

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040835.D
 Acq On : 13 Nov 2023 10:45
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 15:19:08 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Mon Nov 13 15:18:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1194114	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3025657	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2993306	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 2287523 10.267 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	2130115	10.001	ppbv	100
3) Chlorodifluoromethane	2.668	51	1683842	9.569	ppbv	100
4) Chloromethane	2.806	50	615873	8.954	ppbv	100
5) Vinyl Chloride	2.912	62	636111	8.945	ppbv	100
6) Bromomethane	3.111	94	236726	8.277	ppbv	100
7) Chloroethane	3.189	64	218993	9.510	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1557938	9.742	ppbv	100
9) Propene	2.687	41	577271	8.992	ppbv	100
10) Heptane	7.555	43	1454059	8.976	ppbv	100
11) Trichlorofluoromethane	3.549	101	1669999	10.146	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.054	101	1197091	10.217	ppbv	100
13) Ethanol	3.230	45	103273m	7.290	ppbv	
14) Bromoethene	3.356	108	499886	10.081	ppbv	100
15) Acetone	3.459	43	1102317	8.981	ppbv	100
16) 1,3-Butadiene	2.976	39	613972	9.610	ppbv	100
17) tert-Butyl alcohol	3.867	59	947397	7.991	ppbv	100
18) 1,1-Dichloroethene	3.867	96	525357	10.042	ppbv	100
19) Isopropyl Alcohol	3.565	45	690282	8.956	ppbv	100
20) Methylene Chloride	3.918	84	421066	8.179	ppbv	100
21) Allyl Chloride	3.983	41	764981	9.565	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	609645	10.764	ppbv	100
23) Vinyl Acetate	4.610	43	1654191	10.318	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1396068	11.253	ppbv	100
25) Ethyl Acetate	5.185	43	2438361	9.096	ppbv	100
26) Hexane	5.195	57	1058240	8.668	ppbv	100
27) Carbon Disulfide	4.108	76	1396966	10.200	ppbv	100
28) Methyl tert-Butyl Ether	4.571	73	1018593	10.388	ppbv	100
29) Chloroform	5.256	83	1798880	9.926	ppbv	100
30) Cyclohexane	6.581	84	920025	8.879	ppbv	100
31) cis-1,2-Dichloroethene	5.060	61	1129413	9.876	ppbv	100
32) 1,1,1-Trichloroethane	5.986	97	1776147	9.311	ppbv	100
34) 2-Butanone	4.767	43	1547984	10.719	ppbv	100
35) Carbon Tetrachloride	6.471	117	1875956	10.868	ppbv	100
36) Benzene	6.349	78	2277855	9.792	ppbv	100
37) 1,2-Dichloroethane	5.787	62	1380103	11.248	ppbv	100
38) Trichloroethene	7.269	130	865252	8.430	ppbv	100
39) 1,2-Dichloropropane	7.050	63	900044	9.898	ppbv	100
40) 1,4-Dioxane	7.262	88	329235	9.662	ppbv #	99
41) Tetrahydrofuran	5.539	42	935616	9.934	ppbv	100
42) Bromodichloromethane	7.227	83	2003369	10.961	ppbv	100
43) Methyl Methacrylate	7.452	69	939444	10.100	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3774014	9.588	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	601451	8.620	ppbv	100

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Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 15:19:08 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Mon Nov 13 15:18:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	756595	8.716	ppbv	100
47) 1,1,2-Trichloroethane	8.873	97	946829	9.884	ppbv	100
48) Dibromochloromethane	9.687	129	1693421	10.499	ppbv	100
49) Bromoform	12.378	173	1318852	10.264	ppbv	100
50) 4-Methyl-2-Pentanone	8.156	43	2363261	10.070	ppbv	100
51) 2-Hexanone	9.523	43	1753361	9.892	ppbv #	100
52) Tetrachloroethene	10.590	164	783363	8.385	ppbv	100
53) Toluene	9.198	91	2596578	9.408	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1312340	9.855	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.481	131	1183790	9.605	ppbv	97
57) Chlorobenzene	11.497	112	1983342	9.202	ppbv	100
58) Ethyl Benzene	12.063	91	3520752	9.266	ppbv	100
59) m/p-Xylene	12.346	91	5900856m	18.794	ppbv	
60) o-Xylene	13.031	91	2784914	9.326	ppbv	100
61) Styrene	12.870	104	1465242	9.041	ppbv	100
62) Isopropylbenzene	14.002	105	4119988	9.013	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.021	83	2010077	8.975	ppbv	99
64) n-propylbenzene	14.892	120	1070915	8.823	ppbv	100
65) tert-Butylbenzene	16.063	119	3526751	8.594	ppbv	100
66) Benzyl Chloride	16.304	91	142657m	4.127	ppbv	
67) sec-Butylbenzene	16.609	105	4974353	8.834	ppbv	100
69) p-Isopropyltoluene	16.969	119	4029604	8.603	ppbv	100
70) n-Butylbenzene	17.860	91	4214429	9.081	ppbv	100
71) 2-Chlorotoluene	14.773	91	3183113	9.236	ppbv	100
72) 4-Ethyltoluene	15.166	105	3233399	9.344	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	2777256	9.114	ppbv	100
74) 1,2,4-Trimethylbenzene	16.079	105	3008396	9.001	ppbv	100
75) 1,3-Dichlorobenzene	16.304	146	1693597	8.324	ppbv	100
76) 1,4-Dichlorobenzene	16.445	146	1676012	8.311	ppbv	100
77) 1,2-Dichlorobenzene	17.111	146	1618441	8.130	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	926924	6.593	ppbv	100
79) Naphthalene	21.352	128	1935083	7.519	ppbv	100
80) Naphthalene,2-methyl-	24.355	142	341422	5.301	ppbv	100
81) 1,2,4-Trichlorobenzene	21.111	180	1021392	7.310	ppbv	100

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

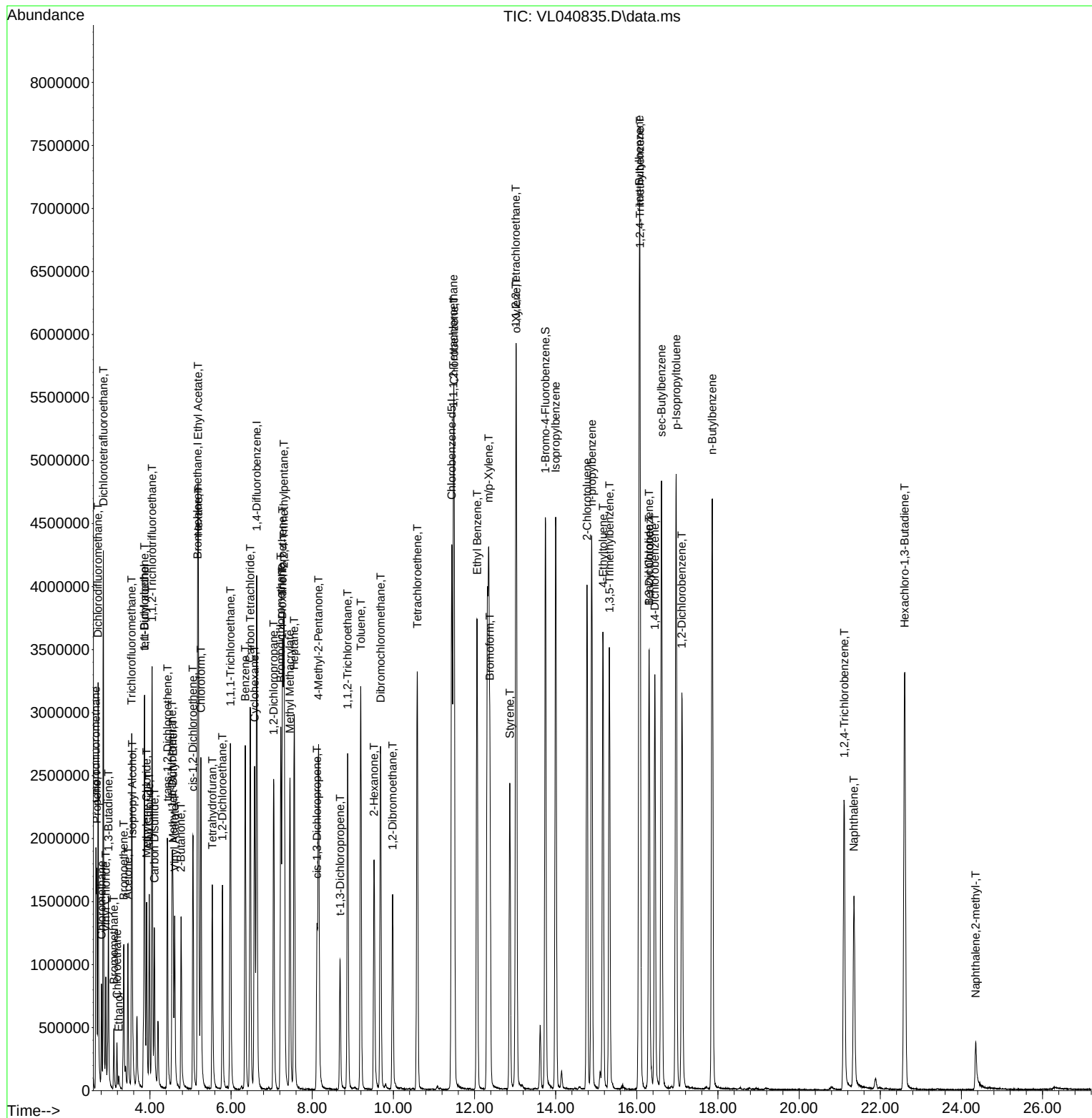
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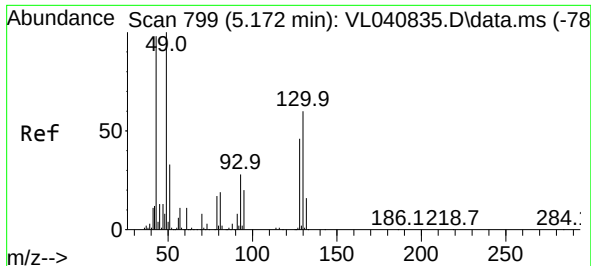
Instrument :
MSVOA_L
ClientSampleId :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 13 15:18:50 2023
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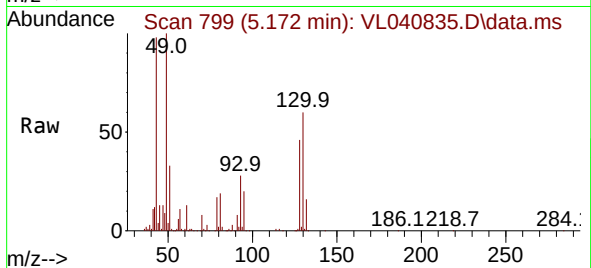
Reviewed By : Mahesh Dadoda 11/15/2023
Supervised By : Semsettin Yesilyurt 11/15/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 799
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

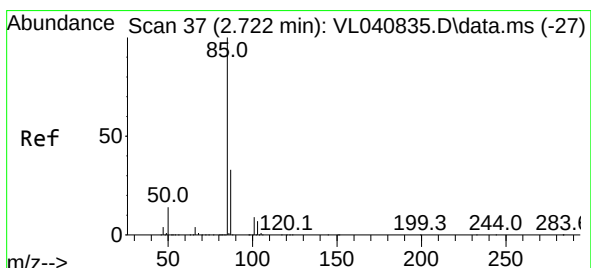
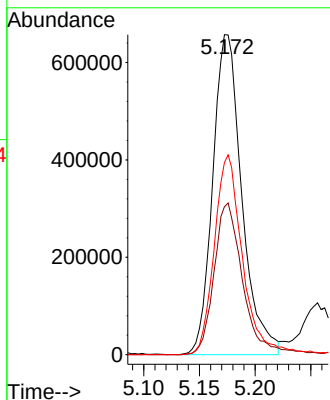
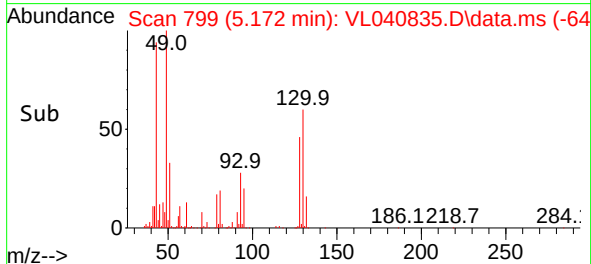
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



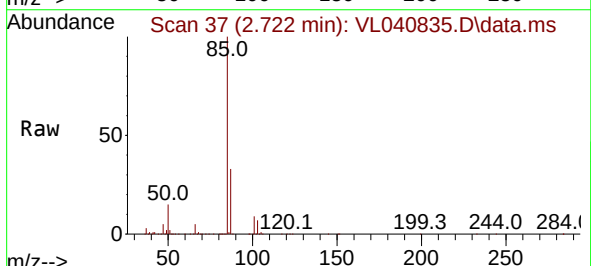
Tgt Ion: 49 Resp: 1194114
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.2
130 61.9 30.9 92.8

Manual Integrations
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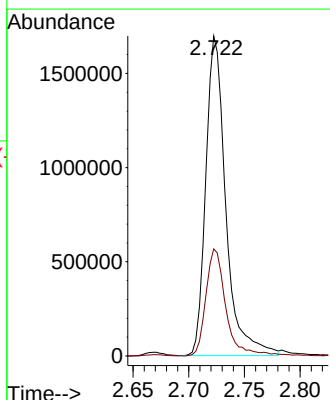
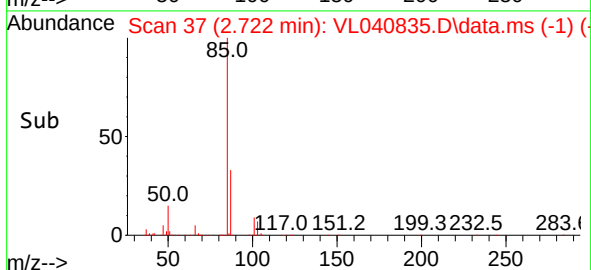
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

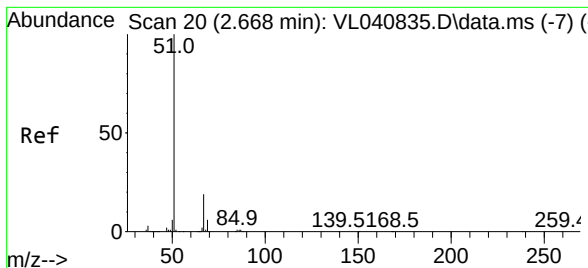


#2
Dichlorodifluoromethane
Concen: 10.001 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



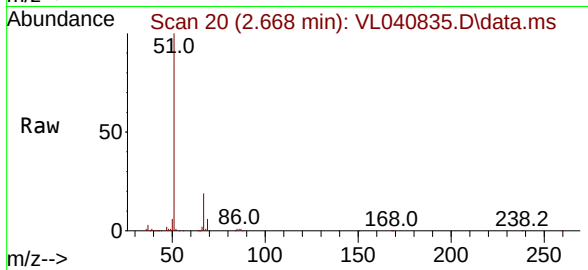
Tgt Ion: 85 Resp: 2130115
Ion Ratio Lower Upper
85 100
87 33.4 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.569 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

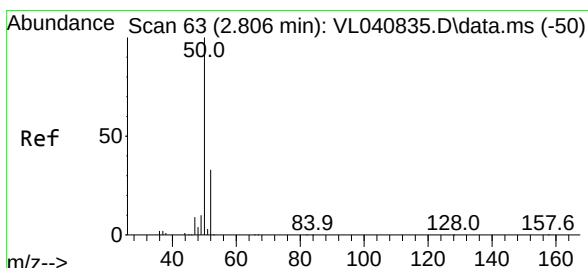
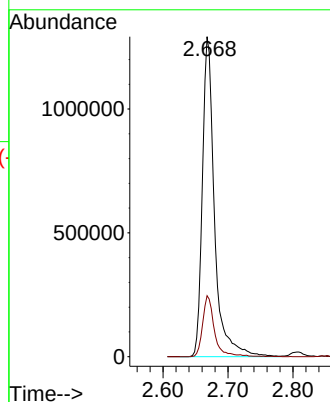
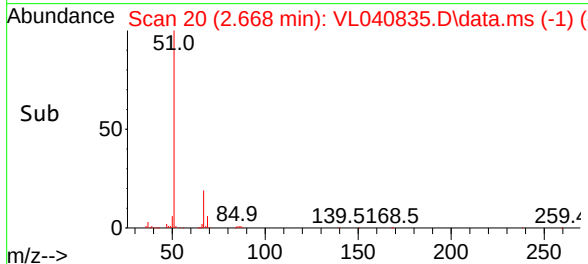
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



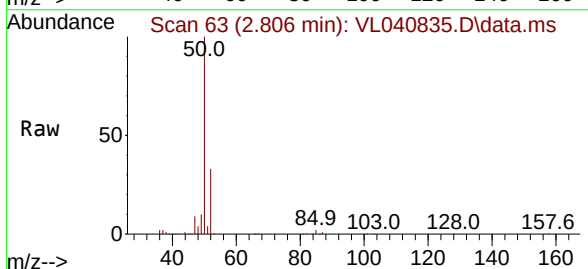
Tgt Ion: 51 Resp: 168384
Ion Ratio Lower Upper
51 100
67 18.7 15.0 22.4

Manual Integrations
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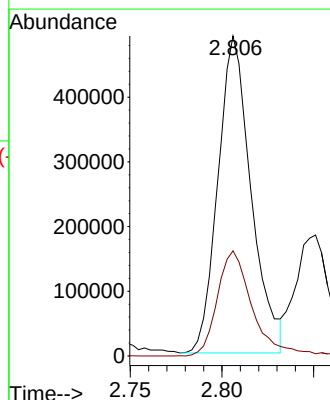
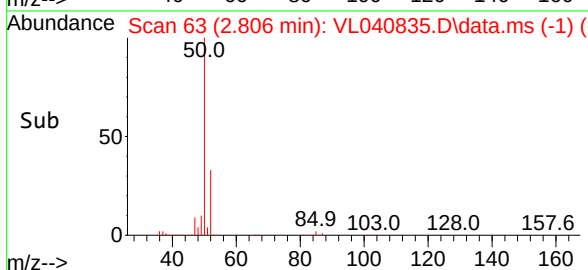
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

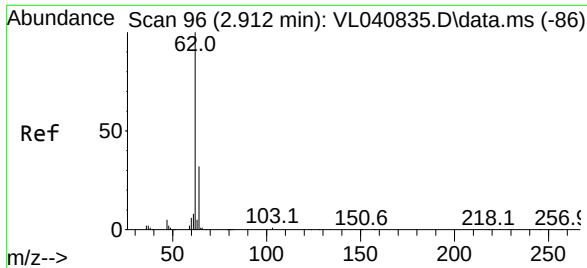


#4
Chloromethane
Concen: 8.954 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



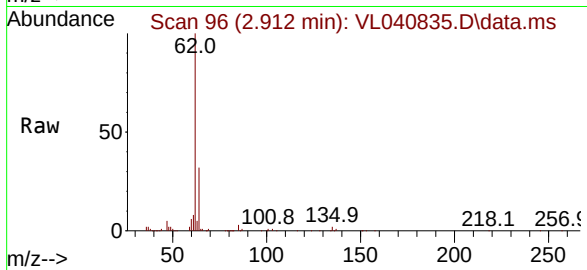
Tgt Ion: 50 Resp: 615873
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5





