

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040736.D
 Acq On : 4 Oct 2023 11:36
 Operator : SY/MD
 Sample : VL1004ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 04:26:03 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1100557	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3004800	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	3025923m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 2062612 8.823 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 88.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.739	85	2350383	9.693	ppbv	99
3) Chlorodifluoromethane	2.684	51	1744187	9.728	ppbv	97
4) Chloromethane	2.822	50	694612	10.120	ppbv	100
5) Vinyl Chloride	2.928	62	788476	9.719	ppbv	95
6) Bromomethane	3.128	94	376597	9.622	ppbv	96
7) Chloroethane	3.202	64	277539	9.961	ppbv	96
8) Dichlorotetrafluoroethane	2.864	85	1895038	9.467	ppbv	98
9) Propene	2.703	41	571300	11.061	ppbv	96
10) Heptane	7.571	43	1350759	11.606	ppbv	97
11) Trichlorofluoromethane	3.565	101	1890602	8.869	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1448415	9.499	ppbv	100
13) Ethanol	3.247	45	128492	8.405	ppbv	94
14) Bromoethene	3.369	108	628608	9.829	ppbv	99
15) Acetone	3.472	43	1313296	9.047	ppbv	100
16) 1,3-Butadiene	2.993	39	674574	10.662	ppbv	95
17) tert-Butyl alcohol	3.880	59	1497799	10.073	ppbv	99
18) 1,1-Dichloroethene	3.880	96	661519	9.760	ppbv	98
19) Isopropyl Alcohol	3.578	45	885785	10.127	ppbv	100
20) Methylene Chloride	3.931	84	561676	7.189	ppbv	95
21) Allyl Chloride	3.996	41	934068	10.499	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	675531	10.080	ppbv	100
23) Vinyl Acetate	4.623	43	1710200	11.392	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1357564	9.663	ppbv	99
25) Ethyl Acetate	5.198	43	2500068	10.678	ppbv	100
26) Hexane	5.208	57	1124799	10.160	ppbv	96
27) Carbon Disulfide	4.124	76	1723289	11.162	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	1006975	10.572	ppbv	99
29) Chloroform	5.269	83	1918733	10.038	ppbv	99
30) Cyclohexane	6.594	84	991371	11.891	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	1158898	11.283	ppbv	92
32) 1,1,1-Trichloroethane	5.996	97	1933005	9.892	ppbv	99
34) 2-Butanone	4.784	43	1500604	9.930	ppbv	97
35) Carbon Tetrachloride	6.488	117	2011573	9.750	ppbv	96
36) Benzene	6.362	78	2446721	10.996	ppbv	96
37) 1,2-Dichloroethane	5.800	62	1423799	9.350	ppbv	97
38) Trichloroethene	7.285	130	977590	11.521	ppbv	98
39) 1,2-Dichloropropane	7.063	63	904788	10.564	ppbv	96
40) 1,4-Dioxane	7.275	88	393090	12.140	ppbv #	98
41) Tetrahydrofuran	5.549	42	891878	11.510	ppbv	100
42) Bromodichloromethane	7.243	83	2101159	10.112	ppbv	98
43) Methyl Methacrylate	7.465	69	968598	11.711	ppbv	98
44) 2,2,4-Trimethylpentane	7.317	57	3898021	11.003	ppbv	97
45) t-1,3-Dichloropropene	8.700	75	828883	12.924	ppbv	95

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

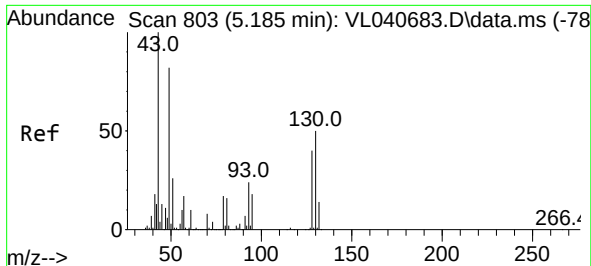
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

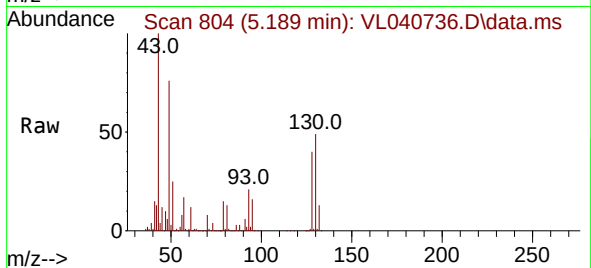
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	939180	11.969	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	1033092	10.510	ppbv	98
48) Dibromochloromethane	9.700	129	1785170	11.010	ppbv	99
49) Bromoform	12.394	173	1489546	11.186	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2277222	11.152	ppbv	97
51) 2-Hexanone	9.539	43	1693313	12.014	ppbv #	97
52) Tetrachloroethene	10.603	164	859028	11.835	ppbv	98
53) Toluene	9.211	91	2822955	12.017	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1501367	11.967	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.494	131	1308292	9.070	ppbv	98
57) Chlorobenzene	11.513	112	2204465	9.620	ppbv	98
58) Ethyl Benzene	12.073	91	3776296	10.946	ppbv	98
59) m/p-Xylene	12.359	91	6482586m	20.011	ppbv	
60) o-Xylene	13.047	91	3113834	10.079	ppbv	99
61) Styrene	12.883	104	1604023	12.389	ppbv	97
62) Isopropylbenzene	14.015	105	4525795	9.703	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	2236856	9.238	ppbv	99
64) n-propylbenzene	14.902	120	1182054	10.135	ppbv	97
65) tert-Butylbenzene	16.072	119	3987447	9.524	ppbv	97
66) Benzyl Chloride	16.310	91	548406	11.224	ppbv	98
67) sec-Butylbenzene	16.619	105	5682427	9.481	ppbv	100
69) p-Isopropyltoluene	16.979	119	4632950	9.836	ppbv	99
70) n-Butylbenzene	17.870	91	4970708	9.588	ppbv	99
71) 2-Chlorotoluene	14.783	91	3488003	10.107	ppbv	98
72) 4-Ethyltoluene	15.175	105	3633526	10.488	ppbv	100
73) 1,3,5-Trimethylbenzene	15.336	105	3136104	10.053	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	3522231	9.262	ppbv	94
75) 1,3-Dichlorobenzene	16.317	146	2069693	9.552	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	2016119	9.457	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1989246	9.217	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1468421	8.993	ppbv	99
79) Naphthalene	21.365	128	3179535	13.436	ppbv	98
80) Naphthalene,2-methyl-	24.362	142	857108	14.787	ppbv	98
81) 1,2,4-Trichlorobenzene	21.120	180	1650884	10.680	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 803
Delta R.T. -0.009 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

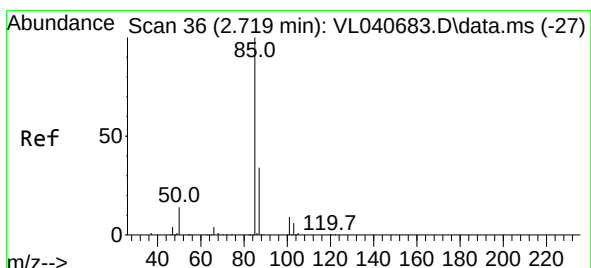
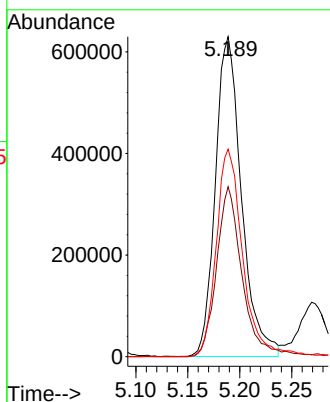
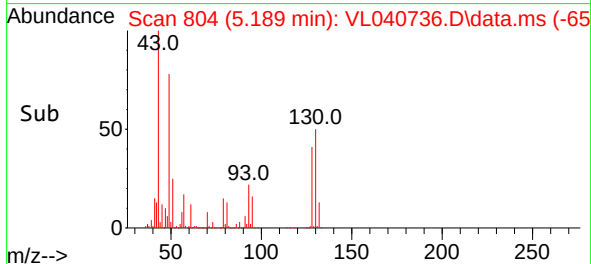
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 49 Resp: 110055
Ion Ratio Lower Upper
49 100
128 52.8 25.4 76.0
130 66.9 32.3 96.8

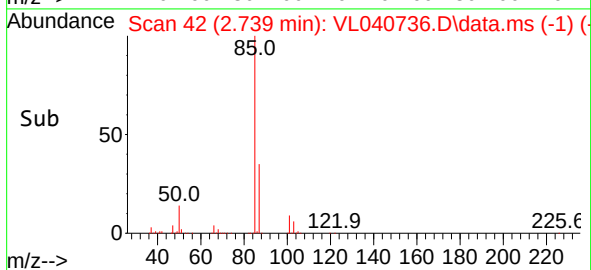
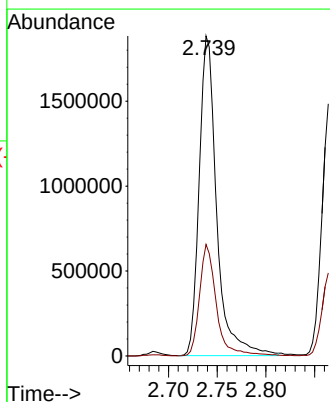
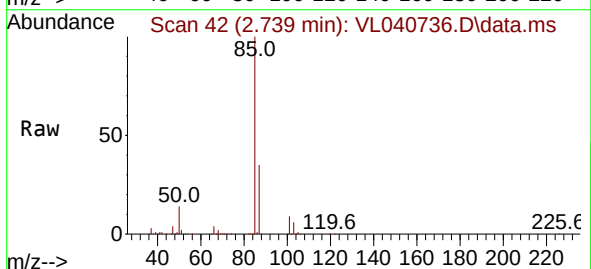
Manual Integrations
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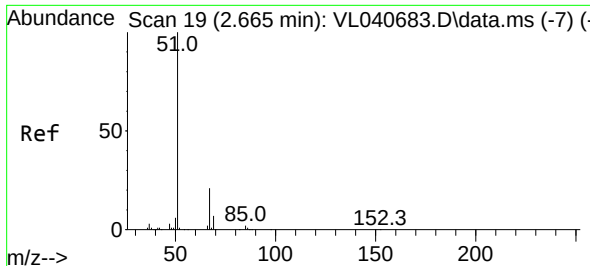
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#2
Dichlorodifluoromethane
Concen: 9.693 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.007 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

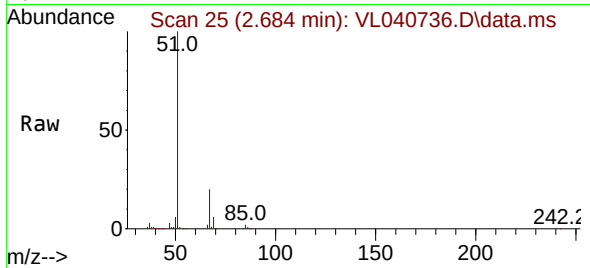
Tgt Ion: 85 Resp: 2350383
Ion Ratio Lower Upper
85 100
87 34.8 27.2 40.8





#3
Chlorodifluoromethane
Concen: 9.728 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

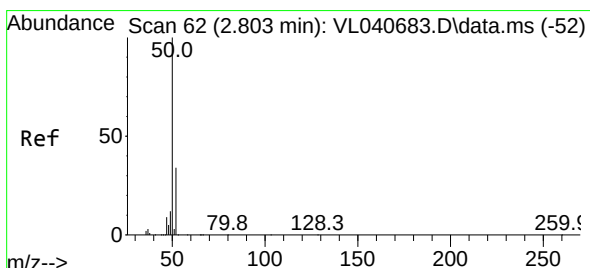
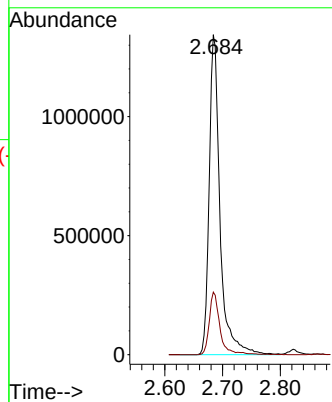
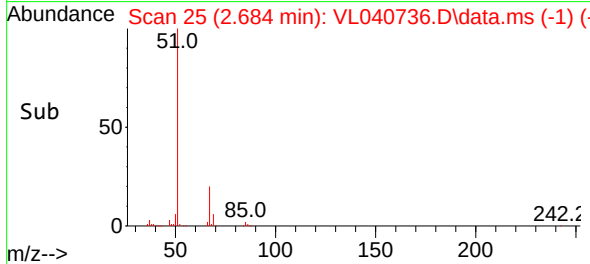
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



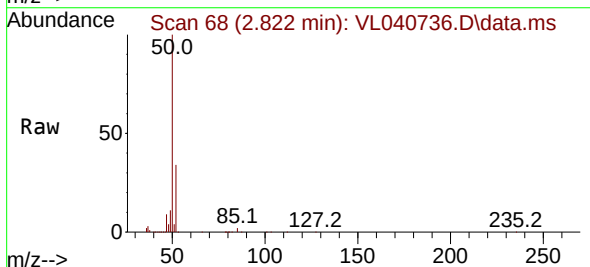
Tgt Ion: 51 Resp: 174418
Ion Ratio Lower Upper
51 100
67 19.5 16.7 25.1

Manual Integrations
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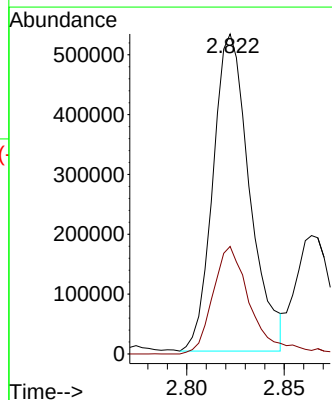
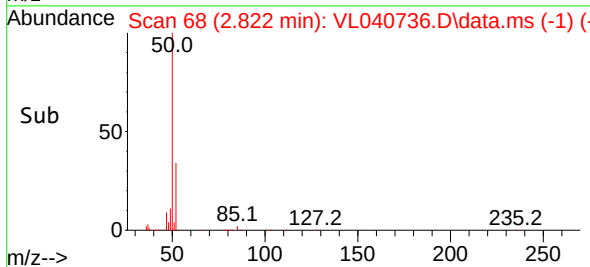
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

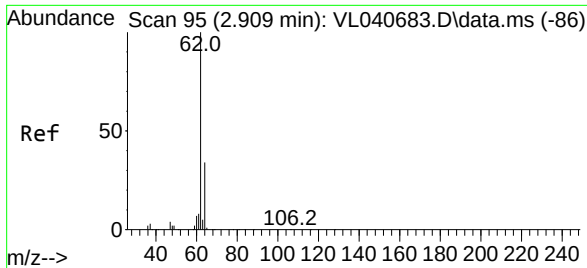


#4
Chloromethane
Concen: 10.120 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.007 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



Tgt Ion: 50 Resp: 694612
Ion Ratio Lower Upper
50 100
52 33.9 27.1 40.7





#5
 Vinyl Chloride
 Concen: 9.719 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.003 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

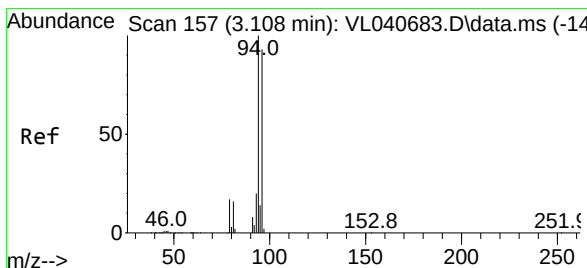
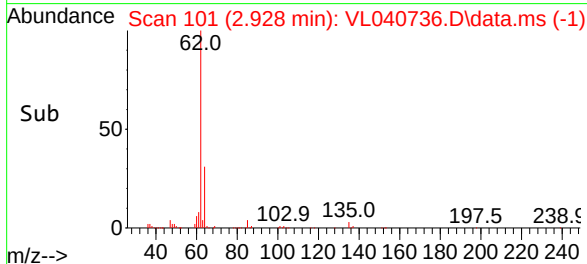
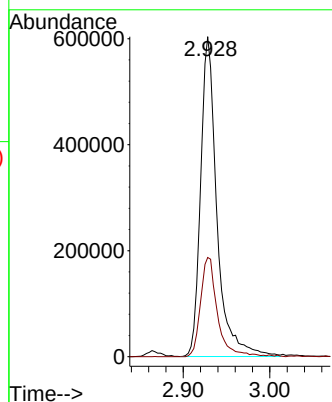
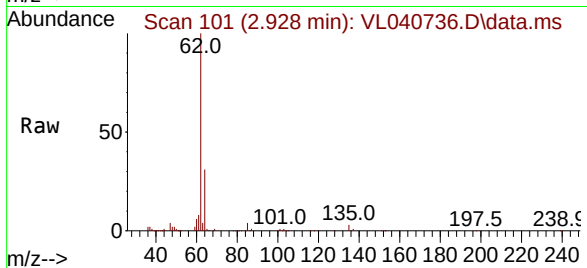
VL1004ABS01

Tgt Ion: 62 Resp: 788470
 Ion Ratio Lower Upper
 62 100
 64 31.0 27.2 40.8

Manual Integrations

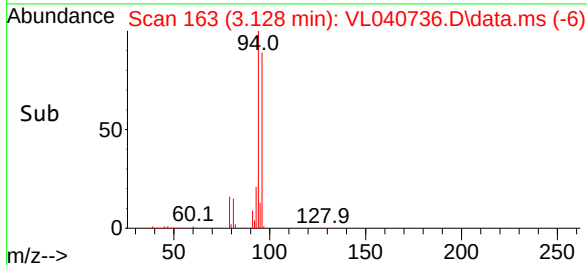
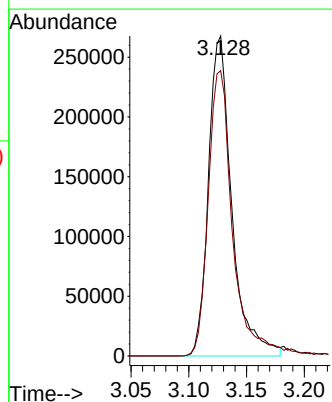
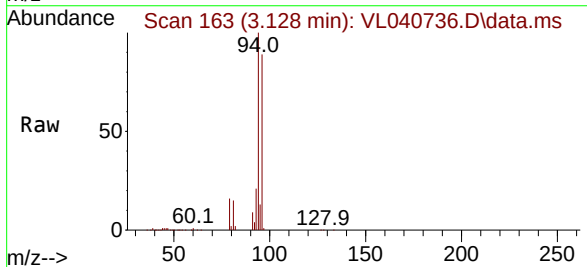
APPROVED

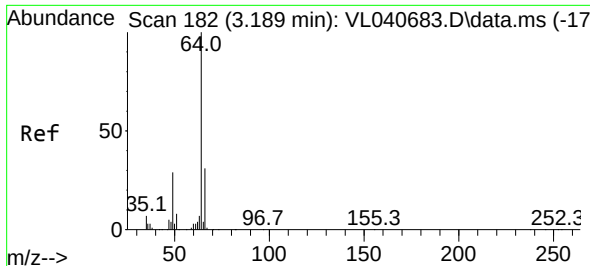
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#6
 Bromomethane
 Concen: 9.622 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

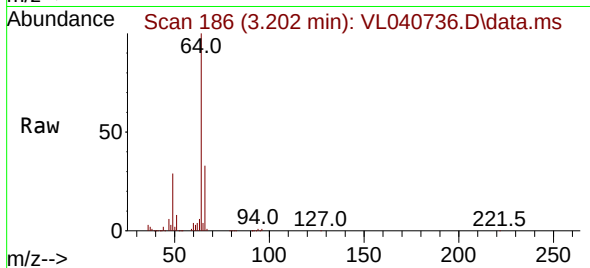
Tgt Ion: 94 Resp: 376597
 Ion Ratio Lower Upper
 94 100
 96 89.1 74.4 111.6





#7
Chloroethane
Concen: 9.961 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

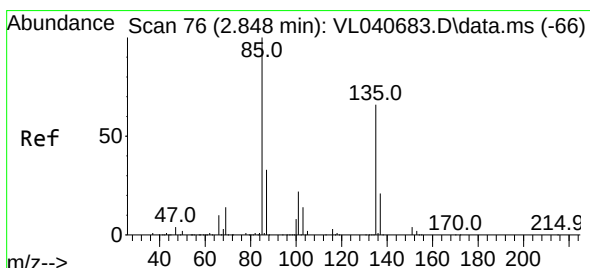
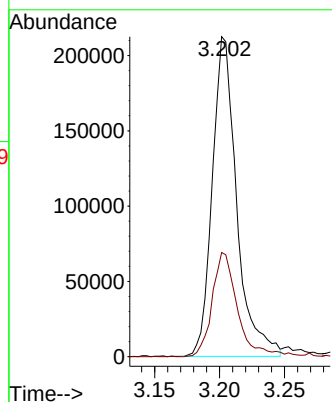
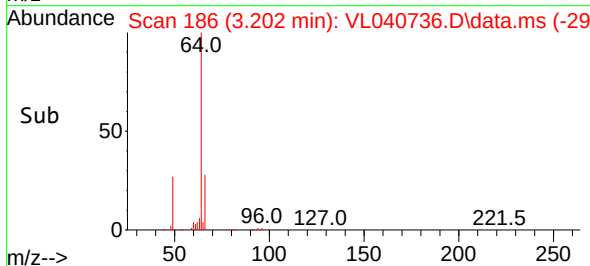
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



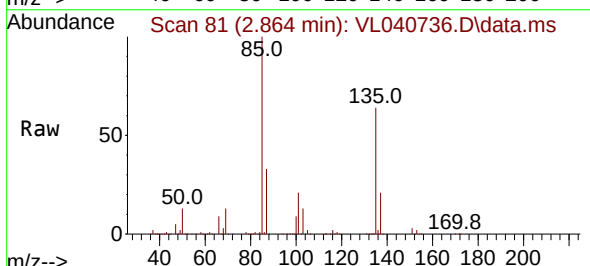
Tgt Ion: 64 Resp: 277539
Ion Ratio Lower Upper
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66 32.6 24.5 36.7

Manual Integrations
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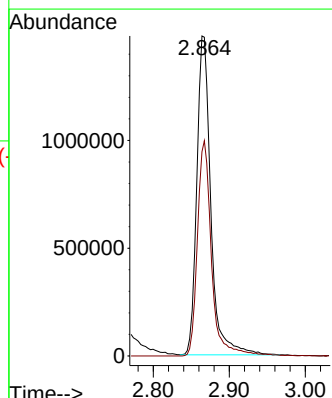
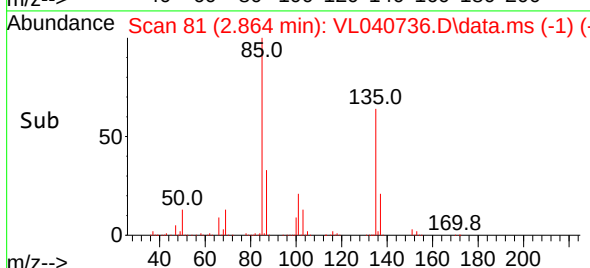
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

