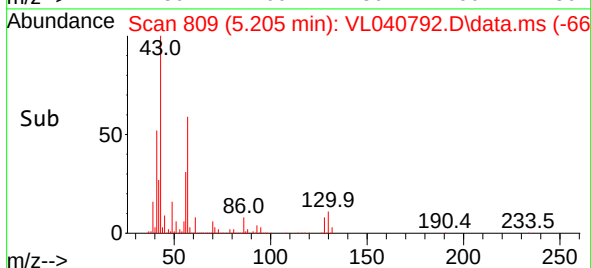
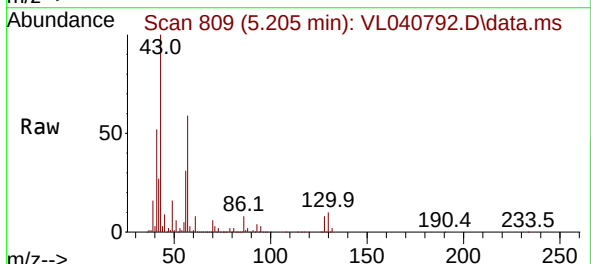
Manual Integrations
APPROVED

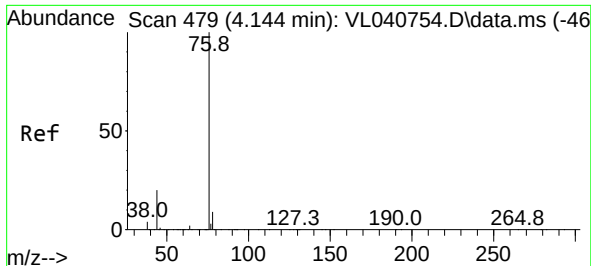
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#26
Hexane
Concen: 9.694 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.026 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

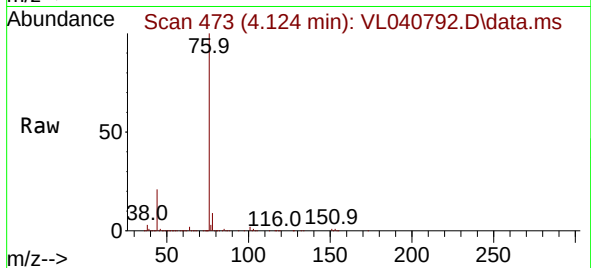
Tgt Ion: 57 Resp: 950897
Ion Ratio Lower Upper
57 100
41 92.4 71.4 107.2
43 232.8 182.3 273.5
56 53.7 42.0 63.0





#27
Carbon Disulfide
Concen: 10.853 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

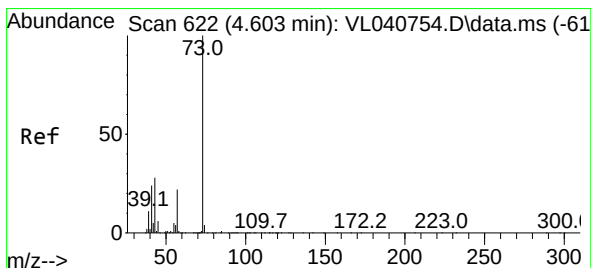
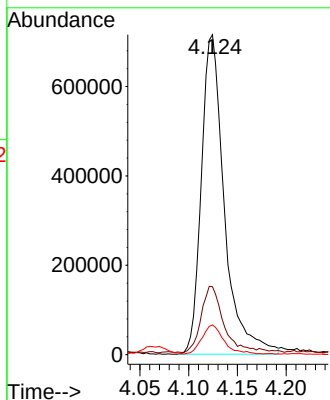
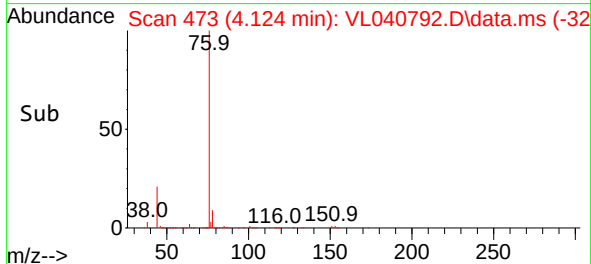
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



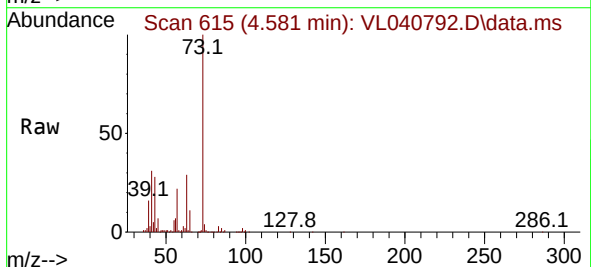
Tgt Ion: 76 Resp: 1174608
Ion Ratio Lower Upper
76 100
44 20.9 16.6 25.0
78 9.4 7.8 11.6

Manual Integrations
APPROVED

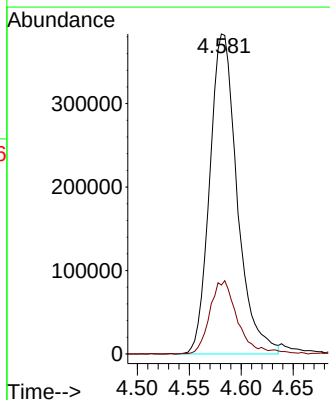
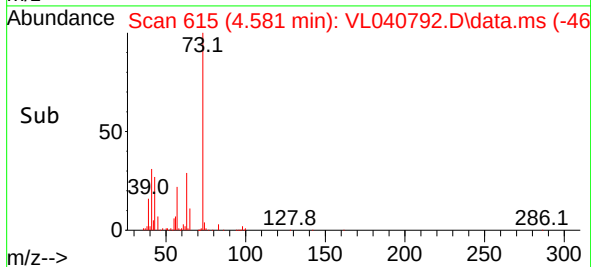
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

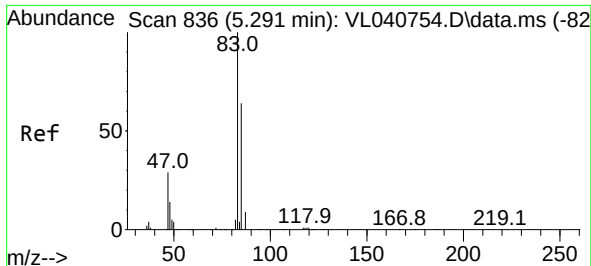


#28
Methyl tert-Butyl Ether
Concen: 9.256 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.022 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29



Tgt Ion: 73 Resp: 706020
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3





#29

Chloroform

Concen: 11.155 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 158326

Ion Ratio Lower Upper

83 100

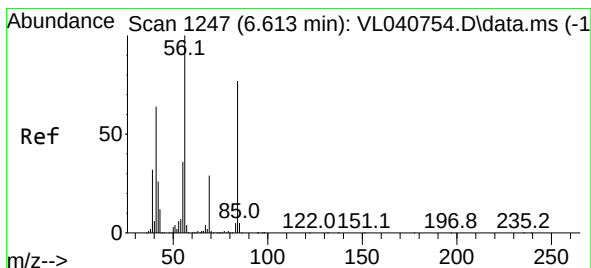
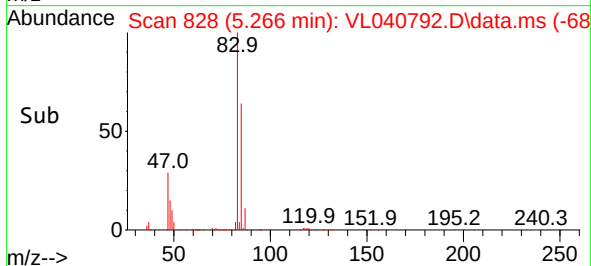
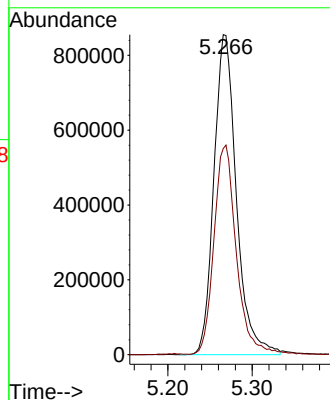
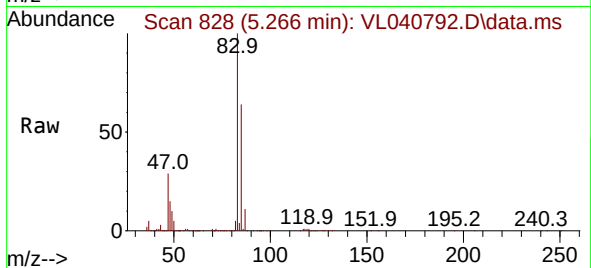
85 64.1 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Cyclohexane

Concen: 10.028 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.022 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

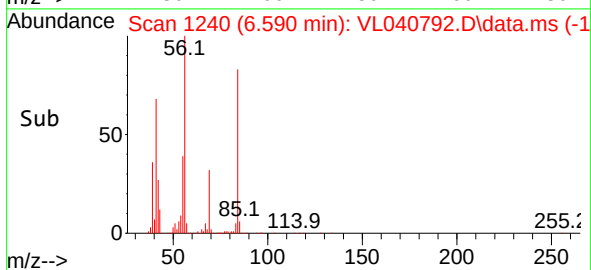
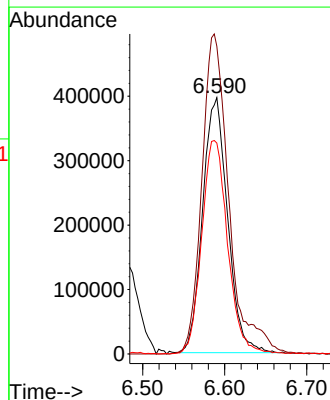
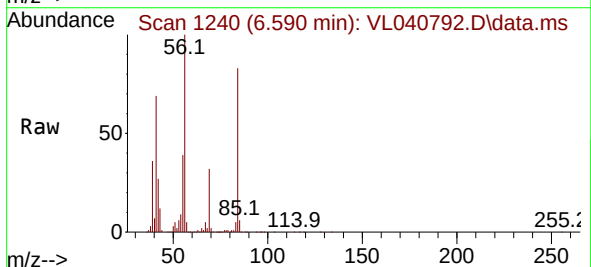
Tgt Ion: 84 Resp: 837083

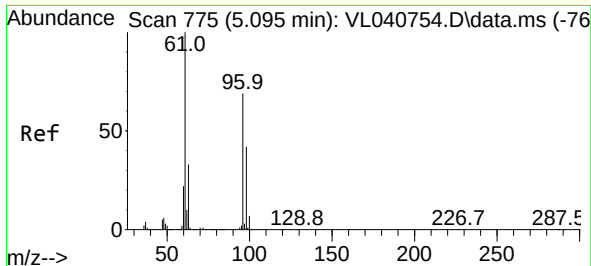
Ion Ratio Lower Upper

84 100

56 136.5 110.3 165.5

41 87.6 67.4 101.2





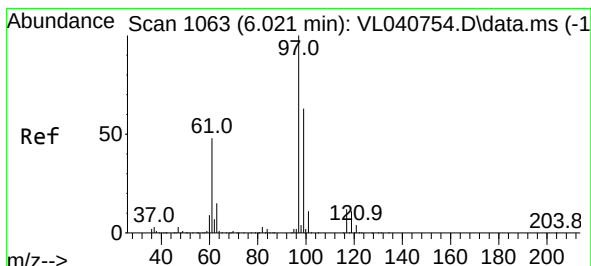
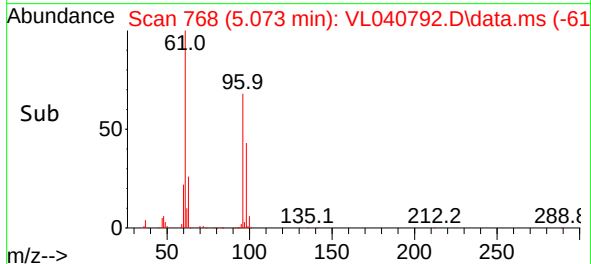
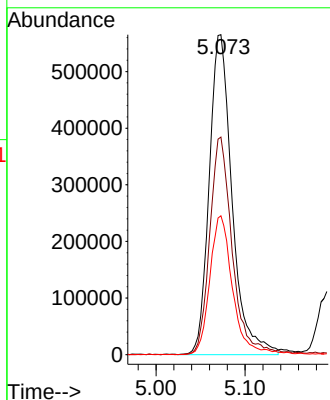
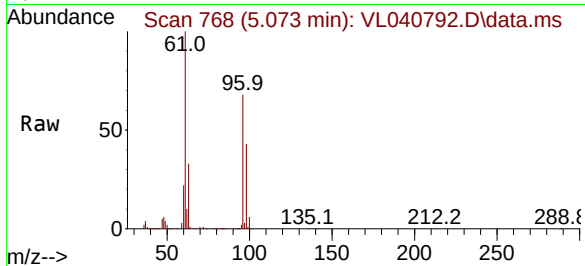
#31
 cis-1,2-Dichloroethene
 Concen: 11.143 ppbv
 RT: 5.073 min Scan# 70
 Delta R.T. -0.022 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 100732
 Ion Ratio Lower Upper
 61 100
 96 67.9 55.1 82.7
 98 43.3 33.5 50.3

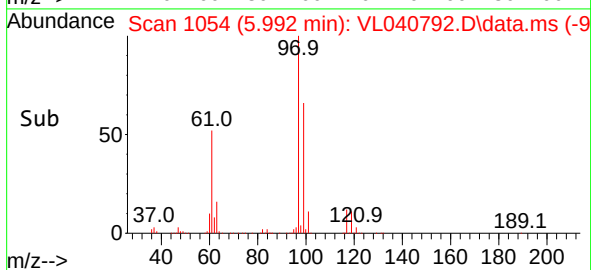
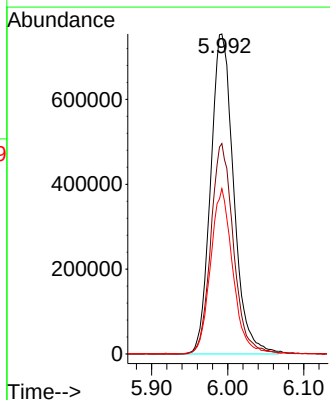
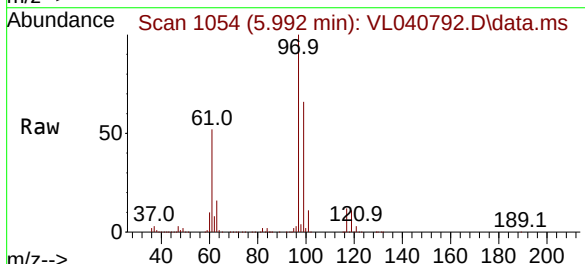
Manual Integrations
 APPROVED

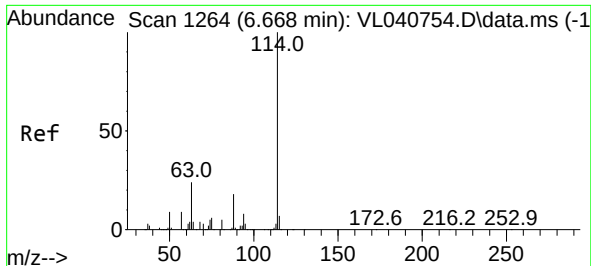
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.499 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.029 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

Tgt Ion: 97 Resp: 1586030
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.6
 61 49.8 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 261601