#5
 Vinyl Chloride
 Concen: 8.945 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

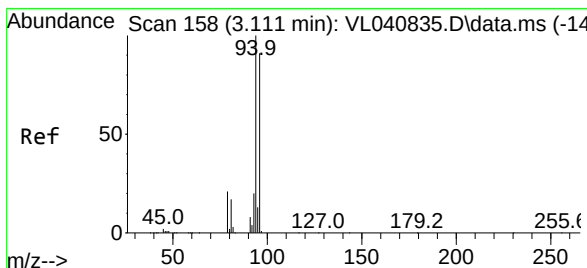
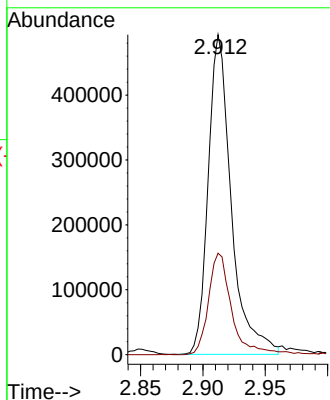
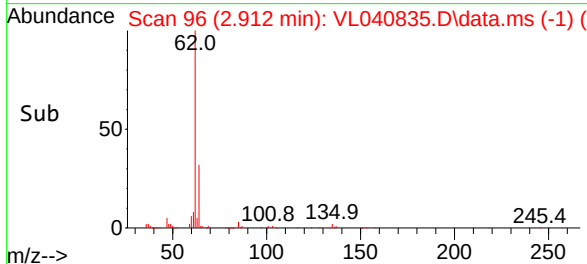
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



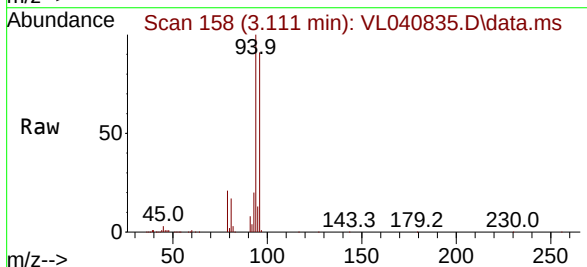
Tgt Ion: 62 Resp: 63611
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2

Manual Integrations
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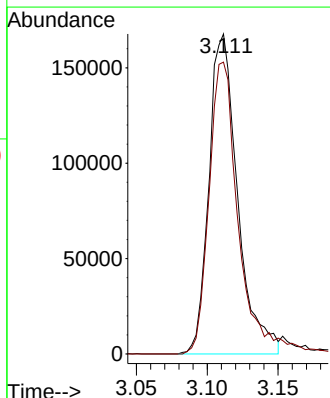
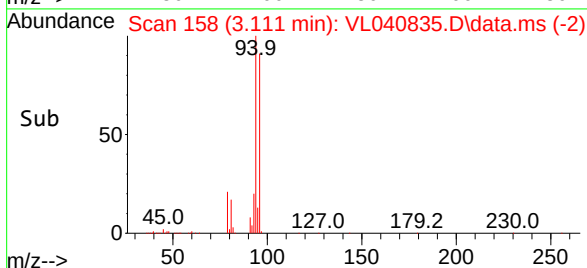
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

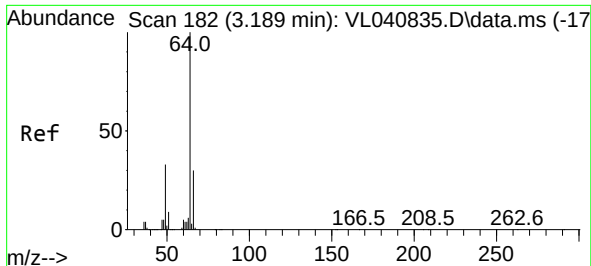


#6
 Bromomethane
 Concen: 8.277 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45



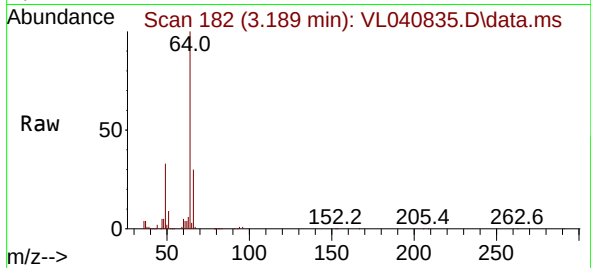
Tgt Ion: 94 Resp: 236726
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.0 109.4





#7
Chloroethane
Concen: 9.510 ppbv
RT: 3.189 min Scan# 182
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

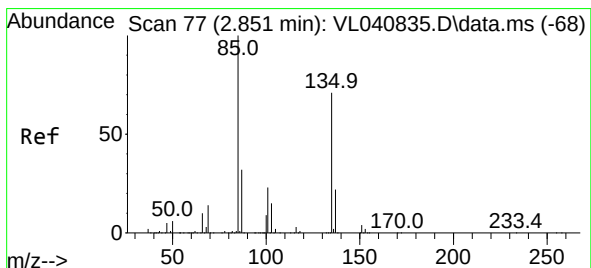
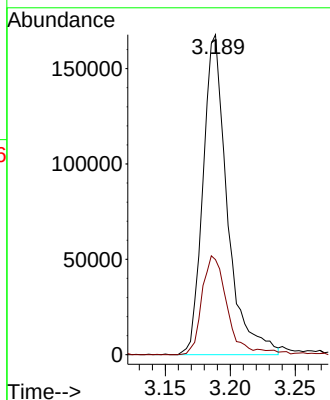
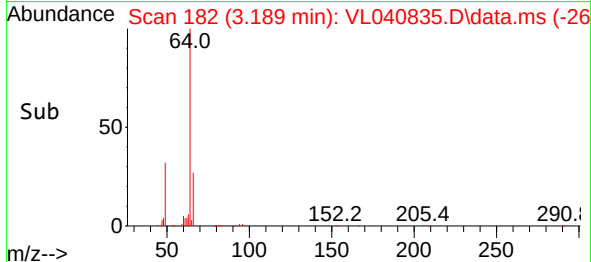
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 218993
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.6

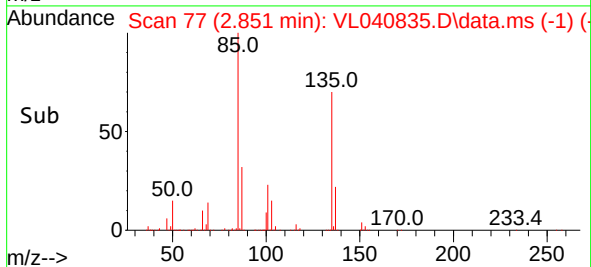
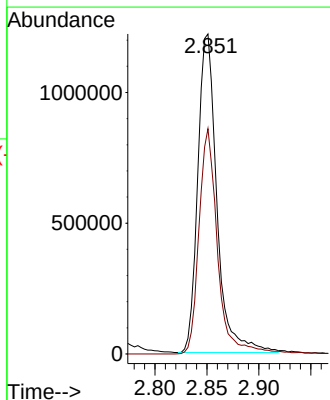
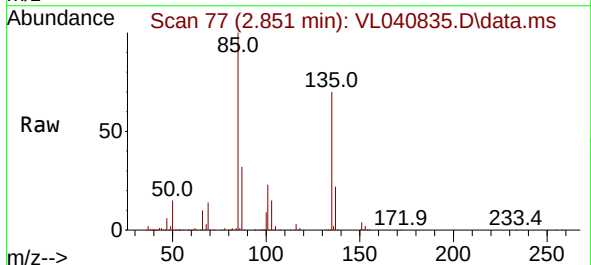
Manual Integrations
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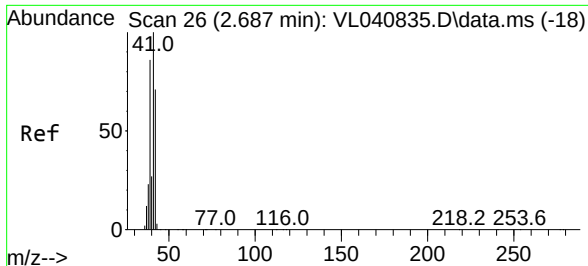
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#8
Dichlorotetrafluoroethane
Concen: 9.742 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 85 Resp: 1557938
Ion Ratio Lower Upper
85 100
135 69.1 55.3 82.9





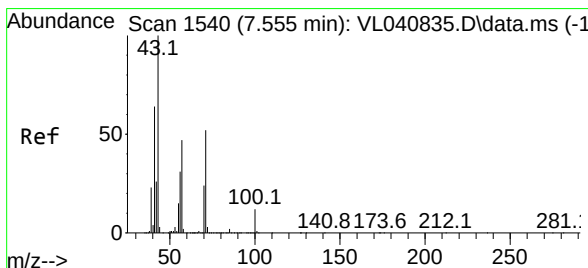
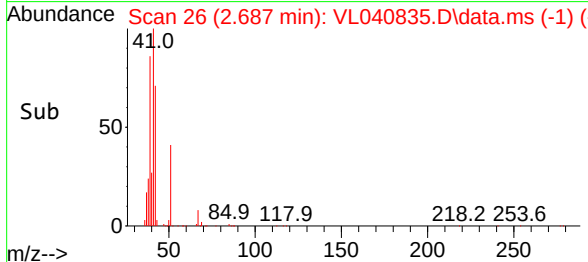
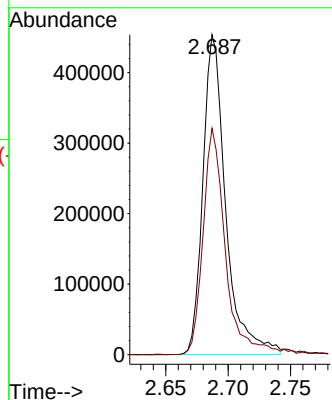
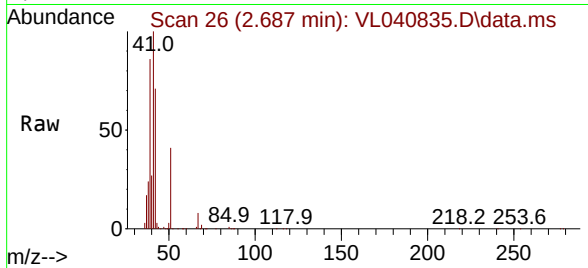
#9
 Propene
 Concen: 8.992 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

Instrument :
 MSVOA_L
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Tgt Ion: 41 Resp: 57727
 Ion Ratio Lower Upper
 41 100
 42 70.6 56.5 84.7

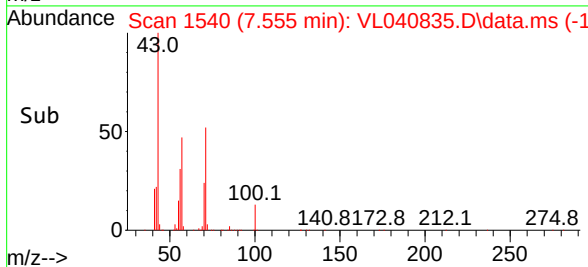
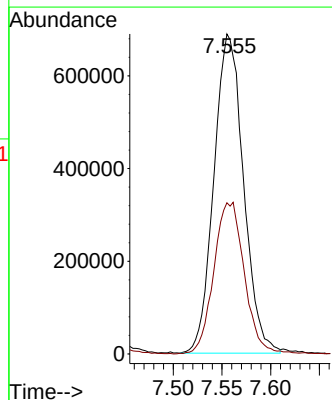
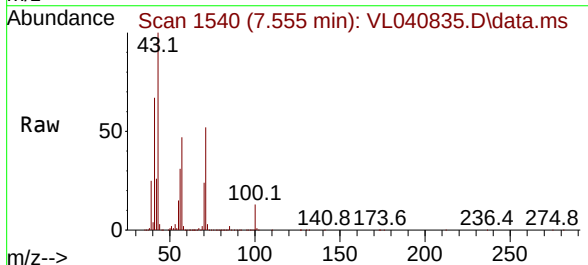
Manual Integrations
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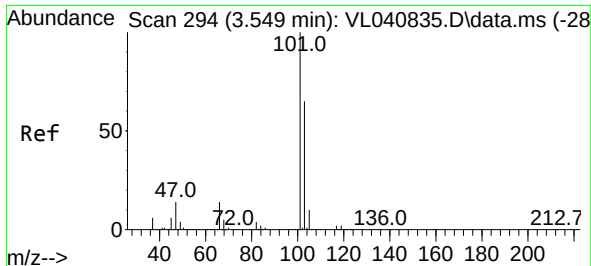
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#10
 Heptane
 Concen: 8.976 ppbv
 RT: 7.555 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

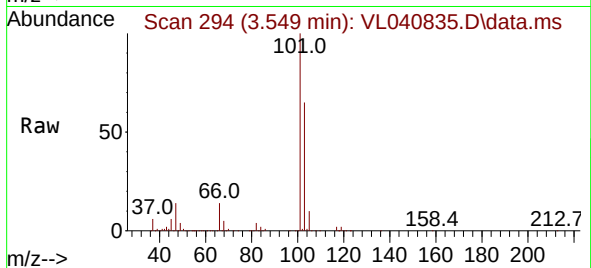
Tgt Ion: 43 Resp: 1454059
 Ion Ratio Lower Upper
 43 100
 57 49.2 39.4 59.0





#11
 Trichlorofluoromethane
 Concen: 10.146 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

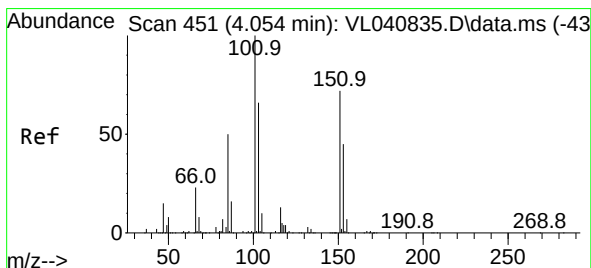
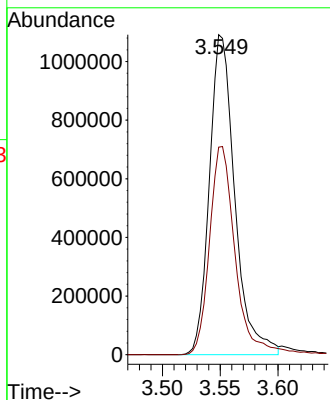
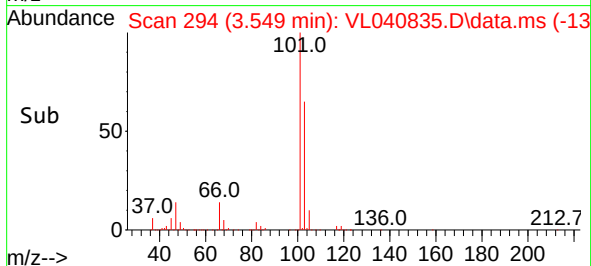
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



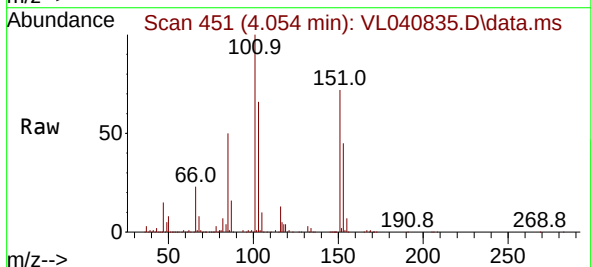
Tgt Ion:101 Resp: 1669999
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8

Manual Integrations
 APPROVED

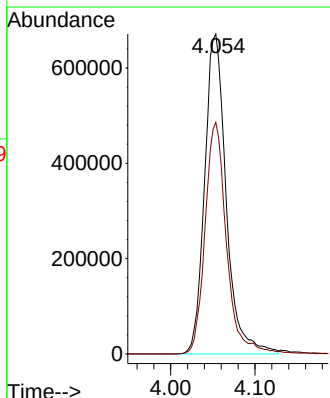
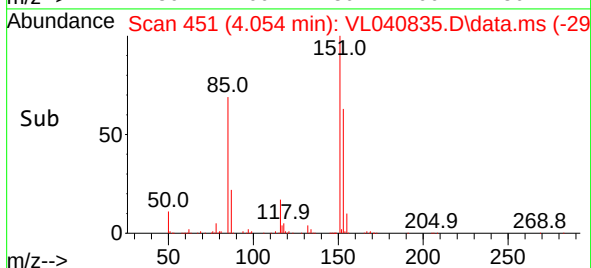
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

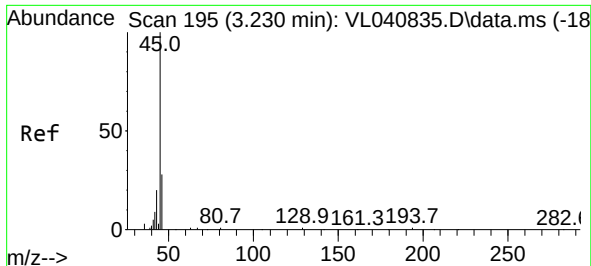


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.217 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45



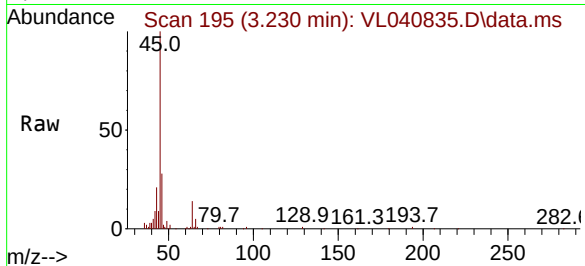
Tgt Ion:101 Resp: 1197091
 Ion Ratio Lower Upper
 101 100
 151 72.2 57.8 86.6





#13
Ethanol
Concen: 7.290 ppbv m
RT: 3.230 min Scan# 195
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

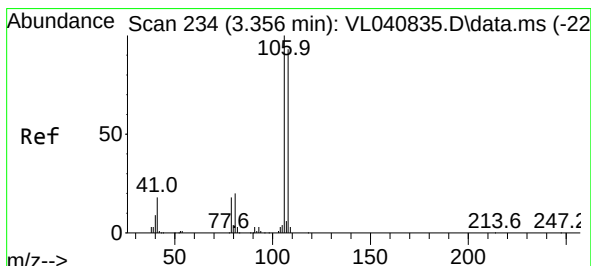
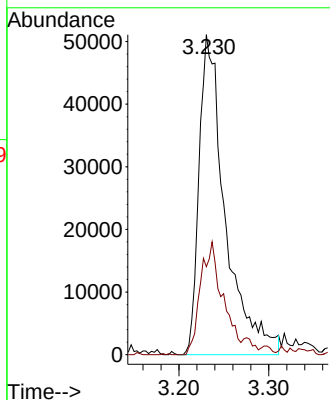
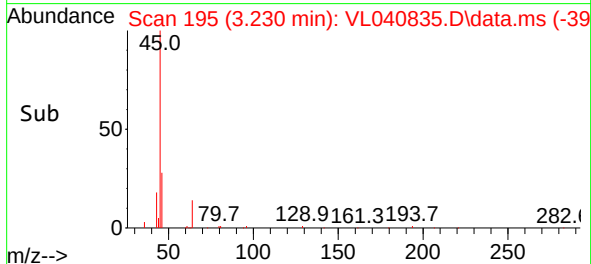
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