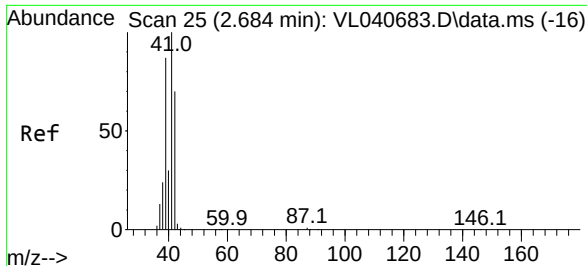


#8
Dichlorotetrafluoroethane
Concen: 9.467 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



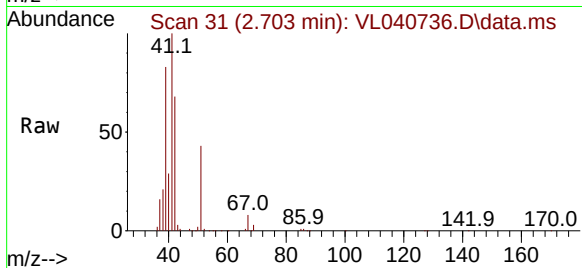
Tgt Ion: 85 Resp: 1895038
Ion Ratio Lower Upper
85 100
135 68.1 53.4 80.2





#9
 Propene
 Concen: 11.061 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

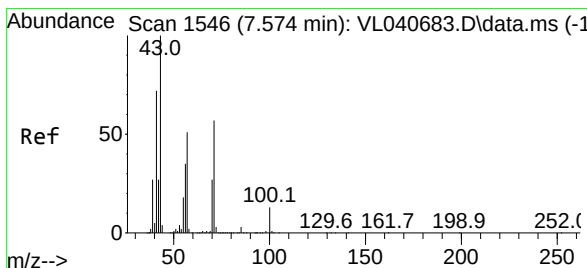
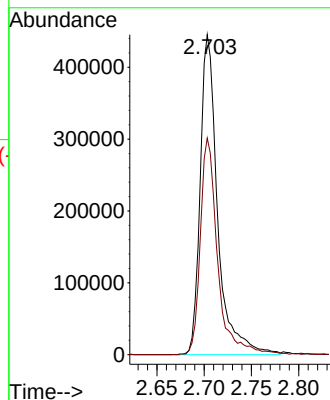
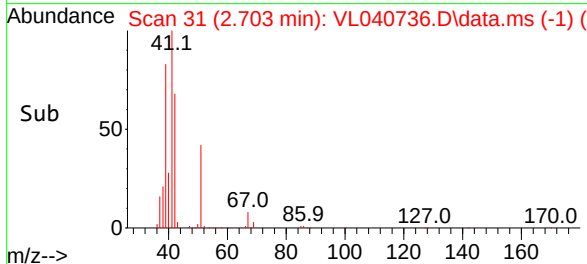
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



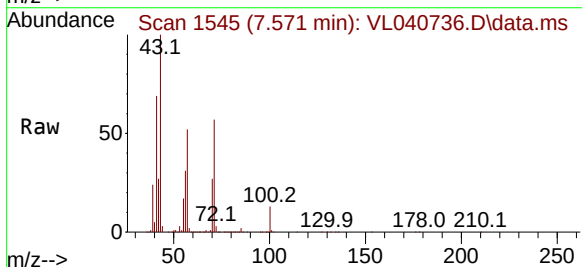
Tgt Ion: 41 Resp: 571300
 Ion Ratio Lower Upper
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 42 67.7 56.7 85.1

Manual Integrations
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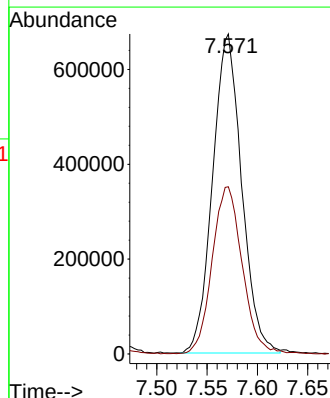
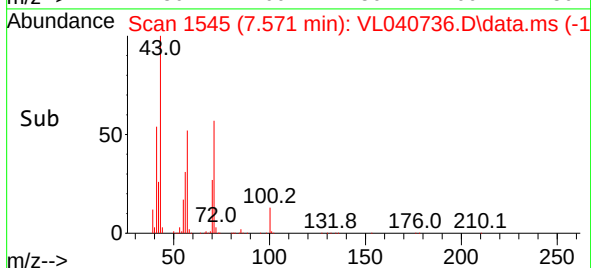
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

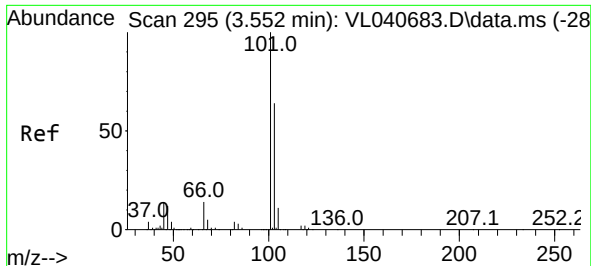


#10
 Heptane
 Concen: 11.606 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.016 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36



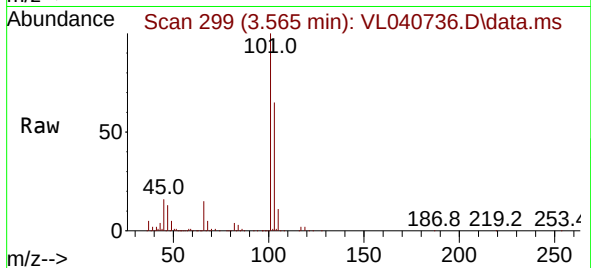
Tgt Ion: 43 Resp: 1350759
 Ion Ratio Lower Upper
 43 100
 57 54.6 41.8 62.6





#11
 Trichlorofluoromethane
 Concen: 8.869 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. -0.003 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

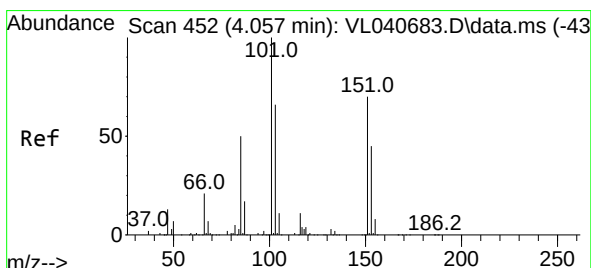
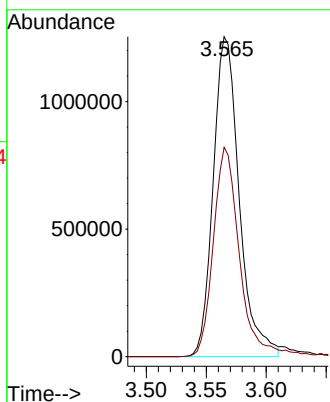
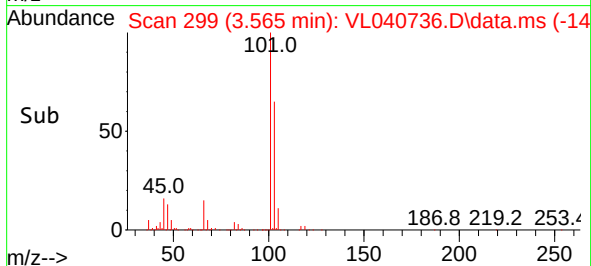
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



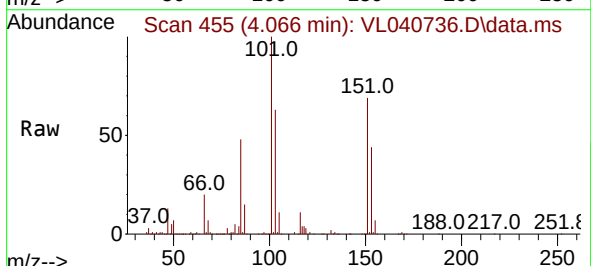
Tgt Ion:101 Resp: 1890602
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9

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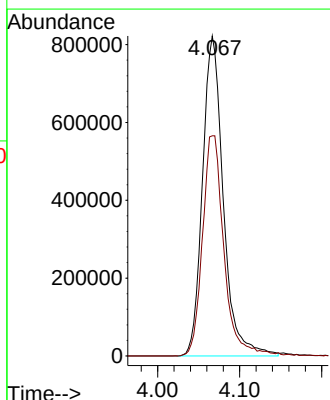
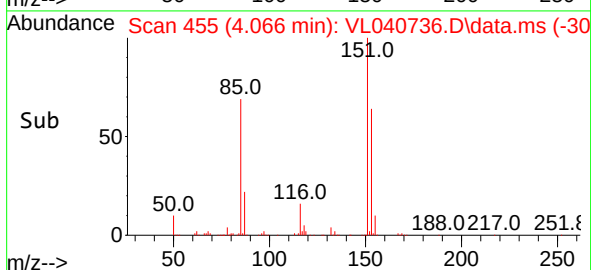
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

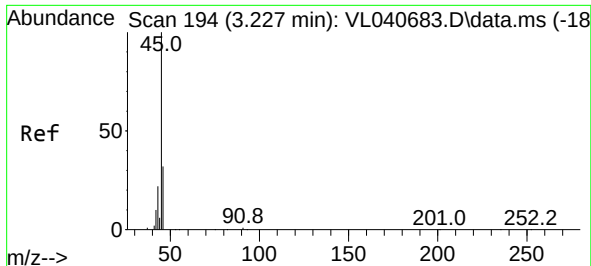


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.499 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.006 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36



Tgt Ion:101 Resp: 1448415
 Ion Ratio Lower Upper
 101 100
 151 71.3 56.8 85.2





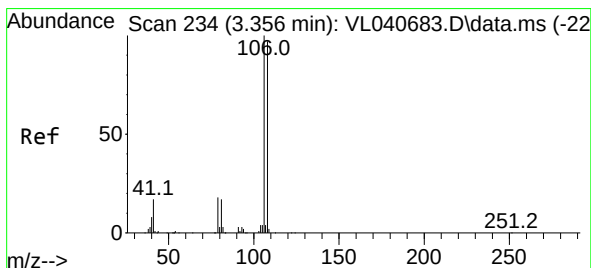
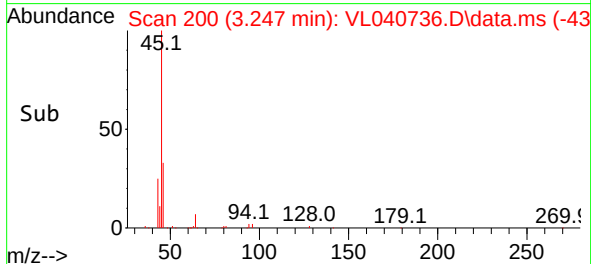
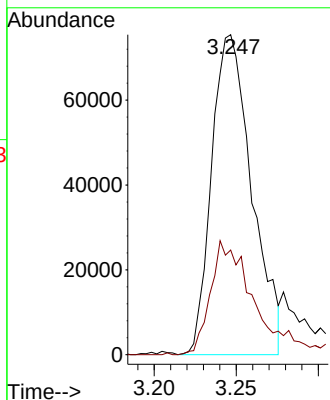
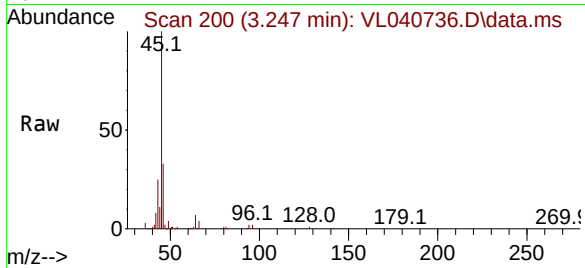
#13
Ethanol
Concen: 8.405 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 45 Resp: 128492
Ion Ratio Lower Upper
45 100
46 41.9 15.2 61.0

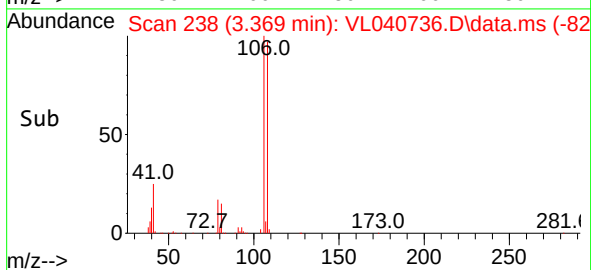
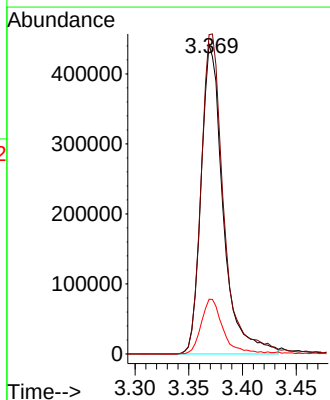
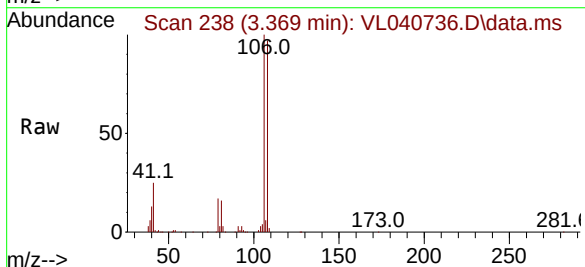
Manual Integrations
APPROVED

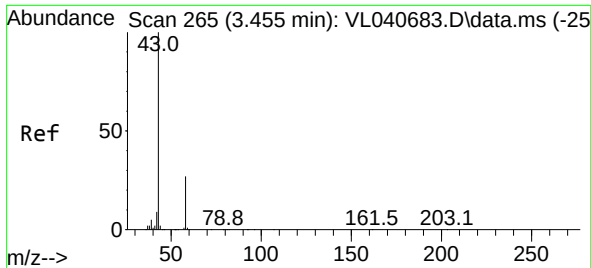
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#14
Bromoethene
Concen: 9.829 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:108 Resp: 628608
Ion Ratio Lower Upper
108 100
106 106.7 86.0 129.0
79 18.3 15.6 23.4





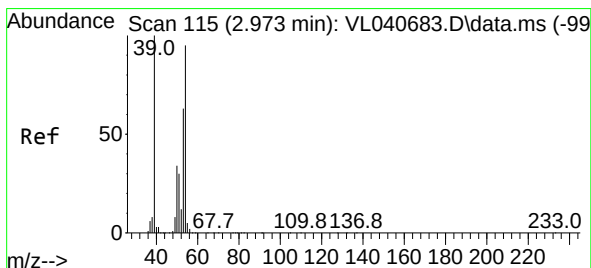
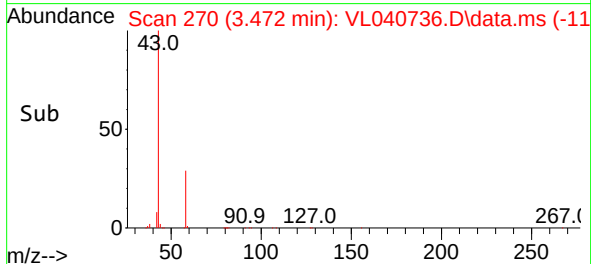
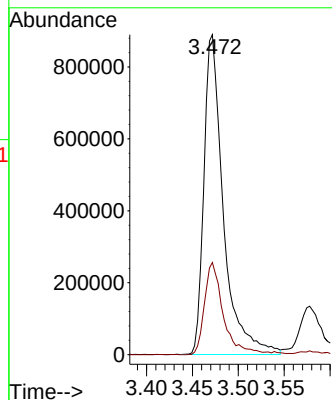
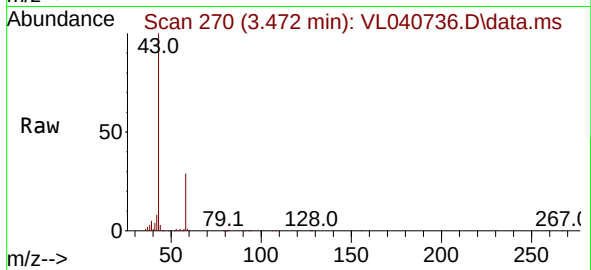
#15
Acetone
Concen: 9.047 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 43 Resp: 1313290
Ion Ratio Lower Upper
43 100
58 28.4 22.6 34.0

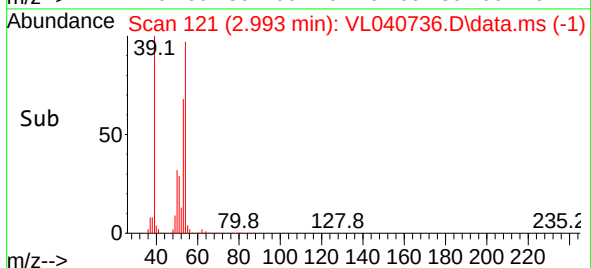
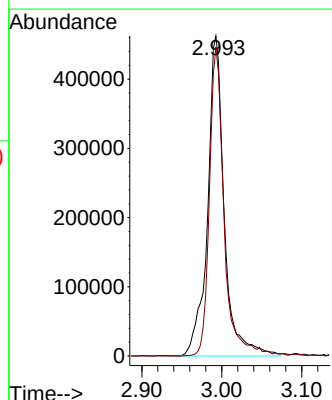
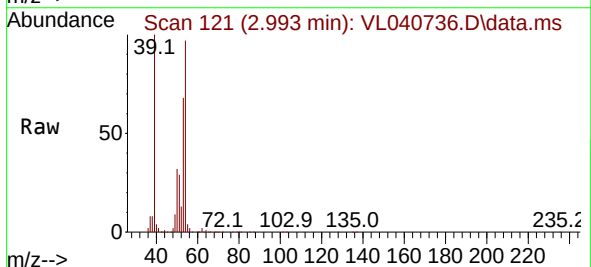
Manual Integrations
APPROVED

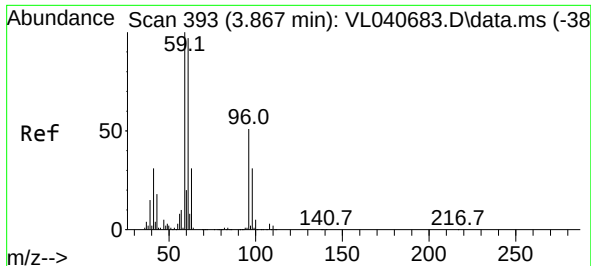
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#16
1,3-Butadiene
Concen: 10.662 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 39 Resp: 674574
Ion Ratio Lower Upper
39 100
54 85.1 64.8 97.2





#17

tert-Butyl alcohol

Concen: 10.073 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 59 Resp: 149779

Ion Ratio Lower Upper

59 100

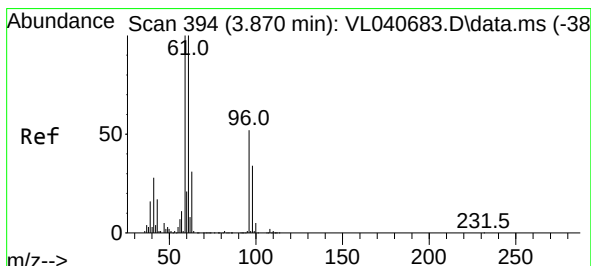
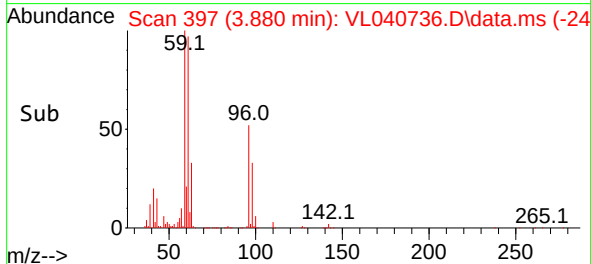
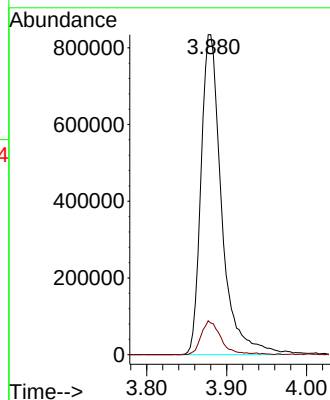
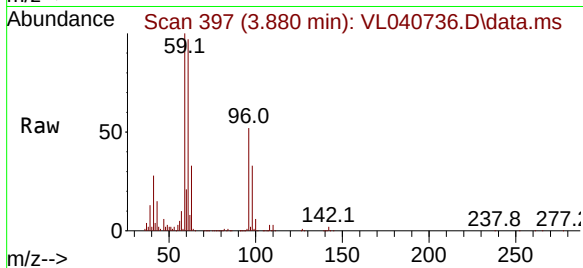
57 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#18

1,1-Dichloroethene

Concen: 9.760 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

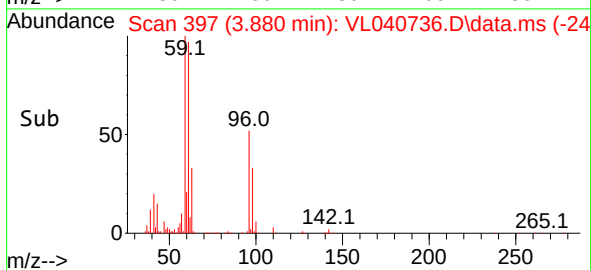
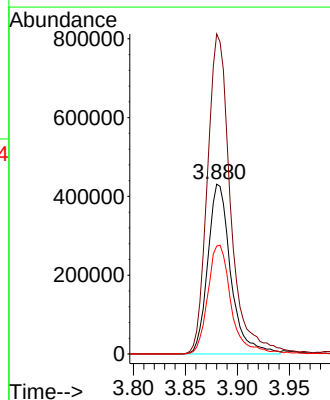
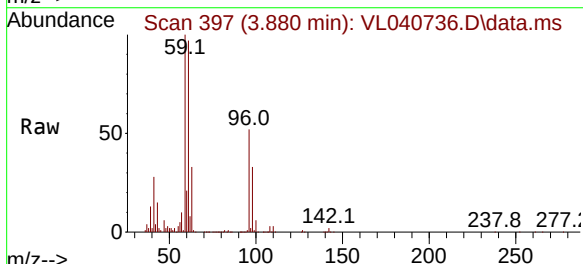
Tgt Ion: 96 Resp: 661519

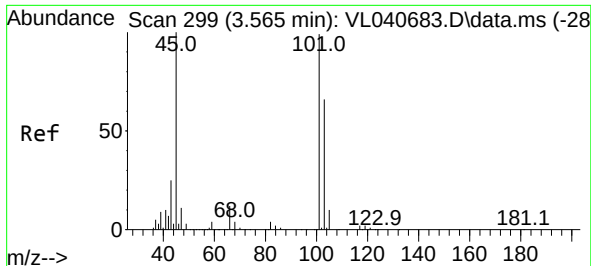
Ion Ratio Lower Upper

96 100

61 188.4 153.6 230.4

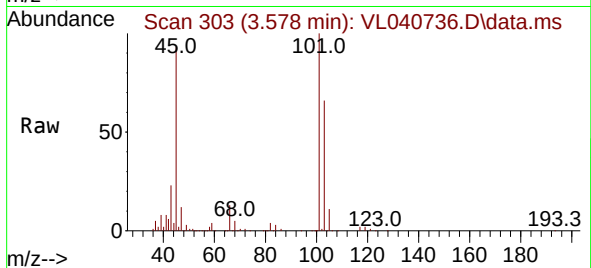
98 63.5 51.9 77.9





#19
Isopropyl Alcohol
Concen: 10.127 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