Ion Ratio Lower Upper

114 100

63 24.5 19.8 29.6

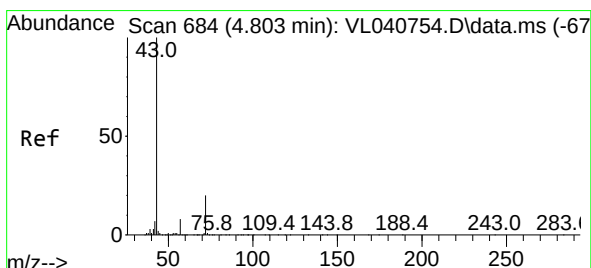
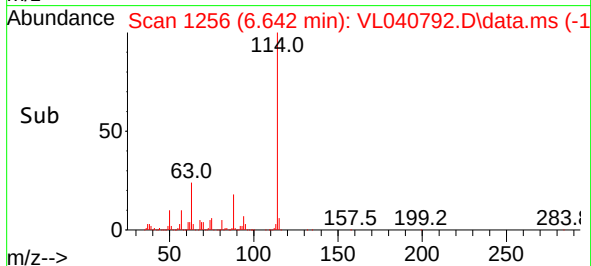
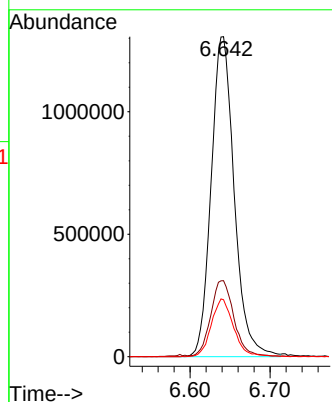
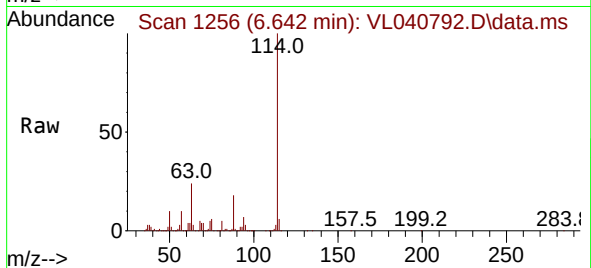
88 17.5 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

2-Butanone

Concen: 11.586 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.022 min

Lab File: VL040792.D

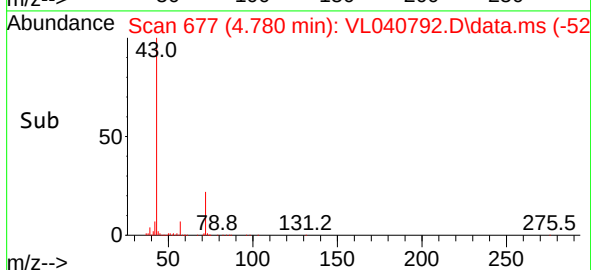
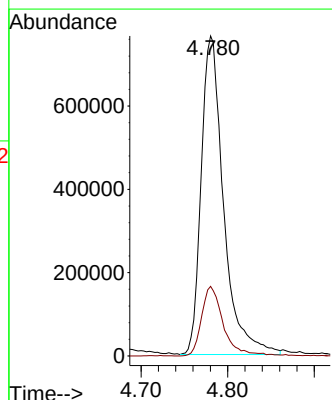
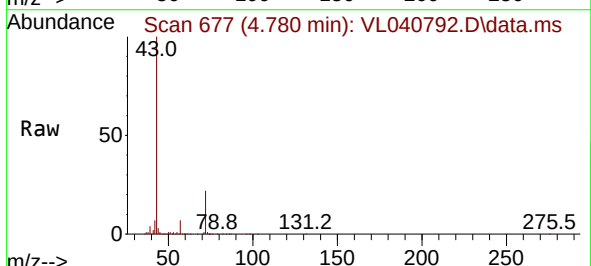
Acq: 24 Oct 2023 11:29

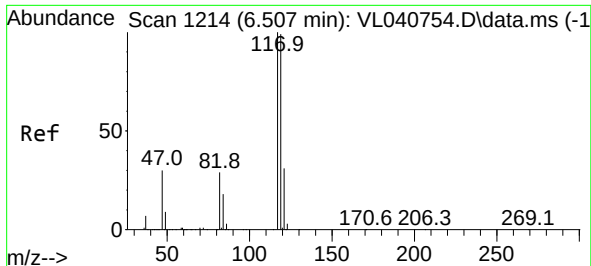
Tgt Ion: 43 Resp: 1371886

Ion Ratio Lower Upper

43 100

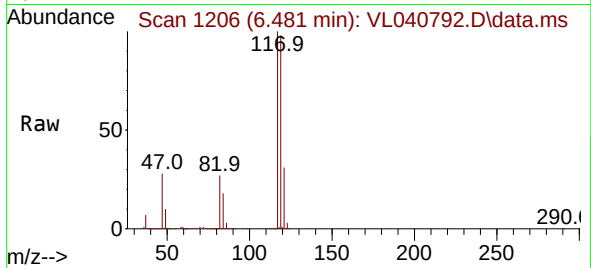
72 21.6 16.8 25.2





#35
Carbon Tetrachloride
Concen: 11.484 ppbv
RT: 6.481 min Scan# 117
Delta R.T. -0.026 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

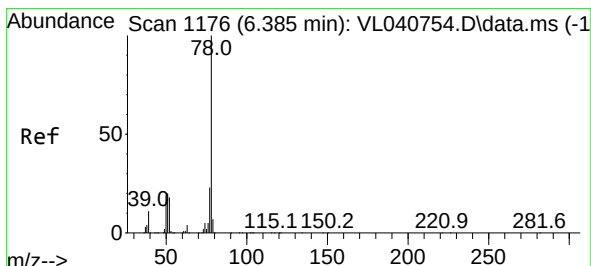
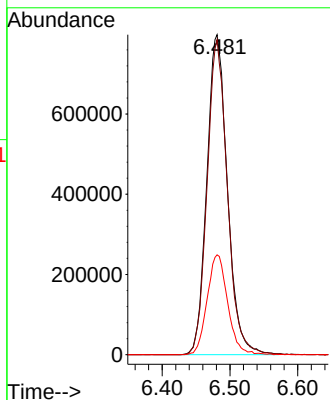
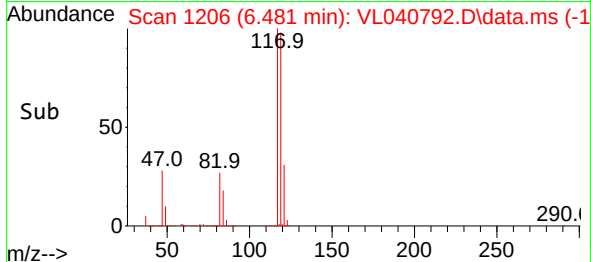
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 168620
Ion Ratio Lower Upper
117 100
119 98.5 79.4 119.0
121 31.2 25.0 37.4

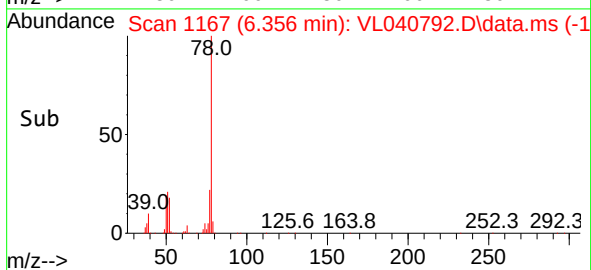
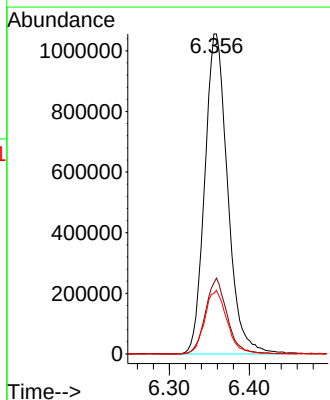
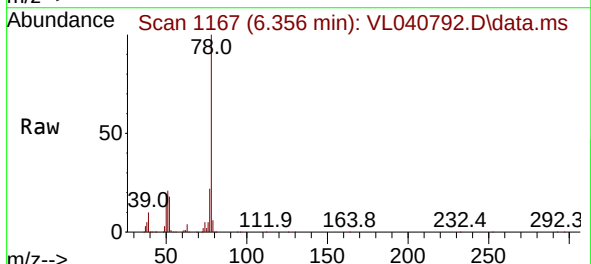
Manual Integrations
APPROVED

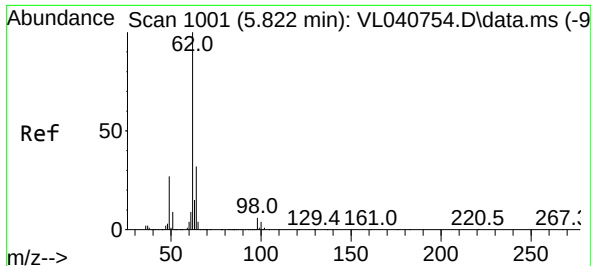
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#36
Benzene
Concen: 10.440 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.029 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion: 78 Resp: 2100646
Ion Ratio Lower Upper
78 100
77 22.1 18.4 27.6
50 18.8 15.0 22.4





#37

1,2-Dichloroethane

Concen: 11.711 ppbv

RT: 5.796 min Scan# 91

Delta R.T. -0.026 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 120681

Ion Ratio Lower Upper

62 100

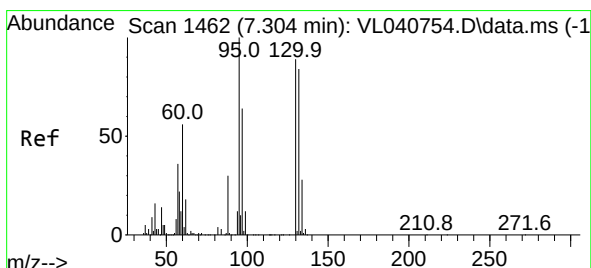
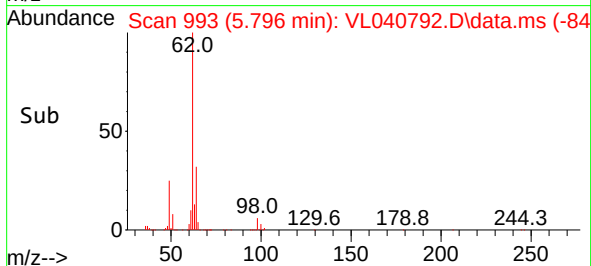
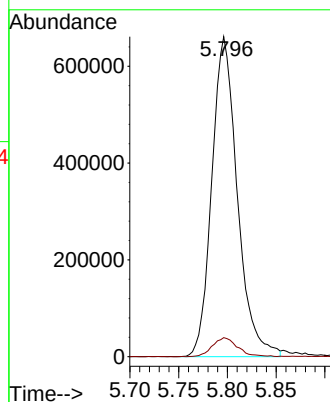
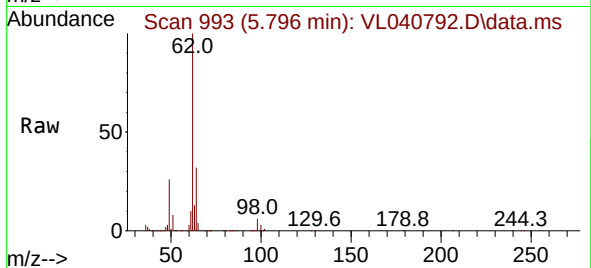
98 6.0 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#38

Trichloroethene

Concen: 9.369 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.026 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Tgt Ion:130 Resp: 834345

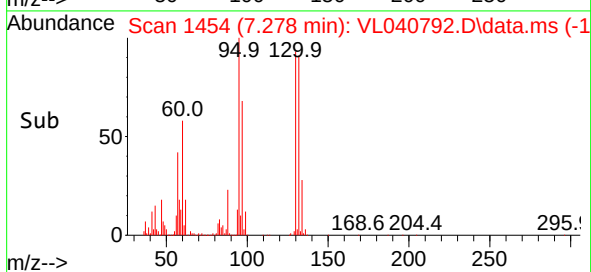
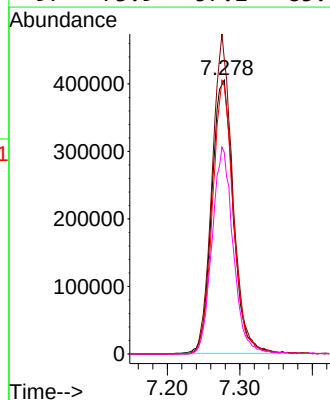
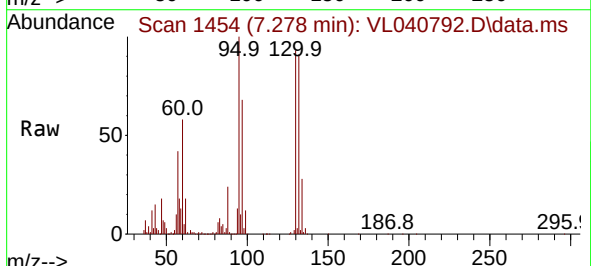
Ion Ratio Lower Upper

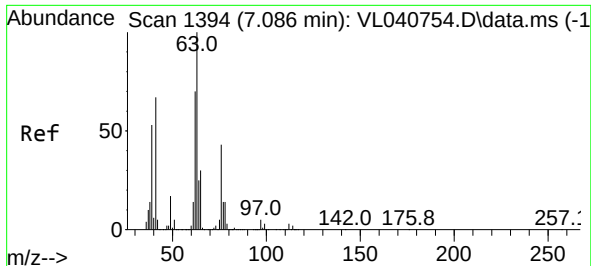
130 100

95 108.2 89.4 134.2

132 98.1 74.8 112.2

97 73.9 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.476 ppbv

RT: 7.057 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 82356

Ion Ratio Lower Upper

63 100

41 70.0 53.7 80.5

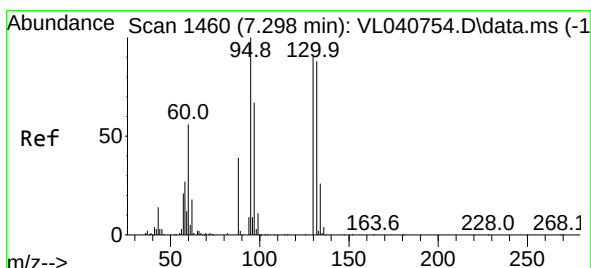
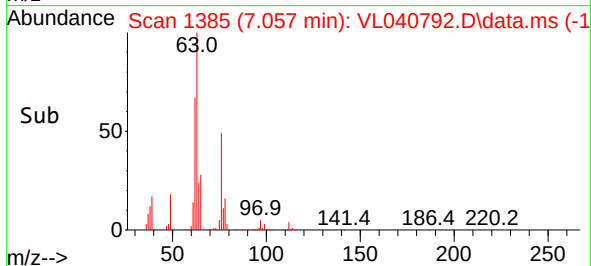
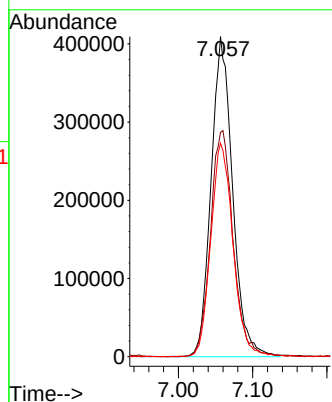
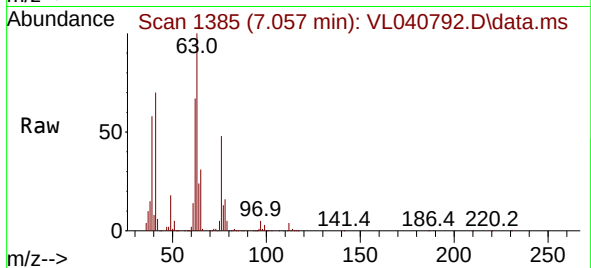
62 66.6 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

1,4-Dioxane

Concen: 9.345 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.032 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Tgt Ion: 88 Resp: 278003