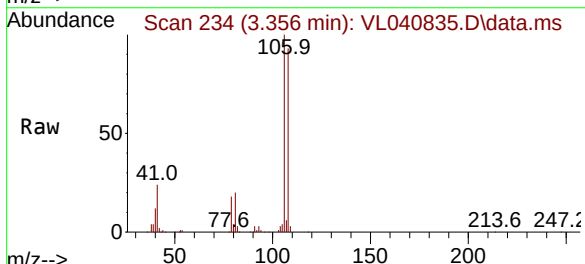
Tgt Ion: 45 Resp: 103273
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1

Manual Integrations
APPROVED

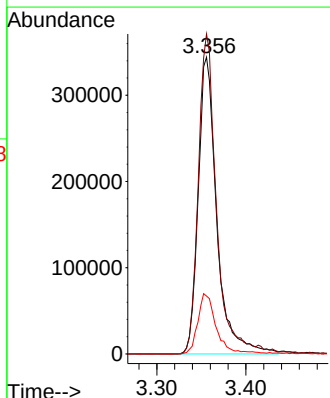
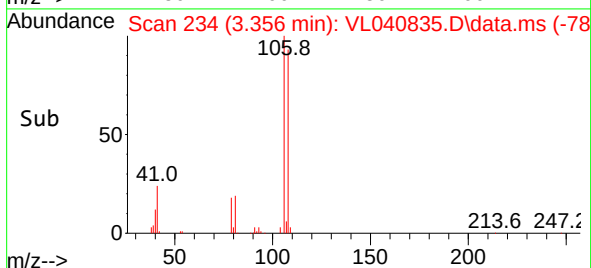
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

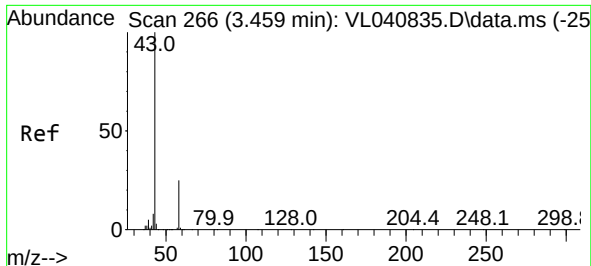


#14
Bromoethene
Concen: 10.081 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



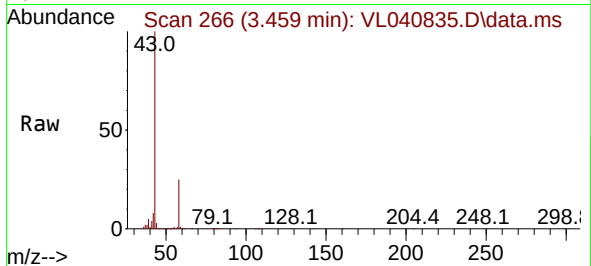
Tgt Ion:108 Resp: 499886
Ion Ratio Lower Upper
108 100
106 106.8 85.5 128.3
79 20.9 16.5 24.7





#15
Acetone
Concen: 8.981 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

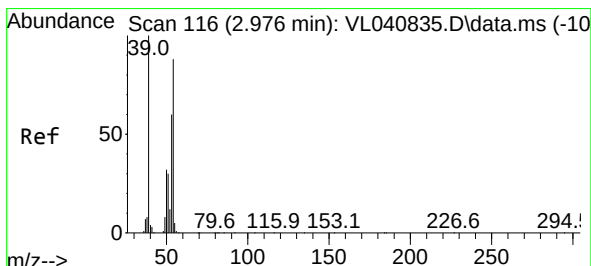
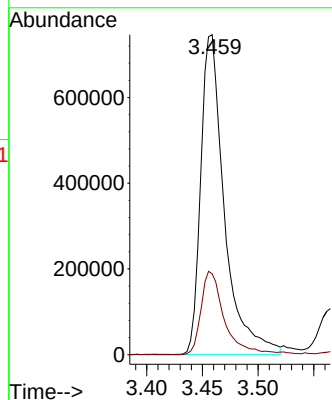
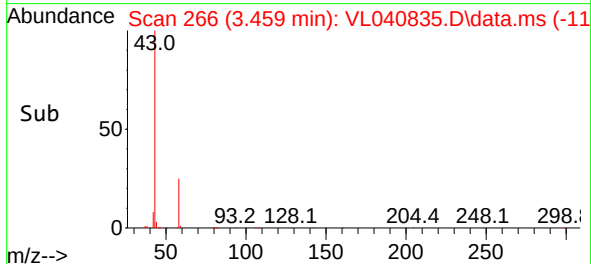
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



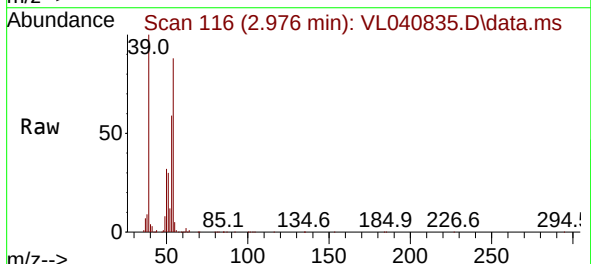
Tgt Ion: 43 Resp: 110231
Ion Ratio Lower Upper
43 100
58 26.1 20.9 31.3

Manual Integrations
APPROVED

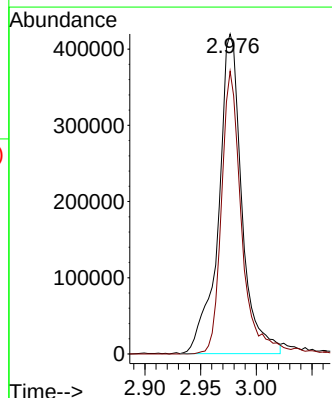
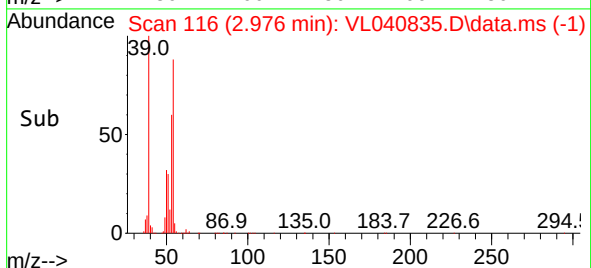
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

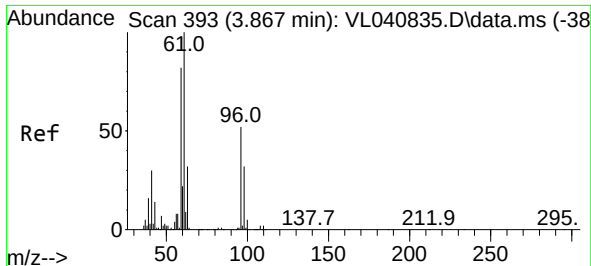


#16
1,3-Butadiene
Concen: 9.610 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



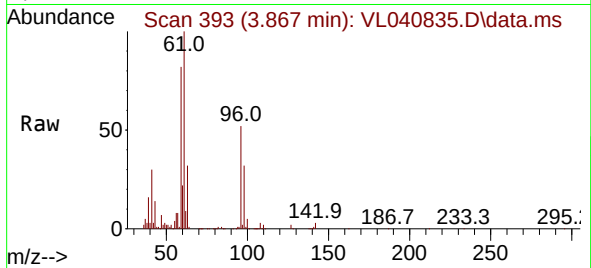
Tgt Ion: 39 Resp: 613972
Ion Ratio Lower Upper
39 100
54 77.2 61.8 92.6





#17
tert-Butyl alcohol
Concen: 7.991 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

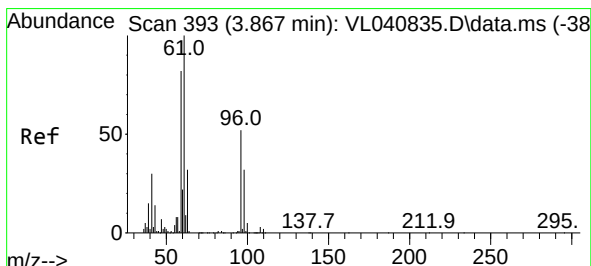
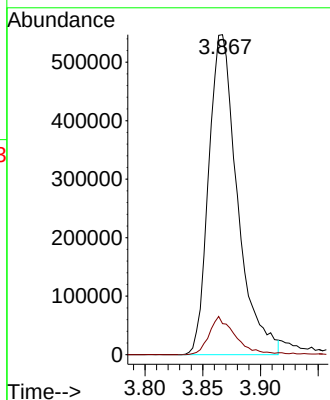
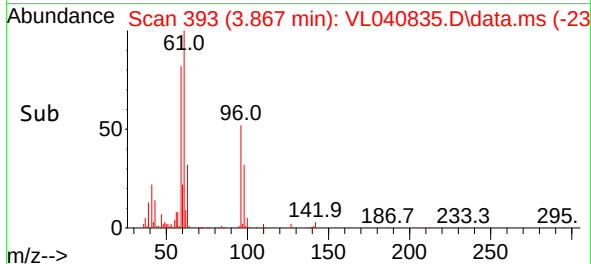
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



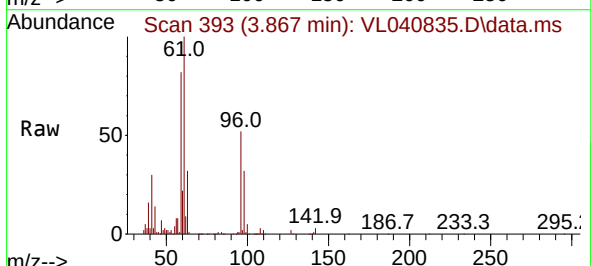
Tgt Ion: 59 Resp: 94739
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.6

Manual Integrations
APPROVED

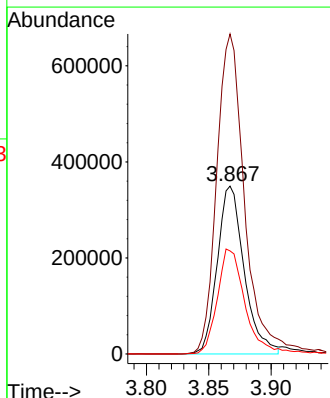
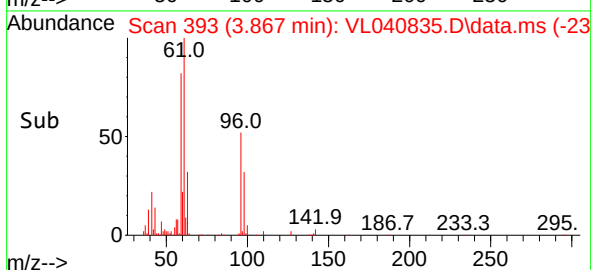
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

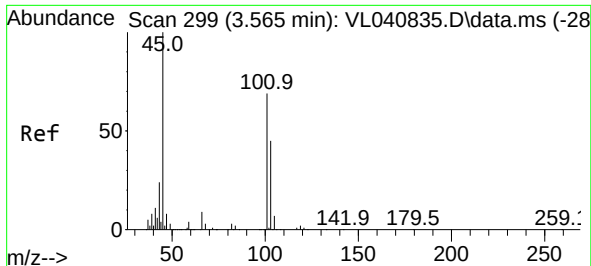


#18
1,1-Dichloroethene
Concen: 10.042 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



Tgt Ion: 96 Resp: 525357
Ion Ratio Lower Upper
96 100
61 190.7 152.6 228.8
98 61.5 49.2 73.8





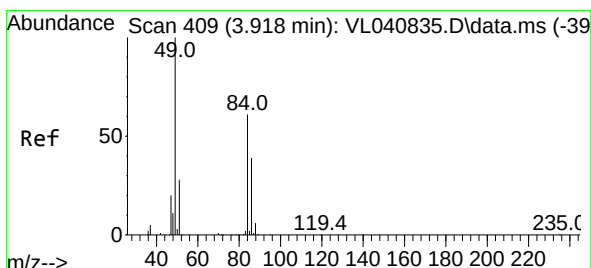
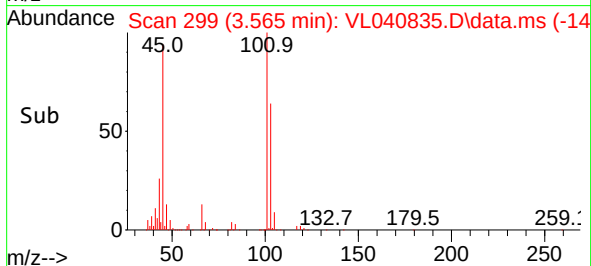
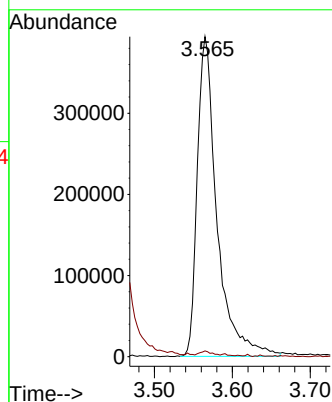
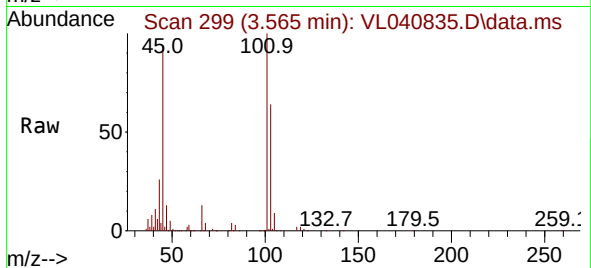
#19
Isopropyl Alcohol
Concen: 8.956 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 69028
Ion Ratio Lower Upper
45 100
58 2.0 1.6 2.4

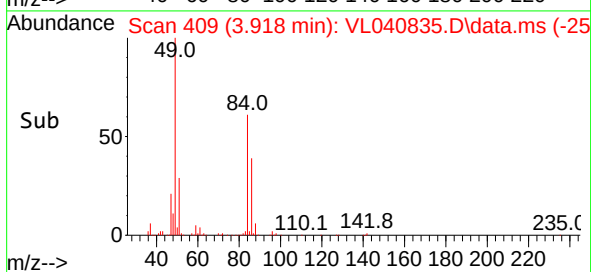
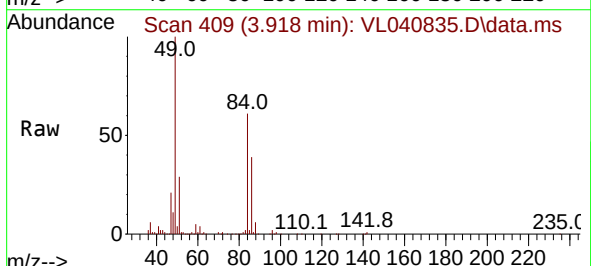
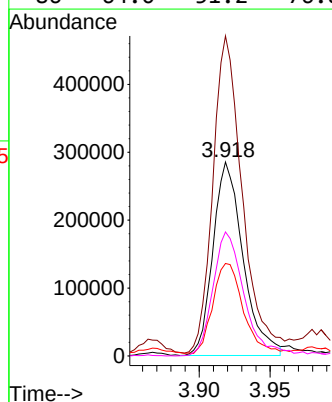
Manual Integrations
APPROVED

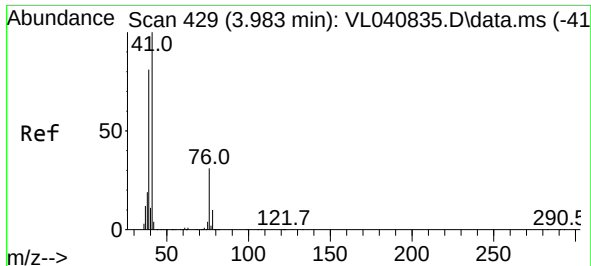
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#20
Methylene Chloride
Concen: 8.179 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 84 Resp: 421066
Ion Ratio Lower Upper
84 100
49 163.7 131.0 196.4
51 46.1 36.9 55.3
86 64.0 51.2 76.8





#21

Allyl Chloride

Concen: 9.565 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 76498

Ion Ratio Lower Upper

41 100

76 30.5 24.3 36.5

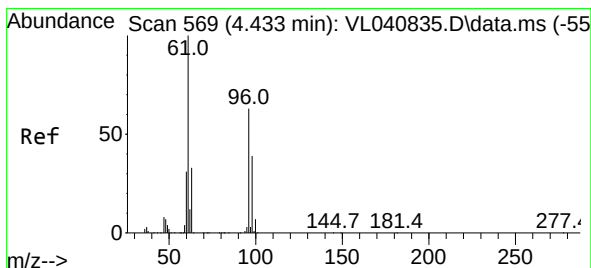
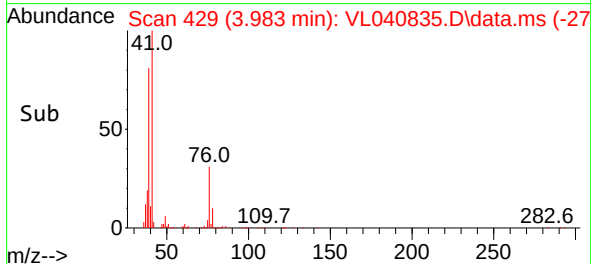
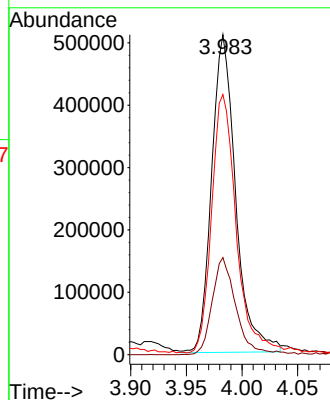
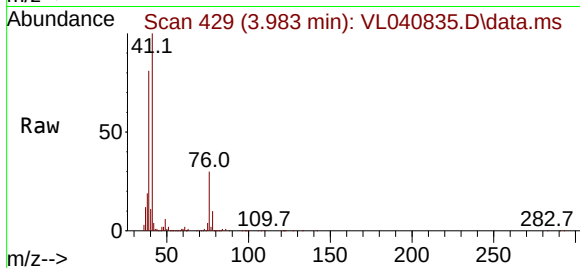
39 85.1 68.6 103.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#22

trans-1,2-Dichloroethene

Concen: 10.764 ppbv

RT: 4.433 min Scan# 569

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

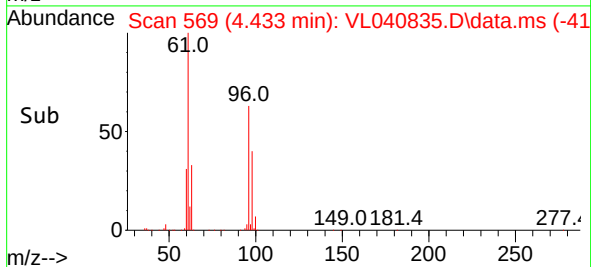
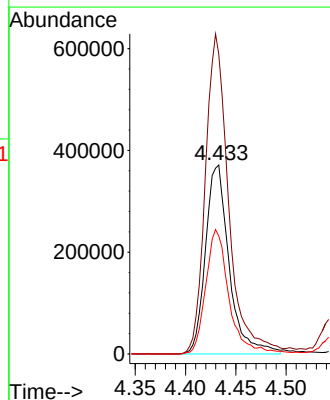
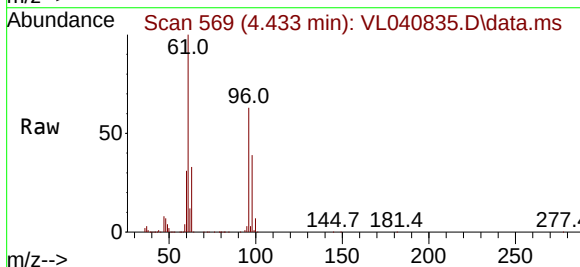
Tgt Ion: 96 Resp: 609645