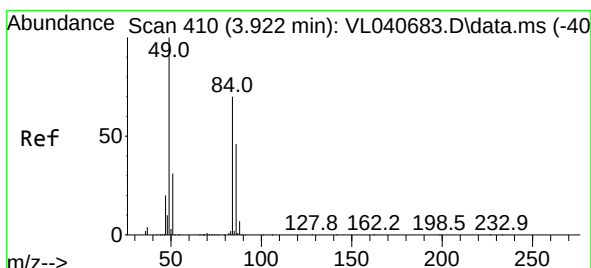
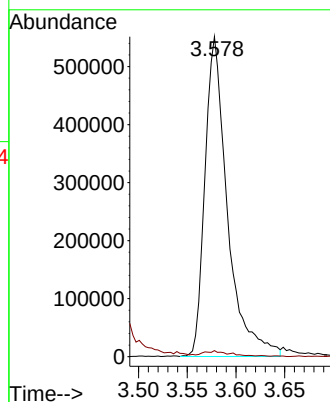
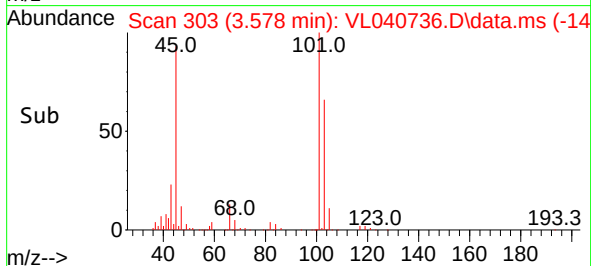
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



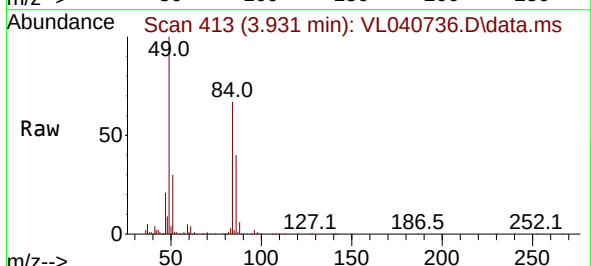
Tgt Ion: 45 Resp: 88578
Ion Ratio Lower Upper
45 100
58 2.4 1.9 2.9

Manual Integrations
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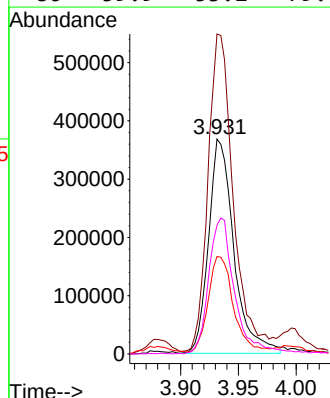
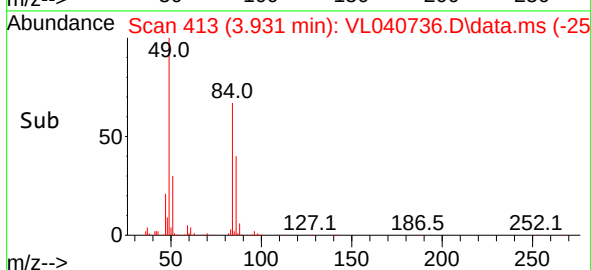
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

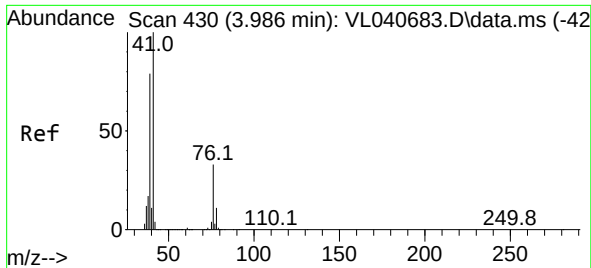


#20
Methylene Chloride
Concen: 7.189 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



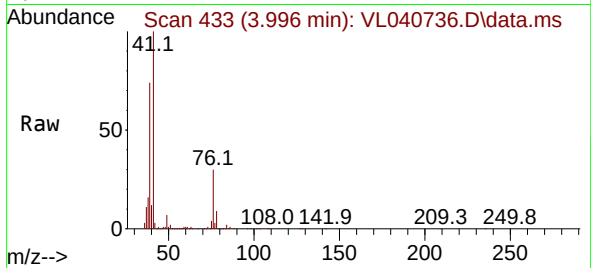
Tgt Ion: 84 Resp: 561676
Ion Ratio Lower Upper
84 100
49 148.3 114.4 171.6
51 44.2 35.5 53.3
86 59.9 53.2 79.8





#21
 Allyl Chloride
 Concen: 10.499 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

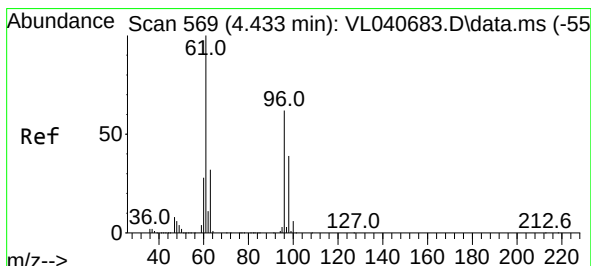
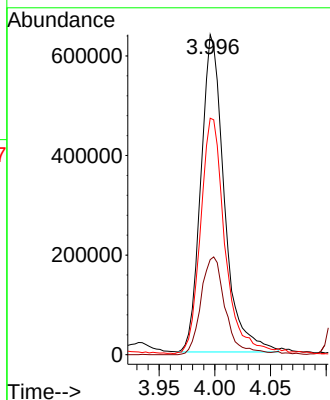
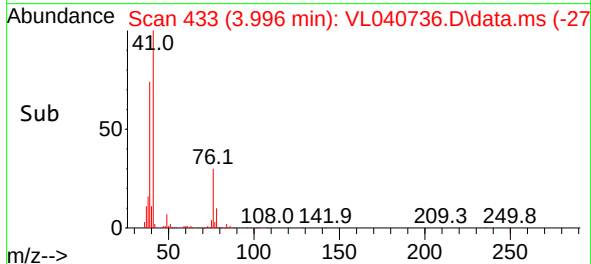
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



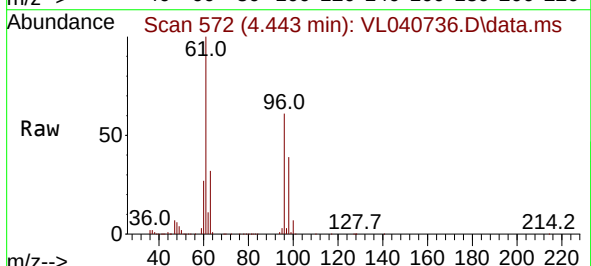
Tgt Ion: 41 Resp: 934068
 Ion Ratio Lower Upper
 41 100
 76 32.7 26.6 40.0
 39 78.6 65.0 97.4

Manual Integrations
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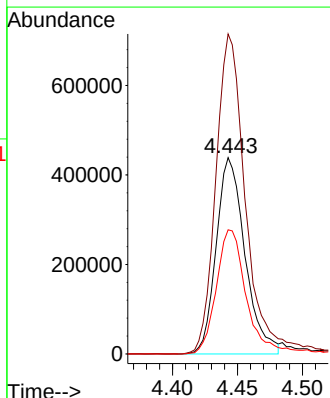
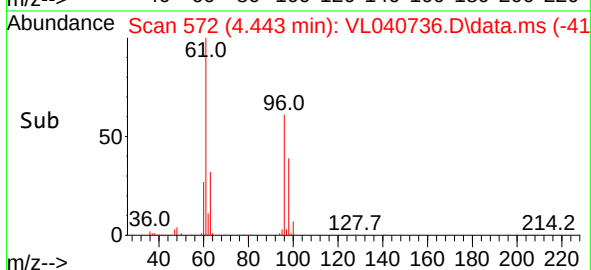
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

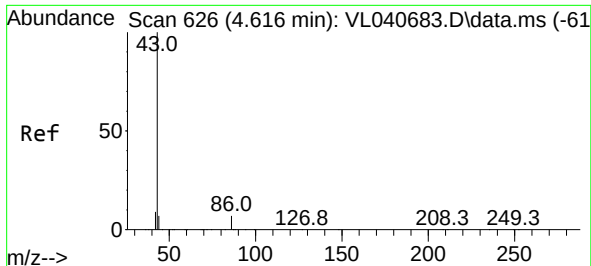


#22
 trans-1,2-Dichloroethene
 Concen: 10.080 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.009 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36



Tgt Ion: 96 Resp: 675531
 Ion Ratio Lower Upper
 96 100
 61 162.9 129.9 194.9
 98 63.2 50.2 75.4





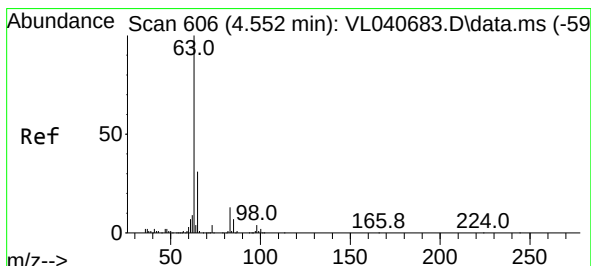
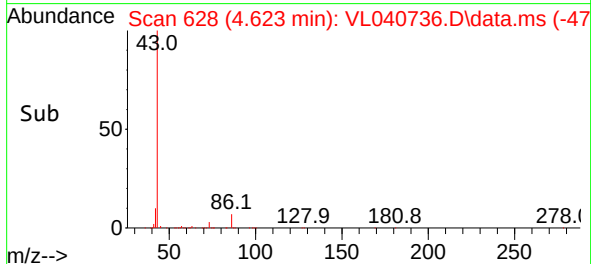
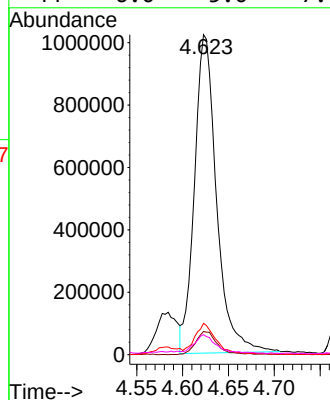
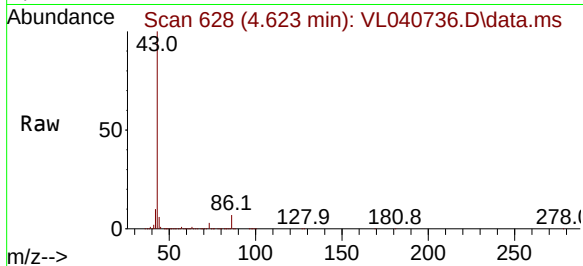
#23
 Vinyl Acetate
 Concen: 11.392 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01

Tgt Ion: 43 Resp: 1710200
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.6 8.4
 42 9.7 7.6 11.4
 44 6.0 5.0 7.4

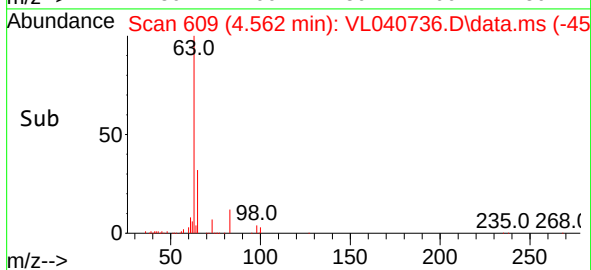
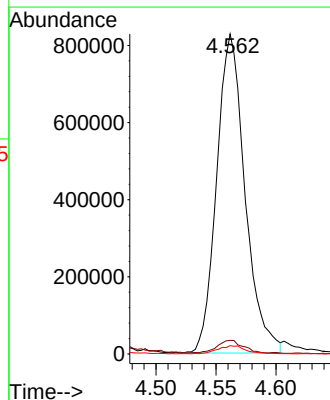
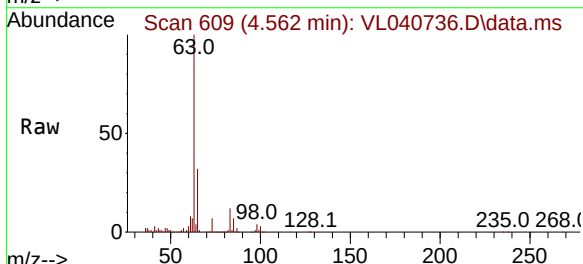
Manual Integrations
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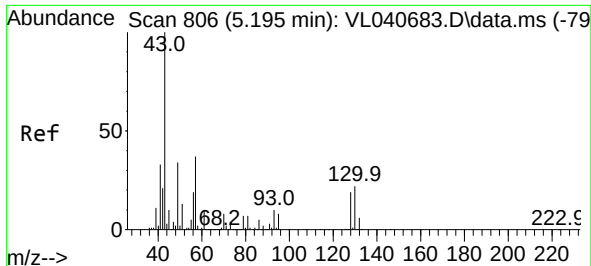
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#24
 1,1-Dichloroethane
 Concen: 9.663 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Tgt Ion: 63 Resp: 1357564
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.5
 100 2.5 1.2 3.6





#25

Ethyl Acetate

Concen: 10.678 ppbv

RT: 5.198 min Scan# 806

Delta R.T. -0.013 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 43 Resp: 250006

Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.4

61 10.7 8.2 12.4

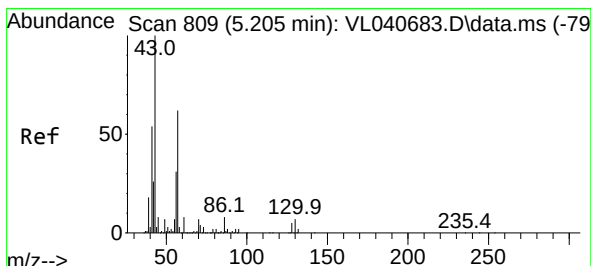
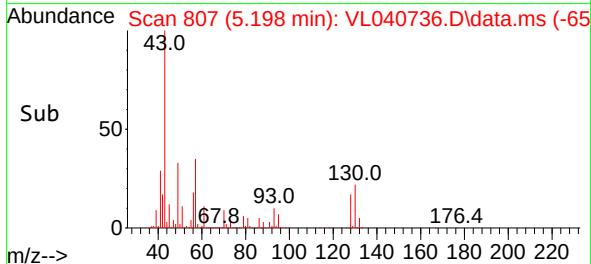
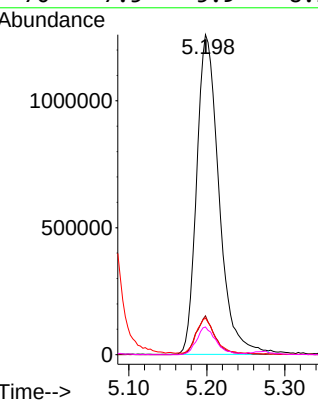
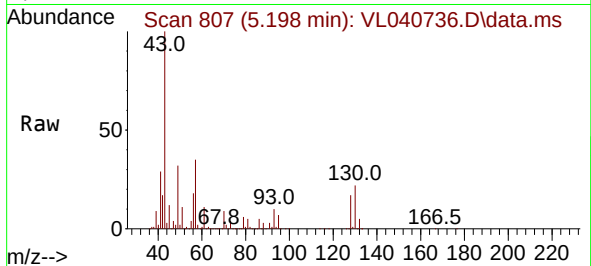
70 7.5 5.9 8.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#26

Hexane

Concen: 10.160 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.013 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Tgt Ion: 57 Resp: 1124799

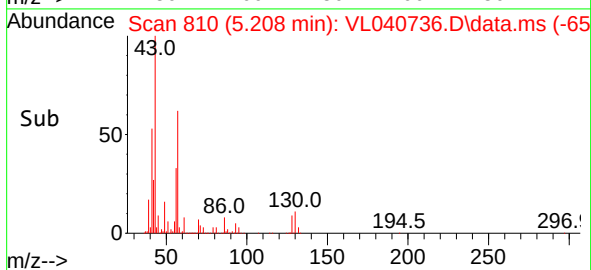
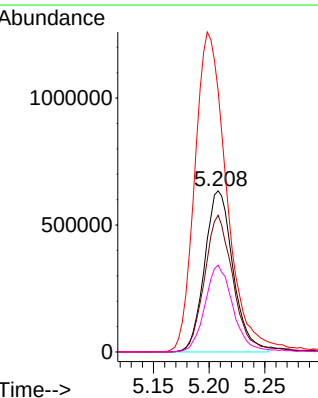
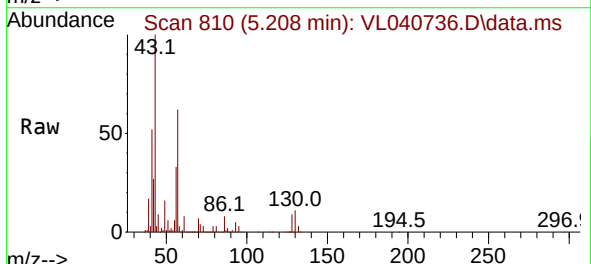
Ion Ratio Lower Upper

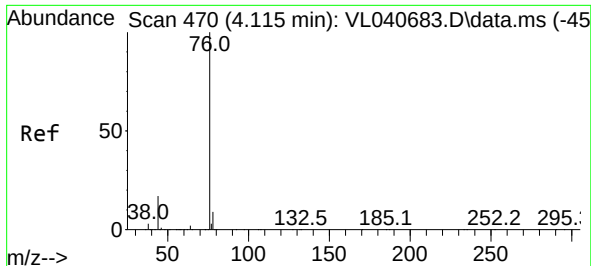
57 100

41 87.4 75.2 112.8

43 225.0 185.6 278.4

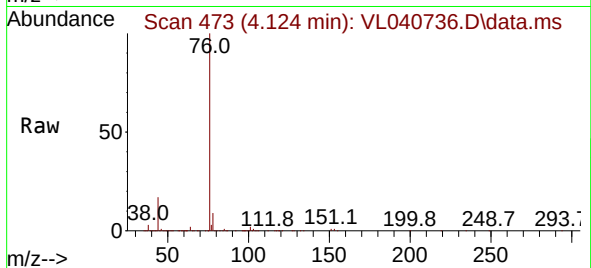
56 54.0 43.8 65.8





#27
Carbon Disulfide
Concen: 11.162 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

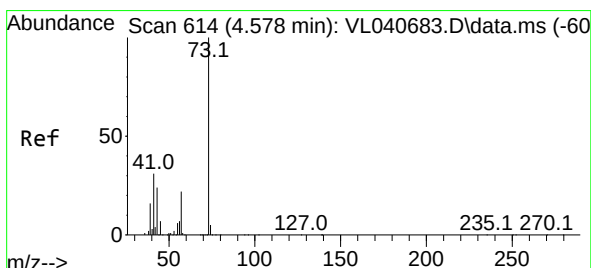
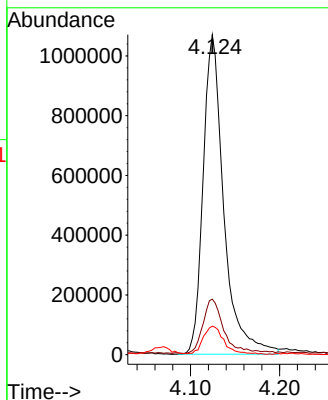
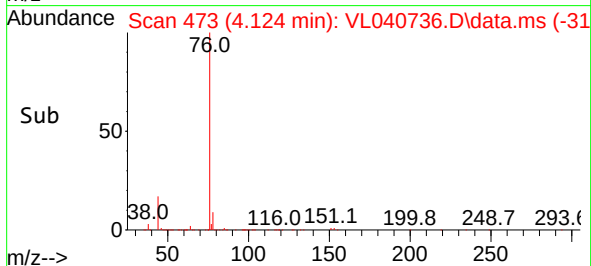
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



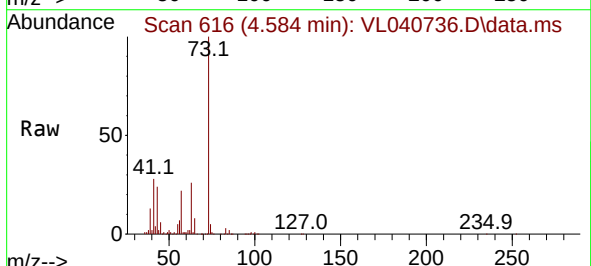
Tgt Ion: 76 Resp: 1723289
Ion Ratio Lower Upper
76 100
44 17.5 14.5 21.7
78 9.2 7.7 11.5

Manual Integrations
APPROVED

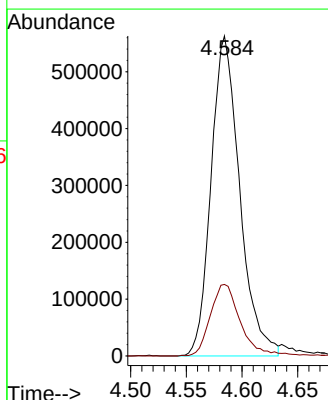
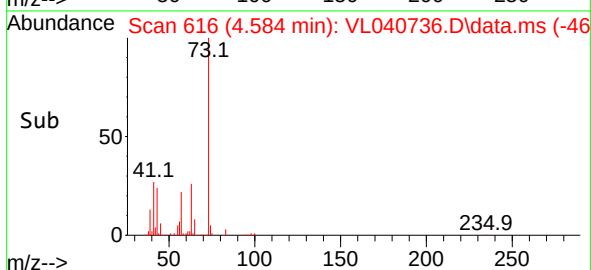
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

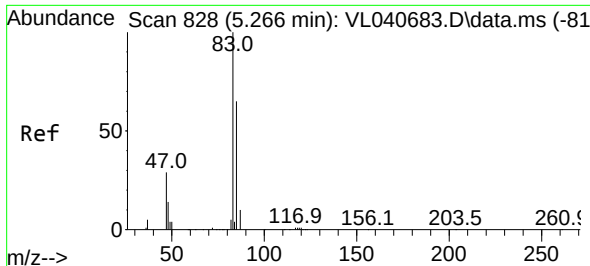


#28
Methyl tert-Butyl Ether
Concen: 10.572 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.006 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



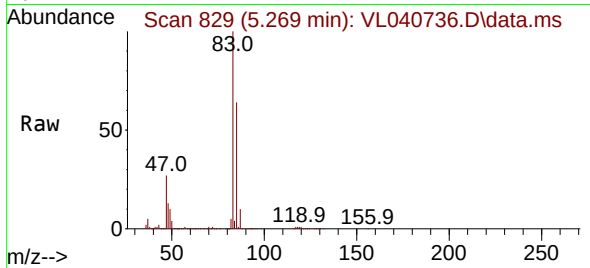
Tgt Ion: 73 Resp: 1006975
Ion Ratio Lower Upper
73 100
57 23.9 18.8 28.2





#29
Chloroform
Concen: 10.038 ppbv
RT: 5.269 min Scan# 828
Delta R.T. -0.013 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