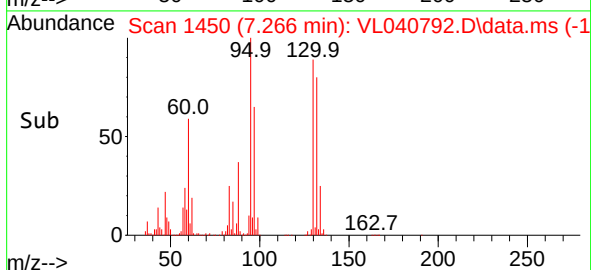
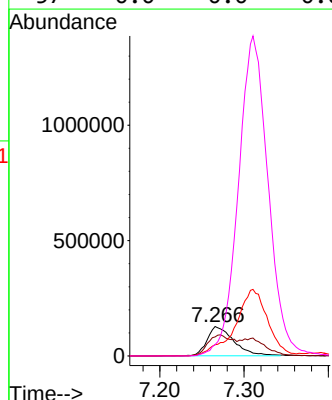
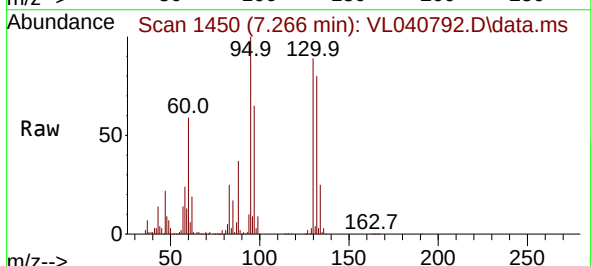
Ion Ratio Lower Upper

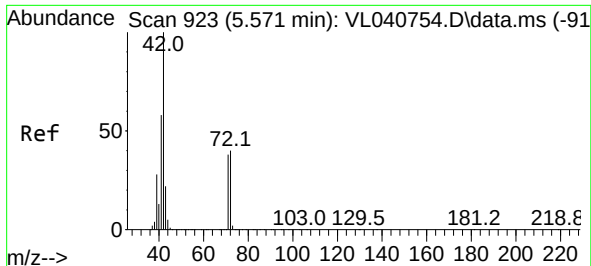
88 100

58 68.0 100.0 150.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.348 ppbv

RT: 5.545 min Scan# 915

Delta R.T. -0.026 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

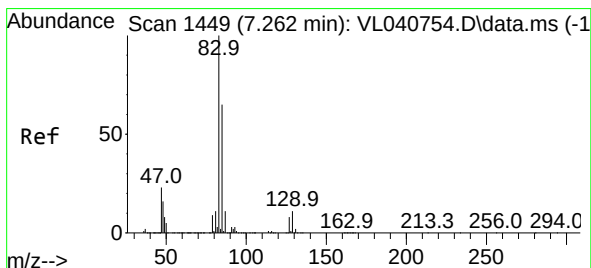
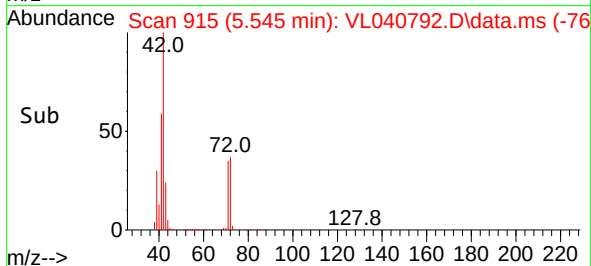
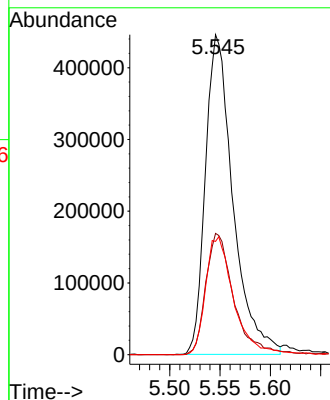
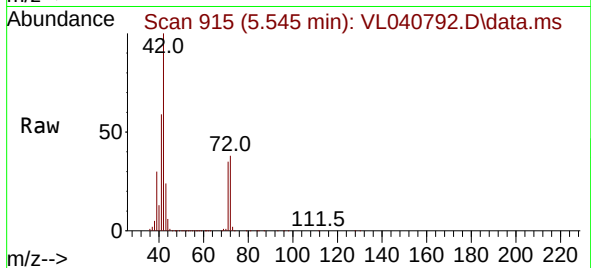
Tgt Ion: 42 Resp: 84853

Ion	Ratio	Lower	Upper
42	100		
72	39.0	31.1	46.7
71	38.1	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#42

Bromodichloromethane

Concen: 11.558 ppbv

RT: 7.233 min Scan# 1440

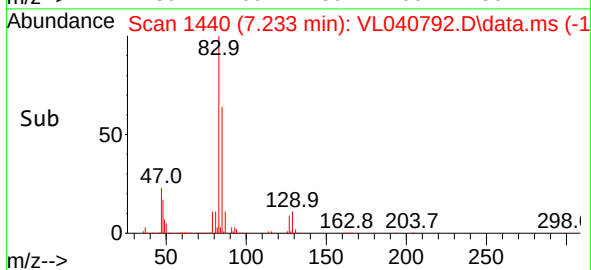
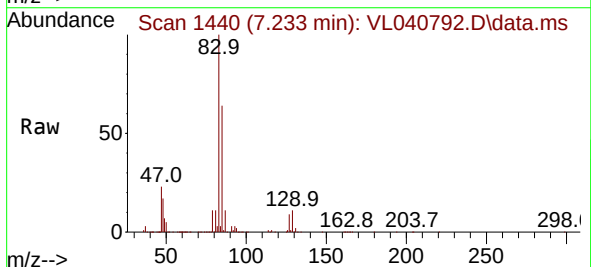
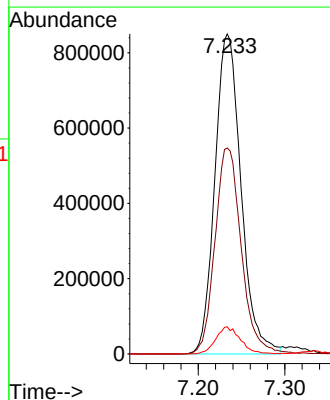
Delta R.T. -0.029 min

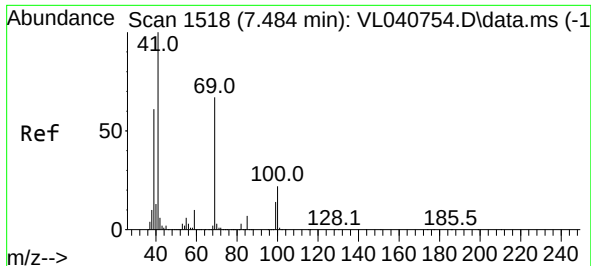
Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Tgt Ion: 83 Resp: 1784207

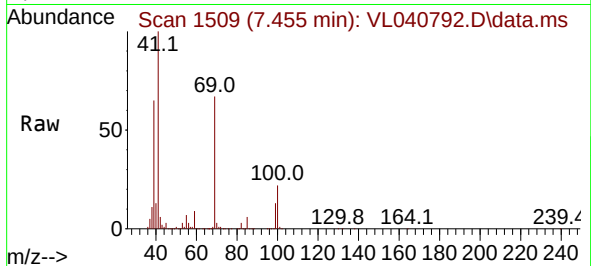
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1
127	8.5	6.7	10.1





#43
Methyl Methacrylate
Concen: 10.601 ppbv
RT: 7.455 min Scan# 1464
Delta R.T. -0.029 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

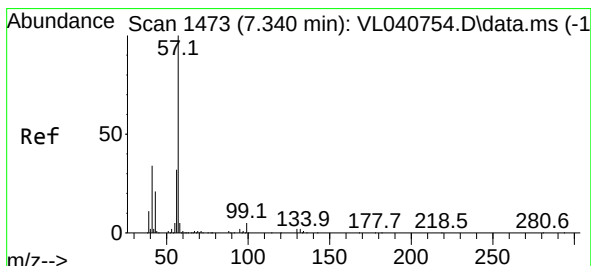
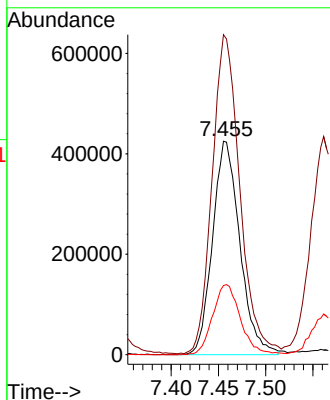
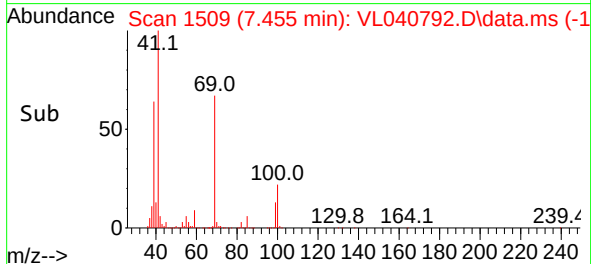
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 853892
Ion Ratio Lower Upper
69 100
41 152.1 120.6 181.0
100 33.3 27.1 40.7

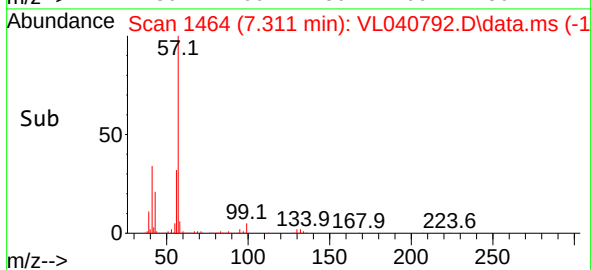
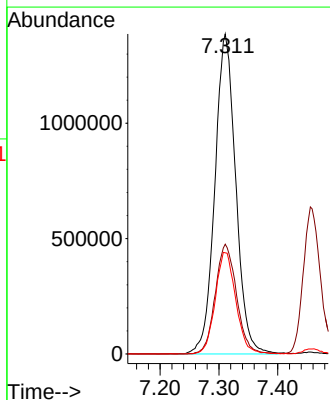
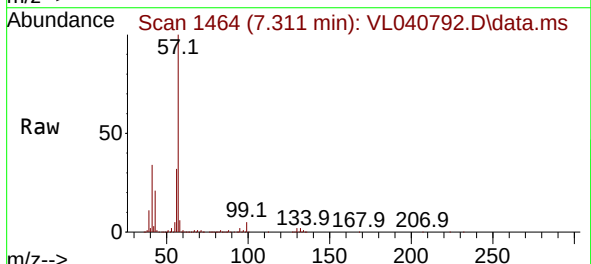
Manual Integrations
APPROVED

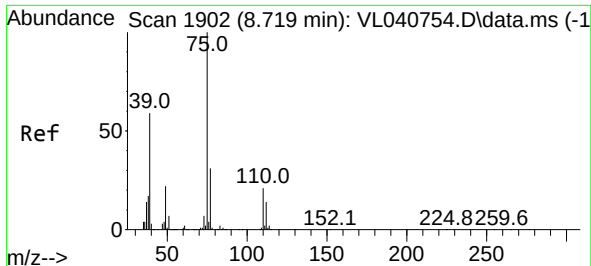
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#44
2,2,4-Trimethylpentane
Concen: 10.054 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.029 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion: 57 Resp: 3421240
Ion Ratio Lower Upper
57 100
41 35.0 27.4 41.0
56 31.3 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.020 ppbv

RT: 8.690 min Scan# 1717

Delta R.T. -0.029 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 64357

Ion Ratio Lower Upper

75 100

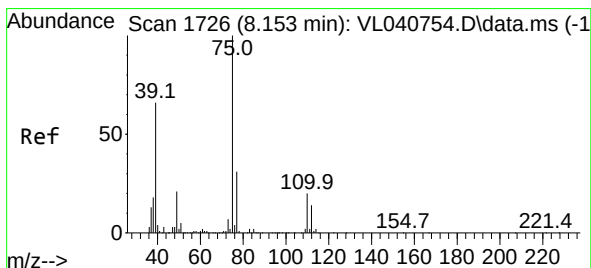
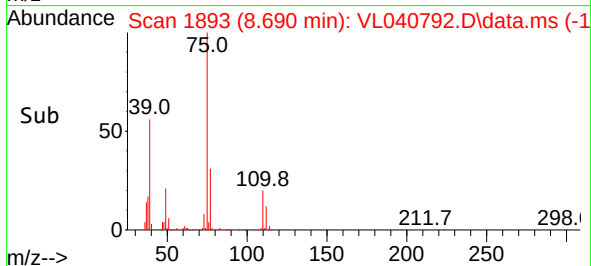
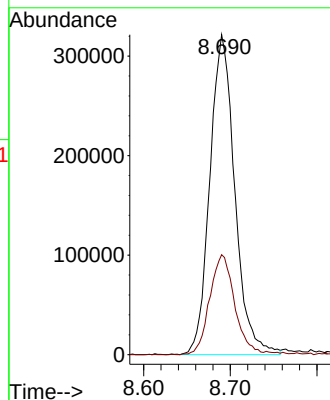
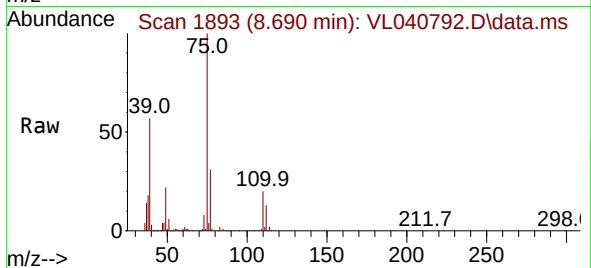
77 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#46

cis-1,3-Dichloropropene

Concen: 9.580 ppbv

RT: 8.124 min Scan# 1717

Delta R.T. -0.029 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

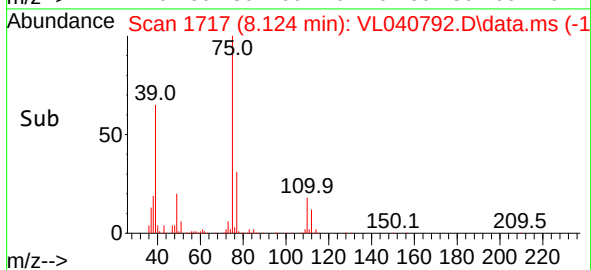
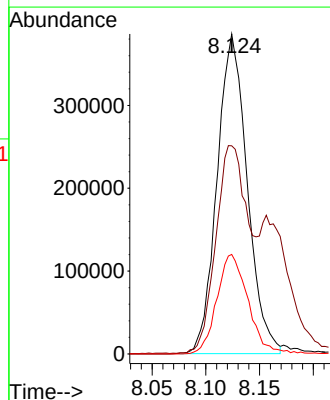
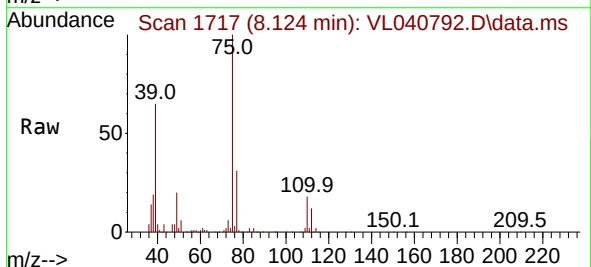
Tgt Ion: 75 Resp: 751757