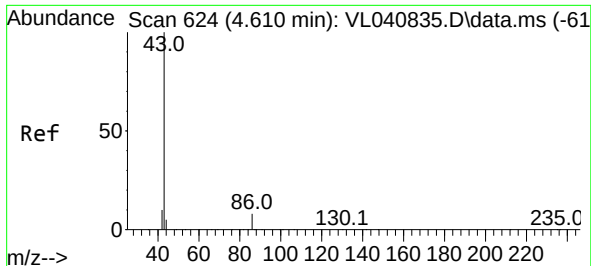
Ion Ratio Lower Upper

96 100

61 158.5 126.8 190.2

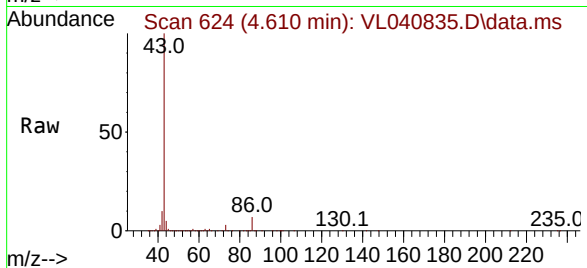
98 62.4 49.9 74.9





#23
 Vinyl Acetate
 Concen: 10.318 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

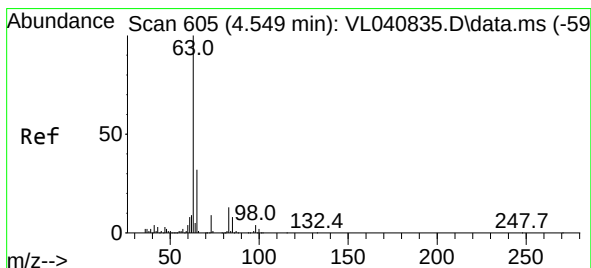
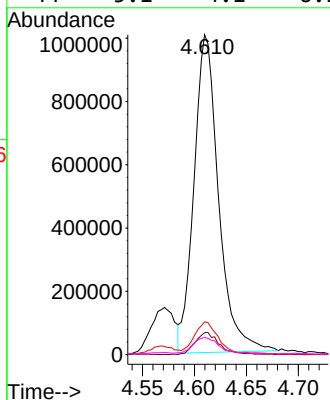
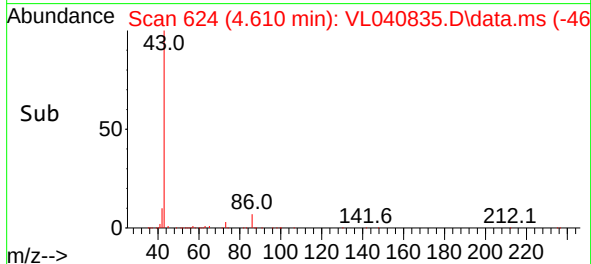
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 43 Resp: 165419
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.5 8.3
 42 10.2 8.2 12.2
 44 5.1 4.1 6.1

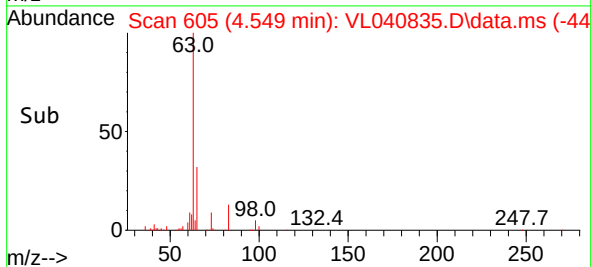
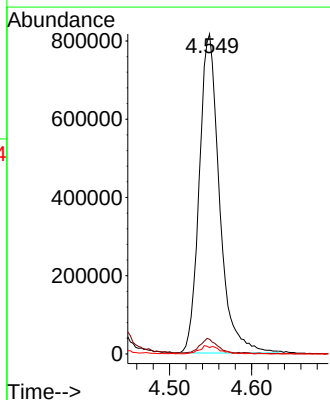
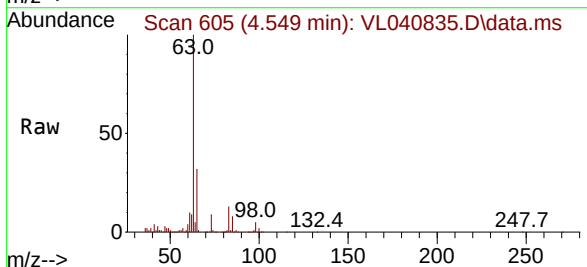
Manual Integrations
 APPROVED

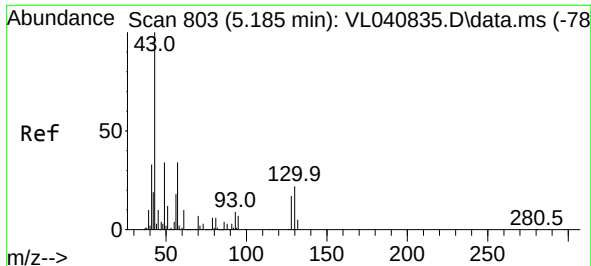
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 11.253 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

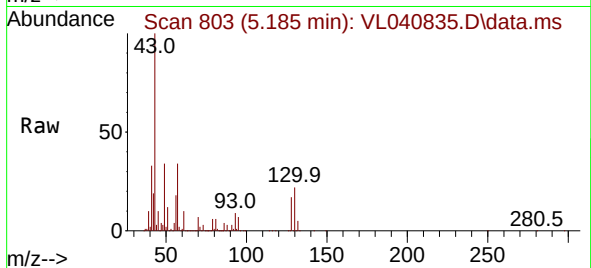
Tgt Ion: 63 Resp: 1396068
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.2 6.6
 100 2.0 1.0 3.0





#25
Ethyl Acetate
Concen: 9.096 ppbv
RT: 5.185 min Scan# 803
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

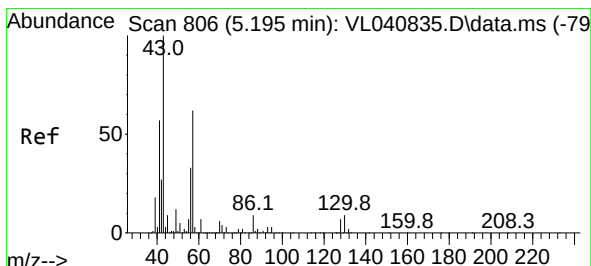
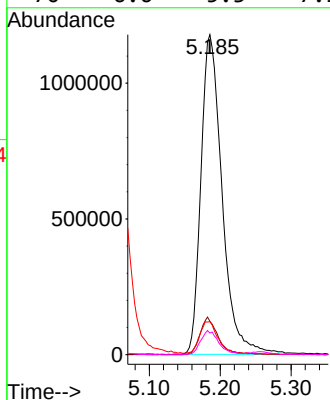
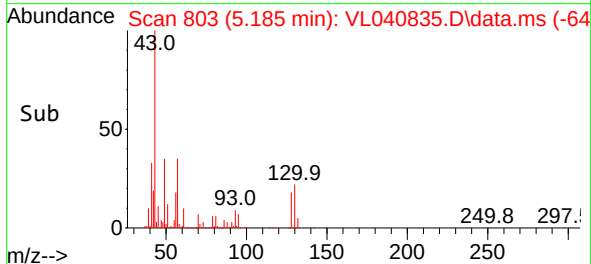
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



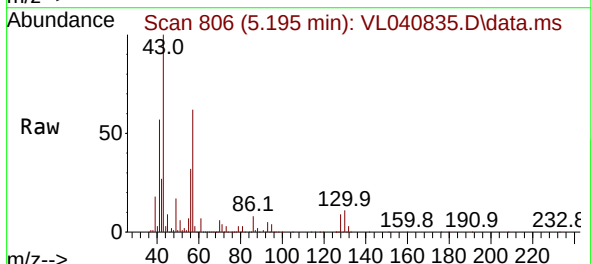
Tgt Ion: 43 Resp: 243836
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.7 7.8 11.6
70 6.6 5.3 7.9

Manual Integrations
APPROVED

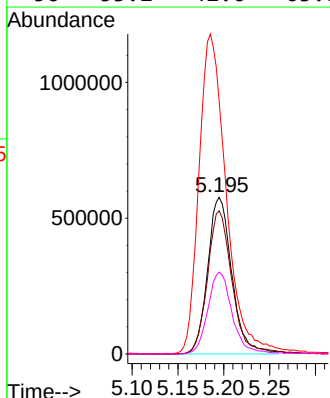
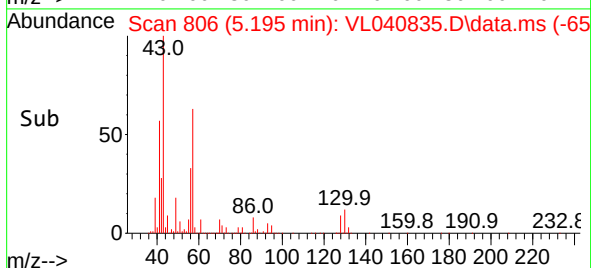
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

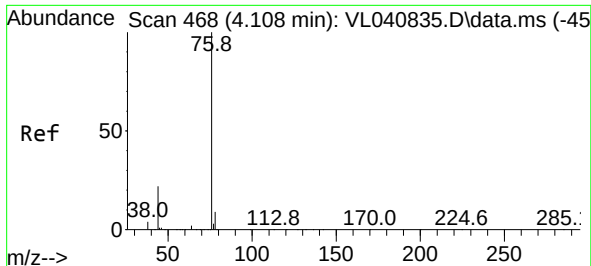


#26
Hexane
Concen: 8.668 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



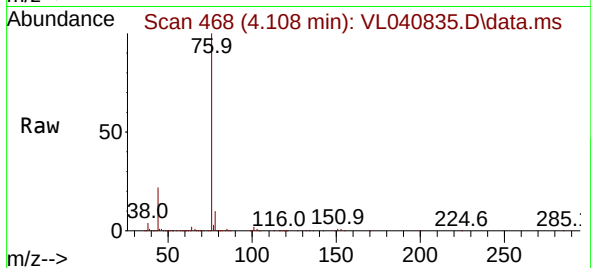
Tgt Ion: 57 Resp: 1058240
Ion Ratio Lower Upper
57 100
41 94.2 75.2 112.8
43 232.4 185.4 278.2
56 53.2 42.6 63.8





#27
Carbon Disulfide
Concen: 10.200 ppbv
RT: 4.108 min Scan# 468
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

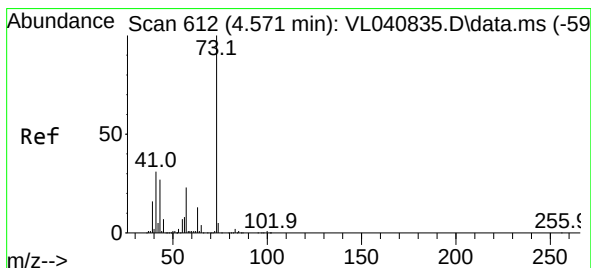
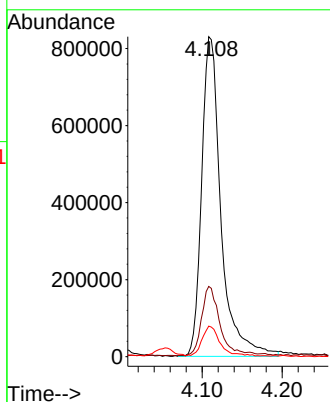
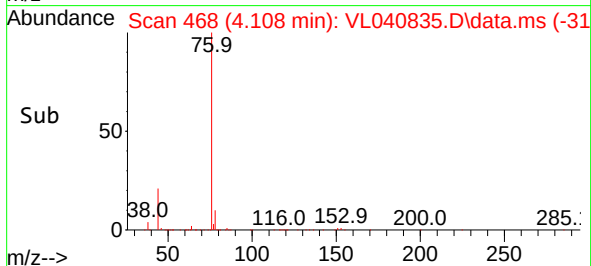
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 1396960
Ion Ratio Lower Upper
76 100
44 20.9 16.6 24.8
78 9.5 7.7 11.5

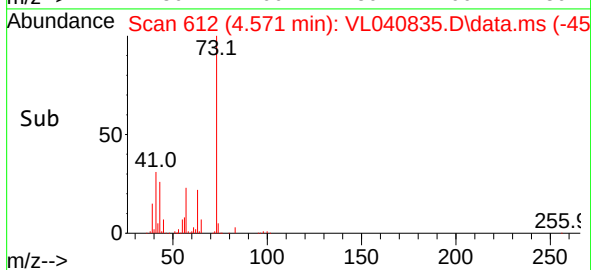
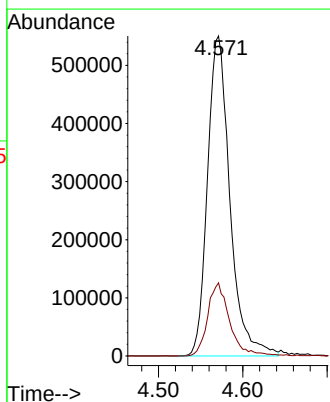
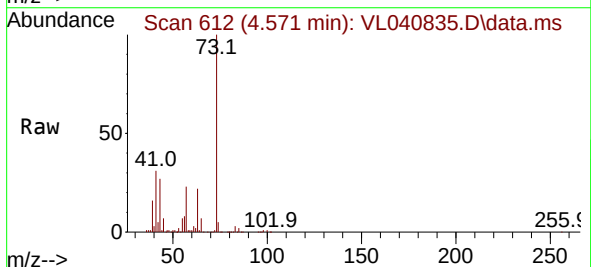
Manual Integrations
APPROVED

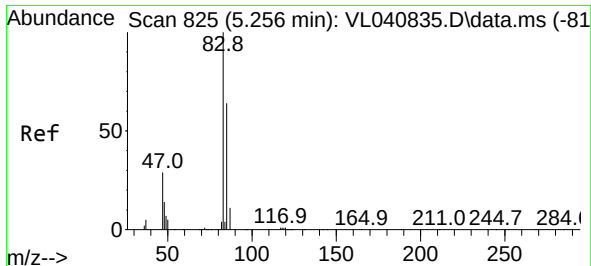
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#28
Methyl tert-Butyl Ether
Concen: 10.388 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 73 Resp: 1018593
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0





#29

Chloroform

Concen: 9.926 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1798880

Ion Ratio Lower Upper

83 100

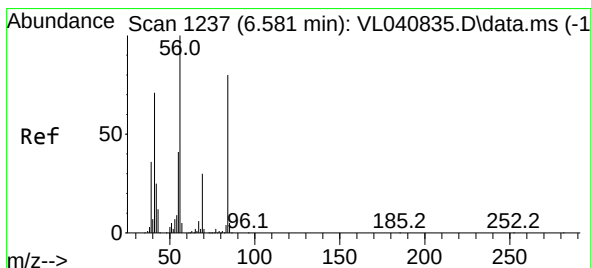
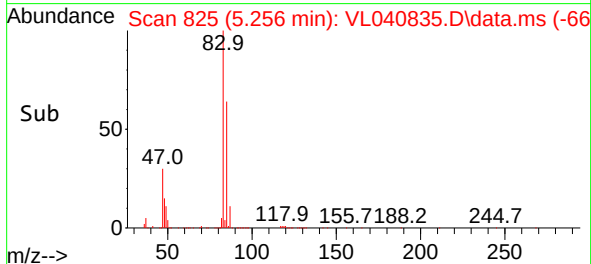
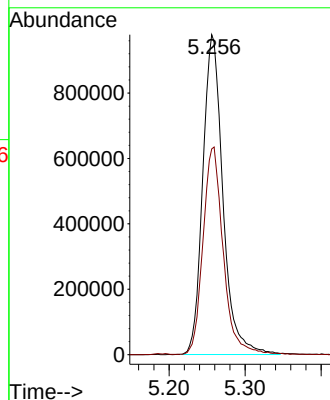
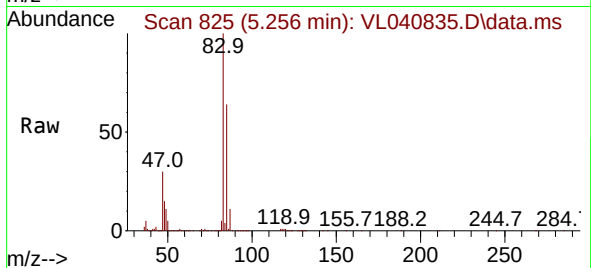
85 64.2 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Cyclohexane

Concen: 8.879 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

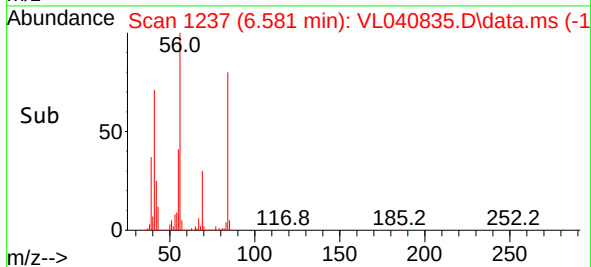
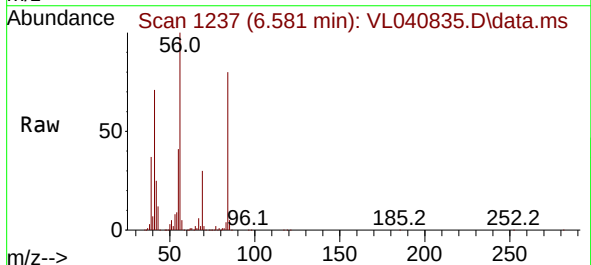
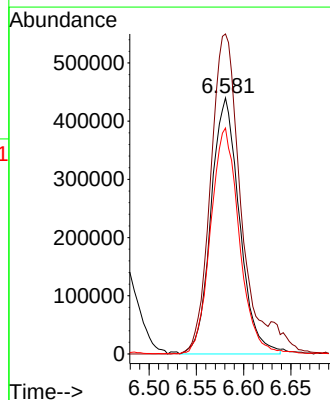
Tgt Ion: 84 Resp: 920025

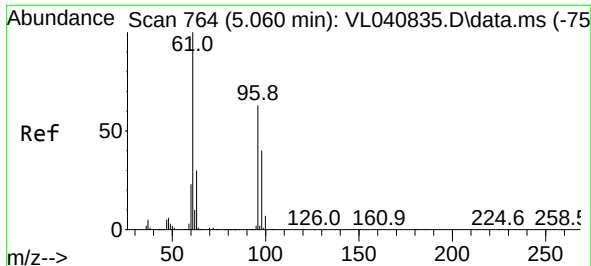
Ion Ratio Lower Upper

84 100

56 136.6 109.3 163.9

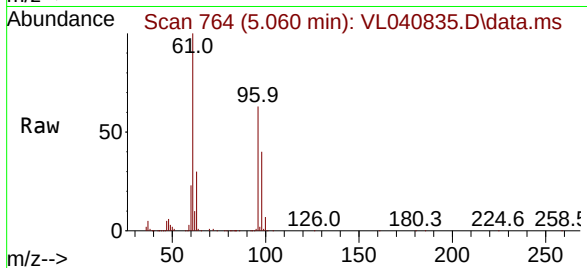
41 89.3 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 9.876 ppbv
RT: 5.060 min Scan# 764
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