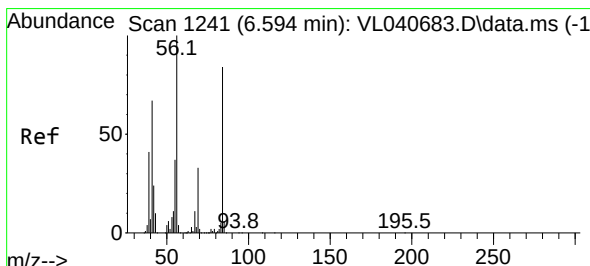
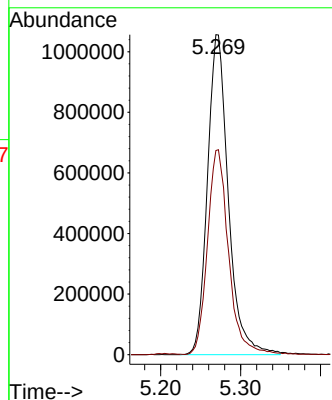
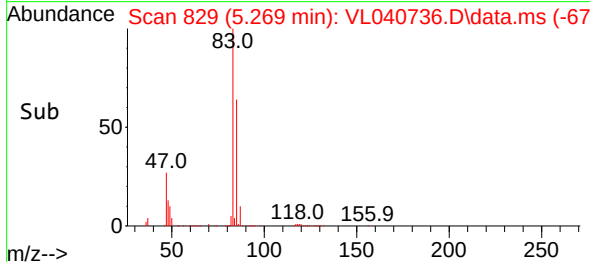
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



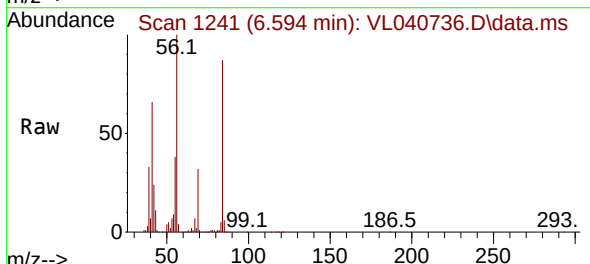
Tgt Ion: 83 Resp: 191873
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8

Manual Integrations
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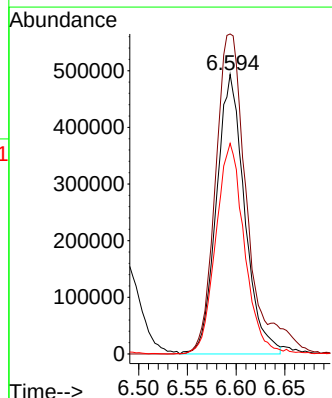
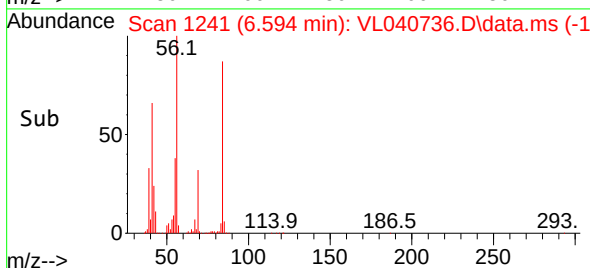
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

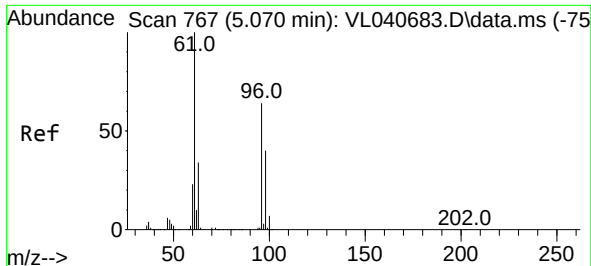


#30
Cyclohexane
Concen: 11.891 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



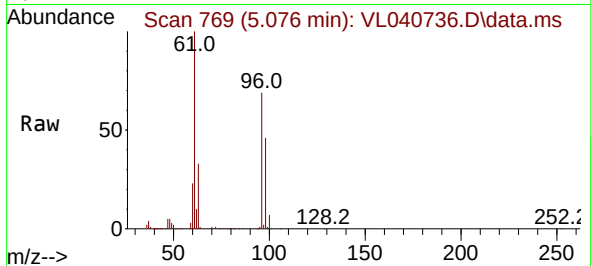
Tgt Ion: 84 Resp: 991371
Ion Ratio Lower Upper
84 100
56 129.1 103.2 154.8
41 77.1 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 11.283 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.009 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

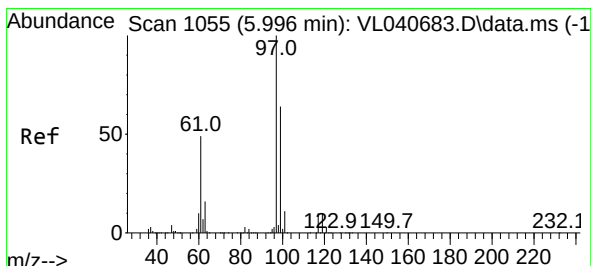
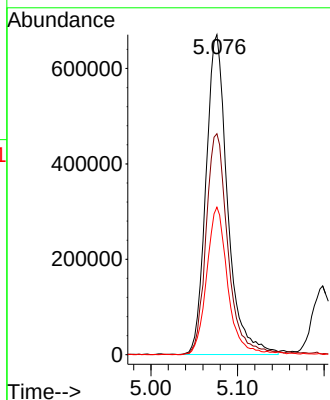
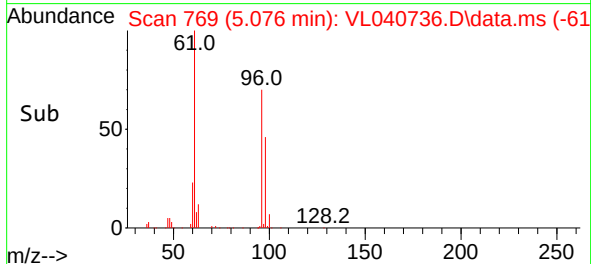
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



Tgt Ion: 61 Resp: 1158898
 Ion Ratio Lower Upper
 61 100
 96 69.1 51.2 76.8
 98 46.1 32.3 48.5

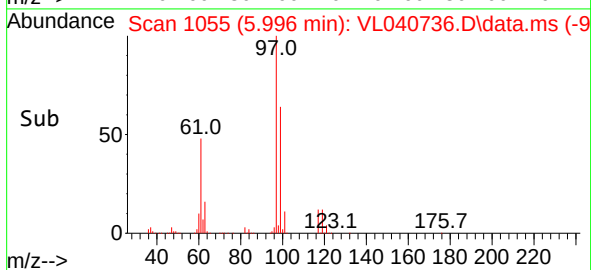
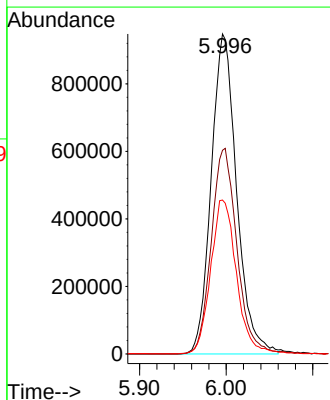
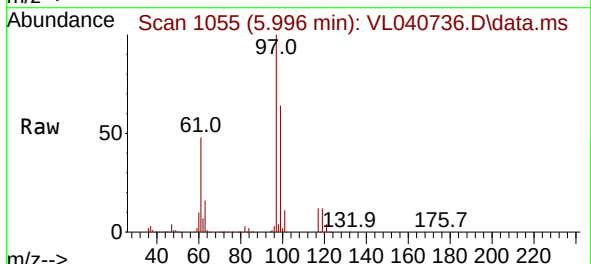
Manual Integrations
 APPROVED

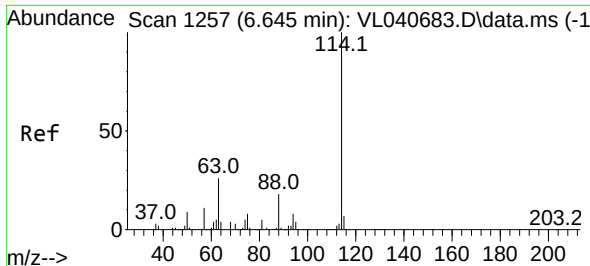
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.892 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

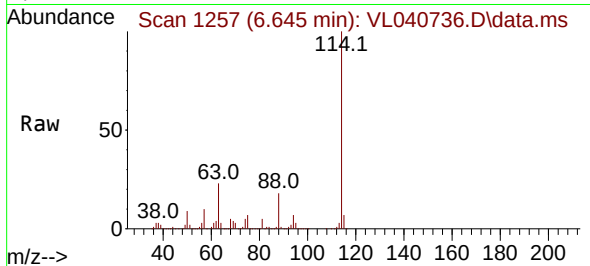
Tgt Ion: 97 Resp: 1933005
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.4 78.6
 61 48.8 40.2 60.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

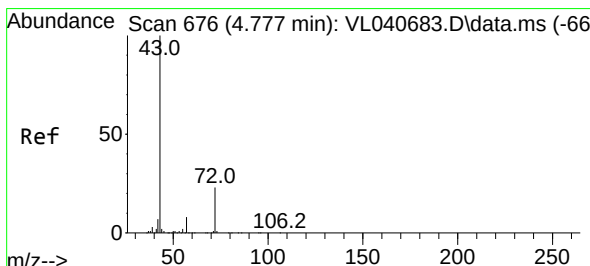
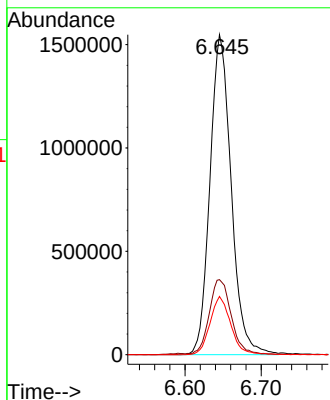
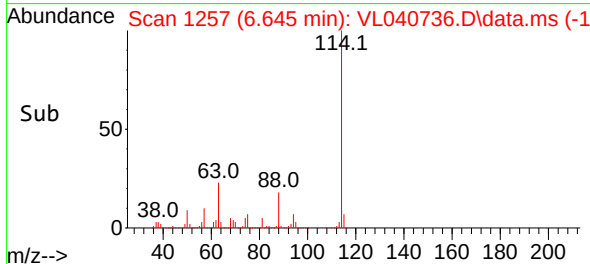
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion:114 Resp: 3004800
Ion Ratio Lower Upper
114 100
63 24.8 21.1 31.7
88 17.8 14.5 21.7

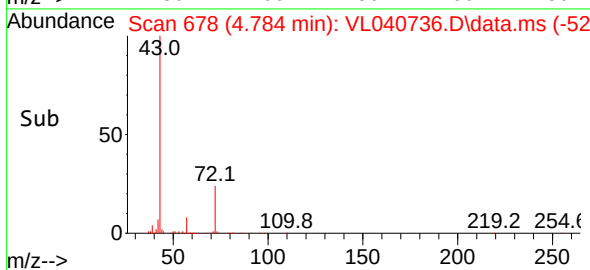
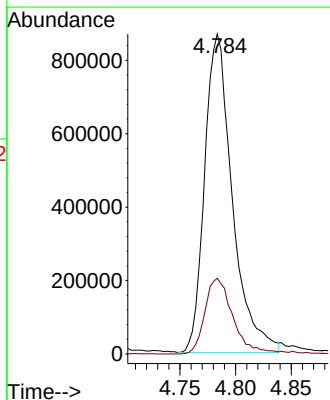
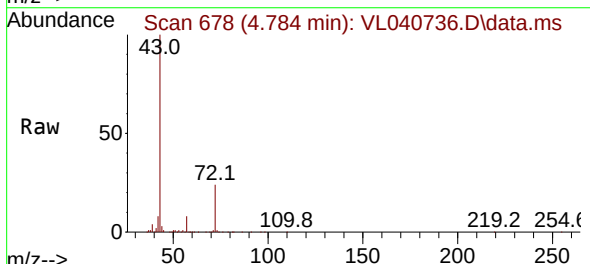
Manual Integrations
APPROVED

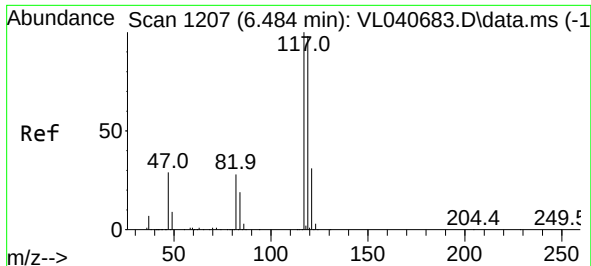
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#34
2-Butanone
Concen: 9.930 ppbv
RT: 4.784 min Scan# 678
Delta R.T. -0.006 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

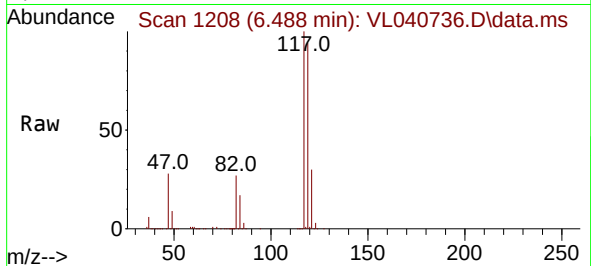
Tgt Ion: 43 Resp: 1500604
Ion Ratio Lower Upper
43 100
72 24.7 18.6 27.8





#35
Carbon Tetrachloride
Concen: 9.750 ppbv
RT: 6.488 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

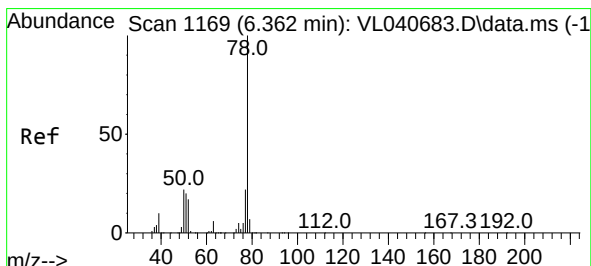
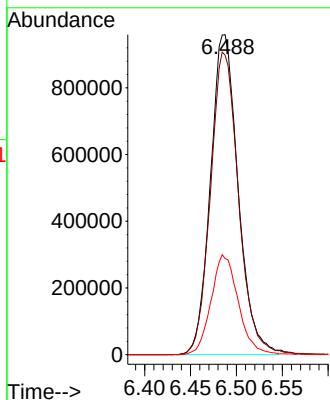
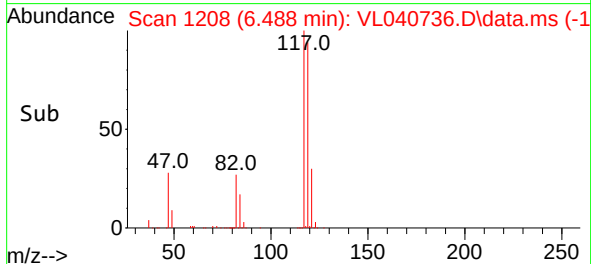
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion:117 Resp: 201157
Ion Ratio Lower Upper
117 100
119 93.6 78.6 117.8
121 30.1 24.7 37.1

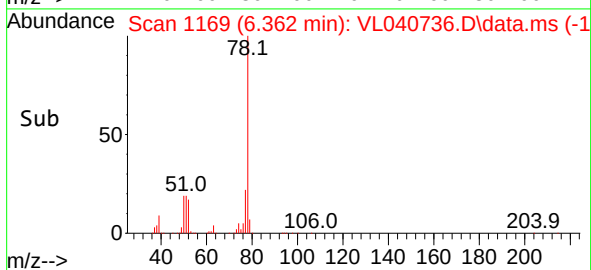
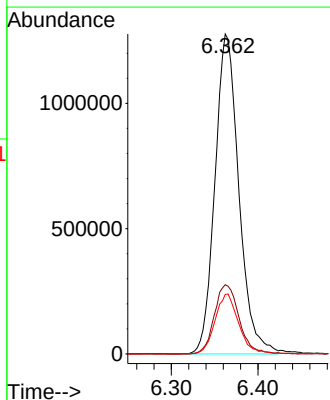
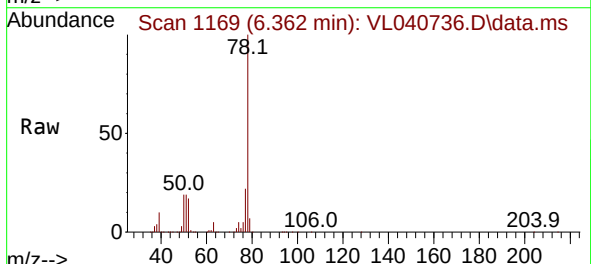
Manual Integrations
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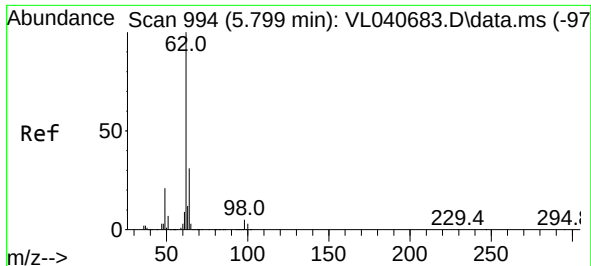
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#36
Benzene
Concen: 10.996 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 78 Resp: 2446721
Ion Ratio Lower Upper
78 100
77 21.6 17.9 26.9
50 18.6 17.3 25.9





#37

1,2-Dichloroethane

Concen: 9.350 ppbv

RT: 5.800 min Scan# 994

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 62 Resp: 142379

Ion Ratio Lower Upper

62 100

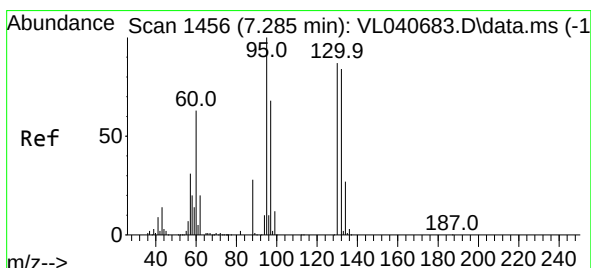
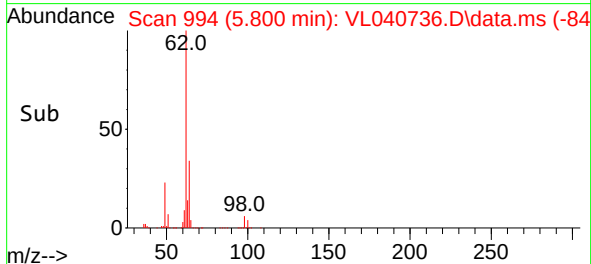
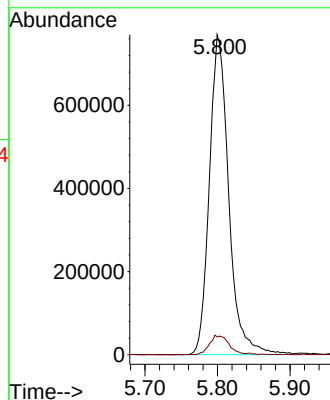
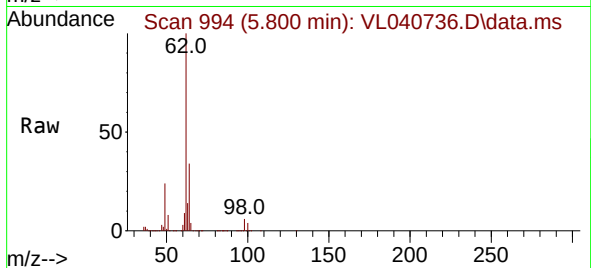
98 6.3 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Trichloroethene

Concen: 11.521 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Tgt Ion:130 Resp: 977590

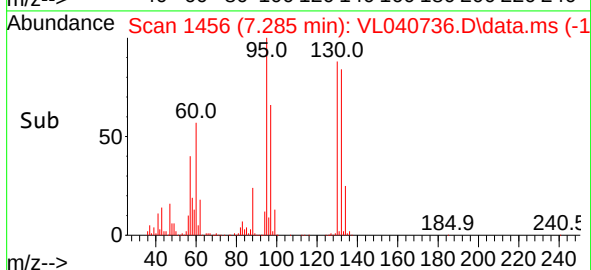
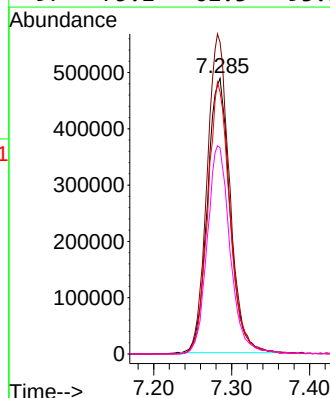
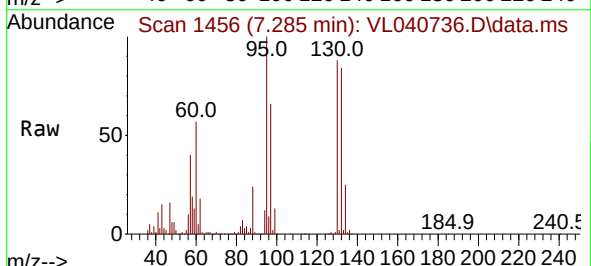
Ion Ratio Lower Upper

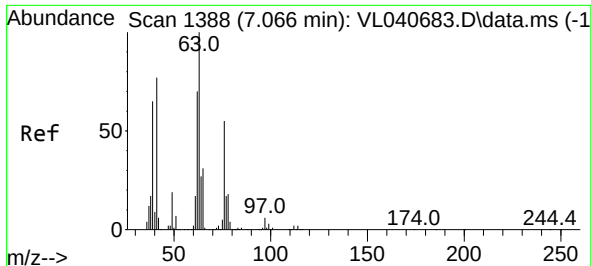
130 100

95 113.6 91.9 137.9

132 95.5 77.3 115.9

97 75.2 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.564 ppbv

RT: 7.063 min Scan# 1388

Delta R.T. -0.019 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 63 Resp: 904788

Ion Ratio Lower Upper

63 100

41 71.2 61.6 92.4

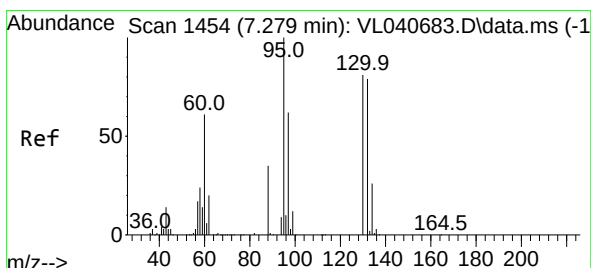
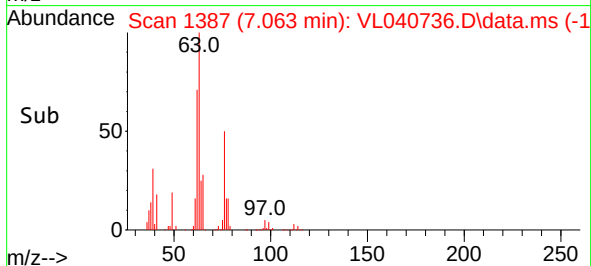
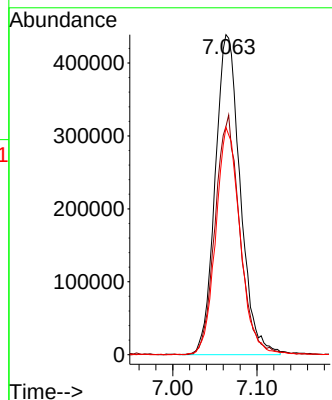
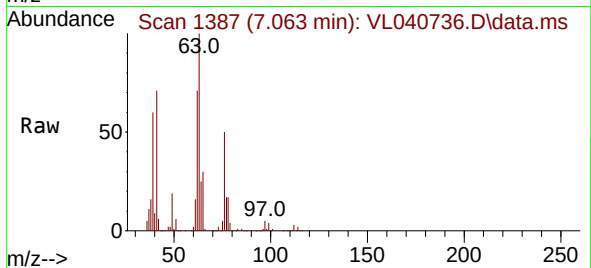
62 70.9 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#40