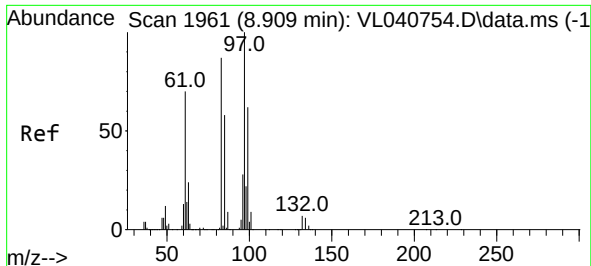
Ion Ratio Lower Upper

75 100

39 64.7 52.4 78.6

77 31.1 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.674 ppbv

RT: 8.876 min Scan# 1961

Delta R.T. -0.032 min

Lab File: VL040792.D

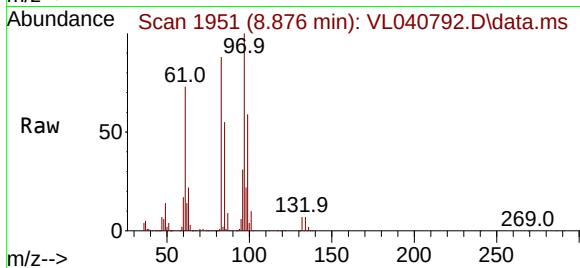
Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 88145

Ion Ratio Lower Upper

97 100

83 88.4 69.5 104.3

85 55.4 46.6 69.8

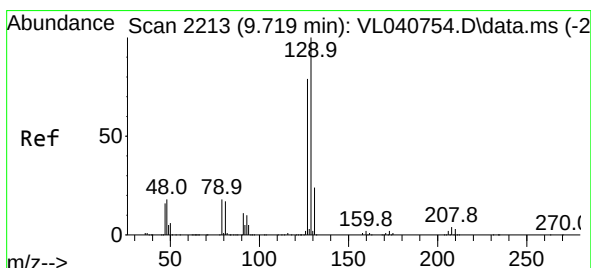
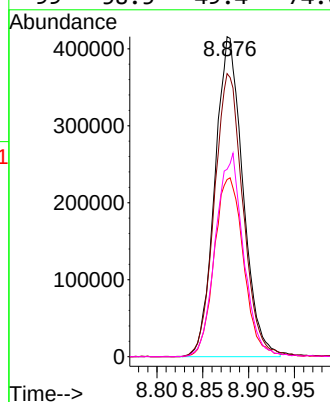
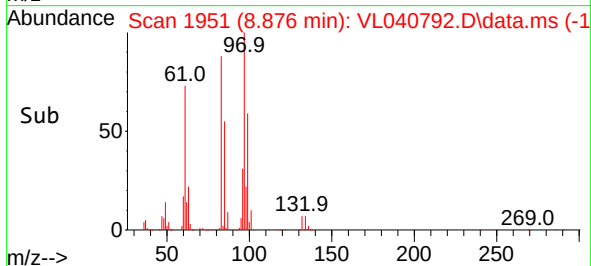
99 58.5 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#48

Dibromochloromethane

Concen: 11.309 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. -0.032 min

Lab File: VL040792.D

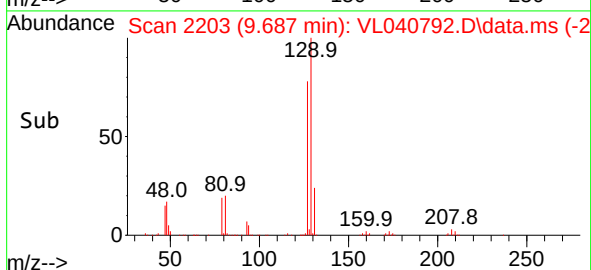
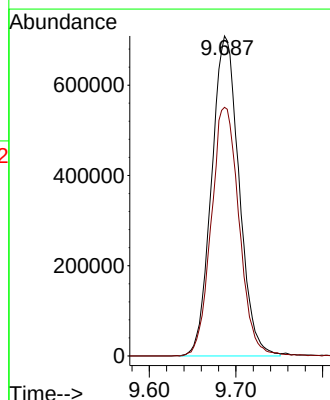
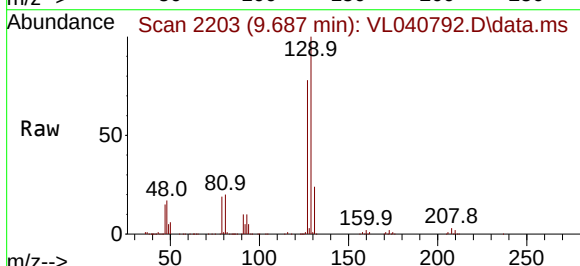
Acq: 24 Oct 2023 11:29

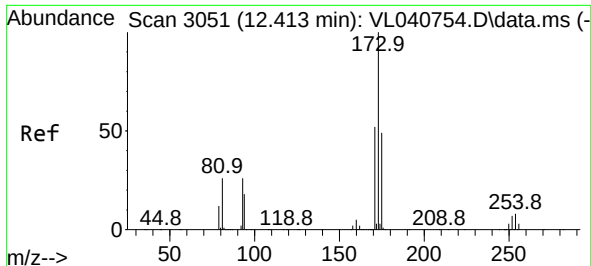
Tgt Ion:129 Resp: 1564994

Ion Ratio Lower Upper

129 100

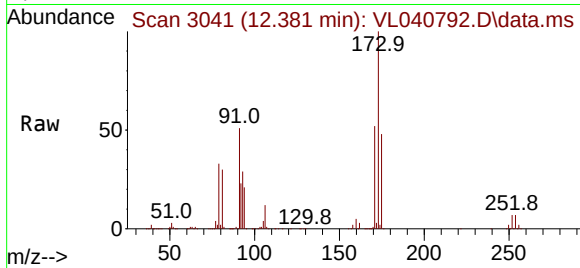
127 78.8 39.1 117.3





#49
Bromoform
Concen: 11.052 ppbv
RT: 12.381 min Scan# 3051
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

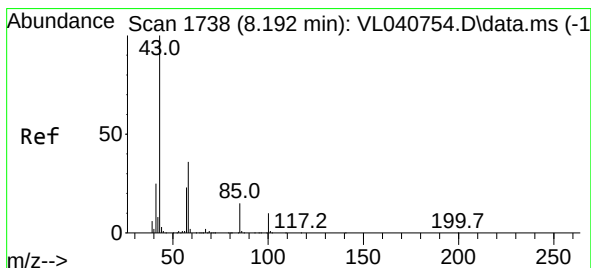
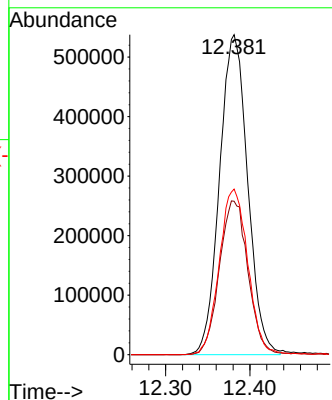
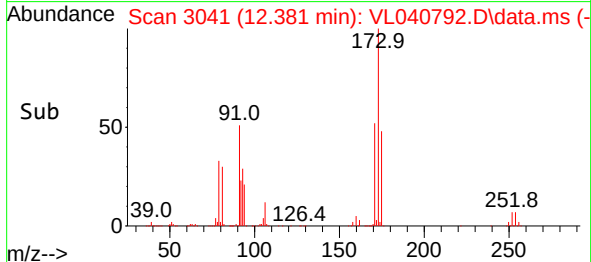
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion:173 Resp: 124331
Ion Ratio Lower Upper
173 100
175 49.3 39.2 58.8
171 52.9 42.0 63.0

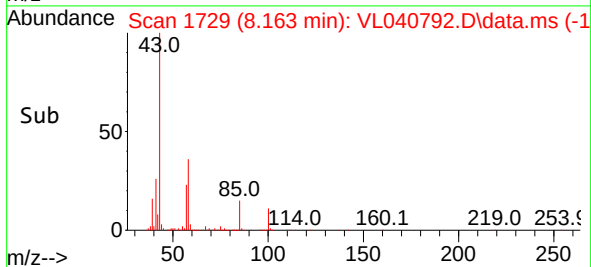
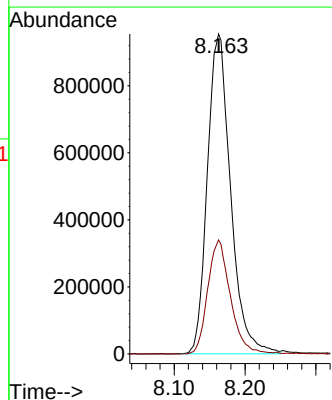
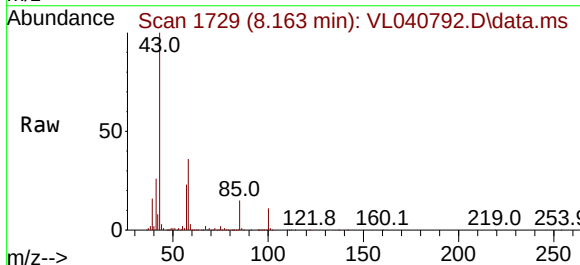
Manual Integrations
APPROVED

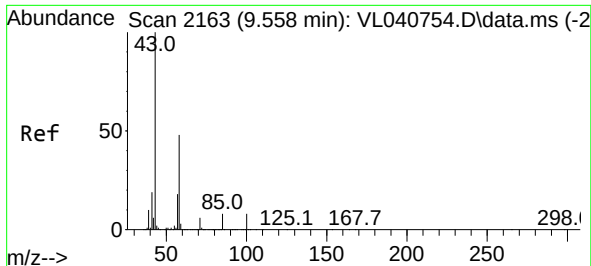
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#50
4-Methyl-2-Pentanone
Concen: 10.724 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.029 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

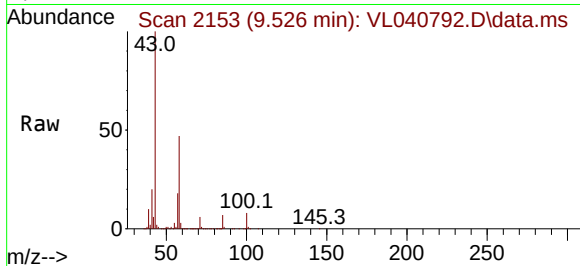
Tgt Ion: 43 Resp: 2172209
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2





#51
2-Hexanone
Concen: 10.607 ppbv
RT: 9.526 min Scan# 2163
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

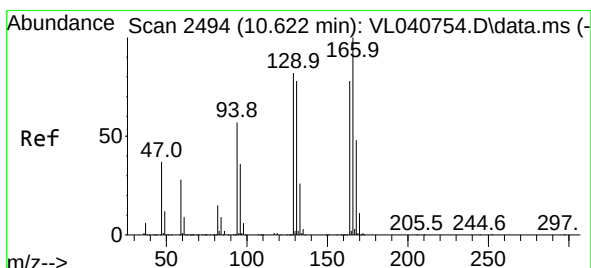
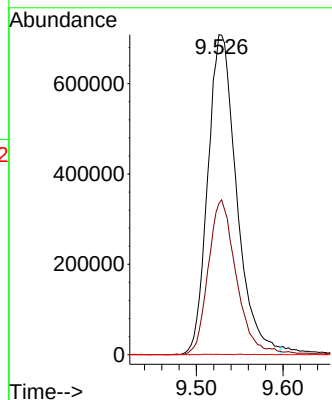
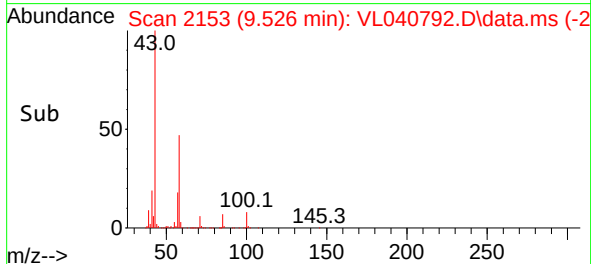
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



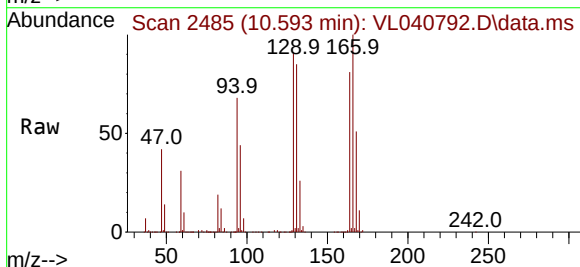
Tgt Ion: 43 Resp: 1635204
Ion Ratio Lower Upper
43 100
58 47.9 38.6 58.0
98 0.2 0.0 0.0

Manual Integrations
APPROVED

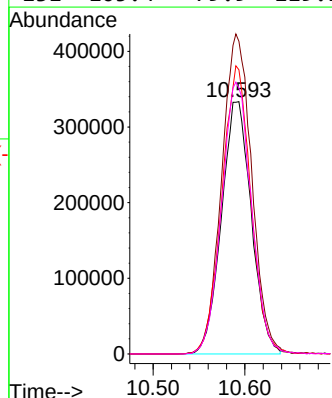
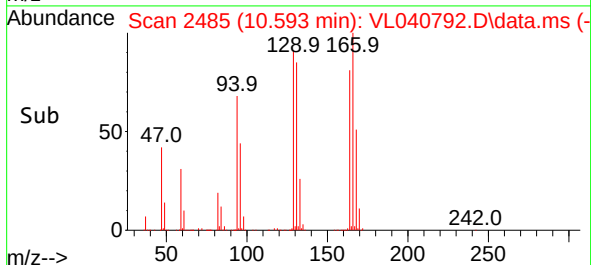
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

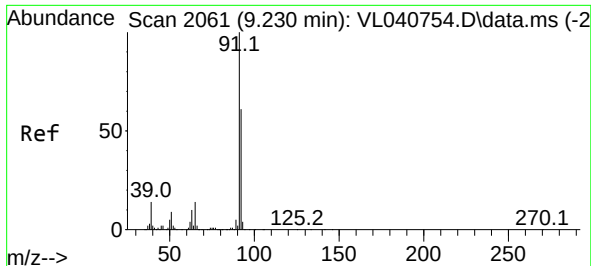


#52
Tetrachloroethene
Concen: 9.212 ppbv
RT: 10.593 min Scan# 2485
Delta R.T. -0.029 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29



Tgt Ion:164 Resp: 752943
Ion Ratio Lower Upper
164 100
166 123.8 102.4 153.6
129 112.6 84.2 126.4
131 105.4 79.9 119.9





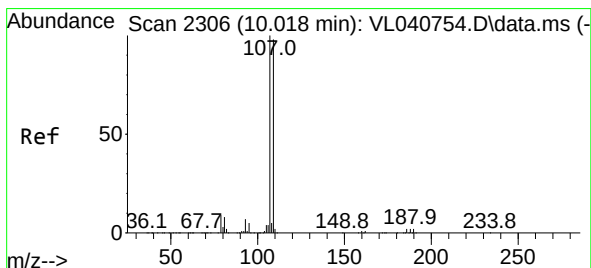
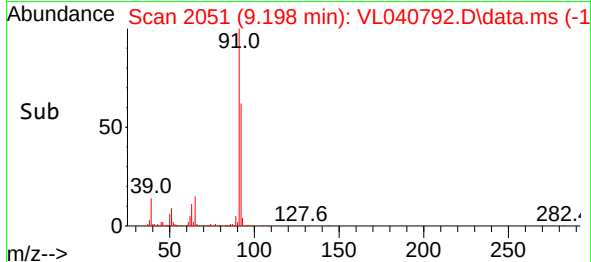
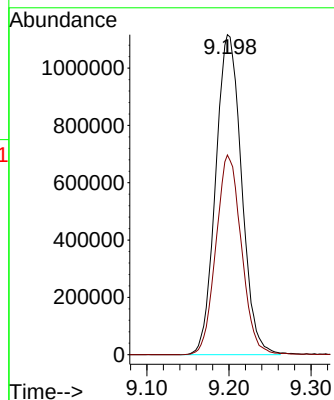
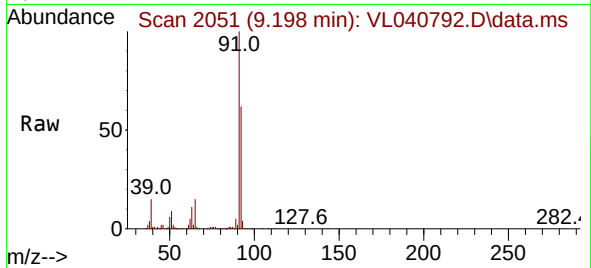
#53
Toluene
Concen: 10.237 ppbv
RT: 9.198 min Scan# 2061
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2451539
Ion Ratio Lower Upper
91 100
92 61.5 50.2 75.2