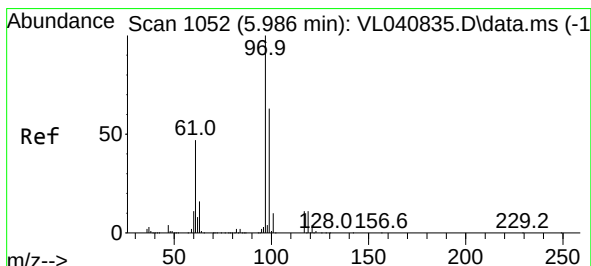
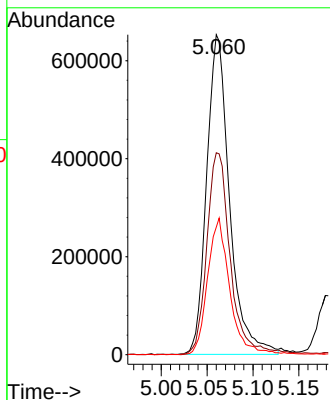
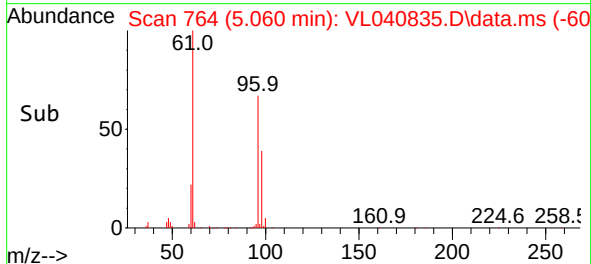
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



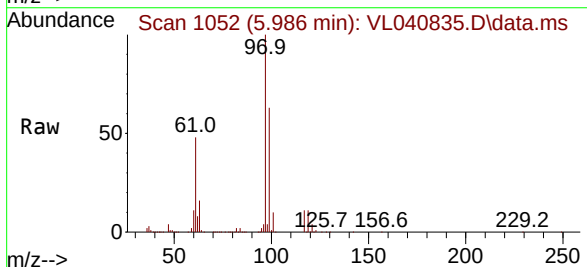
Tgt Ion: 61 Resp: 112941
Ion Ratio Lower Upper
61 100
96 63.1 50.5 75.7
98 39.9 31.9 47.9

Manual Integrations
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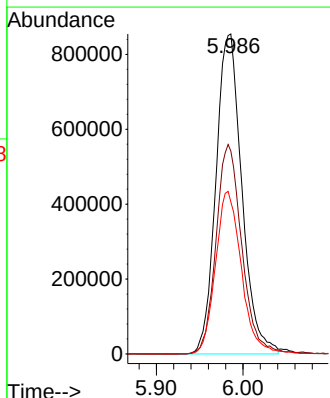
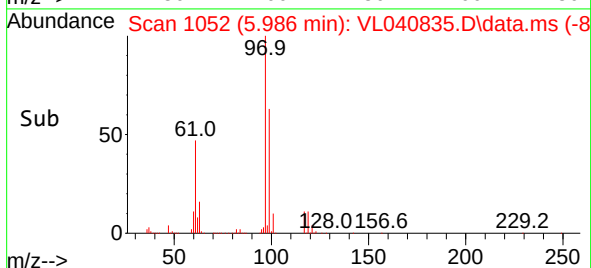
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

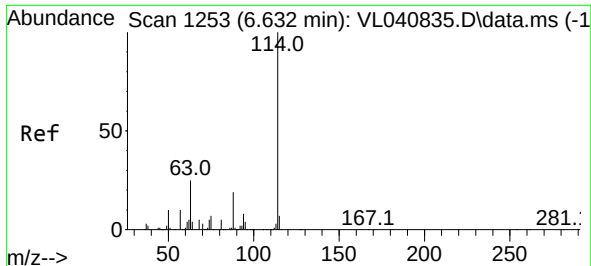


#32
1,1,1-Trichloroethane
Concen: 9.311 ppbv
RT: 5.986 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



Tgt Ion: 97 Resp: 1776147
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.4
61 51.2 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 302565

Ion Ratio Lower Upper

114 100

63 26.1 20.7 31.1

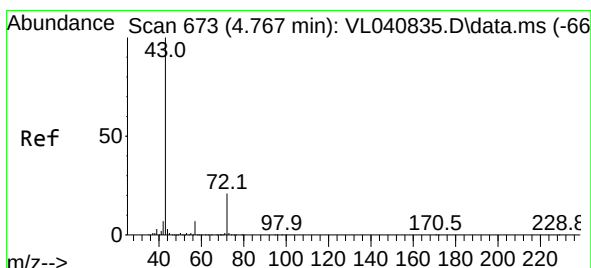
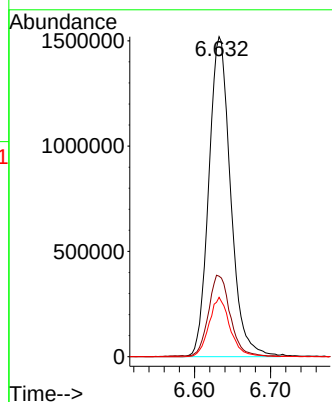
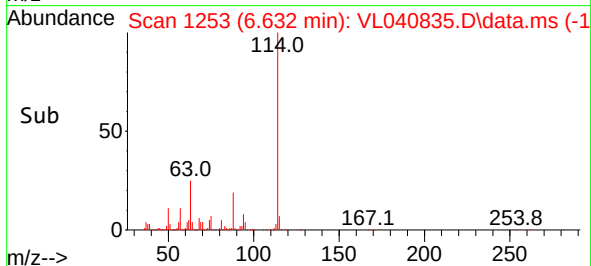
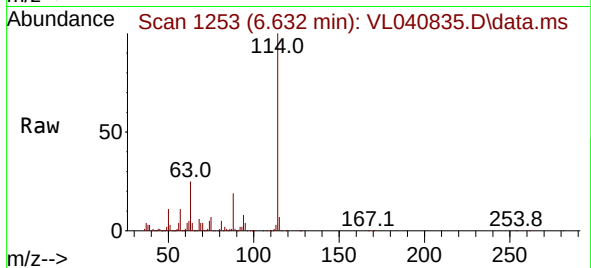
88 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#34

2-Butanone

Concen: 10.719 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.000 min

Lab File: VL040835.D

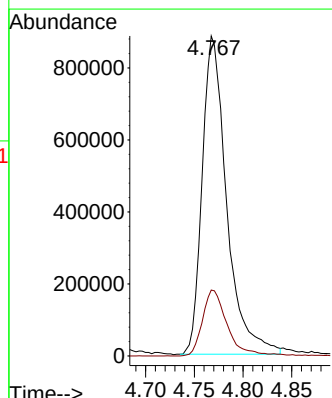
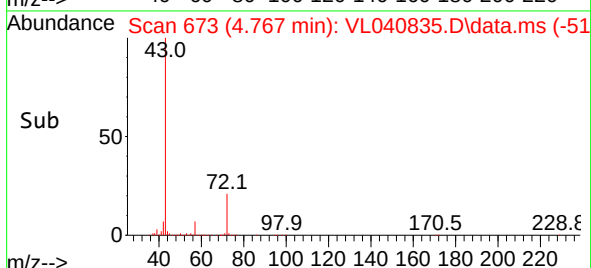
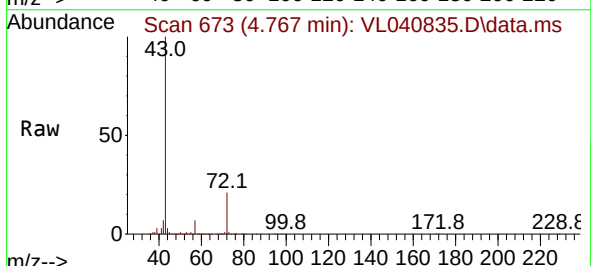
Acq: 13 Nov 2023 10:45

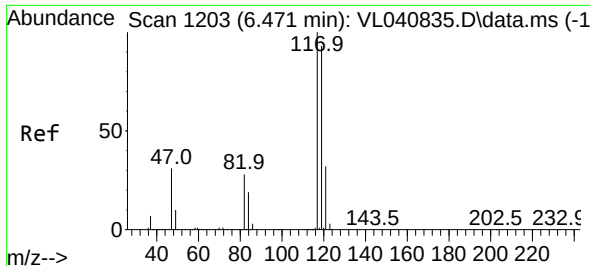
Tgt Ion: 43 Resp: 1547984

Ion Ratio Lower Upper

43 100

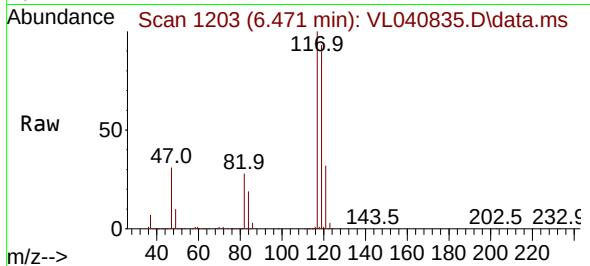
72 21.5 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.868 ppbv
RT: 6.471 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

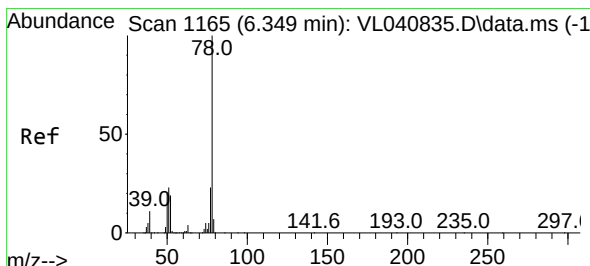
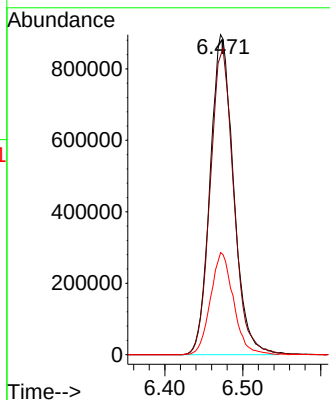
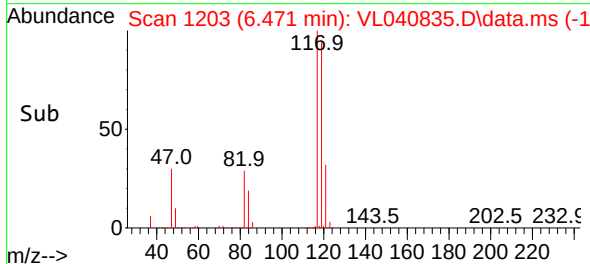
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



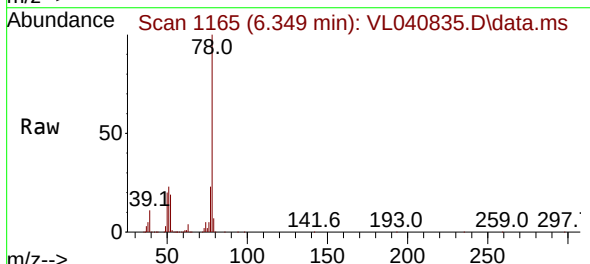
Tgt Ion: 117 Resp: 1875950
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
121 31.9 25.5 38.3

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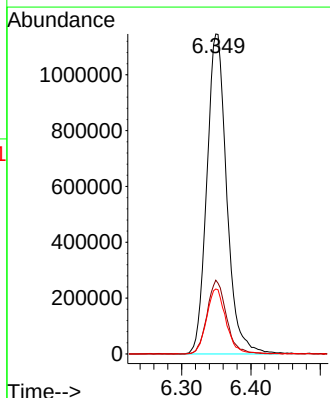
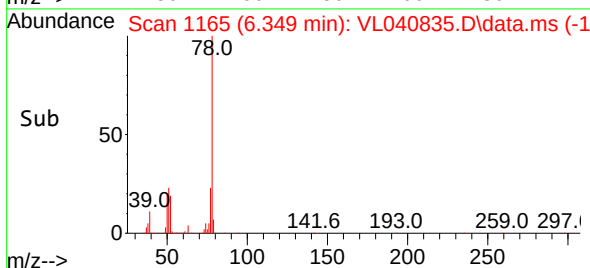
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

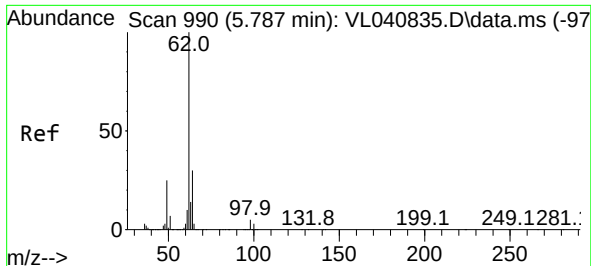


#36
Benzene
Concen: 9.792 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



Tgt Ion: 78 Resp: 2277855
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6
50 20.2 16.2 24.2





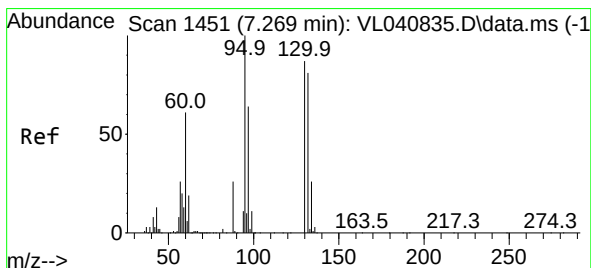
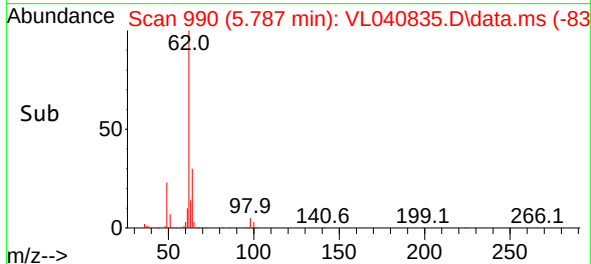
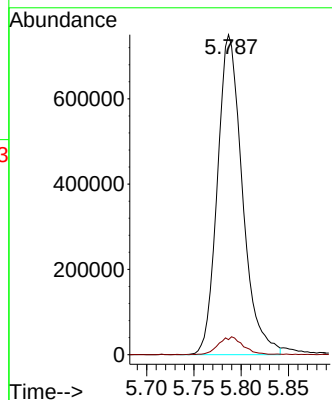
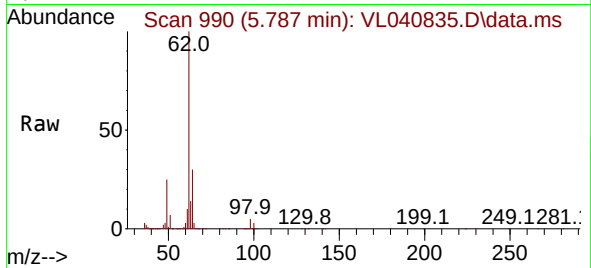
#37
1,2-Dichloroethane
Concen: 11.248 ppbv
RT: 5.787 min Scan# 990
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 138010
Ion Ratio Lower Upper
62 100
98 5.7 4.6 6.8

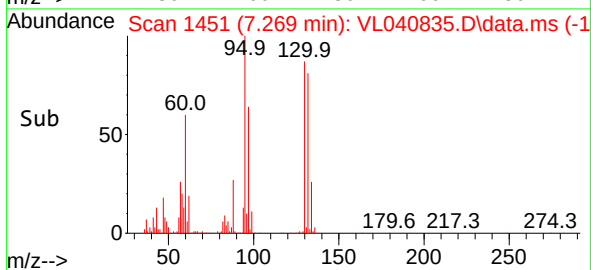
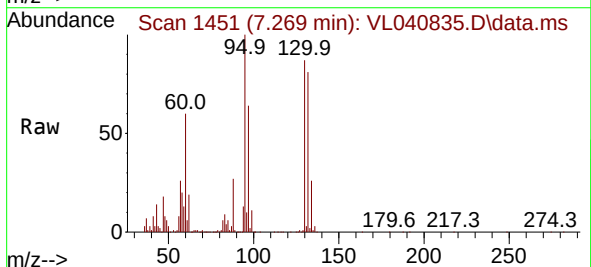
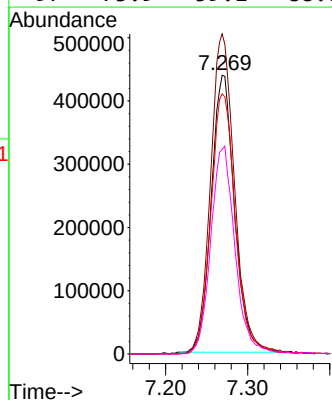
Manual Integrations
APPROVED

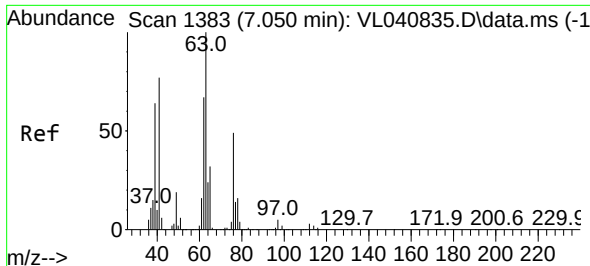
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#38
Trichloroethene
Concen: 8.430 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:130 Resp: 865252
Ion Ratio Lower Upper
130 100
95 115.5 92.4 138.6
132 93.9 75.1 112.7
97 73.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.898 ppbv

RT: 7.050 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

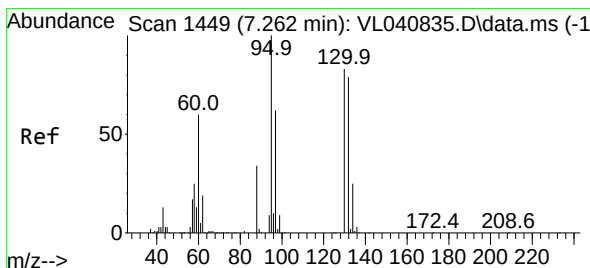
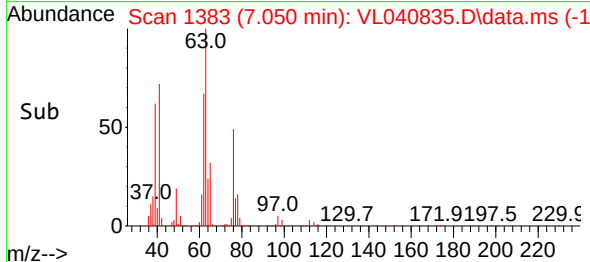
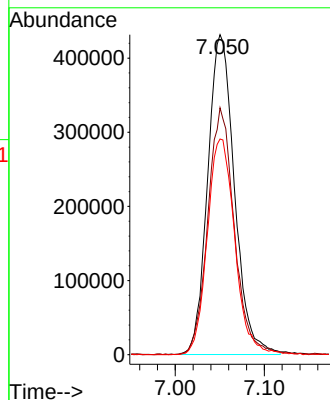
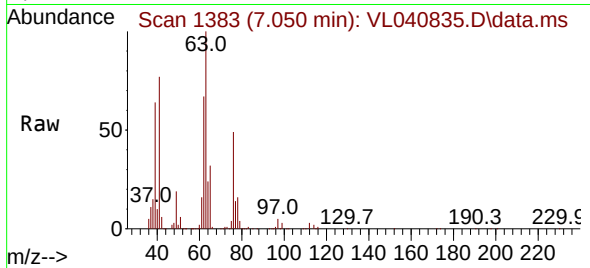
VSTDICCC010