1,4-Dioxane

Concen: 12.140 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.019 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Tgt Ion: 88 Resp: 393090

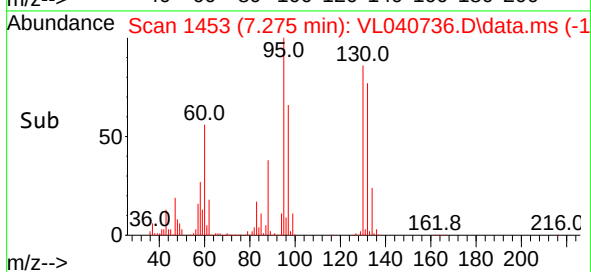
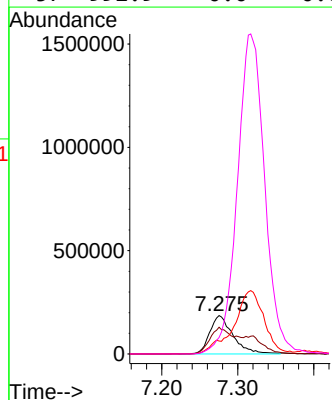
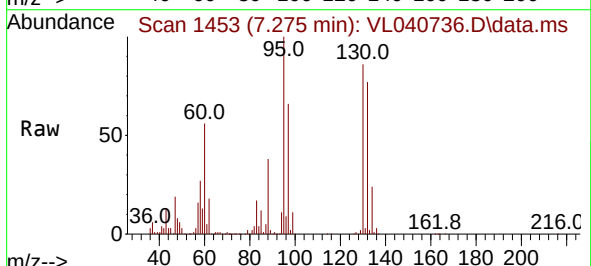
Ion Ratio Lower Upper

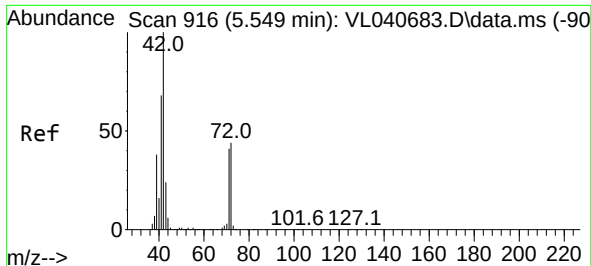
88 100

58 113.5 92.7 139.1

43 215.3 0.0 0.0#

57 992.9 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.510 ppbv

RT: 5.549 min Scan# 916

Delta R.T. -0.013 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 42 Resp: 891878

Ion Ratio Lower Upper

42 100

72 43.6 34.9 52.3

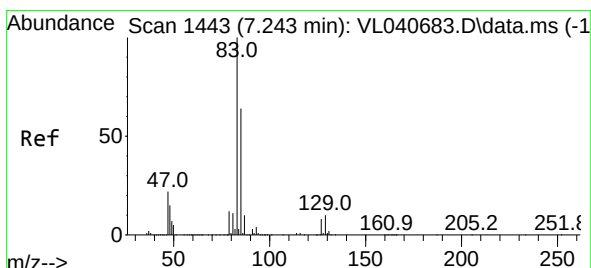
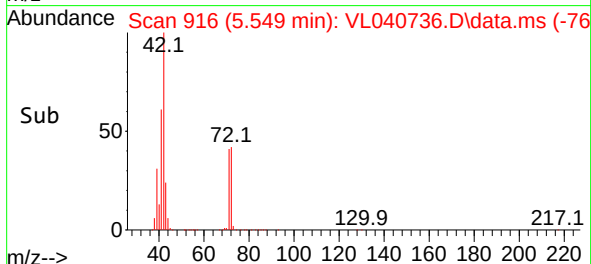
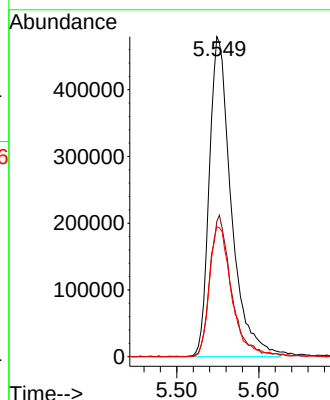
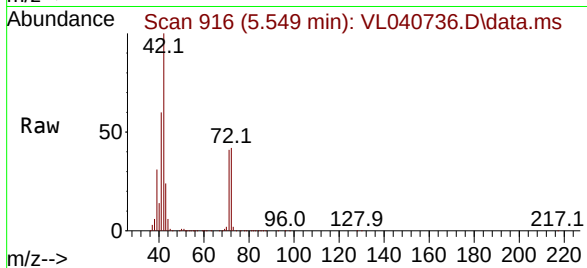
71 42.1 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#42

Bromodichloromethane

Concen: 10.112 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

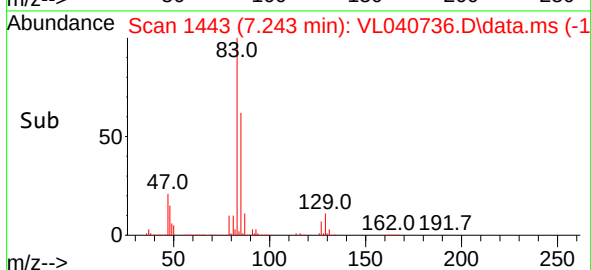
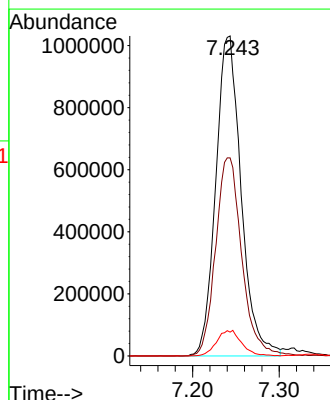
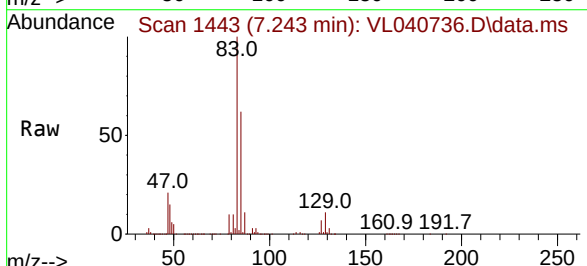
Tgt Ion: 83 Resp: 2101159

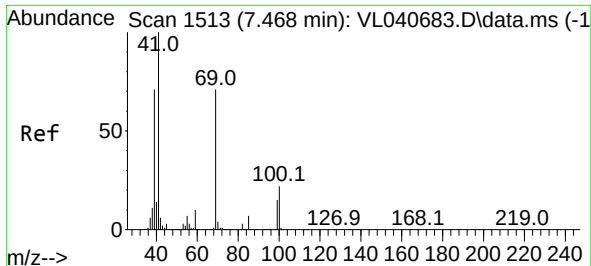
Ion Ratio Lower Upper

83 100

85 61.9 51.2 76.8

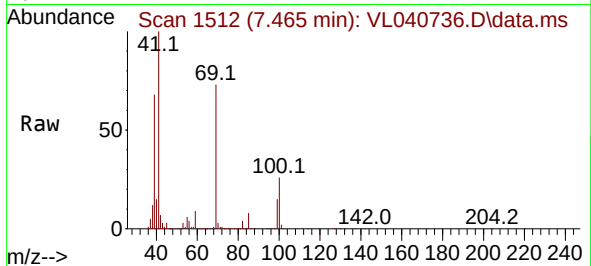
127 7.5 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.711 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

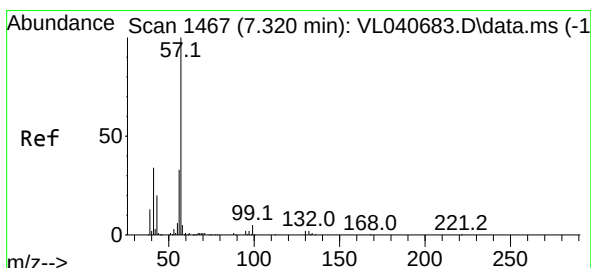
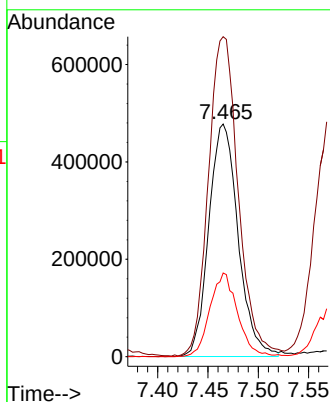
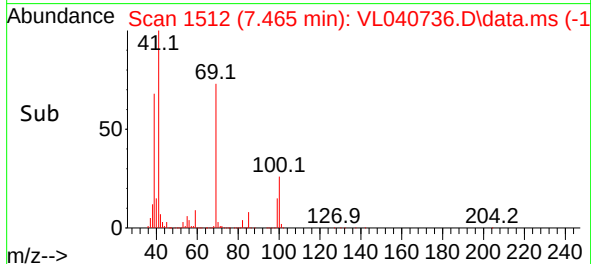
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 69 Resp: 968598
Ion Ratio Lower Upper
69 100
41 140.3 113.8 170.8
100 34.0 25.4 38.0

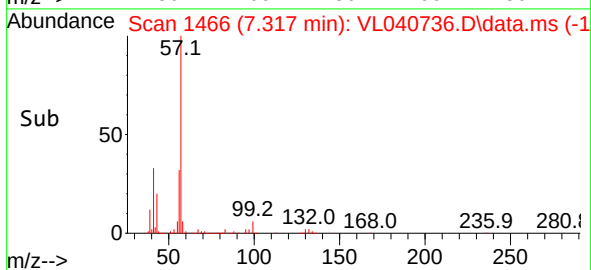
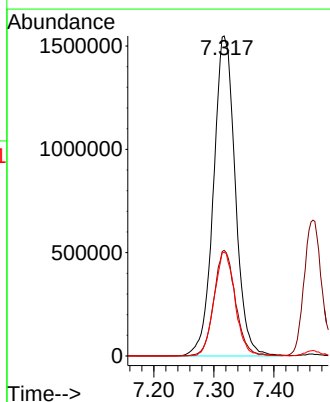
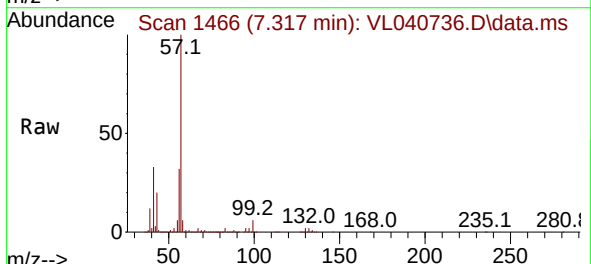
Manual Integrations
APPROVED

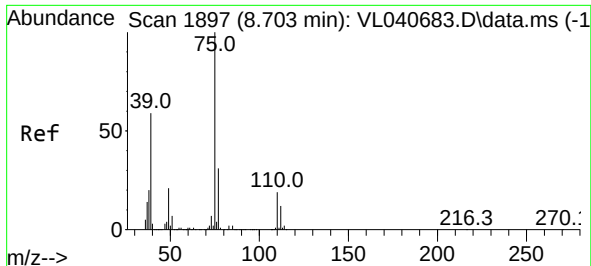
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#44
2,2,4-Trimethylpentane
Concen: 11.003 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 57 Resp: 3898021
Ion Ratio Lower Upper
57 100
41 32.7 28.5 42.7
56 31.3 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 12.924 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 75 Resp: 82888

Ion Ratio Lower Upper

75 100

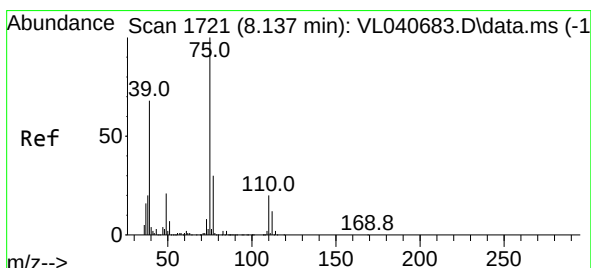
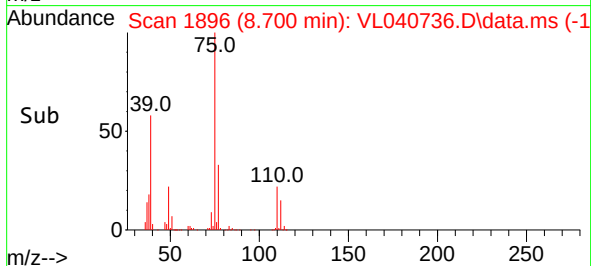
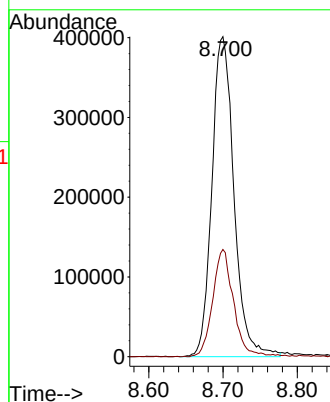
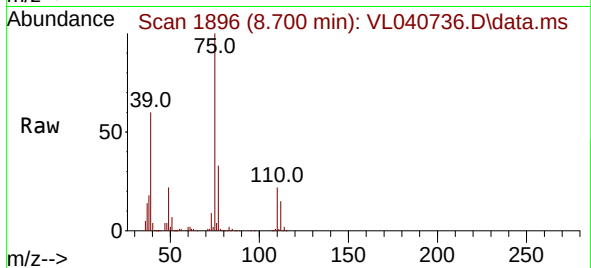
77 33.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#46

cis-1,3-Dichloropropene

Concen: 11.969 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

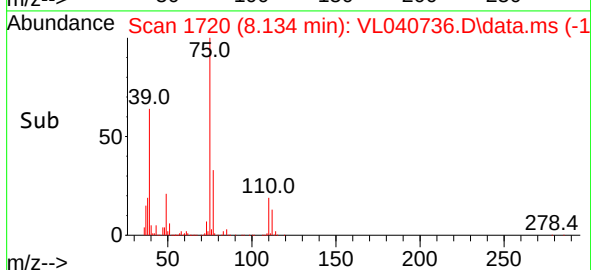
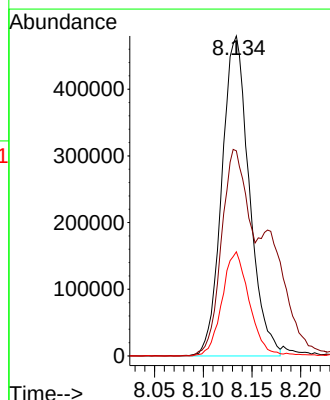
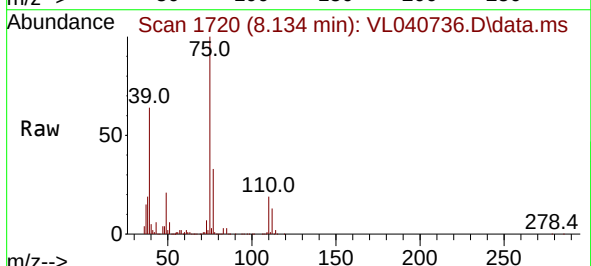
Tgt Ion: 75 Resp: 939180

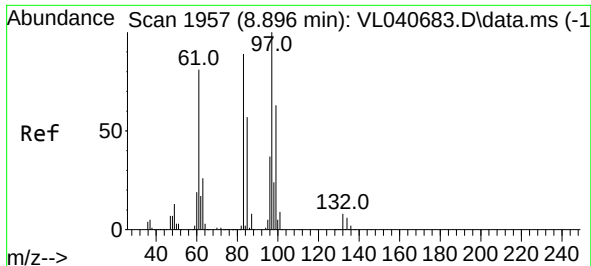
Ion Ratio Lower Upper

75 100

39 64.0 54.0 81.0

77 32.5 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 10.510 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.022 min

Lab File: VL040736.D

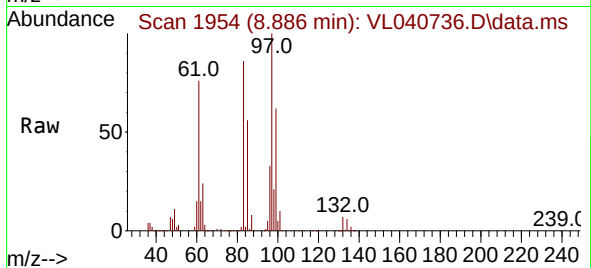
Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01



Tgt Ion: 97 Resp: 1033092

Ion Ratio Lower Upper

97 100

83 86.4 70.8 106.2

85 55.6 45.7 68.5

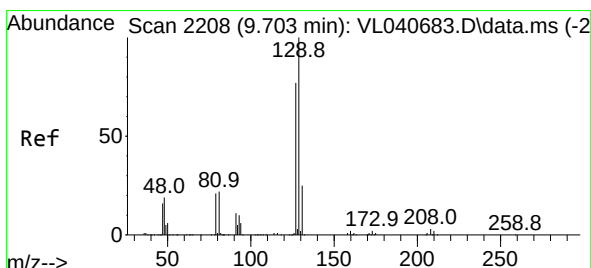
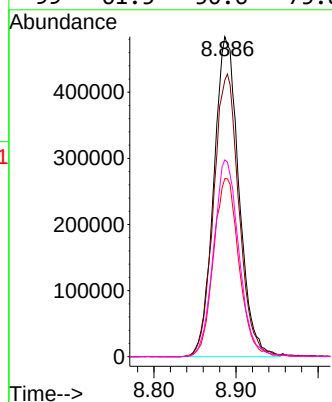
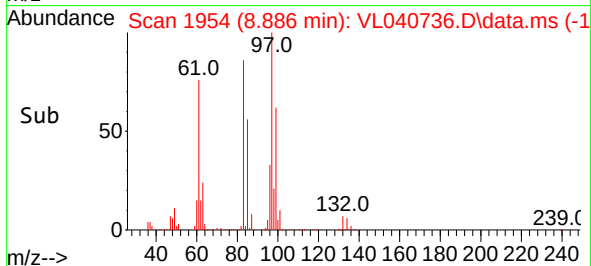
99 61.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#48

Dibromochloromethane

Concen: 11.010 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.022 min

Lab File: VL040736.D

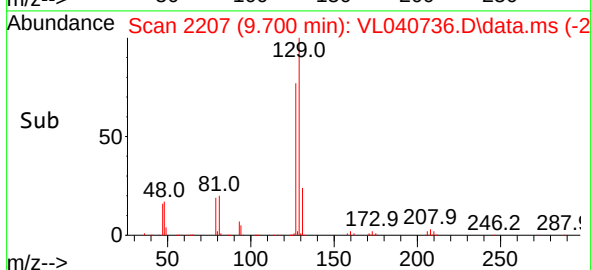
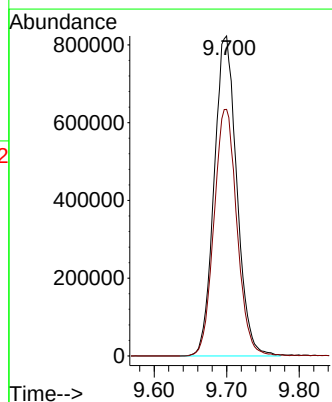
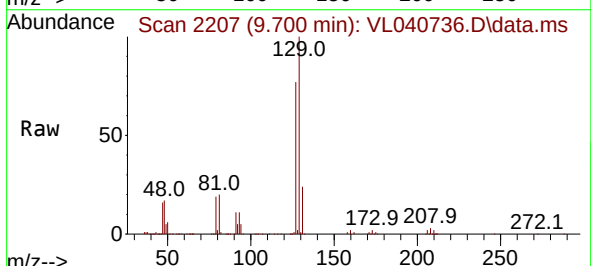
Acq: 4 Oct 2023 11:36

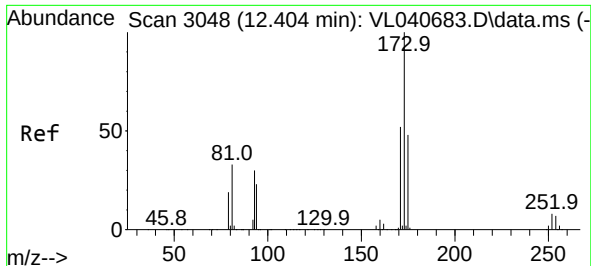
Tgt Ion:129 Resp: 1785170

Ion Ratio Lower Upper

129 100

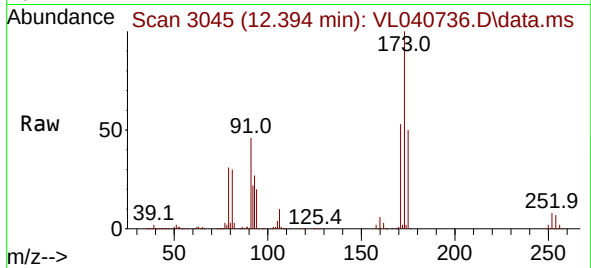
127 78.2 39.4 118.2





#49
Bromoform
Concen: 11.186 ppbv
RT: 12.394 min Scan# 3048
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

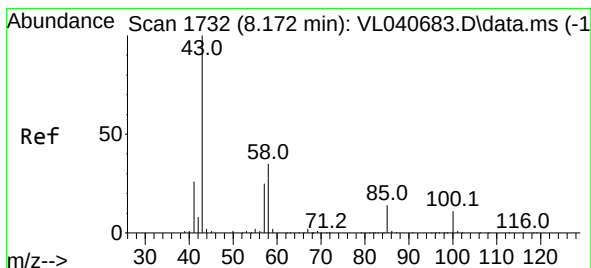
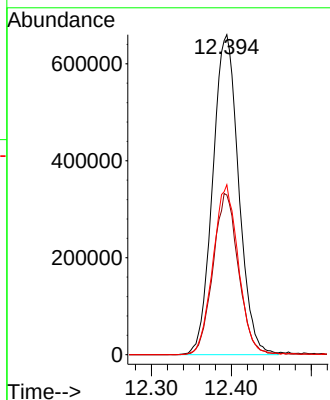
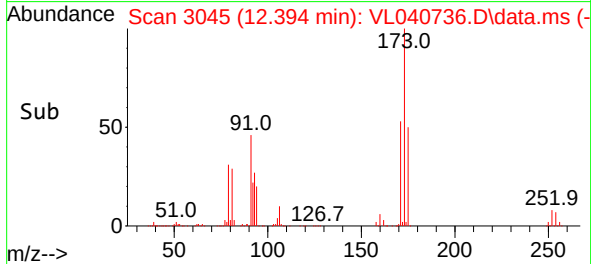
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion:173 Resp: 1489540
Ion Ratio Lower Upper
173 100
175 49.7 38.8 58.2
171 51.9 42.2 63.2