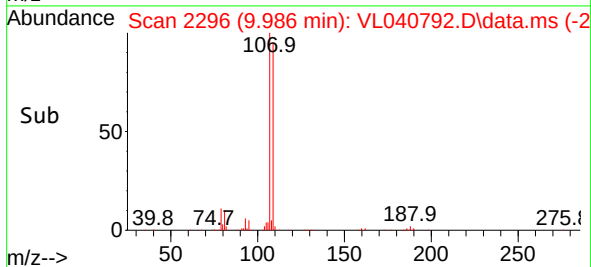
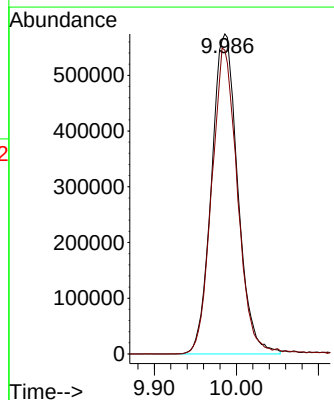
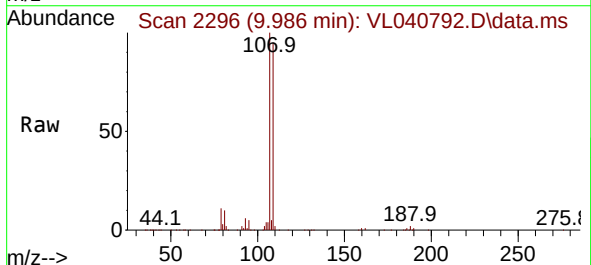
Manual Integrations
APPROVED

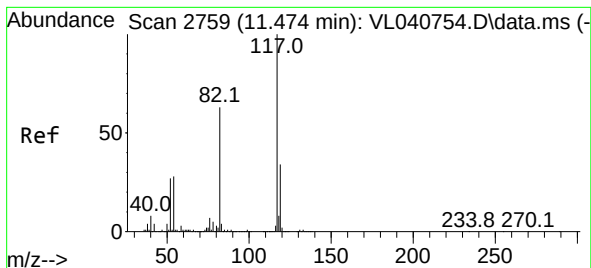
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#54
1,2-Dibromoethane
Concen: 11.029 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

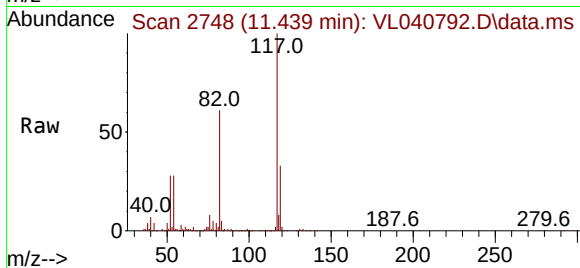
Tgt Ion:107 Resp: 1276748
Ion Ratio Lower Upper
107 100
109 94.8 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2759
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

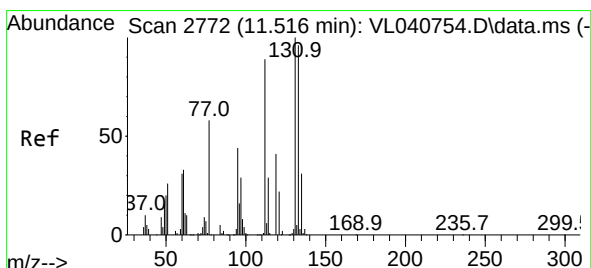
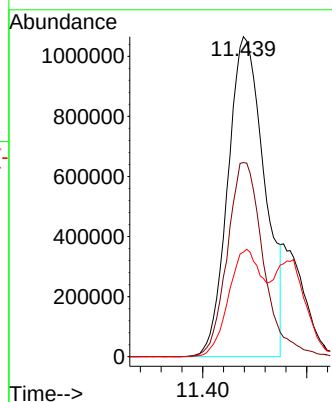
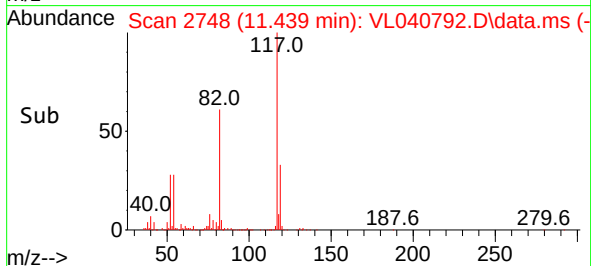
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



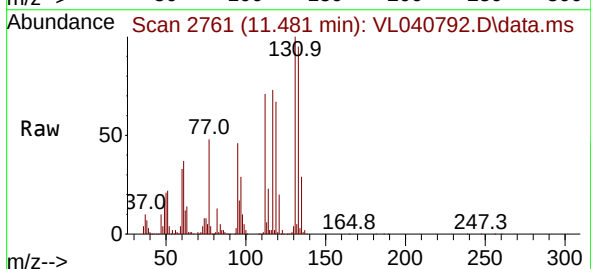
Tgt Ion:117 Resp: 2612530
Ion Ratio Lower Upper
117 100
82 60.3 46.6 70.0
119 30.6 26.0 39.0

Manual Integrations
APPROVED

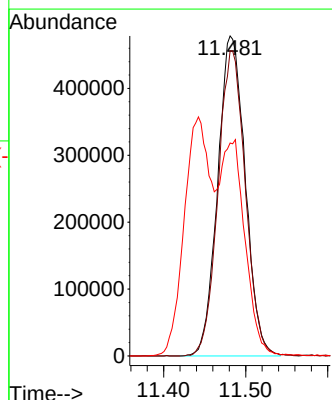
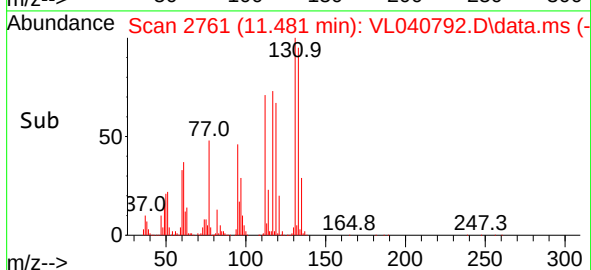
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

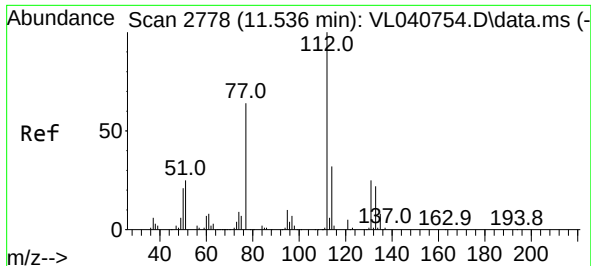


#56
1,1,1,2-Tetrachloroethane
Concen: 10.438 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29



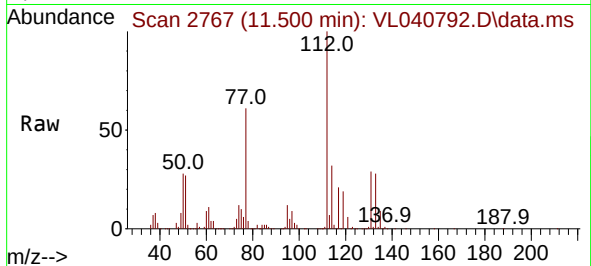
Tgt Ion:131 Resp: 1112913
Ion Ratio Lower Upper
131 100
133 95.0 75.0 112.6
119 59.7 45.4 68.0





#57
Chlorobenzene
Concen: 10.192 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

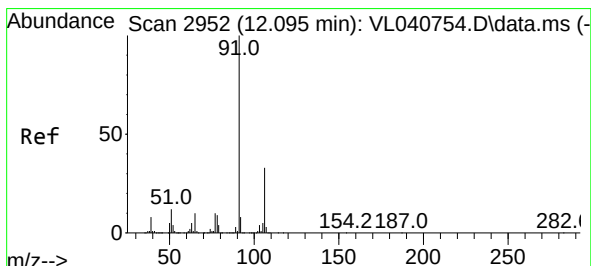
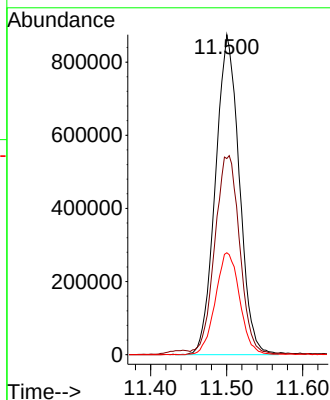
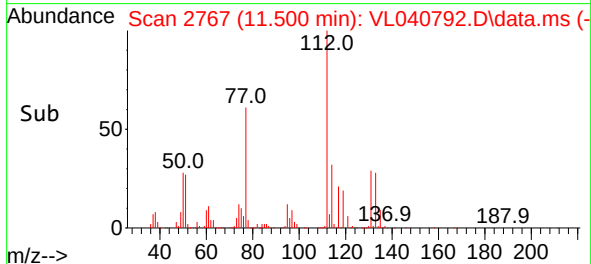
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1907750
Ion Ratio Lower Upper
112 100
77 60.8 51.9 77.9
114 31.8 28.6 35.0

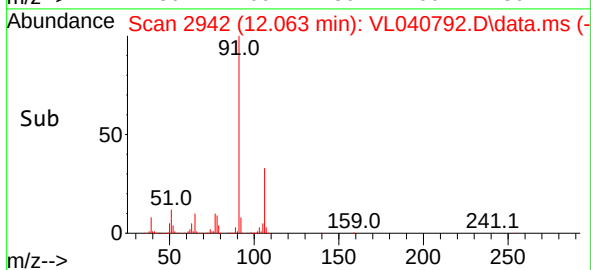
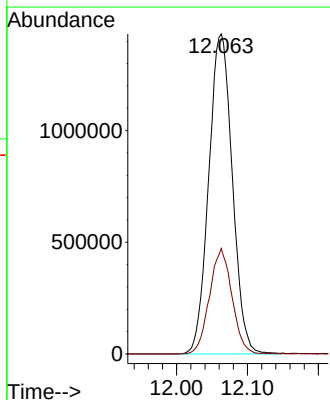
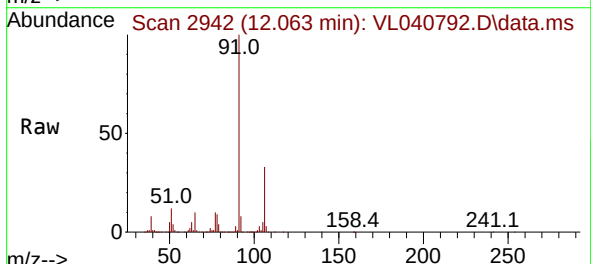
Manual Integrations
APPROVED

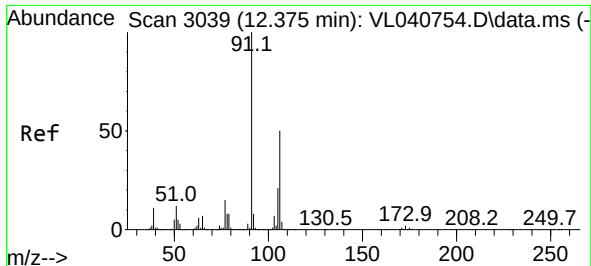
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#58
Ethyl Benzene
Concen: 10.066 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion: 91 Resp: 3310993
Ion Ratio Lower Upper
91 100
106 32.9 26.7 40.1





#59

m/p-Xylene

Concen: 20.306 ppbv m

RT: 12.346 min Scan# 3039

Delta R.T. -0.029 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 5497450

Ion Ratio Lower Upper

91 100

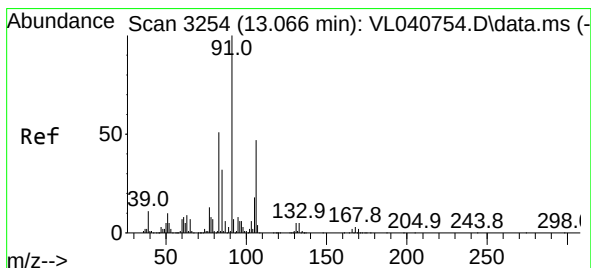
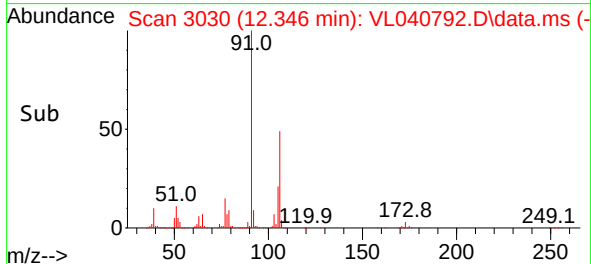
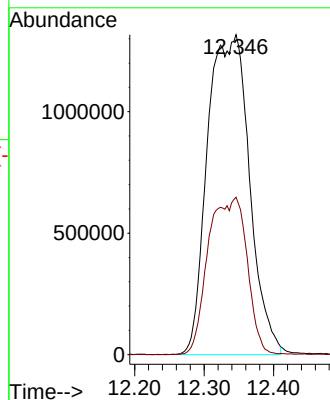
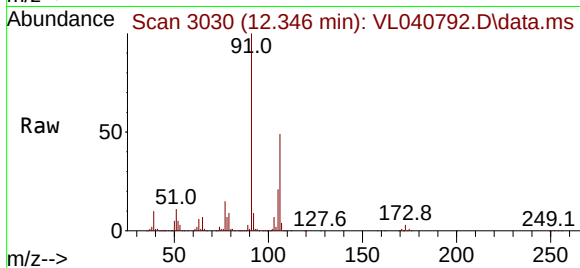
106 45.8 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#60

o-Xylene

Concen: 10.087 ppbv

RT: 13.031 min Scan# 3243

Delta R.T. -0.035 min

Lab File: VL040792.D

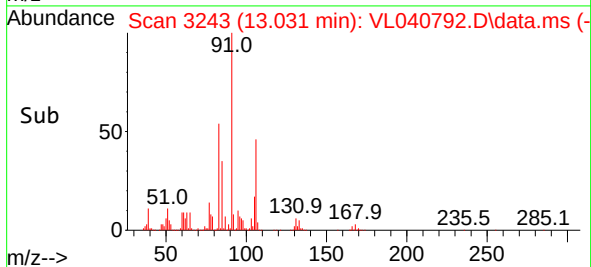
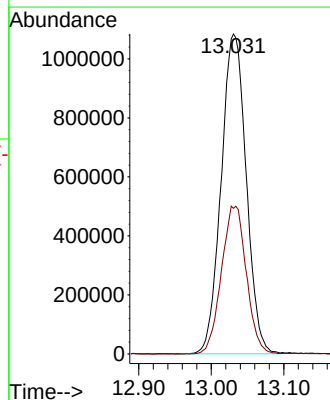
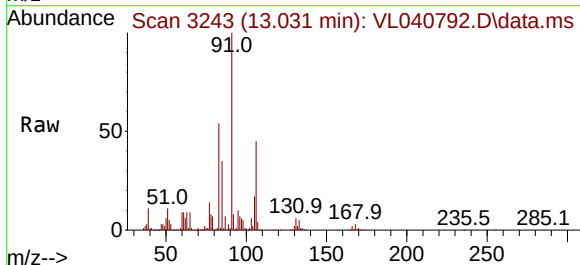
Acq: 24 Oct 2023 11:29