Tgt Ion:	63	Resp:	90004
Ion	Ratio	Lower	Upper
63	100		
41	76.9	61.5	92.3
62	67.4	53.9	80.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#40

1,4-Dioxane

Concen: 9.662 ppbv

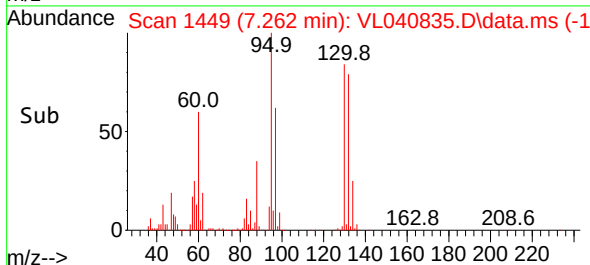
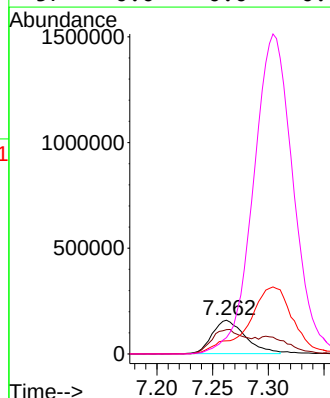
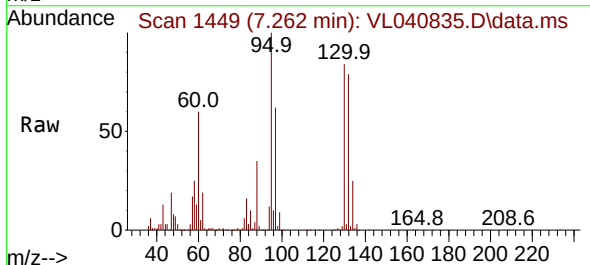
RT: 7.262 min Scan# 1449

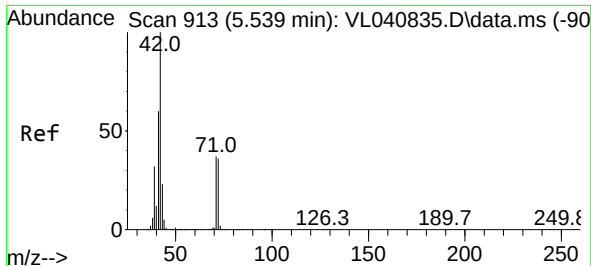
Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Tgt Ion:	88	Resp:	329235
Ion	Ratio	Lower	Upper
88	100		
58	126.3	101.5	152.3
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.934 ppbv

RT: 5.539 min Scan# 913

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 42 Resp: 935610

Ion Ratio Lower Upper

42 100

72 38.5 30.8 46.2

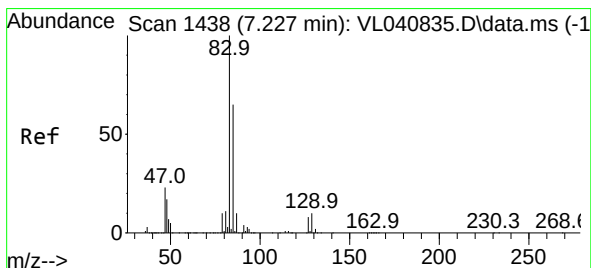
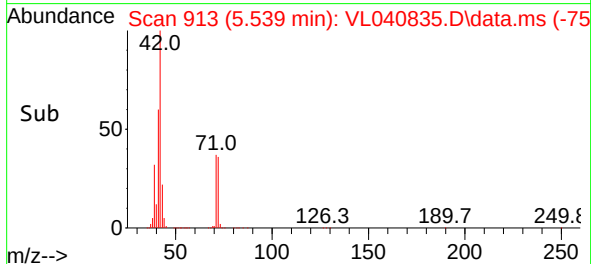
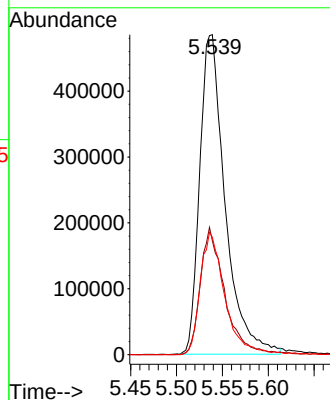
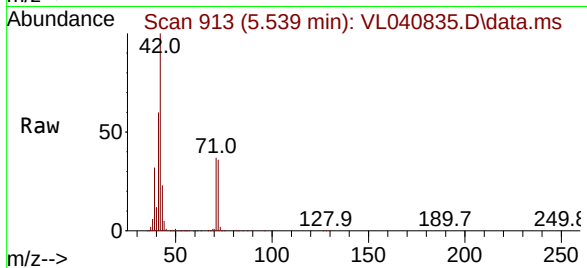
71 37.5 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#42

Bromodichloromethane

Concen: 10.961 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

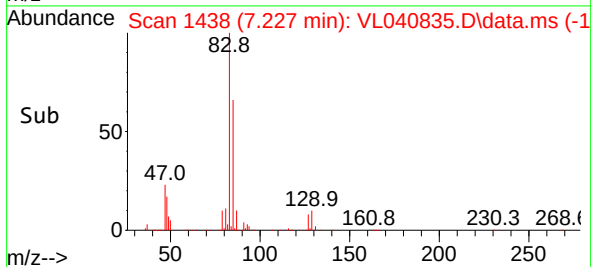
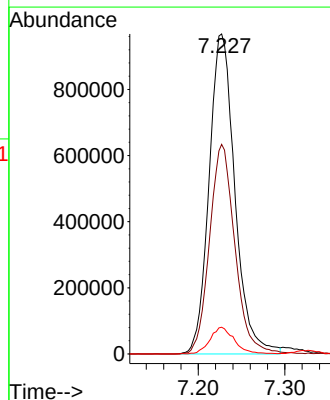
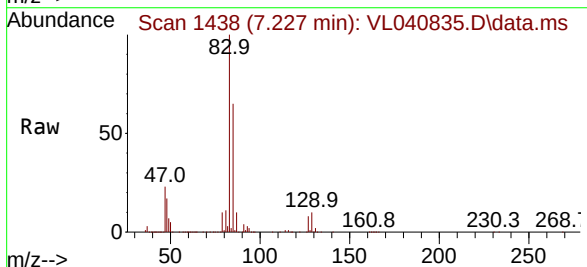
Tgt Ion: 83 Resp: 2003369

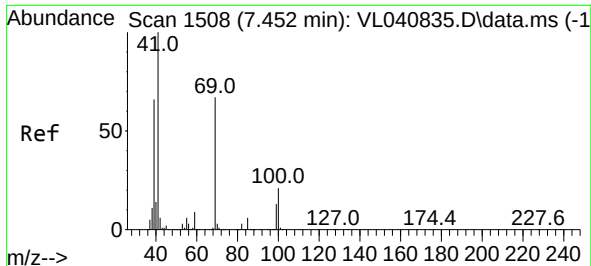
Ion Ratio Lower Upper

83 100

85 65.4 52.3 78.5

127 8.3 6.6 10.0





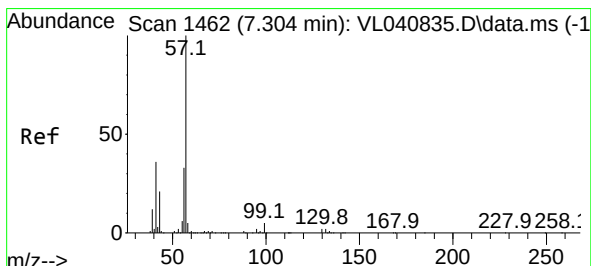
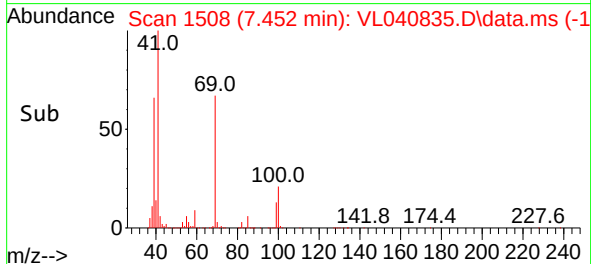
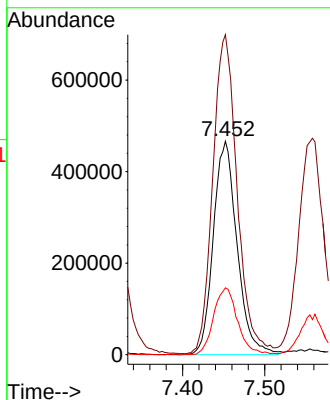
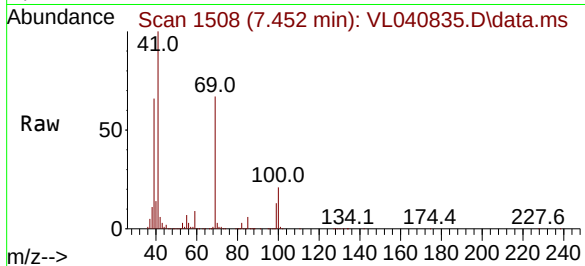
#43
Methyl Methacrylate
Concen: 10.100 ppbv
RT: 7.452 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 93944
Ion Ratio Lower Upper
69 100
41 153.7 123.5 185.3
100 31.8 25.4 38.2

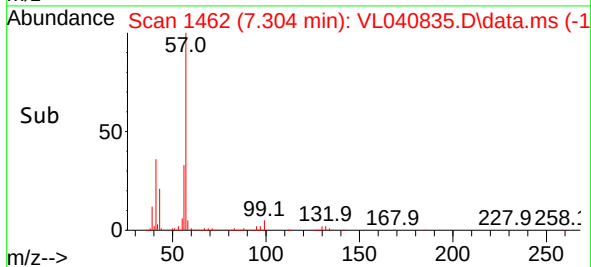
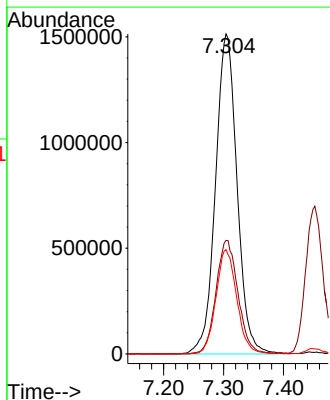
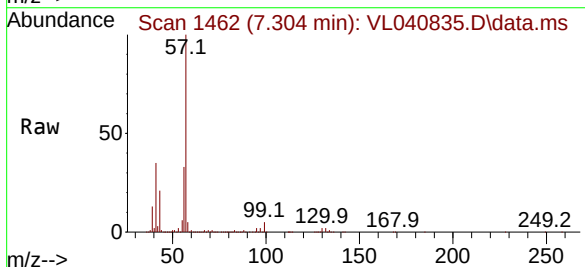
Manual Integrations
APPROVED

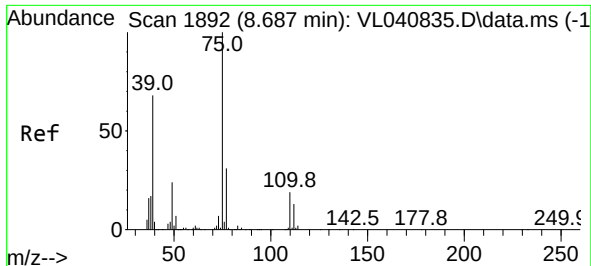
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
2,2,4-Trimethylpentane
Concen: 9.588 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

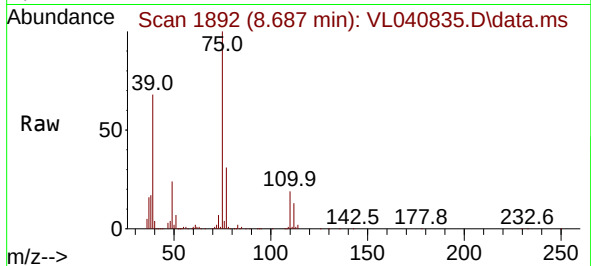
Tgt Ion: 57 Resp: 3774014
Ion Ratio Lower Upper
57 100
41 36.3 29.0 43.6
56 31.5 25.2 37.8





#45
 t-1,3-Dichloropropene
 Concen: 8.620 ppbv
 RT: 8.687 min Scan# 1892
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

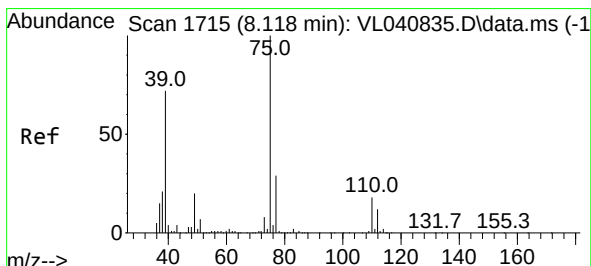
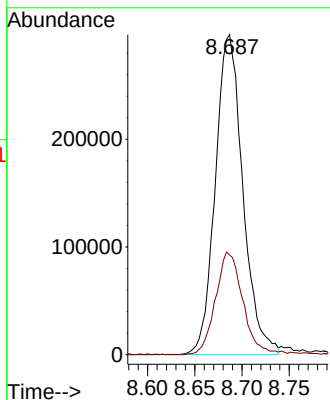
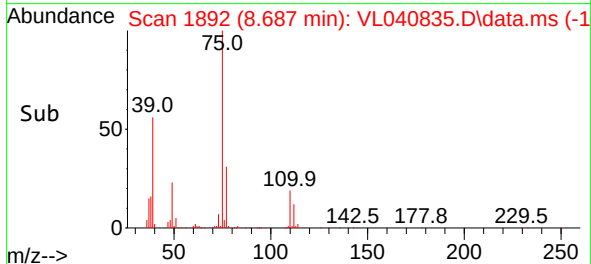
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



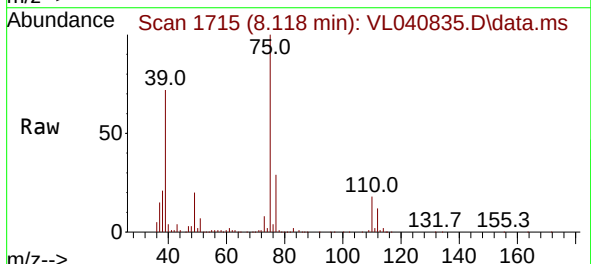
Tgt Ion: 75 Resp: 60145
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3

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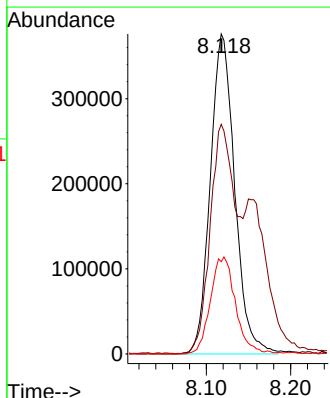
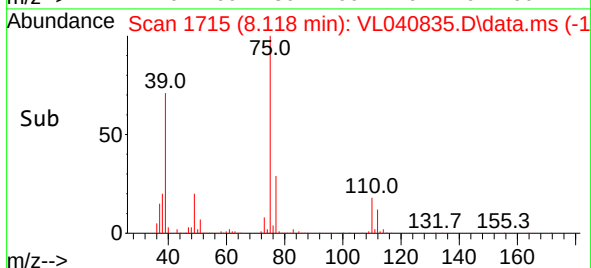
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

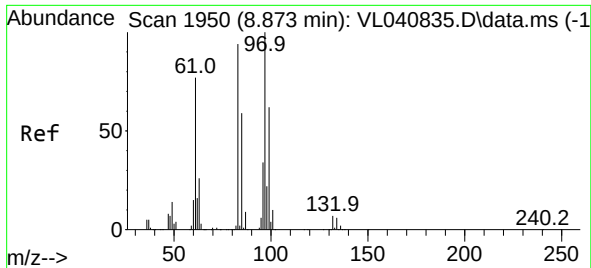


#46
 cis-1,3-Dichloropropene
 Concen: 8.716 ppbv
 RT: 8.118 min Scan# 1715
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45



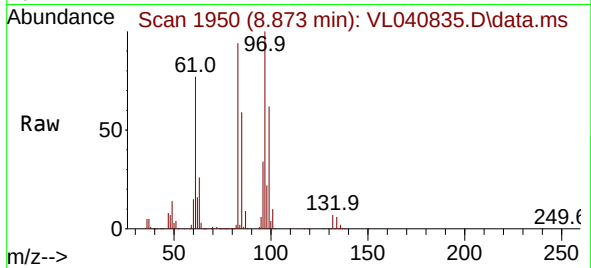
Tgt Ion: 75 Resp: 756595
 Ion Ratio Lower Upper
 75 100
 39 71.6 57.3 85.9
 77 28.8 23.0 34.6





#47
1,1,2-Trichloroethane
Concen: 9.884 ppbv
RT: 8.873 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

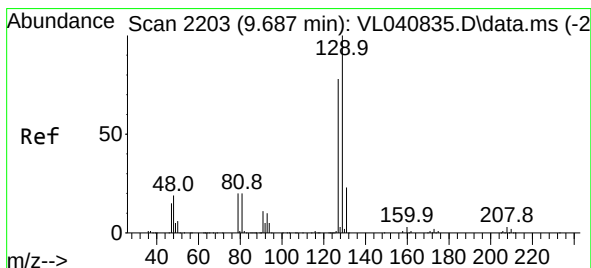
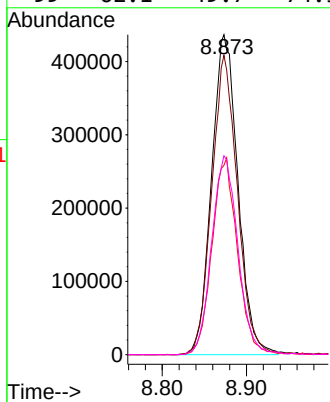
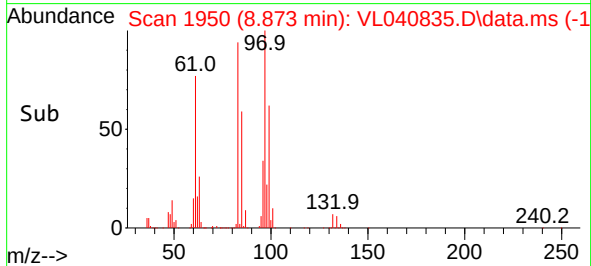
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 946829
Ion Ratio Lower Upper
97 100
83 93.5 74.8 112.2
85 59.2 47.4 71.0
99 62.1 49.7 74.5