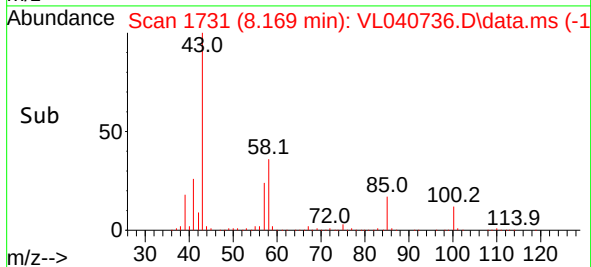
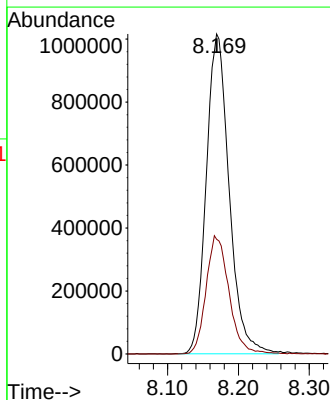
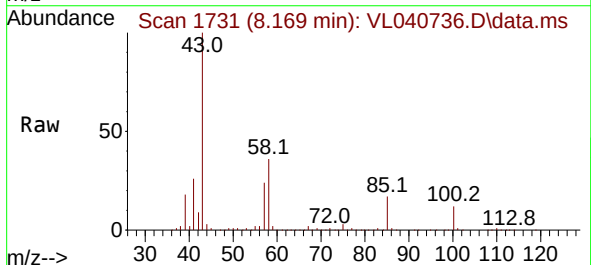
Manual Integrations
APPROVED

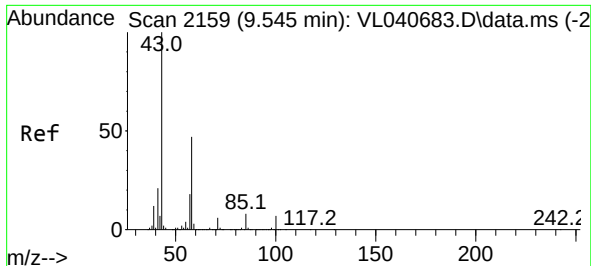
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#50
4-Methyl-2-Pentanone
Concen: 11.152 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

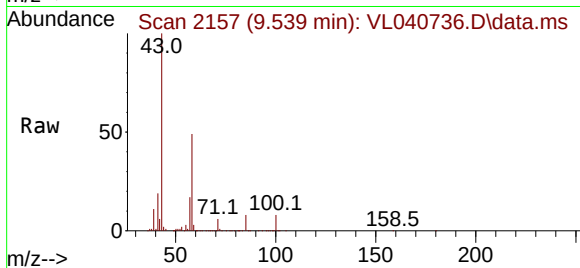
Tgt Ion: 43 Resp: 2277222
Ion Ratio Lower Upper
43 100
58 37.1 28.2 42.4





#51
2-Hexanone
Concen: 12.014 ppbv
RT: 9.539 min Scan# 2159
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

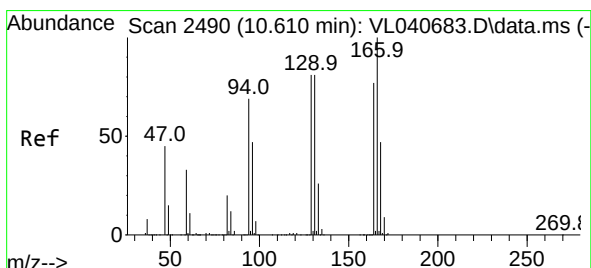
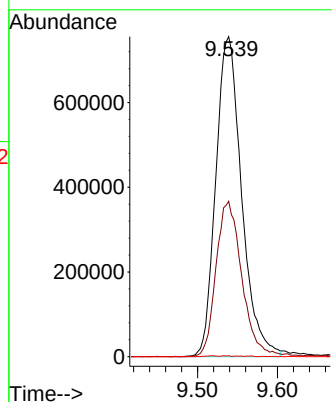
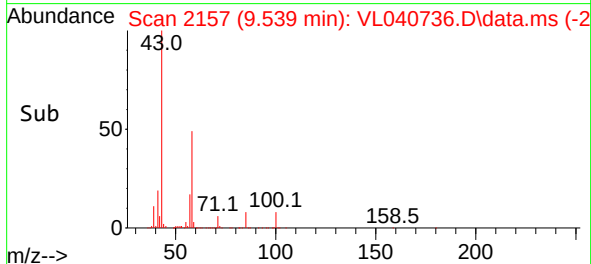
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 43 Resp: 169331
Ion Ratio Lower Upper
43 100
58 49.1 37.6 56.4
98 0.4 0.6 1.0

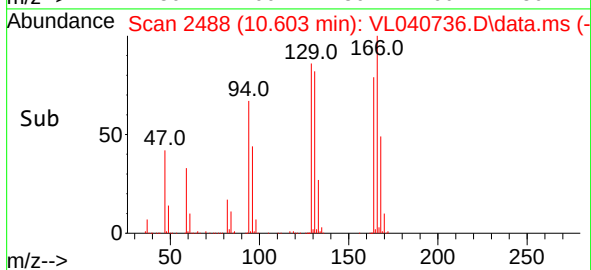
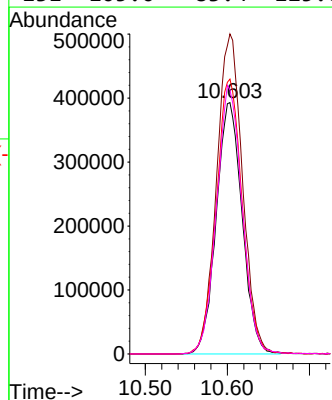
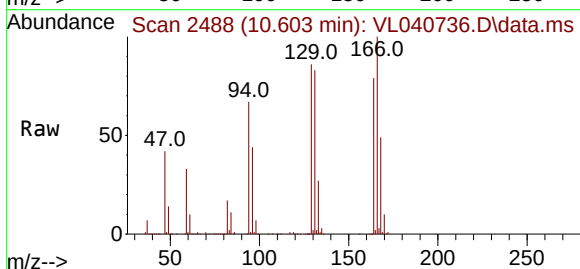
Manual Integrations
APPROVED

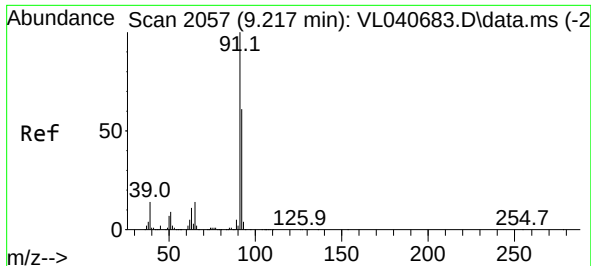
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#52
Tetrachloroethene
Concen: 11.835 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:164 Resp: 859028
Ion Ratio Lower Upper
164 100
166 127.3 103.4 155.2
129 109.3 83.5 125.3
131 105.0 83.4 125.0





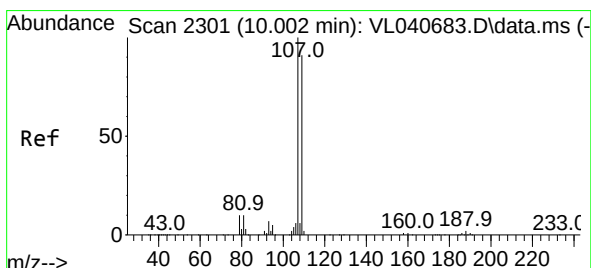
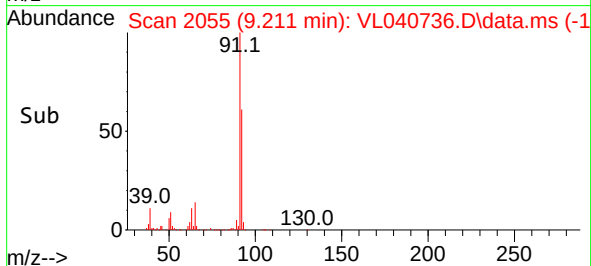
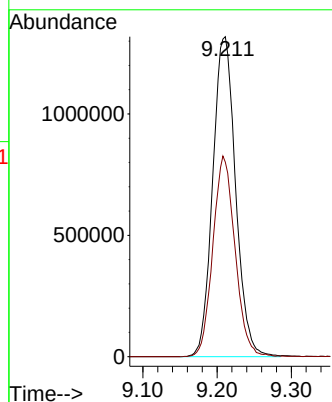
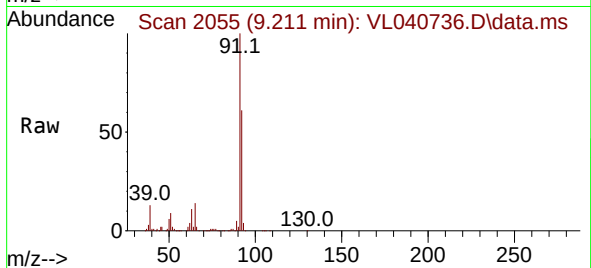
#53
Toluene
Concen: 12.017 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 91 Resp: 282295
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7

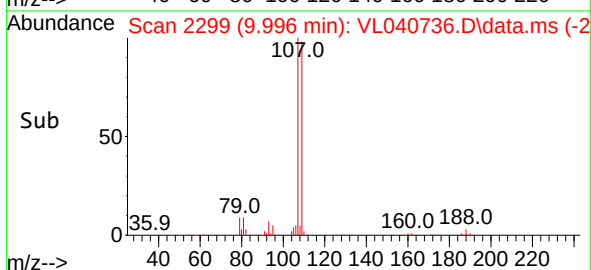
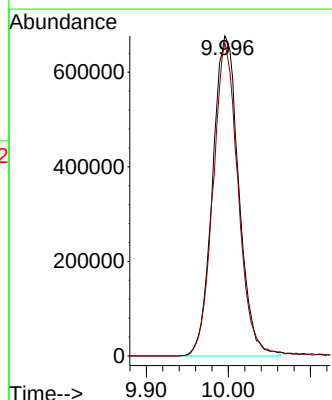
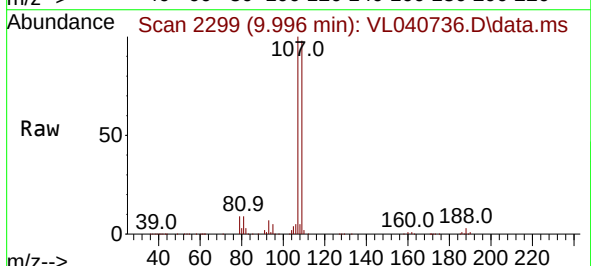
Manual Integrations
APPROVED

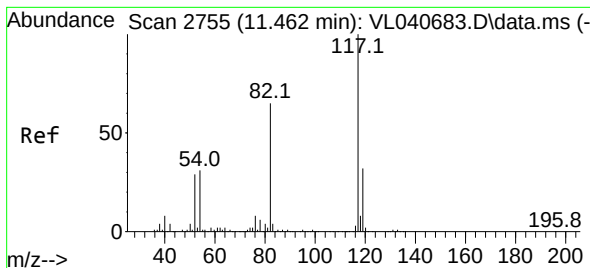
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#54
1,2-Dibromoethane
Concen: 11.967 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

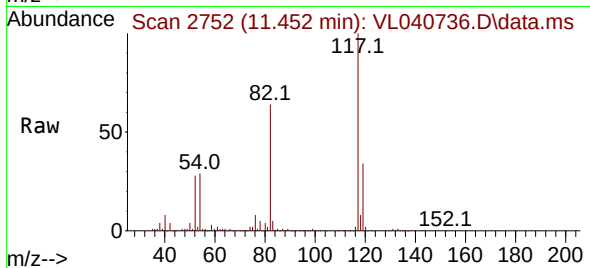
Tgt Ion:107 Resp: 1501367
Ion Ratio Lower Upper
107 100
109 97.7 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 2755
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

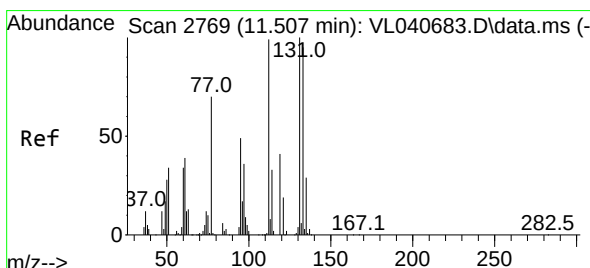
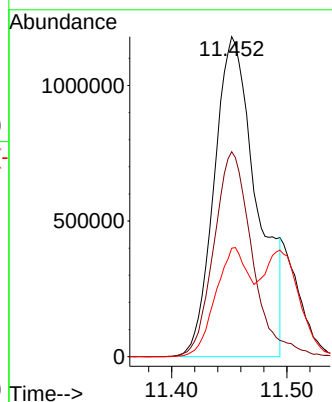
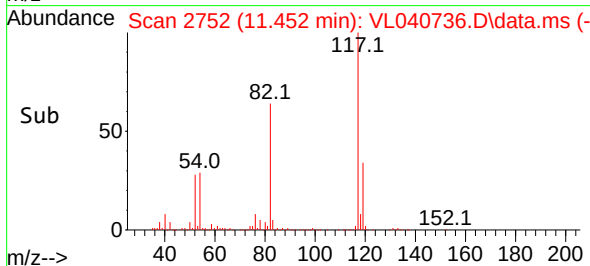
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion:117 Resp: 302592
Ion Ratio Lower Upper
117 100
82 58.2 51.4 77.0
119 27.0 24.7 37.1

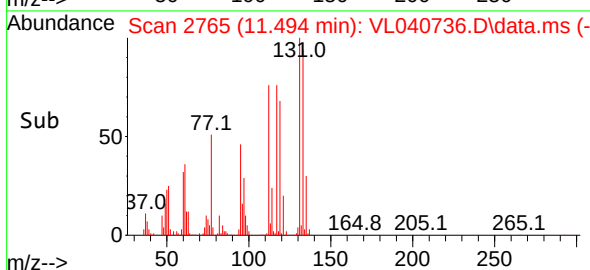
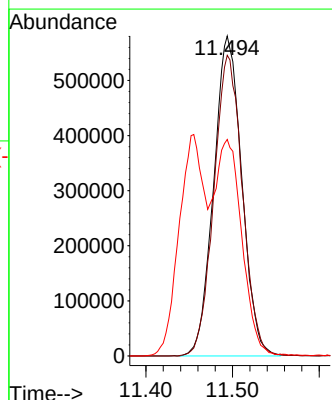
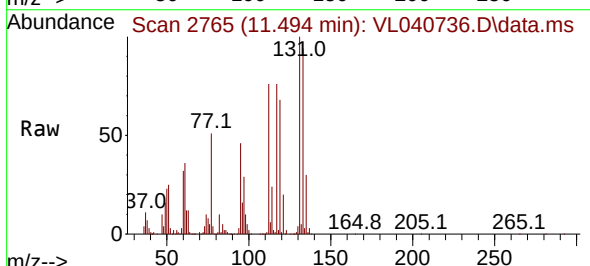
Manual Integrations
APPROVED

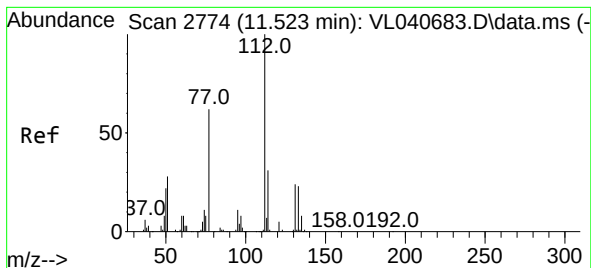
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.070 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

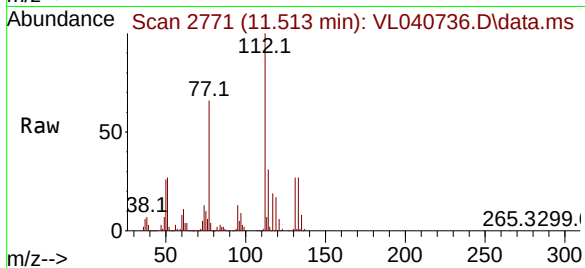
Tgt Ion:131 Resp: 1308292
Ion Ratio Lower Upper
131 100
133 95.5 76.2 114.2
119 59.7 45.5 68.3





#57
Chlorobenzene
Concen: 9.620 ppbv
RT: 11.513 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

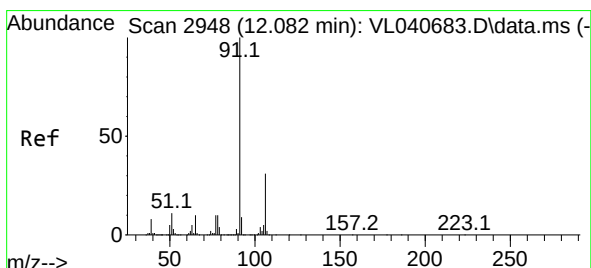
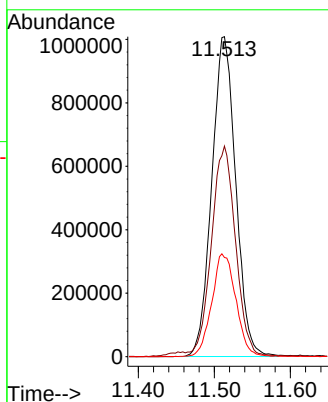
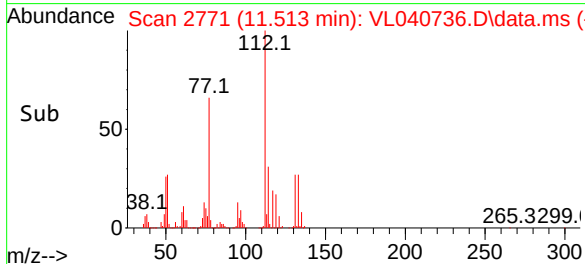
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



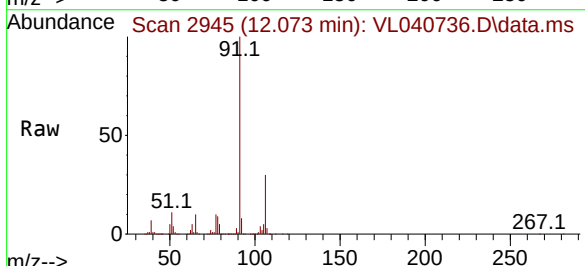
Tgt Ion:112 Resp: 220446
Ion Ratio Lower Upper
112 100
77 65.6 50.8 76.2
114 31.0 28.2 34.4

Manual Integrations
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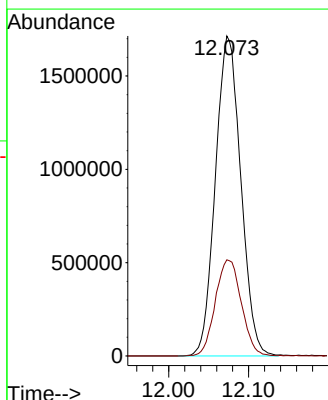
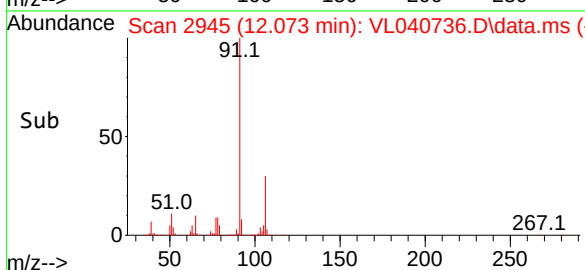
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

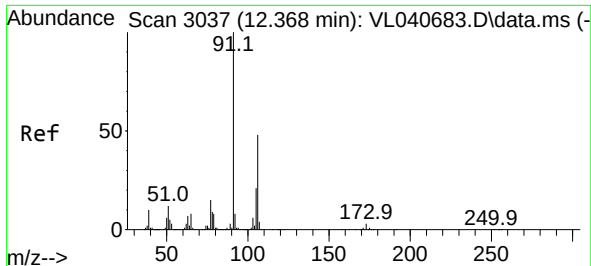


#58
Ethyl Benzene
Concen: 10.946 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



Tgt Ion: 91 Resp: 3776296
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1





#59

m/p-Xylene

Concen: 20.011 ppbv m

RT: 12.359 min Scan# 3037

Delta R.T. -0.022 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion: 91 Resp: 648258

Ion Ratio Lower Upper

91 100

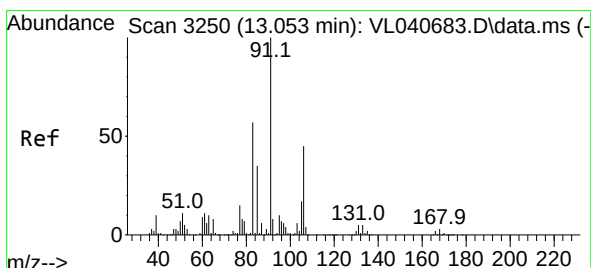
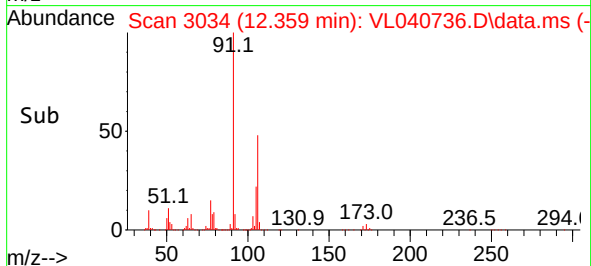
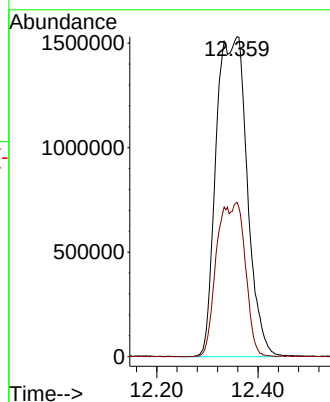
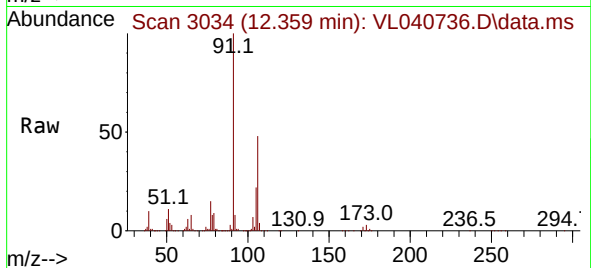
106 44.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#60

o-Xylene

Concen: 10.079 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.022 min

Lab File: VL040736.D

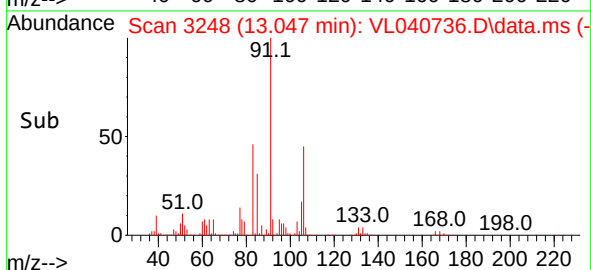
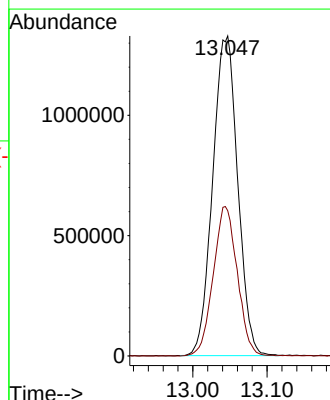
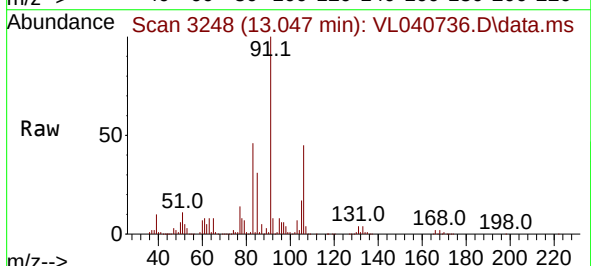
Acq: 4 Oct 2023 11:36