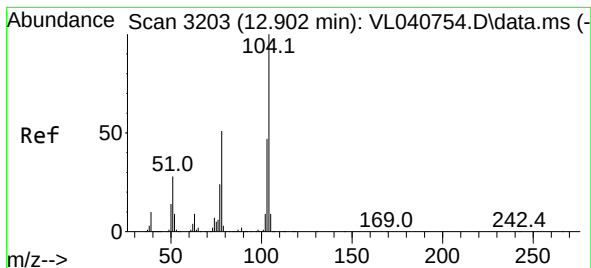
Tgt Ion: 91 Resp: 2602024

Ion Ratio Lower Upper

91 100

106 46.0 23.5 70.5





#61

Styrene

Concen: 10.136 ppbv

RT: 12.870 min Scan# 3193

Delta R.T. -0.032 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 144868

Ion Ratio Lower Upper

104 100

78 51.3 39.8 59.6

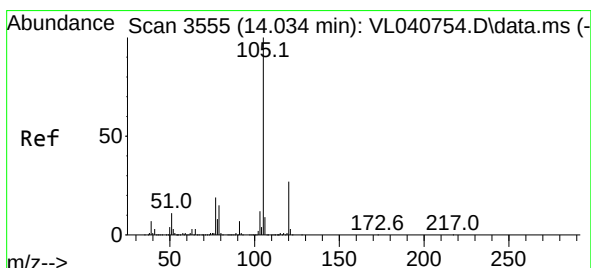
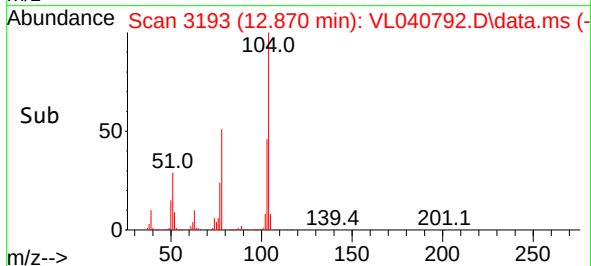
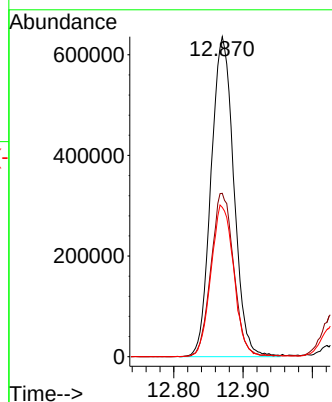
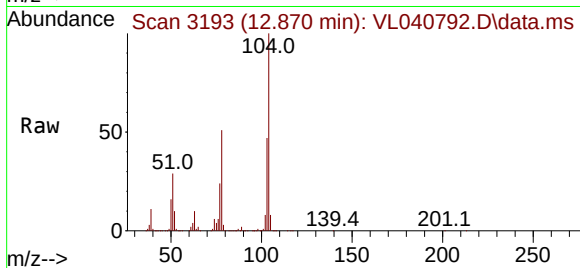
103 47.6 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#62

Isopropylbenzene

Concen: 9.807 ppbv

RT: 14.002 min Scan# 3545

Delta R.T. -0.032 min

Lab File: VL040792.D

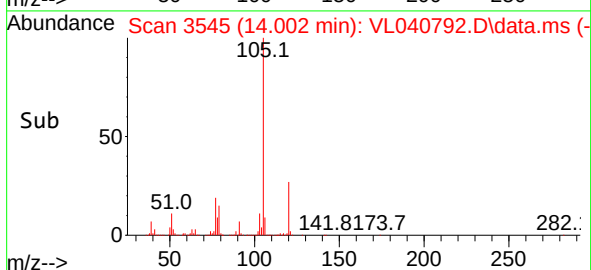
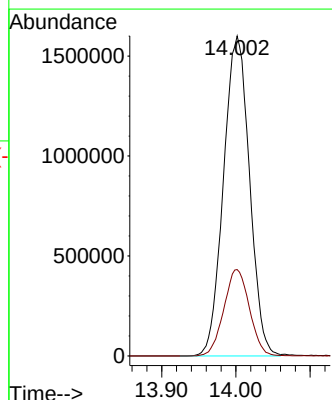
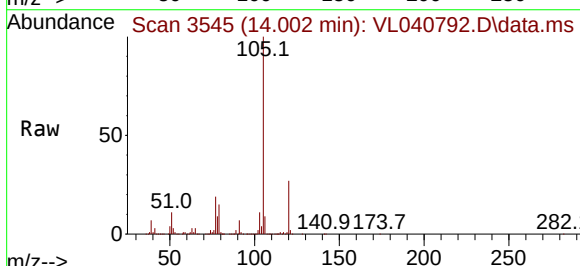
Acq: 24 Oct 2023 11:29

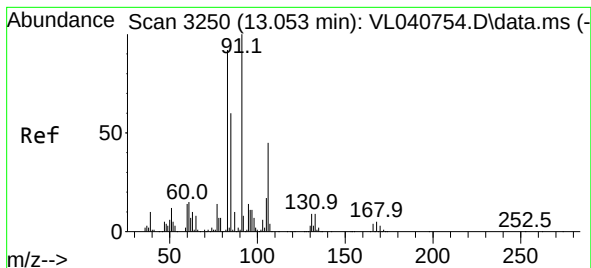
Tgt Ion:105 Resp: 3891752

Ion Ratio Lower Upper

105 100

120 26.6 21.5 32.3





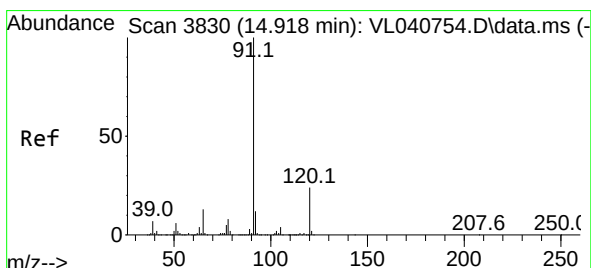
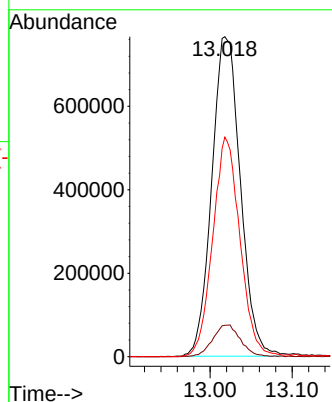
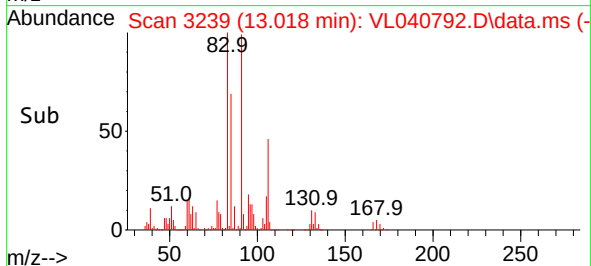
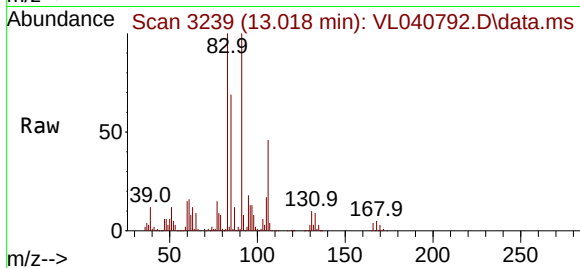
#63
1,1,2,2-Tetrachloroethane
Concen: 9.603 ppbv
RT: 13.018 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1857190
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 66.1 32.9 98.7

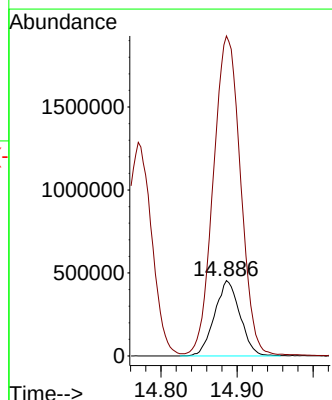
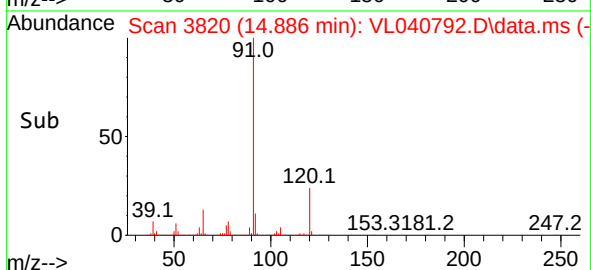
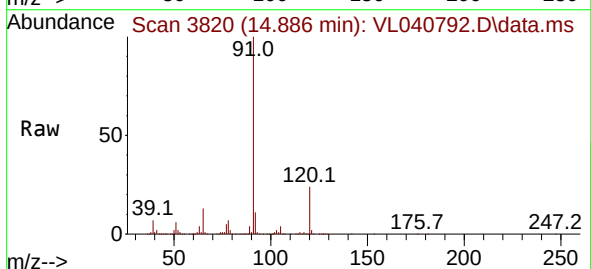
Manual Integrations
APPROVED

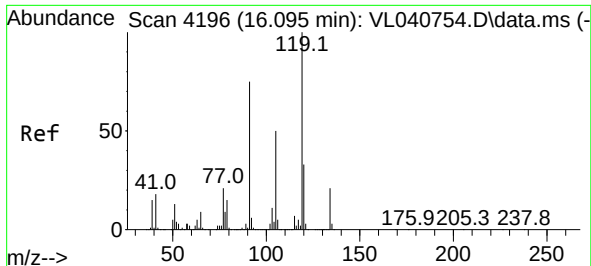
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
n-propylbenzene
Concen: 9.877 ppbv
RT: 14.886 min Scan# 3820
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion:120 Resp: 1052899
Ion Ratio Lower Upper
120 100
91 457.5 345.9 518.9





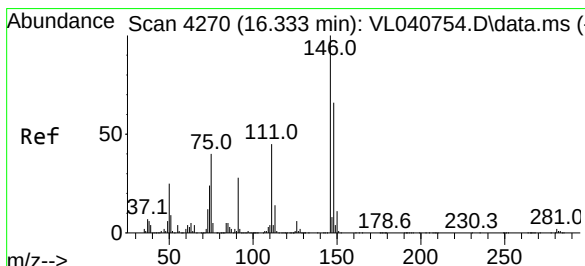
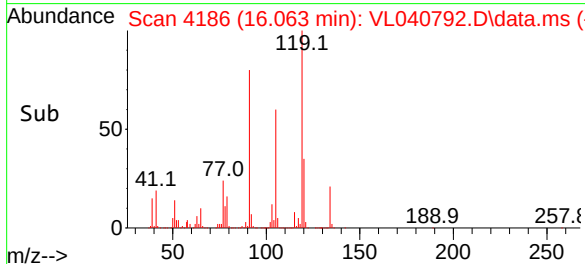
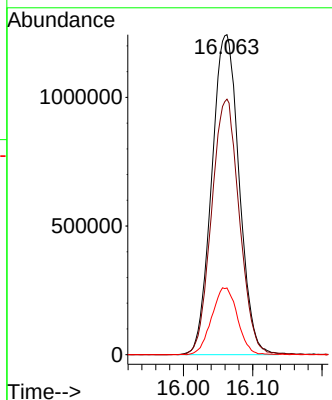
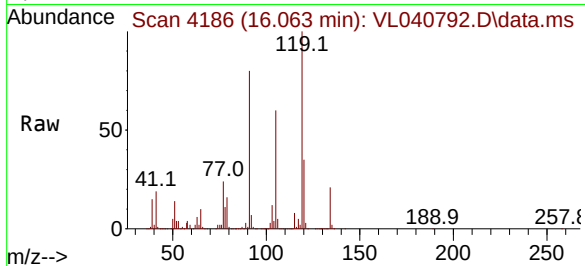
#65
tert-Butylbenzene
Concen: 9.562 ppbv
RT: 16.063 min Scan# 4196
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3422260
Ion Ratio Lower Upper
119 100
91 80.9 62.2 93.2
134 19.7 16.1 24.1

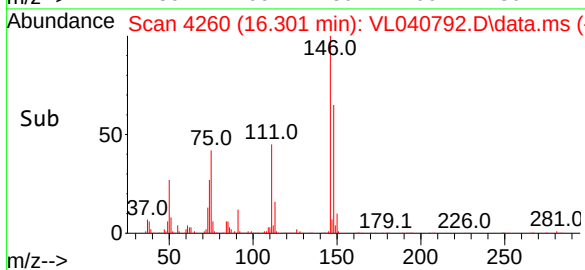
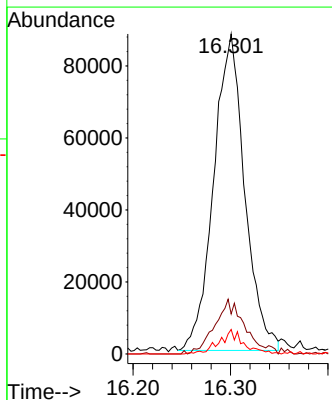
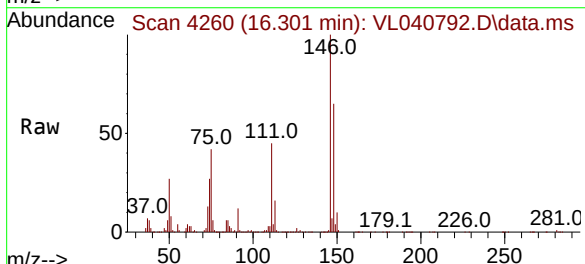
Manual Integrations
APPROVED

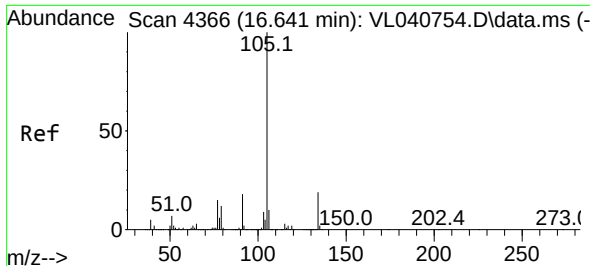
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
Benzyl Chloride
Concen: 5.384 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

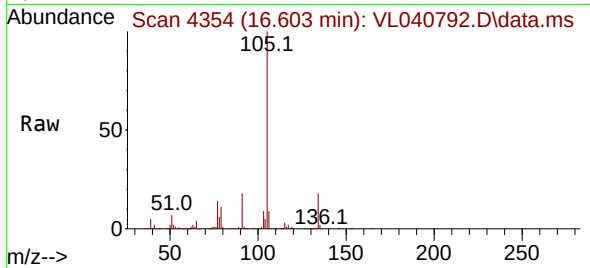
Tgt Ion: 91 Resp: 194141
Ion Ratio Lower Upper
91 100
126 17.3 16.1 24.1
128 6.0 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 9.846 ppbv
 RT: 16.603 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