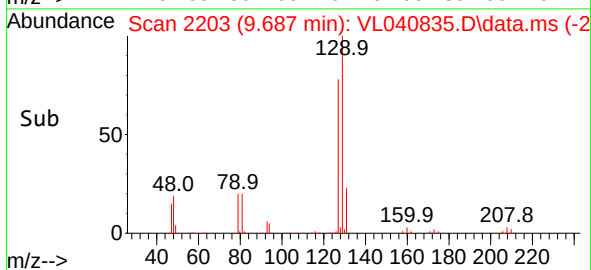
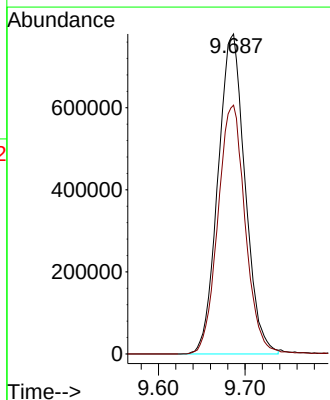
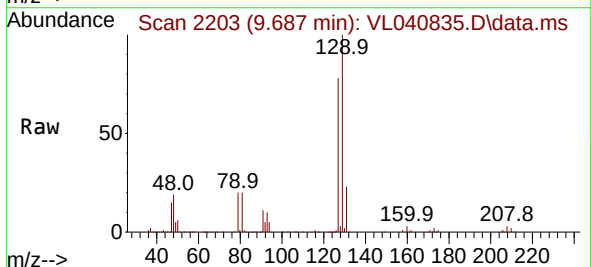
Manual Integrations
APPROVED

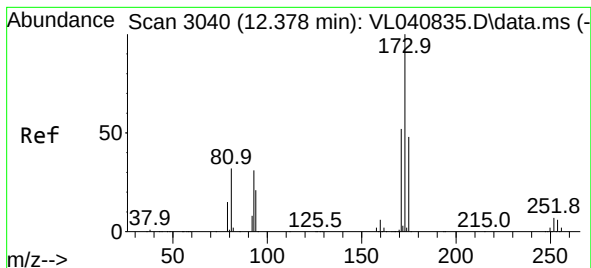
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Dibromochloromethane
Concen: 10.499 ppbv
RT: 9.687 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:129 Resp: 1693421
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9





#49

Bromoform

Concen: 10.264 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 131885

Ion Ratio Lower Upper

173 100

175 48.8 39.1 58.7

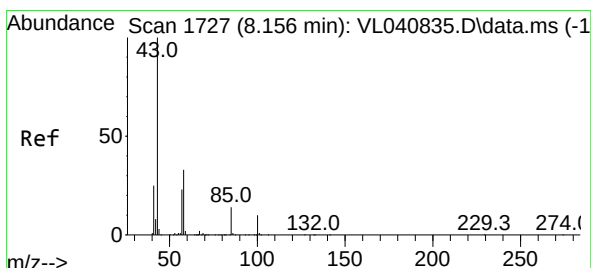
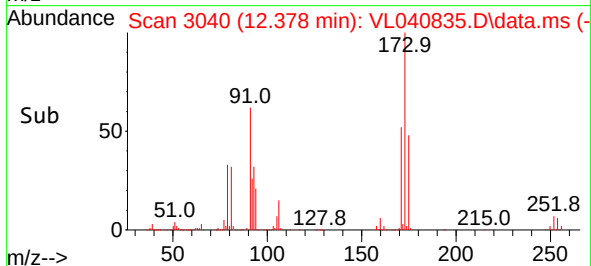
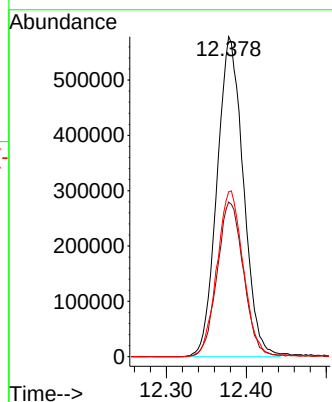
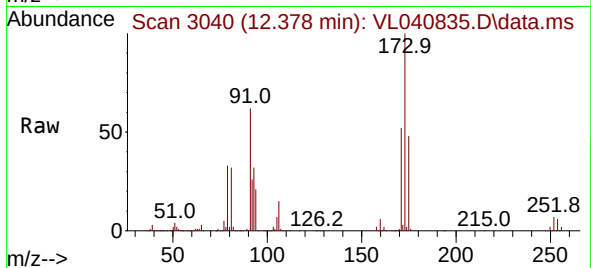
171 52.2 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#50

4-Methyl-2-Pentanone

Concen: 10.070 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL040835.D

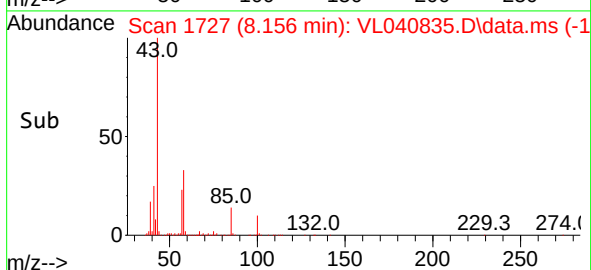
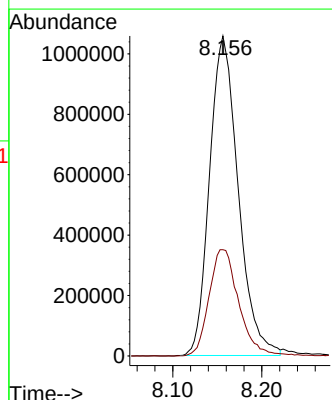
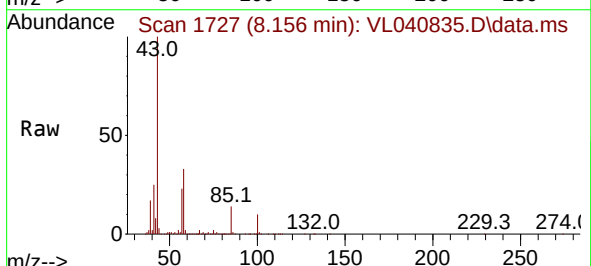
Acq: 13 Nov 2023 10:45

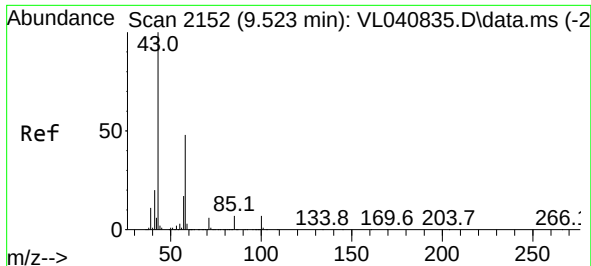
Tgt Ion: 43 Resp: 2363261

Ion Ratio Lower Upper

43 100

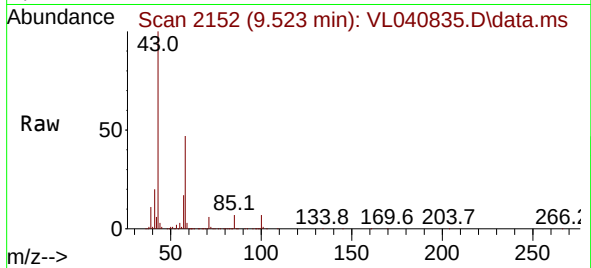
58 34.7 27.7 41.5





#51
2-Hexanone
Concen: 9.892 ppbv
RT: 9.523 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

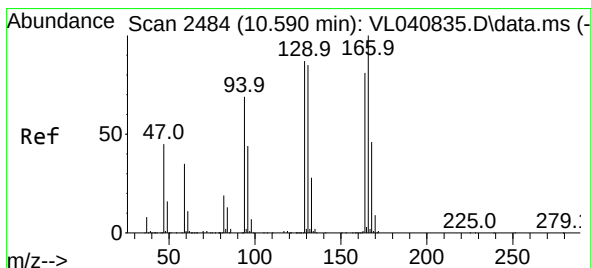
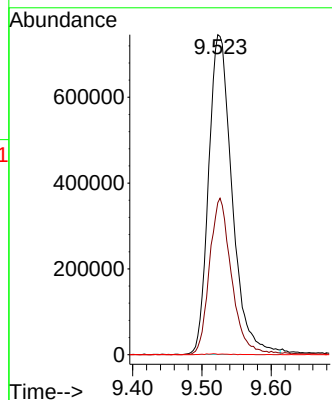
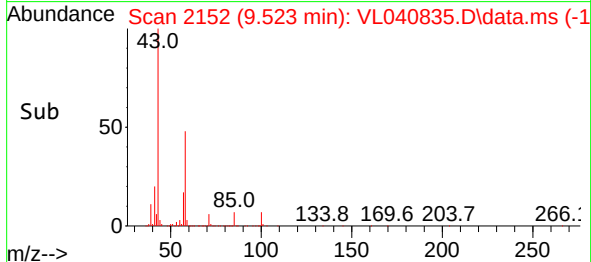
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 1753363
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.0
98 0.2 0.2 0.4

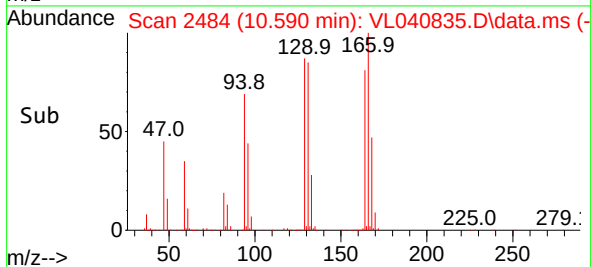
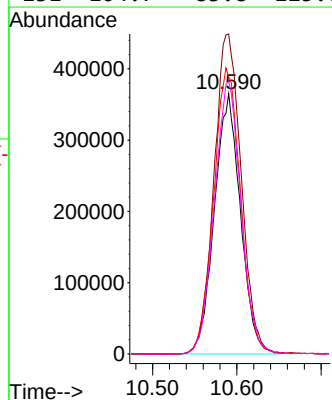
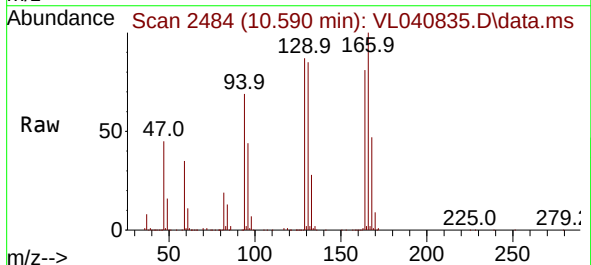
Manual Integrations
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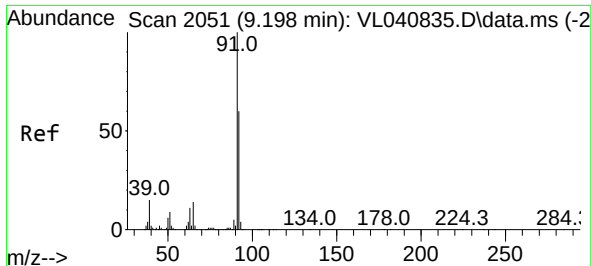
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Tetrachloroethene
Concen: 8.385 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

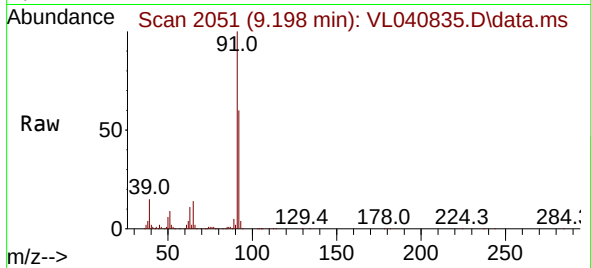
Tgt Ion:164 Resp: 783363
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 106.4 85.1 127.7
131 104.7 83.8 125.6





#53
Toluene
Concen: 9.408 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

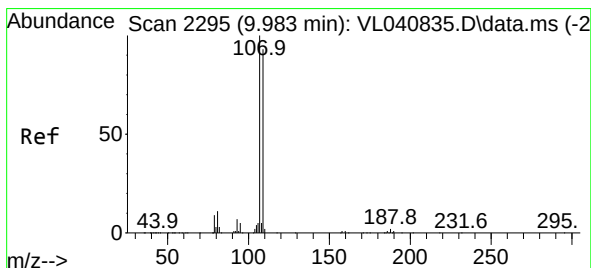
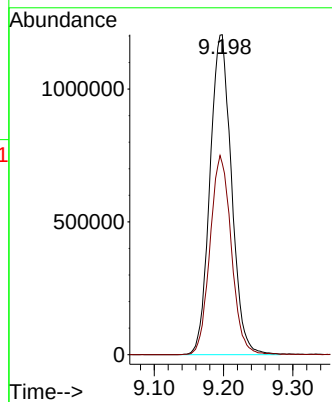
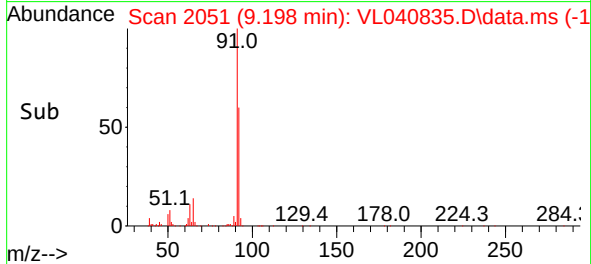
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



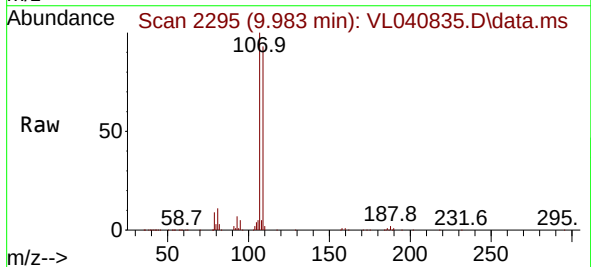
Tgt Ion: 91 Resp: 2596578
Ion Ratio Lower Upper
91 100
92 61.8 49.4 74.2

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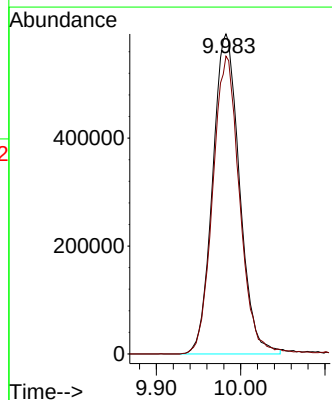
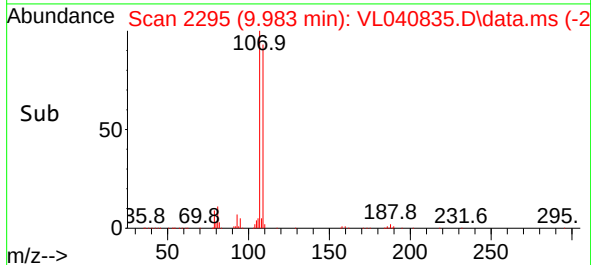
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

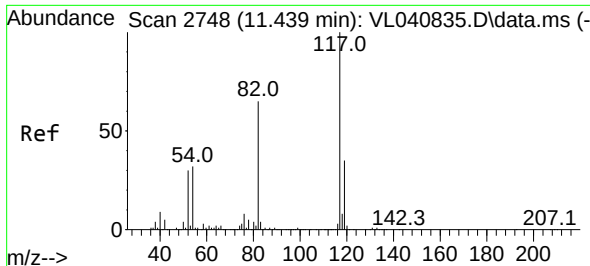


#54
1,2-Dibromoethane
Concen: 9.855 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



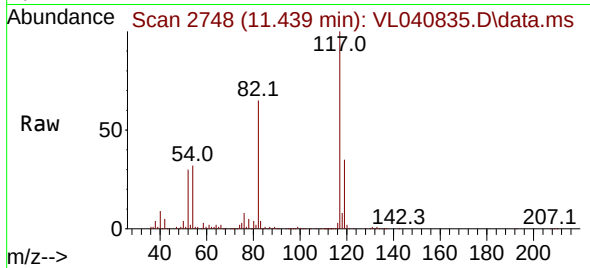
Tgt Ion:107 Resp: 1312340
Ion Ratio Lower Upper
107 100
109 93.1 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

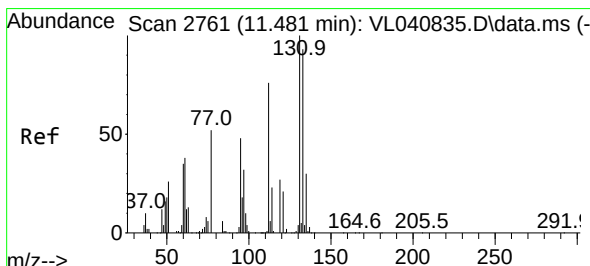
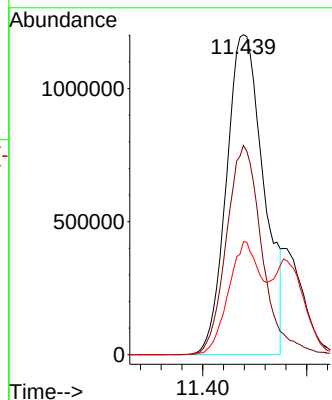
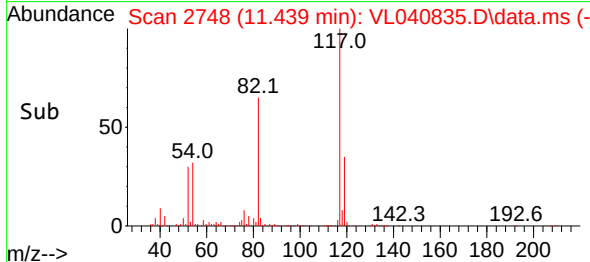
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



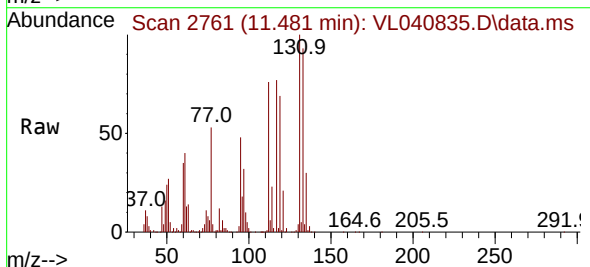
Tgt Ion:117 Resp: 2993300
Ion Ratio Lower Upper
117 100
82 63.2 50.6 75.8
119 29.1 23.3 34.9

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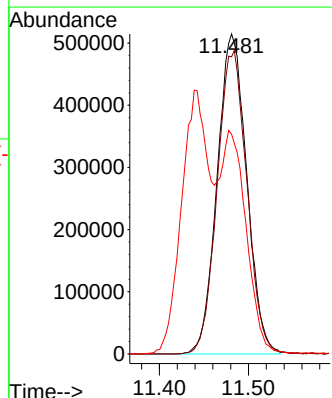
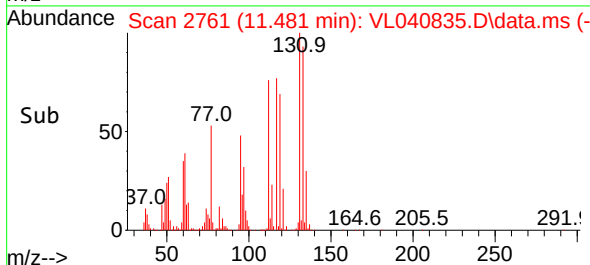
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