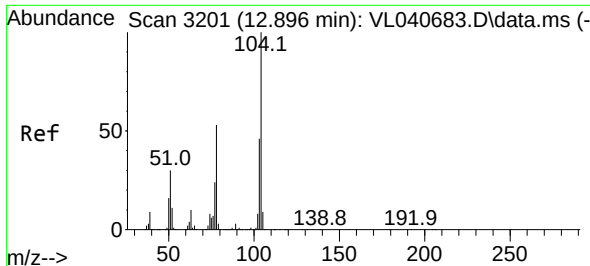
Tgt Ion: 91 Resp: 3113834

Ion Ratio Lower Upper

91 100

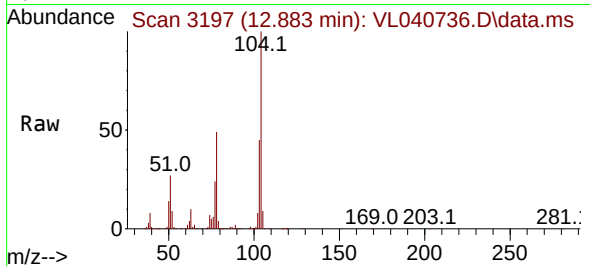
106 45.0 22.3 66.9





#61
Styrene
Concen: 12.389 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

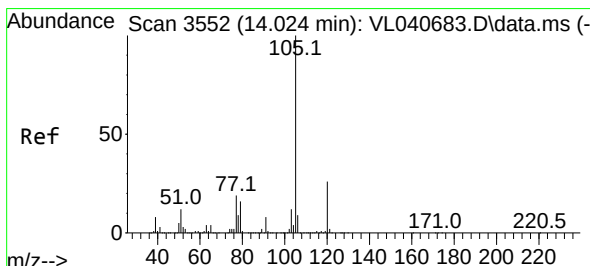
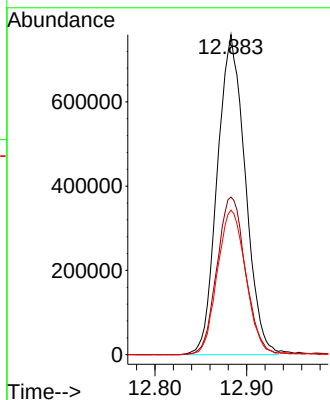
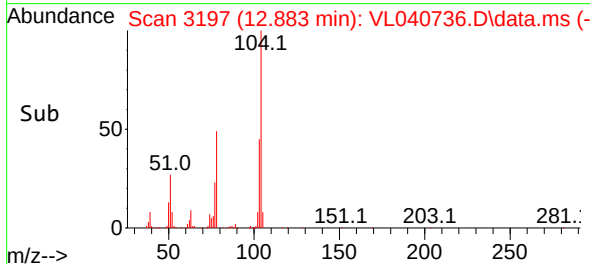
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



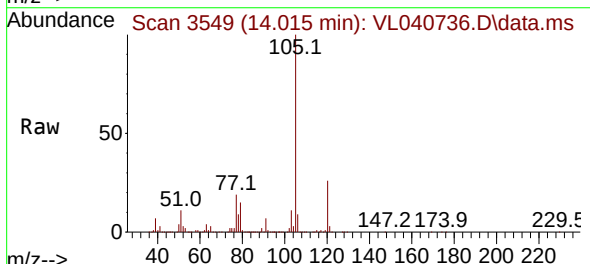
Tgt Ion:104 Resp: 160402
Ion Ratio Lower Upper
104 100
78 50.8 43.4 65.0
103 46.5 37.2 55.8

Manual Integrations
APPROVED

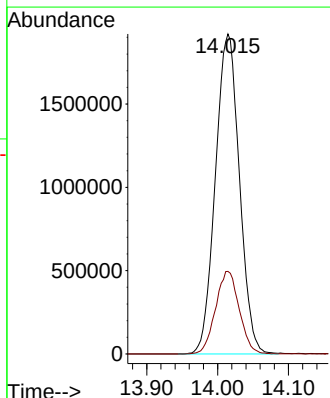
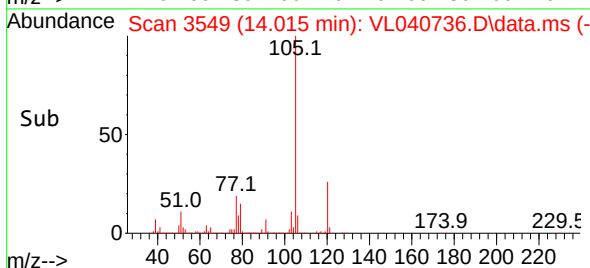
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

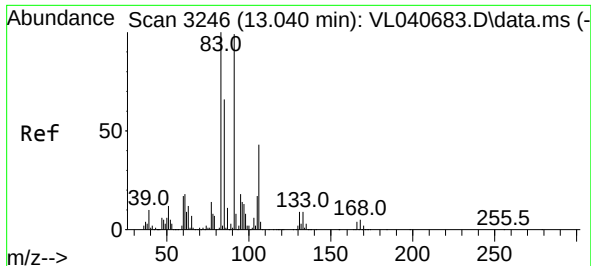


#62
Isopropylbenzene
Concen: 9.703 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



Tgt Ion:105 Resp: 4525795
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4





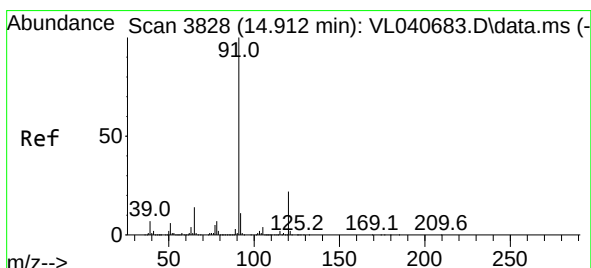
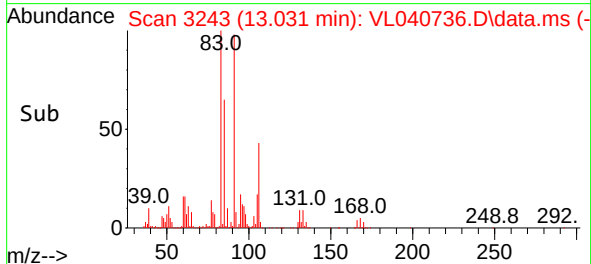
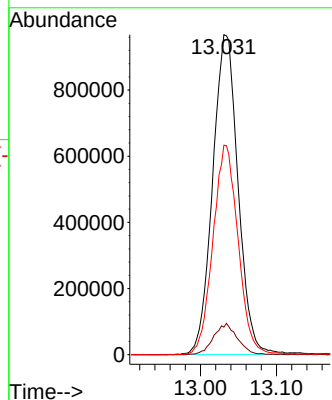
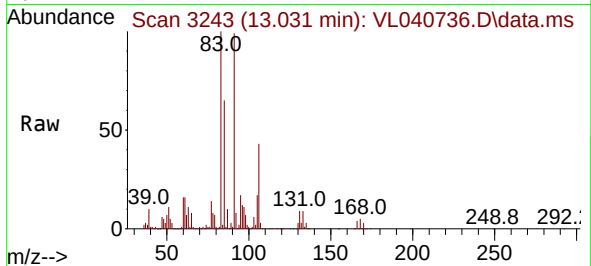
#63
1,1,2,2-Tetrachloroethane
Concen: 9.238 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 83 Resp: 223685
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.1
85 65.2 33.1 99.3

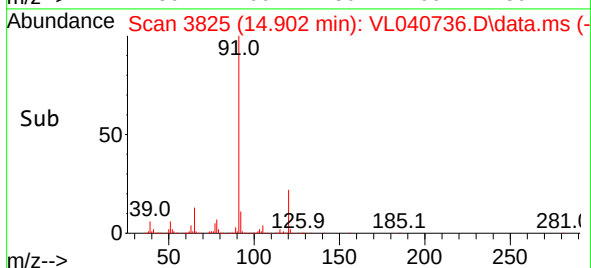
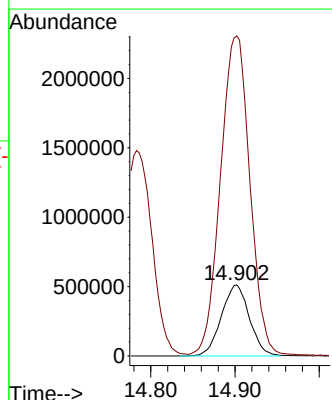
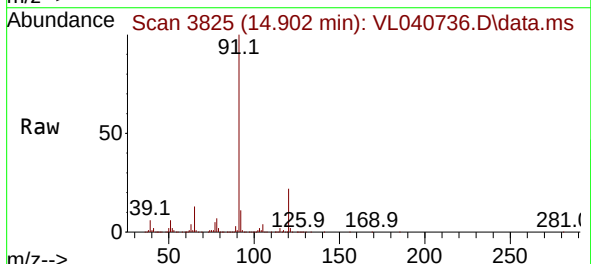
Manual Integrations
APPROVED

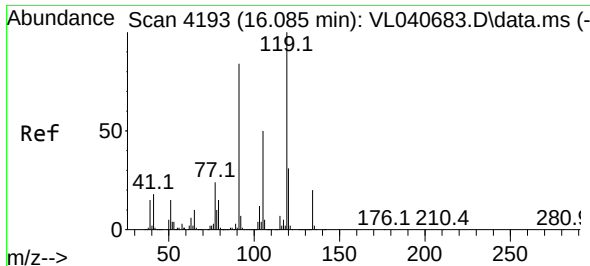
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#64
n-propylbenzene
Concen: 10.135 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

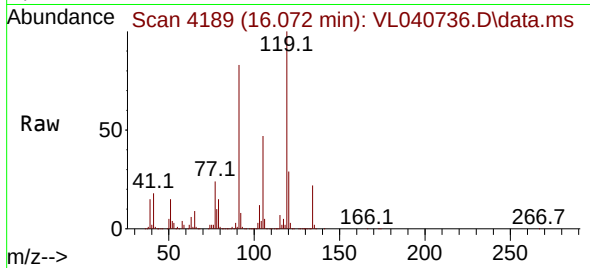
Tgt Ion:120 Resp: 1182054
Ion Ratio Lower Upper
120 100
91 475.6 386.9 580.3





#65
tert-Butylbenzene
Concen: 9.524 ppbv
RT: 16.072 min Scan# 4193
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

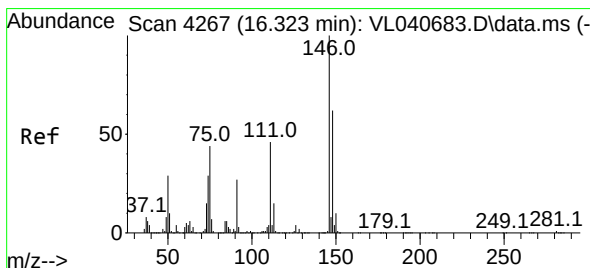
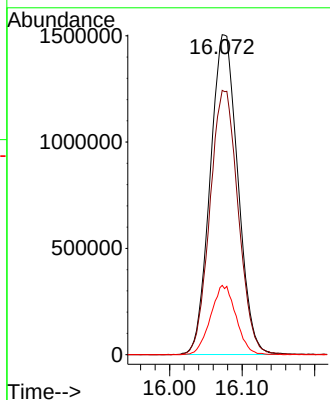
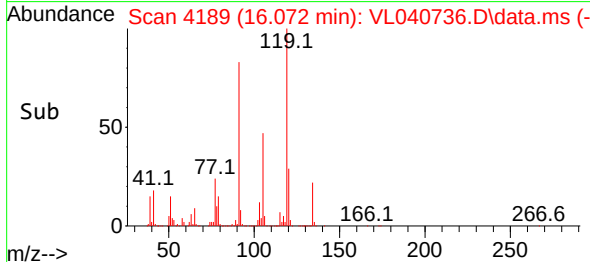
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion: 119 Resp: 398744
Ion Ratio Lower Upper
119 100
91 84.7 69.8 104.8
134 20.0 15.4 23.2

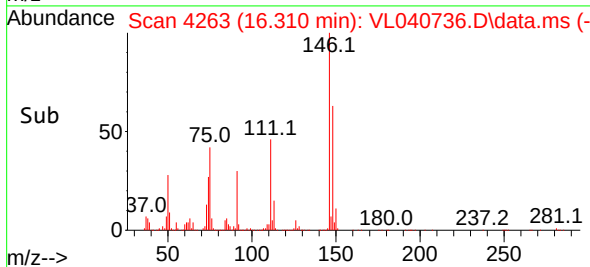
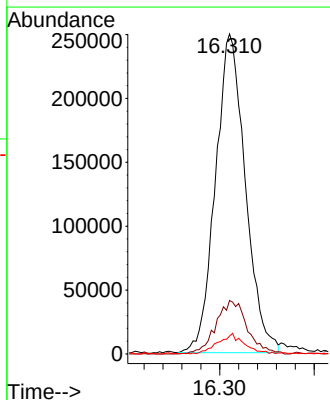
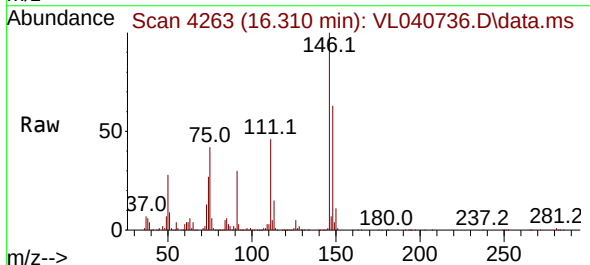
Manual Integrations
APPROVED

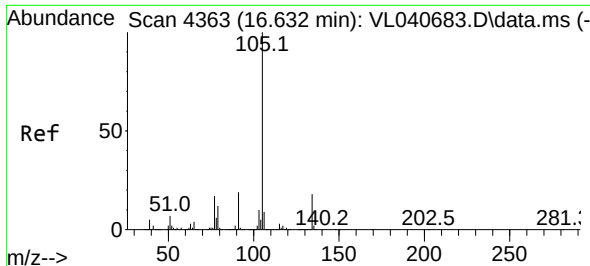
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#66
Benzyl Chloride
Concen: 11.224 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

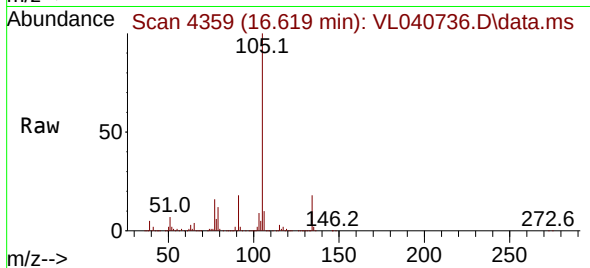
Tgt Ion: 91 Resp: 548406
Ion Ratio Lower Upper
91 100
126 17.6 13.6 20.4
128 6.1 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.481 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

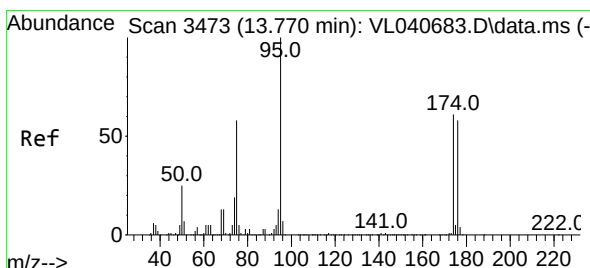
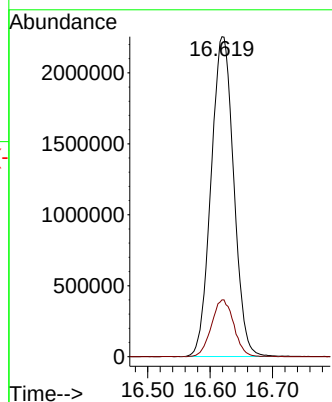
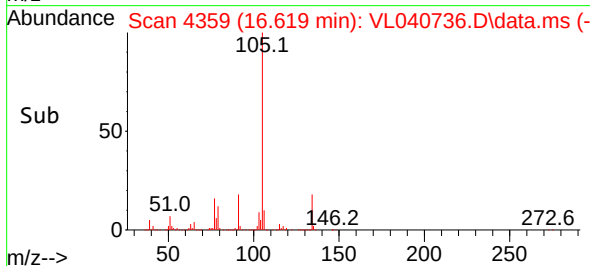
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1004ABS01



Tgt Ion:105 Resp: 568242
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

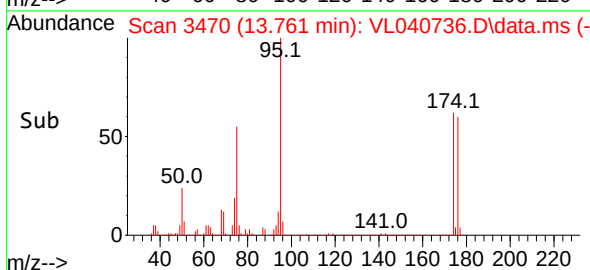
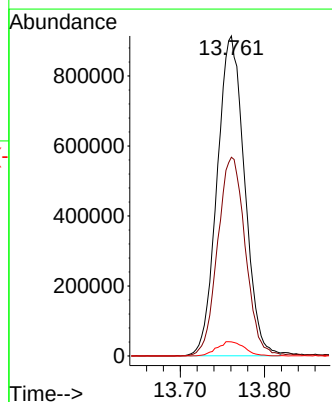
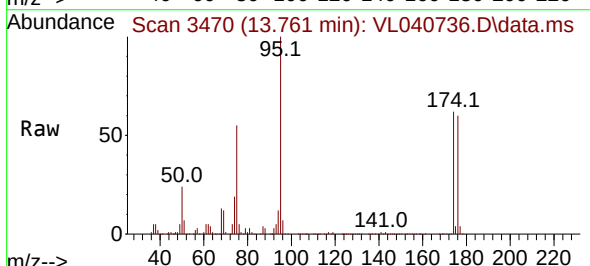
Manual Integrations
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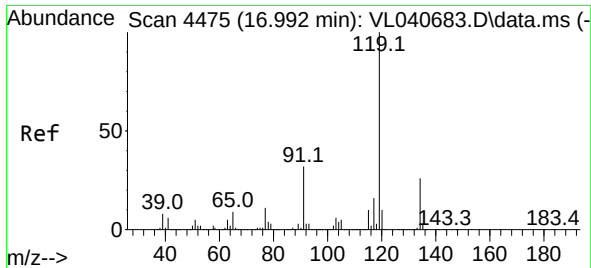
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.823 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.026 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Tgt Ion: 95 Resp: 2062612
 Ion Ratio Lower Upper
 95 100
 174 63.0 48.9 73.3
 175 4.5 3.5 5.3





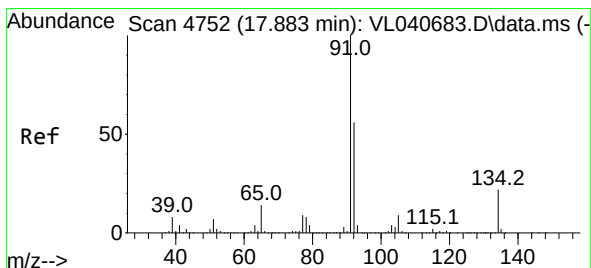
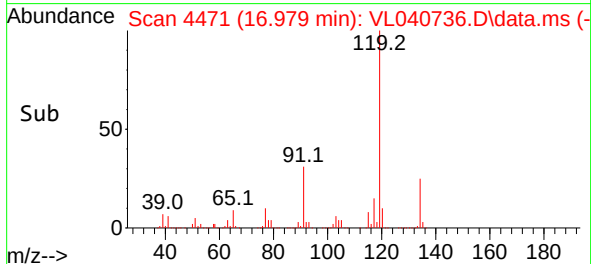
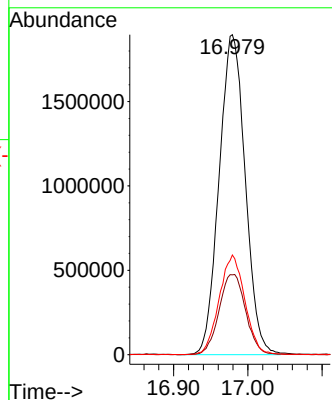
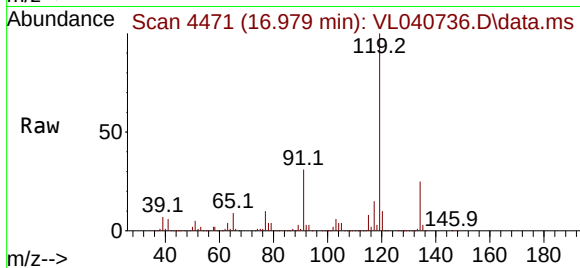
#69
p-Isopropyltoluene
Concen: 9.836 ppbv
RT: 16.979 min Scan# 4475
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion:119 Resp: 4632950
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 30.6 25.0 37.6

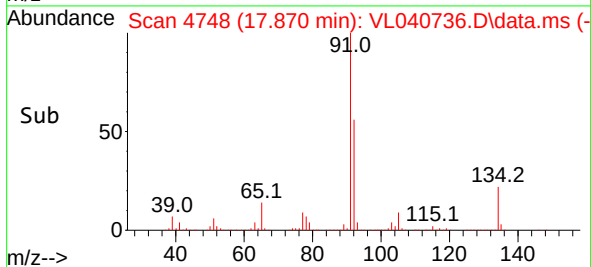
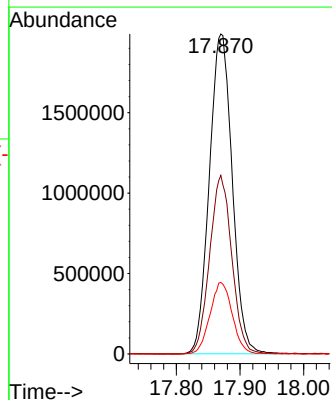
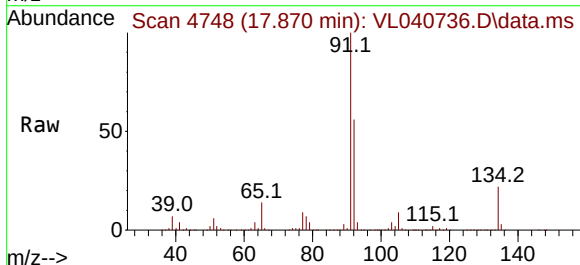
Manual Integrations
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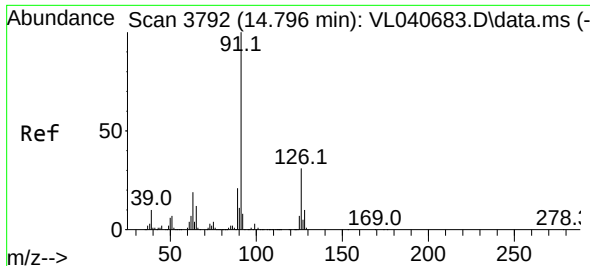
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70
n-Butylbenzene
Concen: 9.588 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 91 Resp: 4970708
Ion Ratio Lower Upper
91 100
92 54.2 42.7 64.1
134 21.9 17.0 25.4