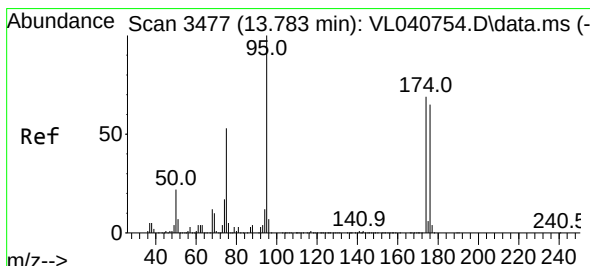
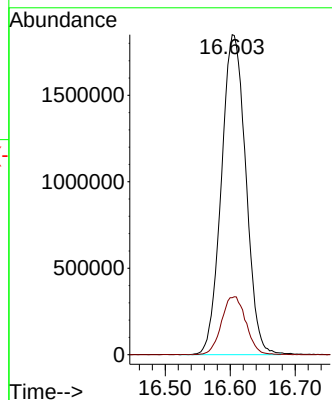
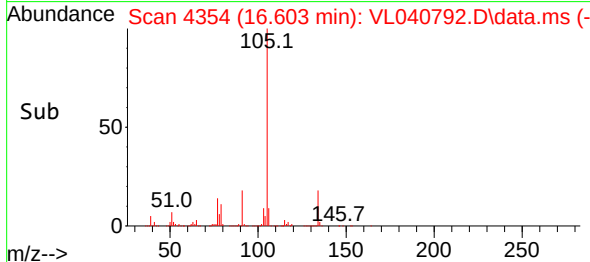
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 482511
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.4 23.2

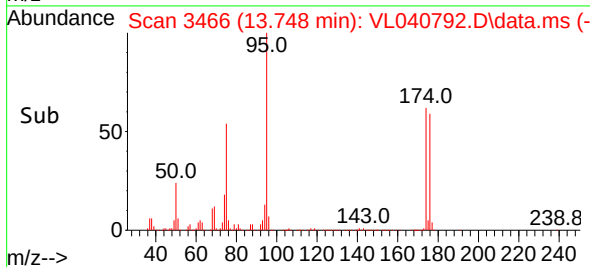
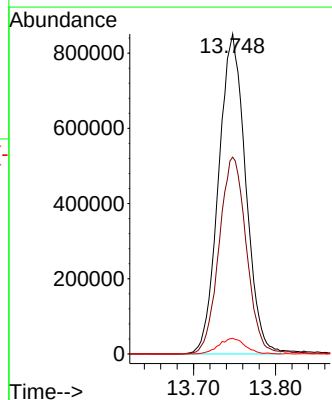
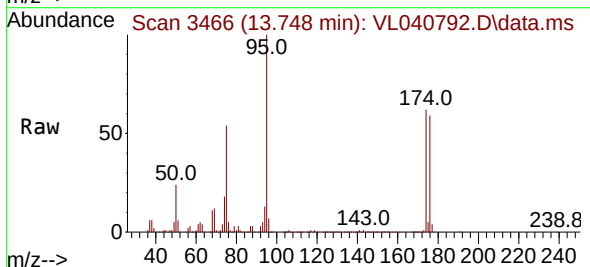
Manual Integrations
 APPROVED

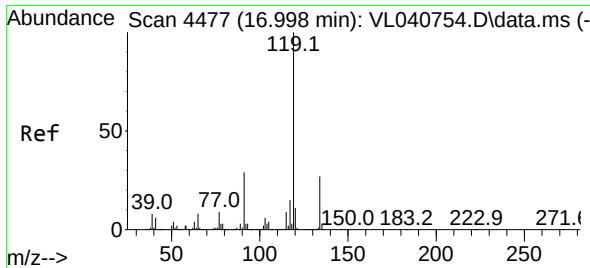
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.138 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. -0.035 min
 Lab File: VL040792.D
 Acq: 24 Oct 2023 11:29

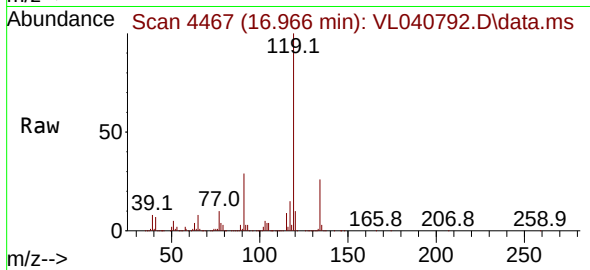
Tgt Ion: 95 Resp: 1948854
 Ion Ratio Lower Upper
 95 100
 174 62.6 54.7 82.1
 175 4.8 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.681 ppbv
RT: 16.966 min Scan# 4477
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

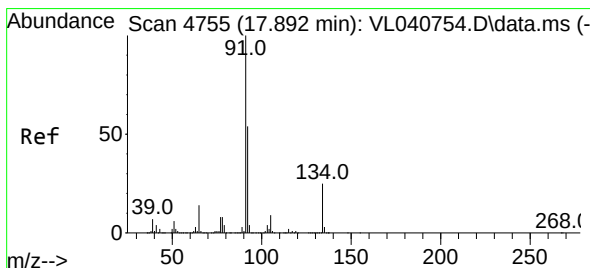
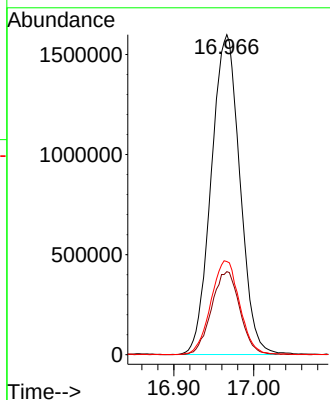
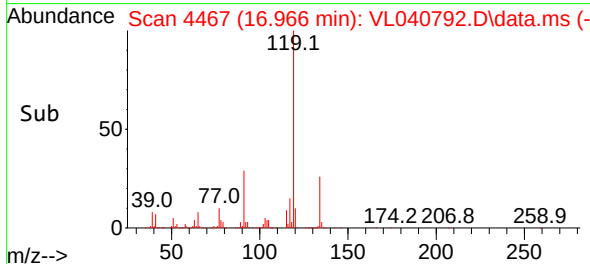
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



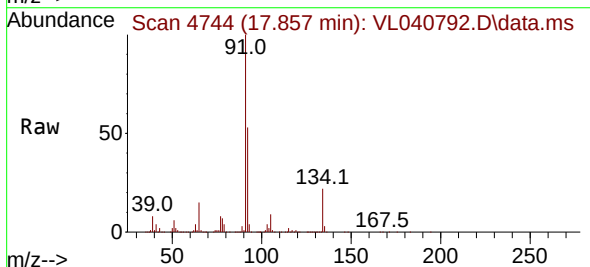
Tgt Ion: 119 Resp: 3975330
Ion Ratio Lower Upper
119 100
134 25.8 21.0 31.4
91 29.4 22.8 34.2

Manual Integrations
APPROVED

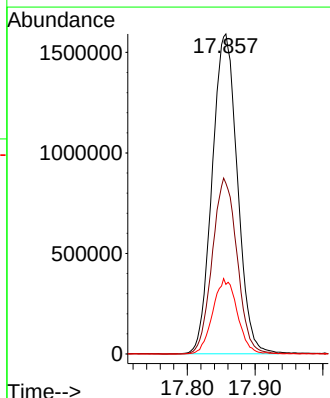
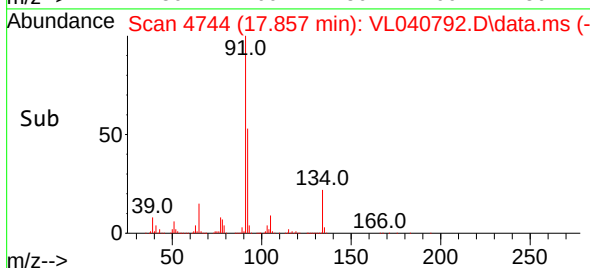
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

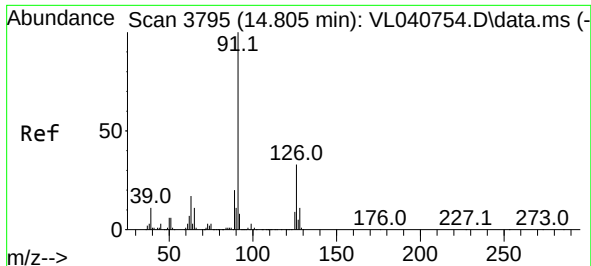


#70
n-Butylbenzene
Concen: 10.205 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29



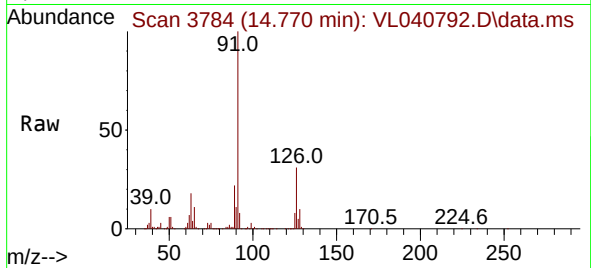
Tgt Ion: 91 Resp: 4114925
Ion Ratio Lower Upper
91 100
92 54.2 44.1 66.1
134 22.9 19.5 29.3





#71
2-Chlorotoluene
Concen: 10.154 ppbv
RT: 14.770 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

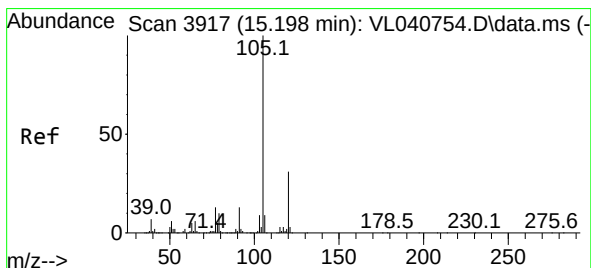
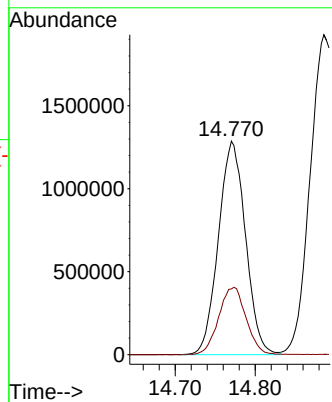
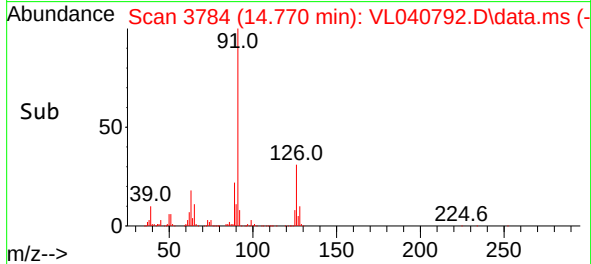
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



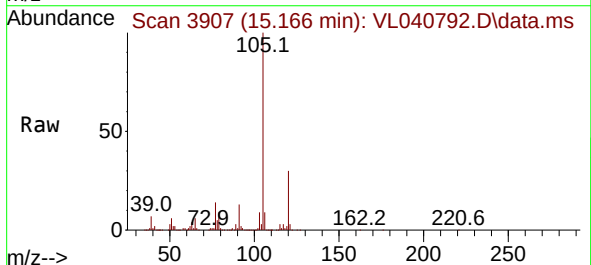
Tgt Ion: 91 Resp: 302696
Ion Ratio Lower Upper
91 100
126 32.0 13.3 53.1

Manual Integrations
APPROVED

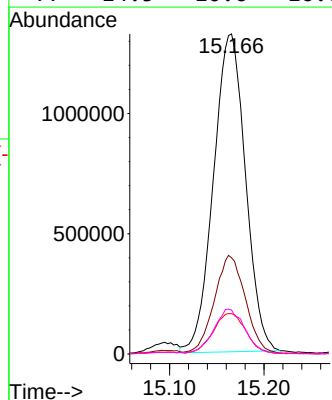
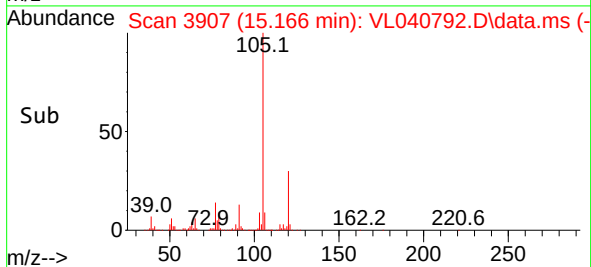
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

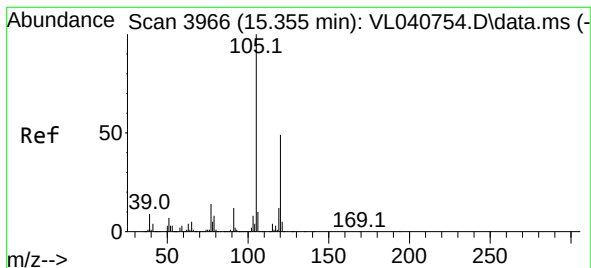


#72
4-Ethyltoluene
Concen: 10.282 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. -0.032 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29



Tgt Ion:105 Resp: 3105881
Ion Ratio Lower Upper
105 100
120 30.4 25.0 37.4
91 13.9 9.8 14.8
77 14.5 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 10.135 ppbv

RT: 15.323 min Scan# 3966

Delta R.T. -0.032 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 269550

Ion Ratio Lower Upper

105 100

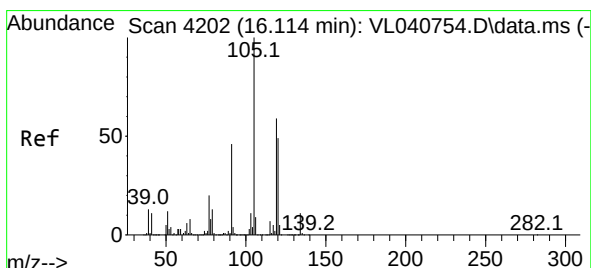
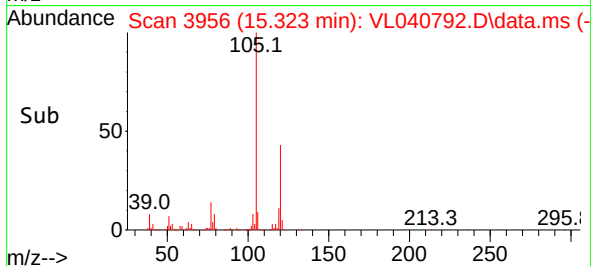
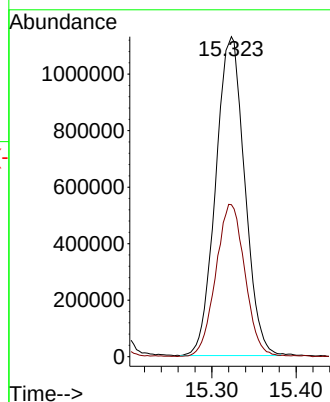
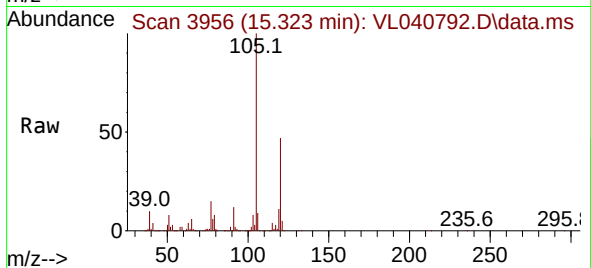
120 47.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.993 ppbv

RT: 16.079 min Scan# 4191

Delta R.T. -0.035 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Tgt Ion:105 Resp: 2903740

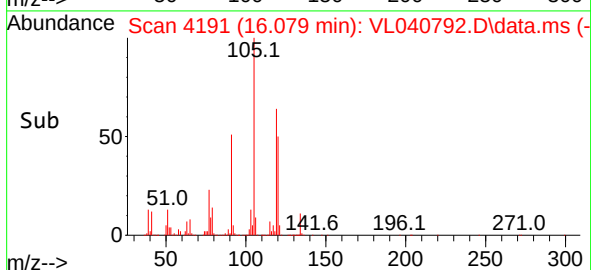
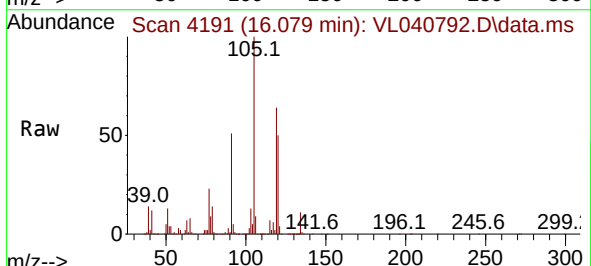
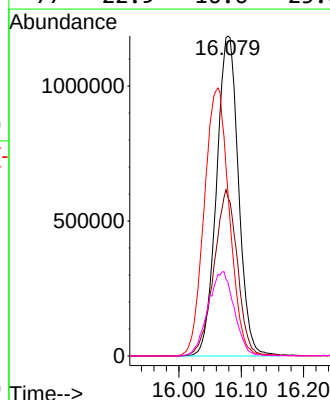
Ion Ratio Lower Upper

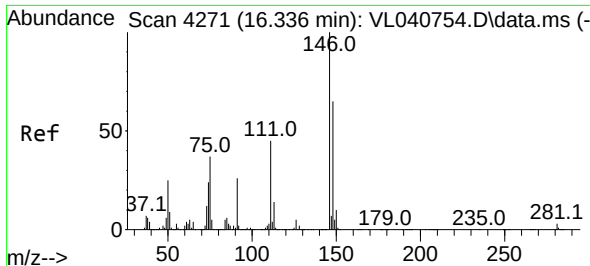
105 100

120 49.5 39.4 59.2

91 50.6 38.6 58.0

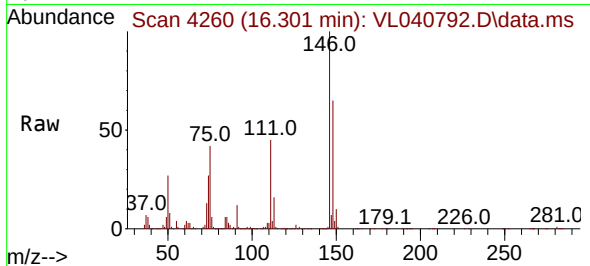
77 22.9 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.623 ppbv
RT: 16.301 min Scan# 41
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

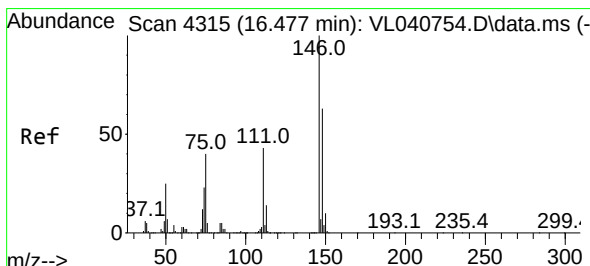
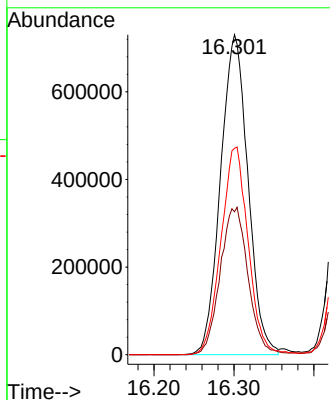
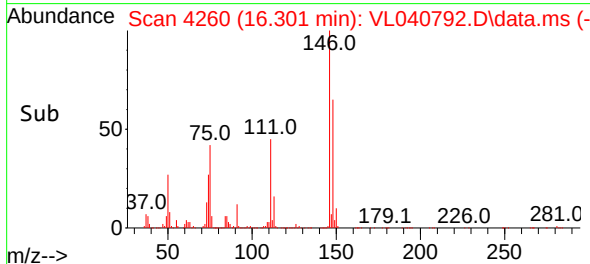
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



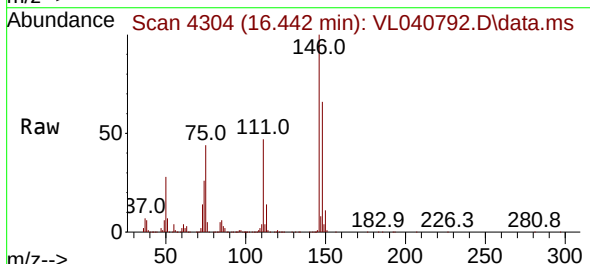
Tgt Ion:146 Resp: 173905
Ion Ratio Lower Upper
146 100
111 47.2 22.6 67.7
148 64.7 32.4 97.0

Manual Integrations
APPROVED

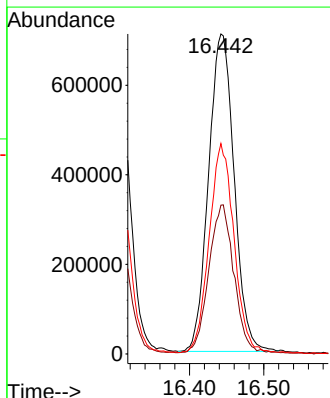
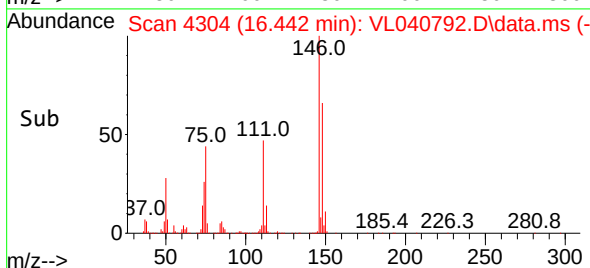
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

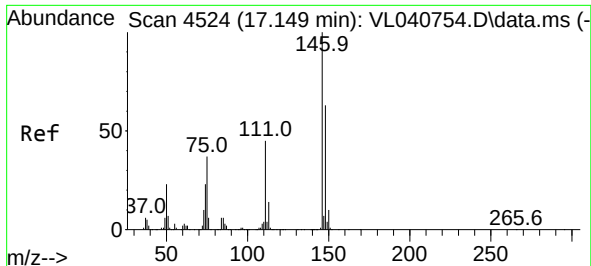


#76
1,4-Dichlorobenzene
Concen: 9.483 ppbv
RT: 16.442 min Scan# 4304
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29



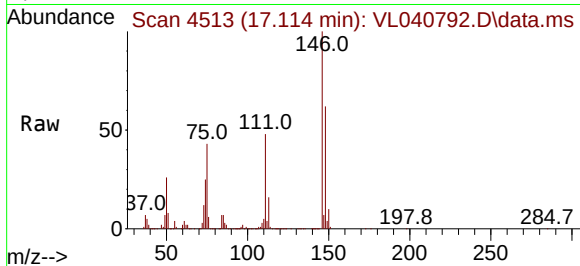
Tgt Ion:146 Resp: 1697250
Ion Ratio Lower Upper
146 100
111 47.2 22.0 66.0
148 65.3 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 9.485 ppbv
RT: 17.114 min Scan# 41
Delta R.T. -0.035 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

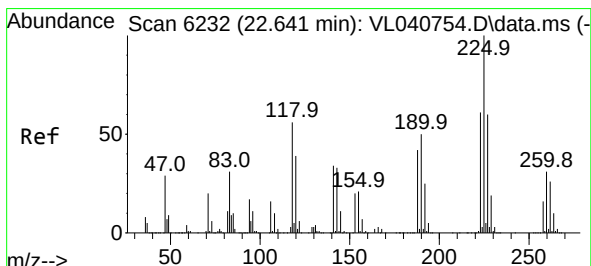
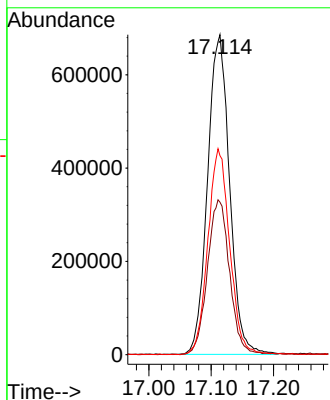
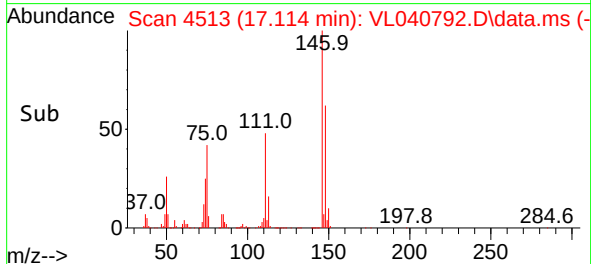
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



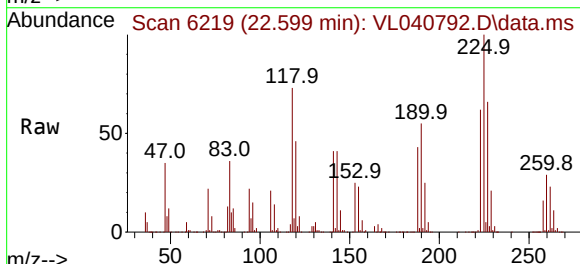
Tgt Ion:146 Resp: 168183
Ion Ratio Lower Upper
146 100
111 49.1 22.9 68.8
148 64.0 32.3 96.8

Manual Integrations
APPROVED

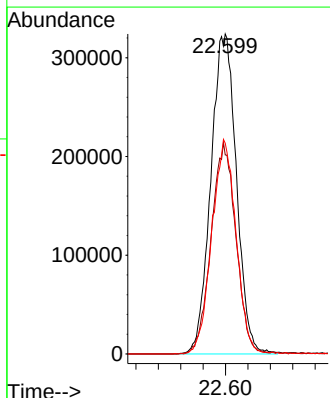
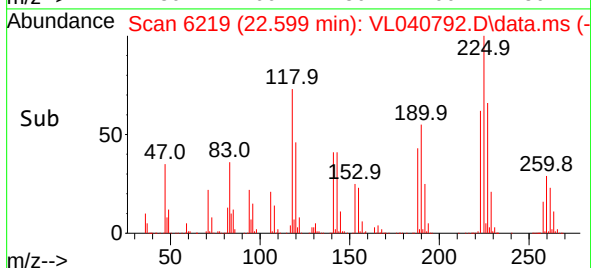
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

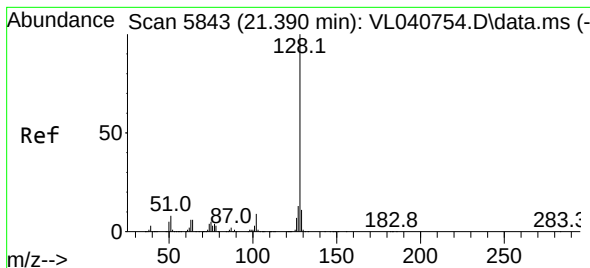


#78
Hexachloro-1,3-Butadiene
Concen: 8.095 ppbv m
RT: 22.599 min Scan# 6219
Delta R.T. -0.042 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29



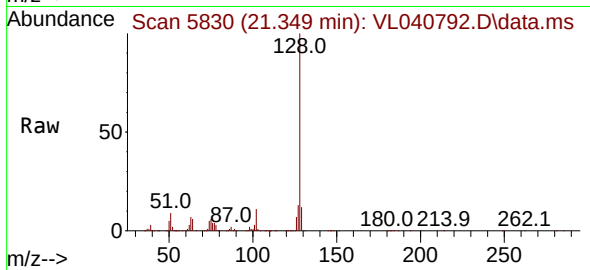
Tgt Ion:225 Resp: 1027078
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.4 77.0#





#79
Naphthalene
Concen: 10.292 ppbv
RT: 21.349 min Scan# 5830
Delta R.T. -0.042 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

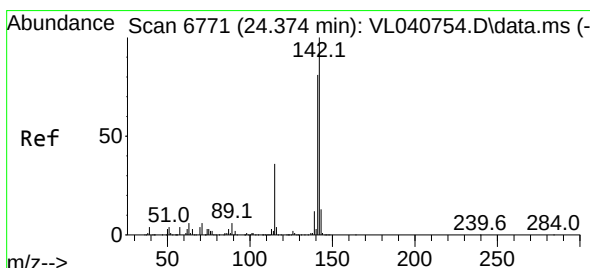
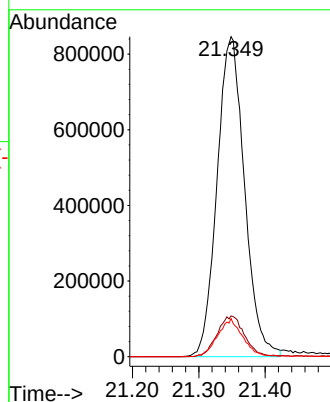
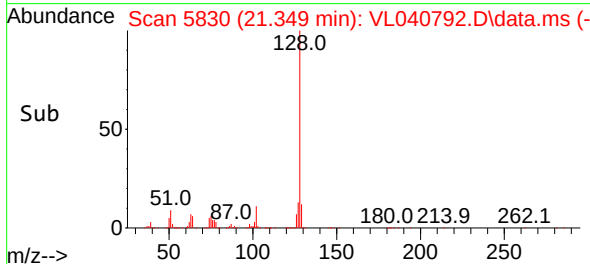
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 243090
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.9 9.0 13.4

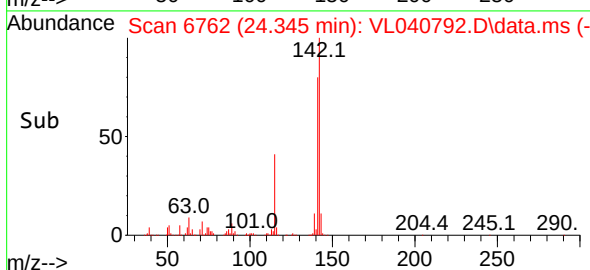
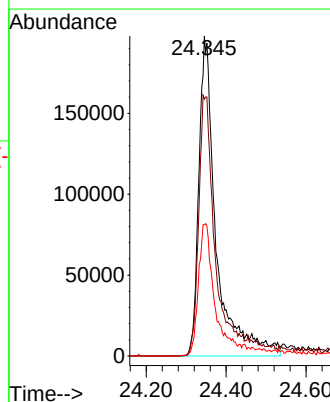
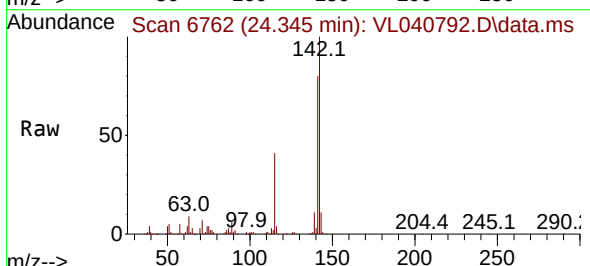
Manual Integrations
APPROVED

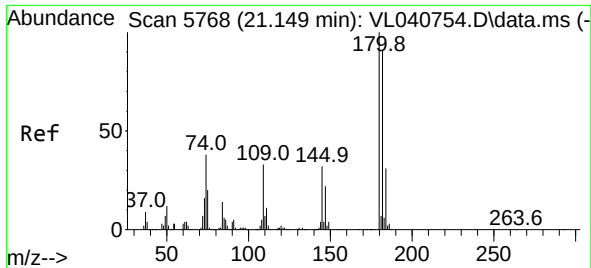
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#80
Naphthalene,2-methyl-
Concen: 9.052 ppbv
RT: 24.345 min Scan# 6762
Delta R.T. -0.029 min
Lab File: VL040792.D
Acq: 24 Oct 2023 11:29

Tgt Ion:142 Resp: 599987
Ion Ratio Lower Upper
142 100
141 84.4 66.3 99.5
115 38.6 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 9.598 ppbv

RT: 21.104 min Scan# 51

Delta R.T. -0.045 min

Lab File: VL040792.D

Acq: 24 Oct 2023 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:180 Resp: 1230830

Ion Ratio Lower Upper

180 100

182 98.2 77.9 116.9

184 30.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023