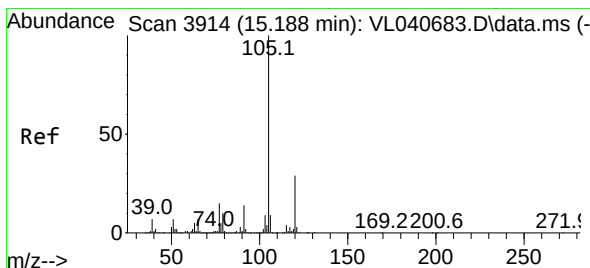
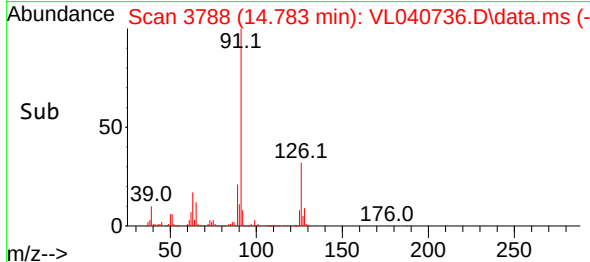
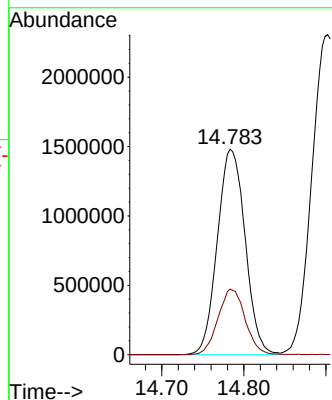
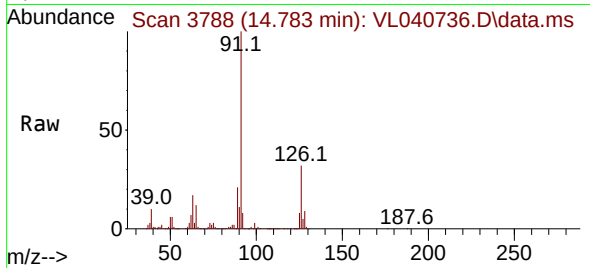
#71
2-Chlorotoluene
Concen: 10.107 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01

Tgt Ion: 91 Resp: 348800
Ion Ratio Lower Upper
91 100
126 31.2 12.0 47.8

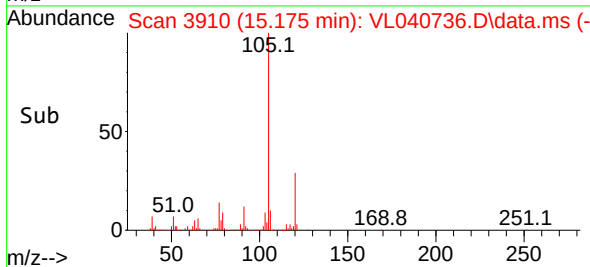
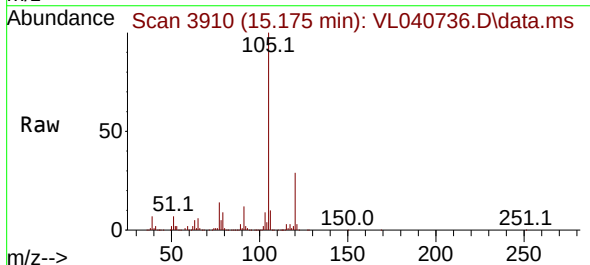
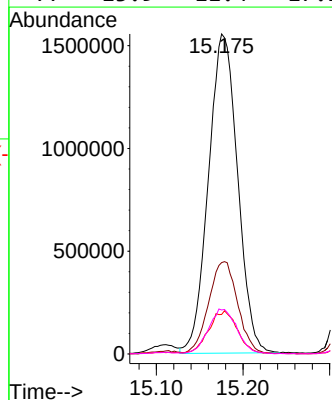
Manual Integrations
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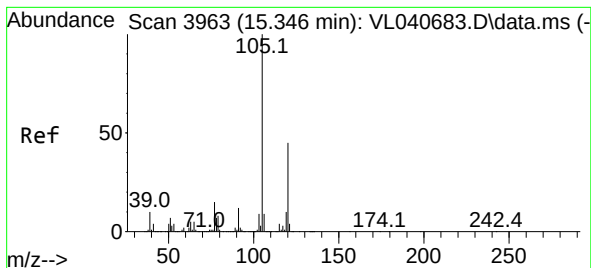
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#72
4-Ethyltoluene
Concen: 10.488 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:105 Resp: 3633526
Ion Ratio Lower Upper
105 100
120 29.8 23.9 35.9
91 13.8 11.0 16.4
77 13.9 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.053 ppbv

RT: 15.336 min Scan# 3960

Delta R.T. -0.026 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion:105 Resp: 3136104

Ion Ratio Lower Upper

105 100

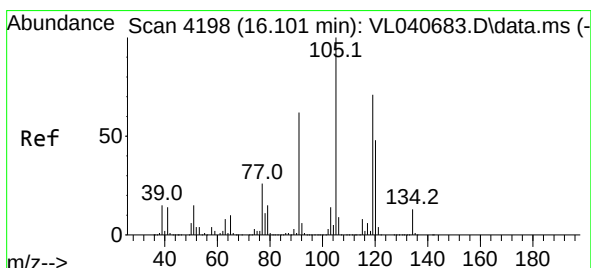
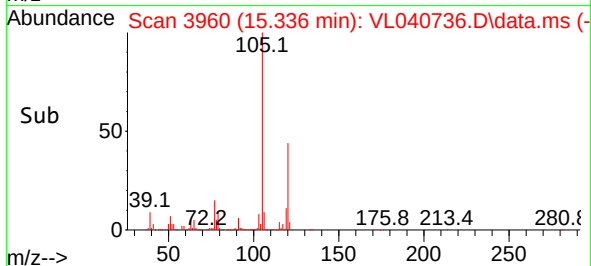
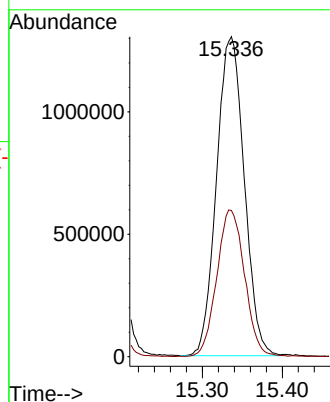
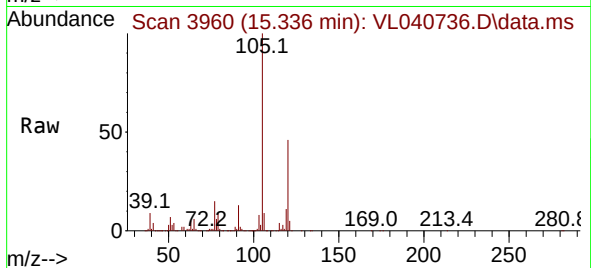
120 45.7 36.1 54.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.262 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.026 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Tgt Ion:105 Resp: 3522231

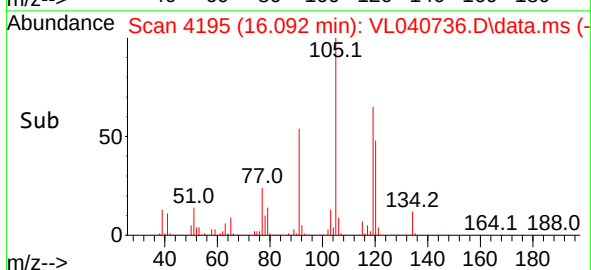
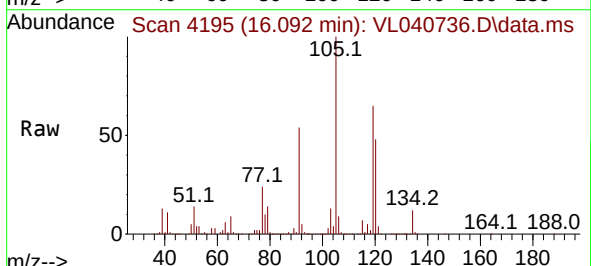
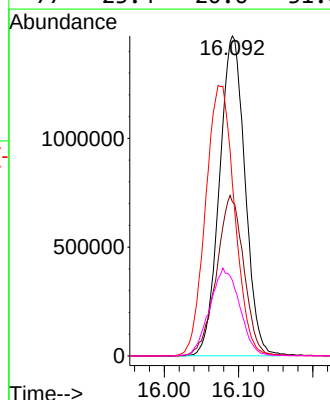
Ion Ratio Lower Upper

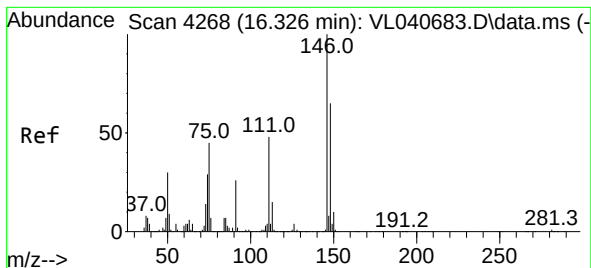
105 100

120 48.1 38.6 57.8

91 53.9 50.0 75.0

77 23.4 20.6 31.0





#75

1,3-Dichlorobenzene

Concen: 9.552 ppbv

RT: 16.317 min Scan# 4308

Delta R.T. -0.022 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion:146 Resp: 206969

Ion Ratio Lower Upper

146 100

111 47.0 23.9 71.7

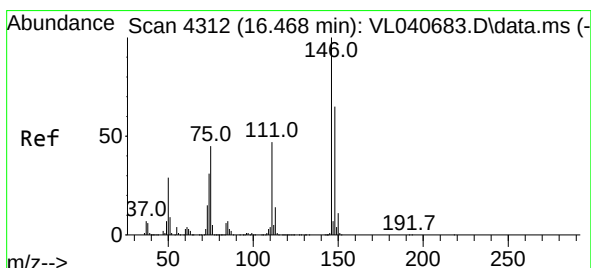
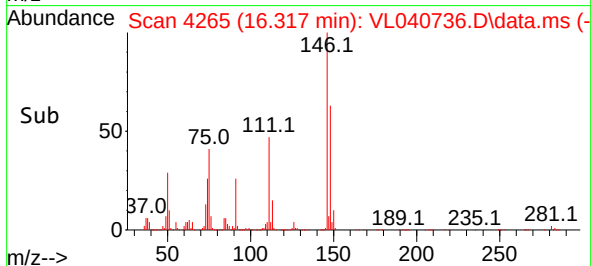
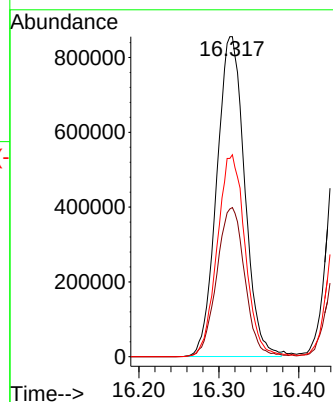
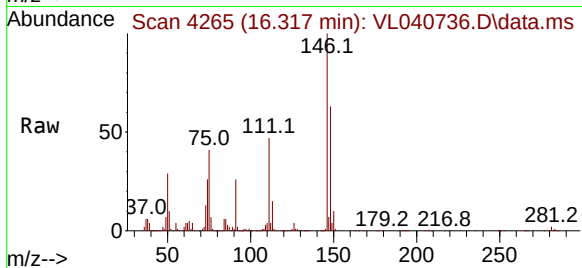
148 63.4 31.8 95.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#76

1,4-Dichlorobenzene

Concen: 9.457 ppbv

RT: 16.455 min Scan# 4308

Delta R.T. -0.026 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

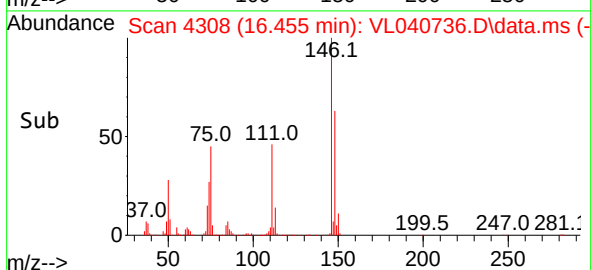
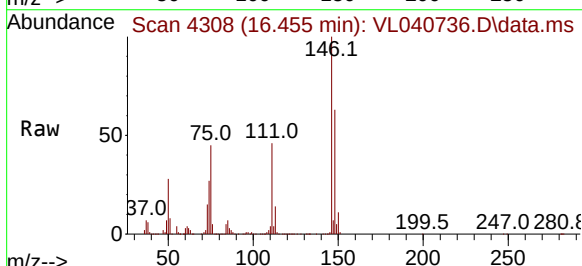
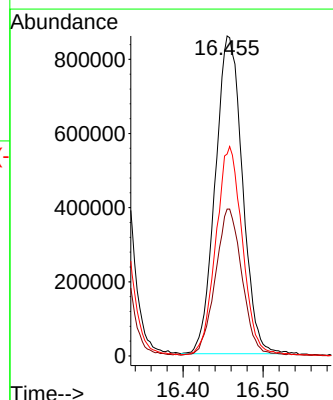
Tgt Ion:146 Resp: 2016119

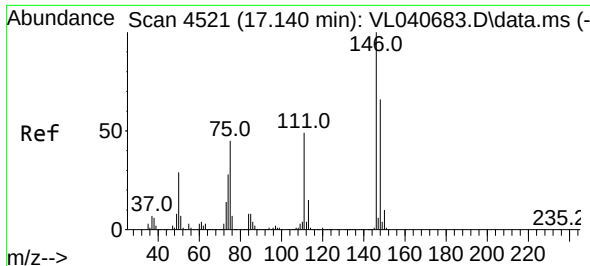
Ion Ratio Lower Upper

146 100

111 46.5 23.8 71.2

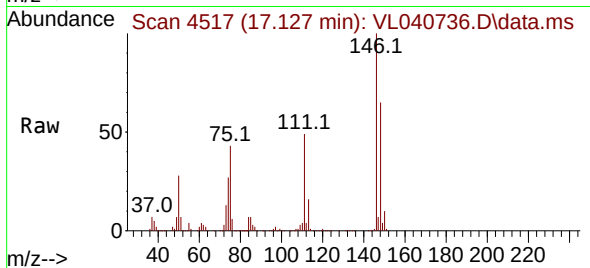
148 65.3 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 9.217 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

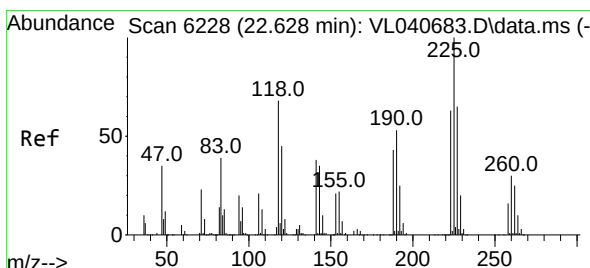
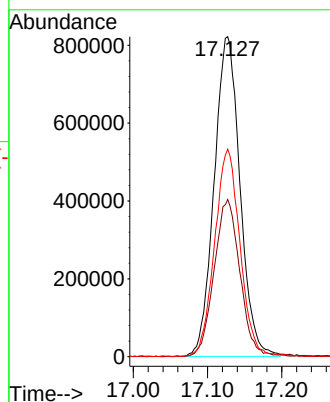
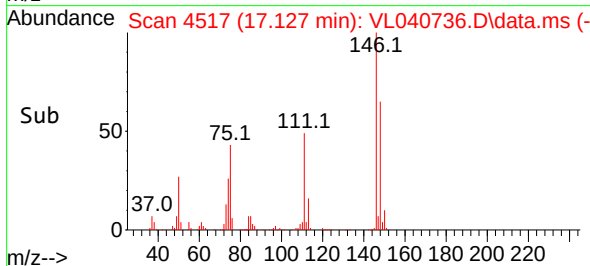
Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



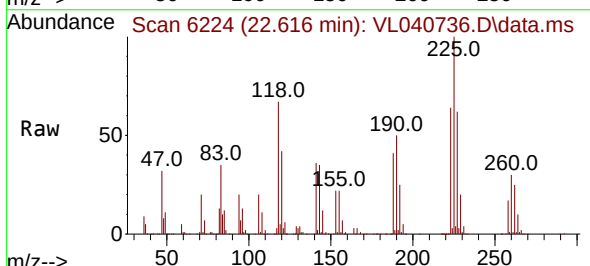
Tgt Ion:146 Resp: 1989240
Ion Ratio Lower Upper
146 100
111 49.3 25.0 75.0
148 64.0 32.4 97.0

Manual Integrations
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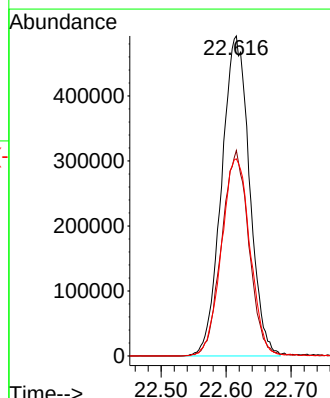
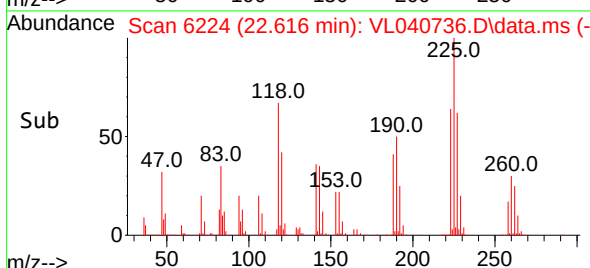
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

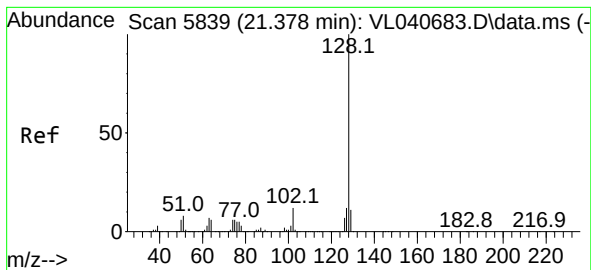


#78
Hexachloro-1,3-Butadiene
Concen: 8.993 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36



Tgt Ion:225 Resp: 1468421
Ion Ratio Lower Upper
225 100
223 63.1 51.2 76.8
227 63.5 50.7 76.1





#79

Naphthalene

Concen: 13.436 ppbv

RT: 21.365 min Scan# 5835

Delta R.T. -0.029 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL1004ABS01

Tgt Ion:128 Resp: 317953

Ion Ratio Lower Upper

128 100

127 13.2 9.8 14.6

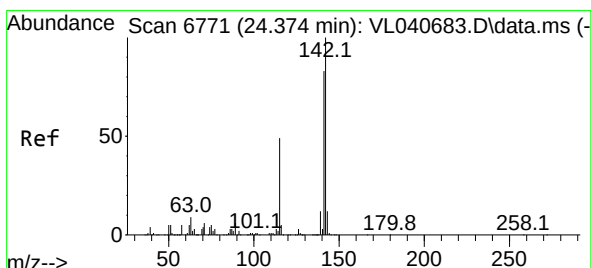
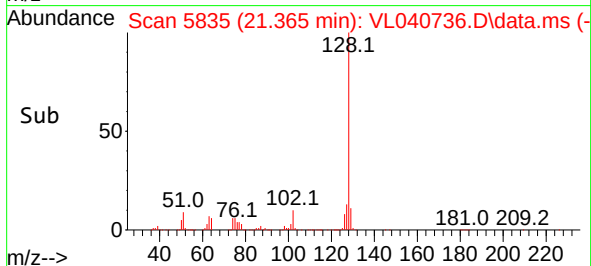
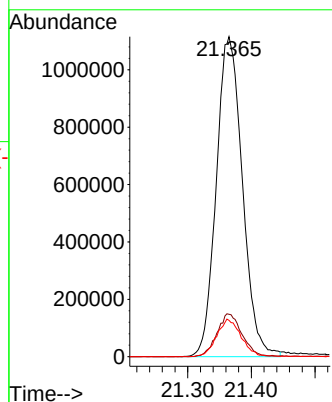
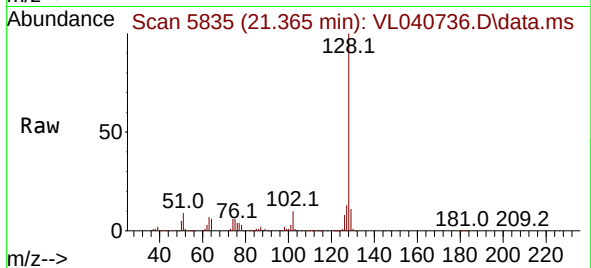
129 11.4 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#80

Naphthalene,2-methyl-

Concen: 14.787 ppbv

RT: 24.362 min Scan# 6767

Delta R.T. -0.019 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

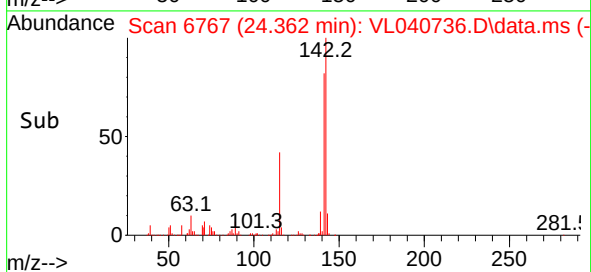
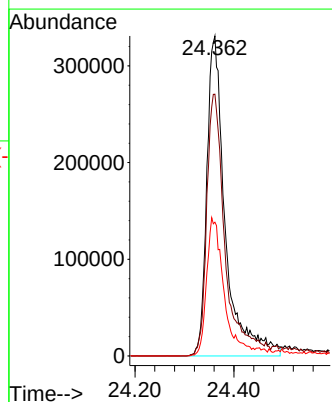
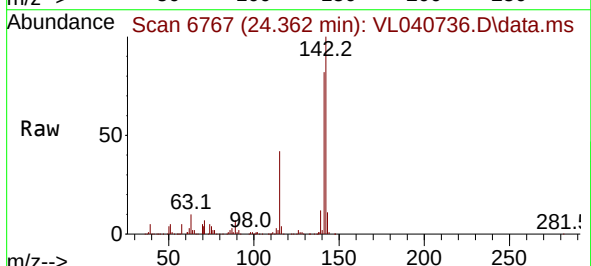
Tgt Ion:142 Resp: 857108

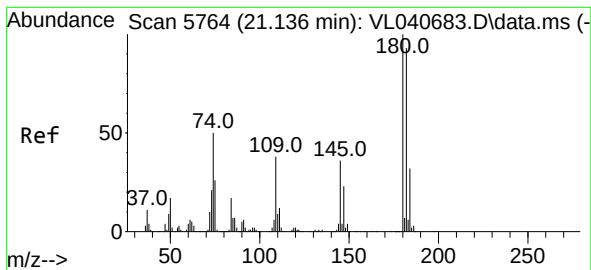
Ion Ratio Lower Upper

142 100

141 82.7 67.0 100.6

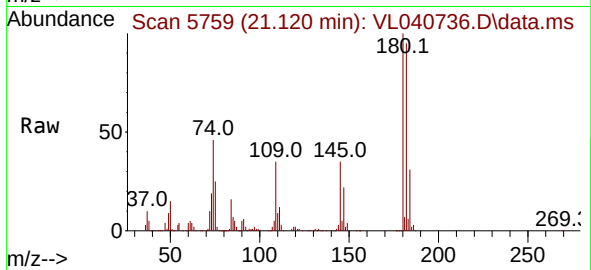
115 43.6 37.4 56.2





#81
1,2,4-Trichlorobenzene
Concen: 10.680 ppbv
RT: 21.120 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1004ABS01



Tgt Ion:180 Resp: 1650884
Ion Ratio Lower Upper
180 100
182 96.5 77.9 116.9
184 30.3 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