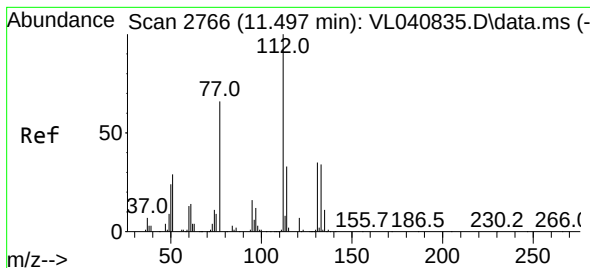


#56
1,1,1,2-Tetrachloroethane
Concen: 9.605 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



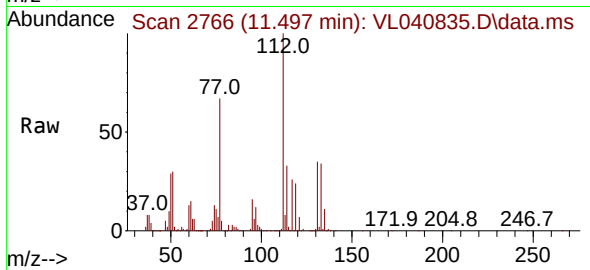
Tgt Ion:131 Resp: 1183790
Ion Ratio Lower Upper
131 100
133 95.5 76.5 114.7
119 63.9 47.2 70.8





#57
Chlorobenzene
Concen: 9.202 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

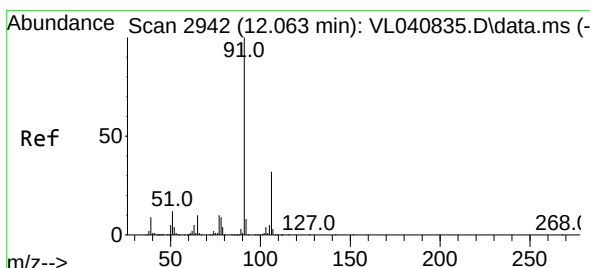
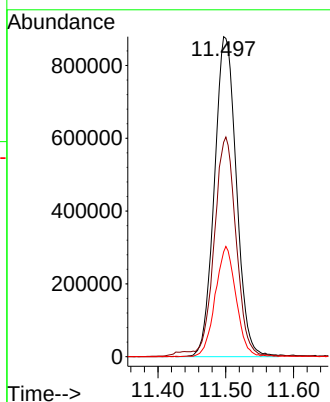
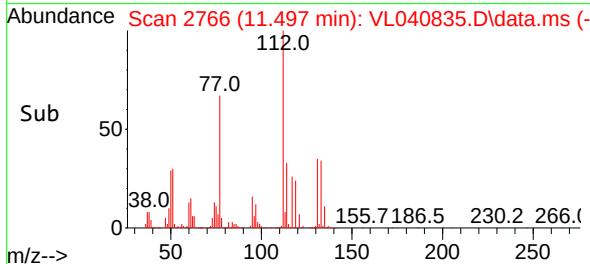
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



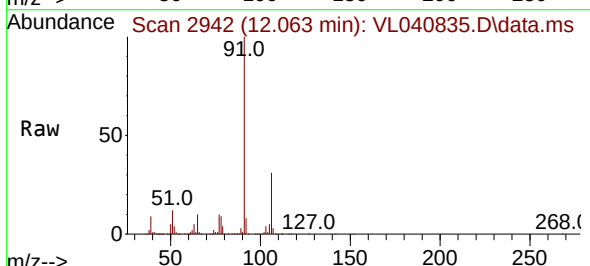
Tgt Ion:112 Resp: 198334
Ion Ratio Lower Upper
112 100
77 66.6 53.3 79.9
114 32.6 29.3 35.9

Manual Integrations
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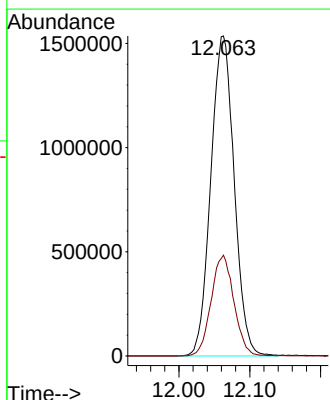
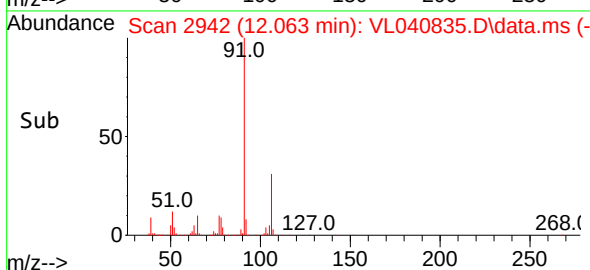
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

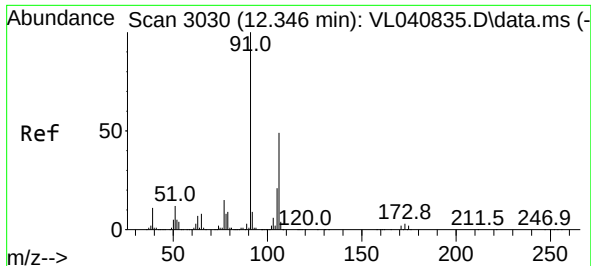


#58
Ethyl Benzene
Concen: 9.266 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



Tgt Ion: 91 Resp: 3520752
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8





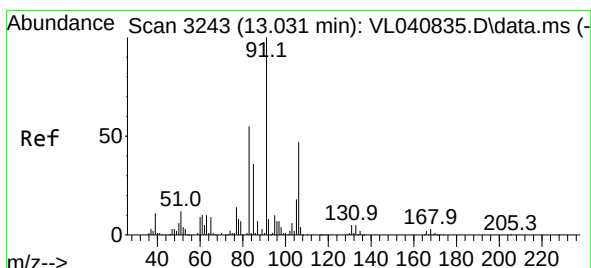
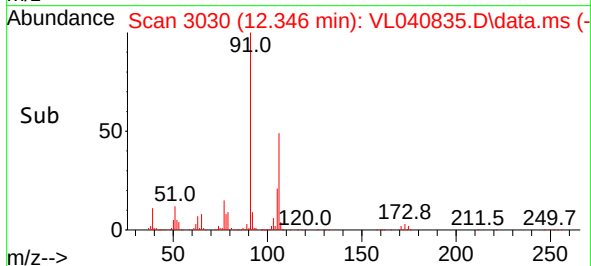
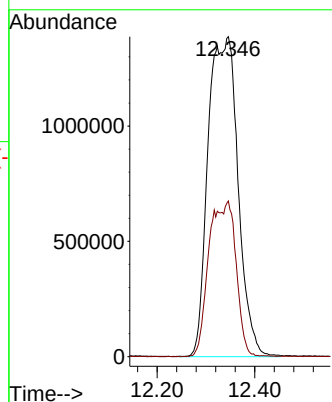
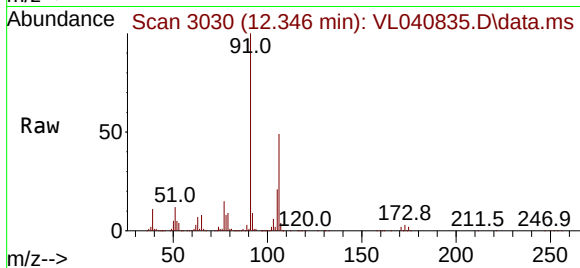
#59
m/p-Xylene
Concen: 18.794 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 590085
Ion Ratio Lower Upper
91 100
106 44.2 35.4 53.2

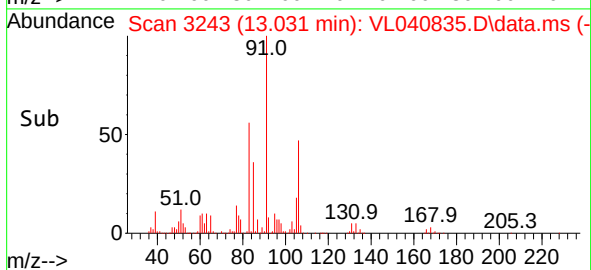
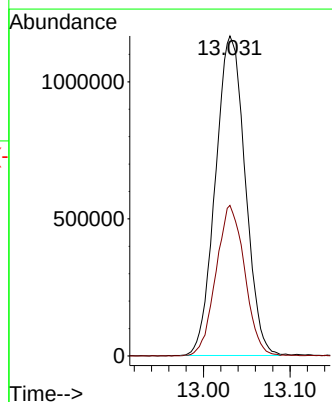
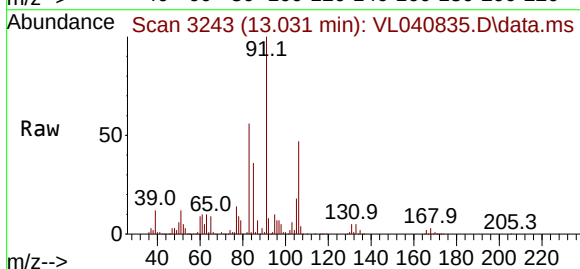
Manual Integrations
APPROVED

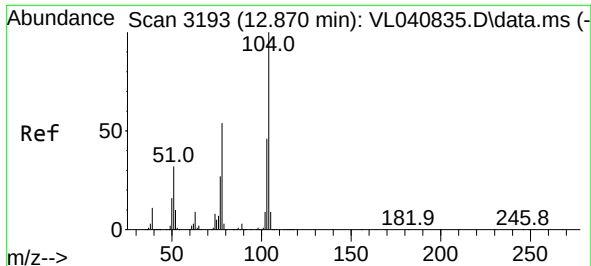
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
o-Xylene
Concen: 9.326 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 91 Resp: 2784914
Ion Ratio Lower Upper
91 100
106 45.7 22.9 68.7





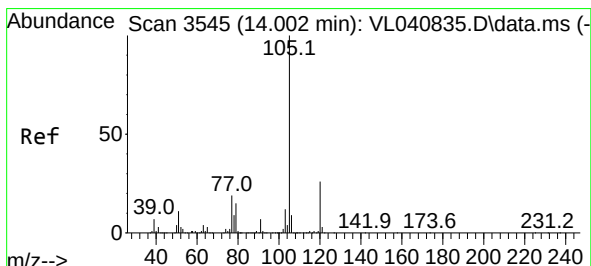
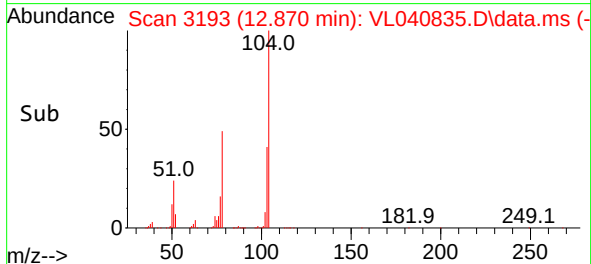
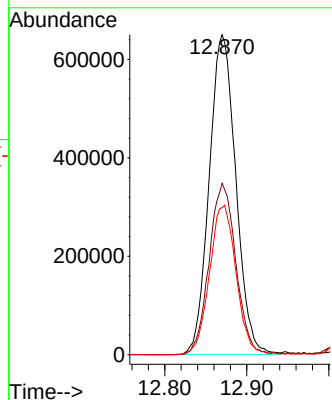
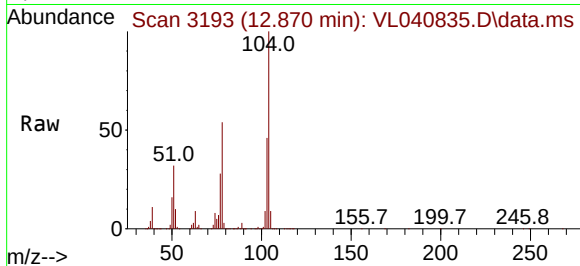
#61
Styrene
Concen: 9.041 ppbv
RT: 12.870 min Scan# 3193
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 146524
Ion Ratio Lower Upper
104 100
78 54.1 43.3 64.9
103 47.0 37.6 56.4

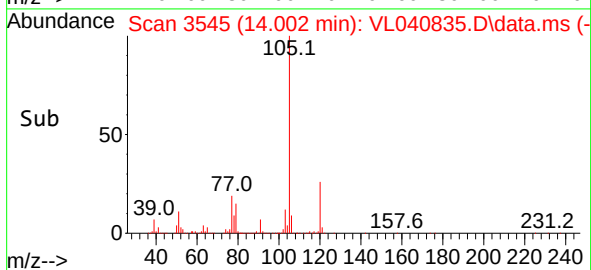
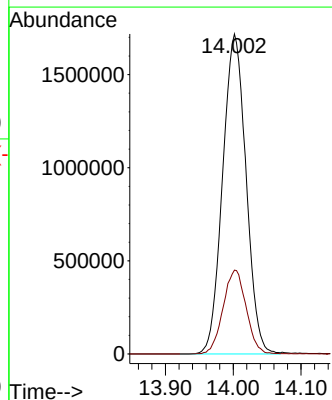
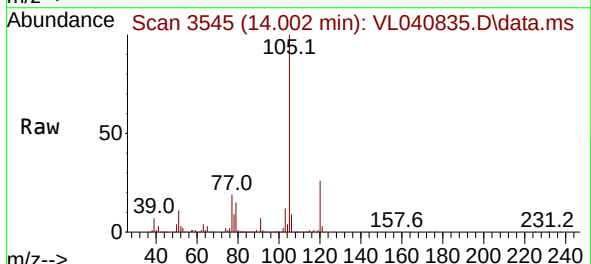
Manual Integrations
APPROVED

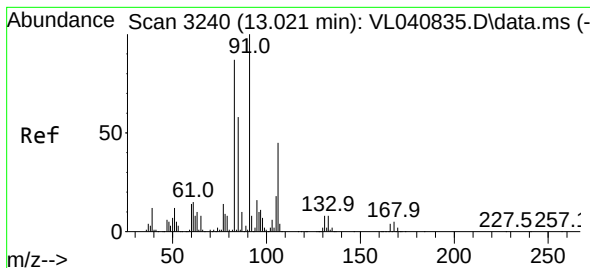
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#62
Isopropylbenzene
Concen: 9.013 ppbv
RT: 14.002 min Scan# 3545
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

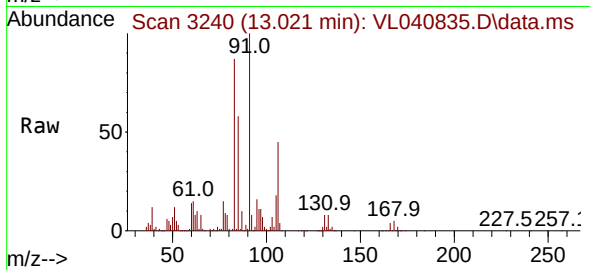
Tgt Ion:105 Resp: 4119988
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.975 ppbv
RT: 13.021 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

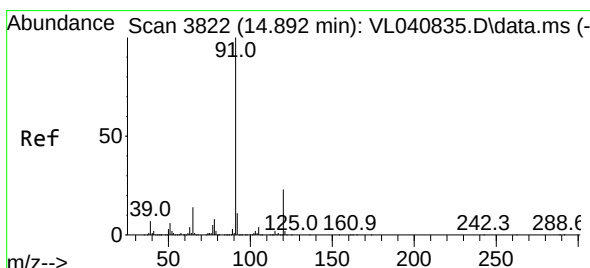
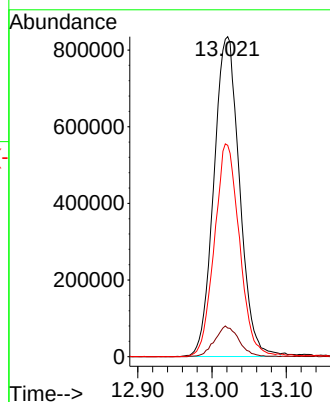
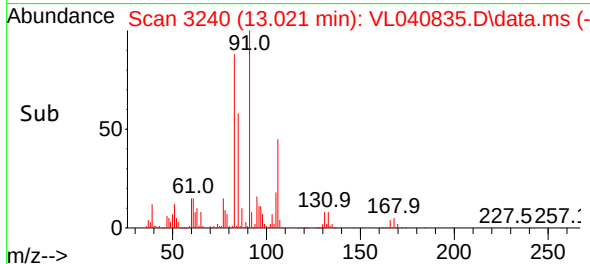
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



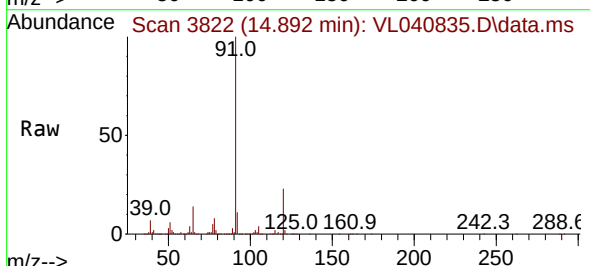
Tgt Ion: 83 Resp: 201007
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.8 32.6 98.0

Manual Integrations
APPROVED

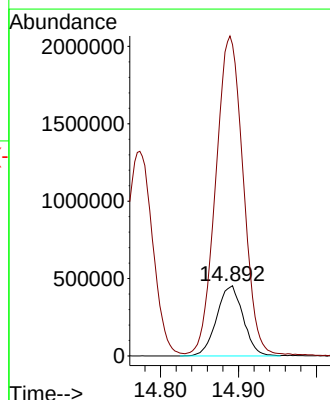
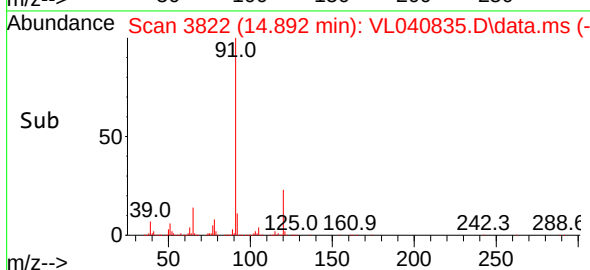
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

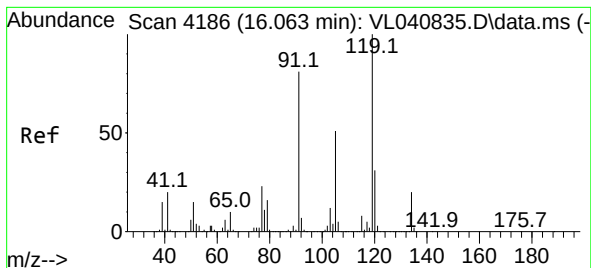


#64
n-propylbenzene
Concen: 8.823 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



Tgt Ion:120 Resp: 1070915
Ion Ratio Lower Upper
120 100
91 476.4 381.1 571.7





#65

tert-Butylbenzene

Concen: 8.594 ppbv

RT: 16.063 min Scan# 4186

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:119 Resp: 352675

Ion Ratio Lower Upper

119 100

91 84.4 67.5 101.3

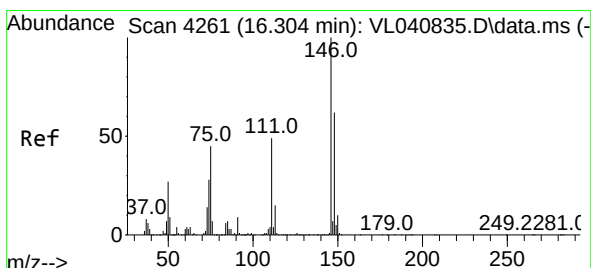
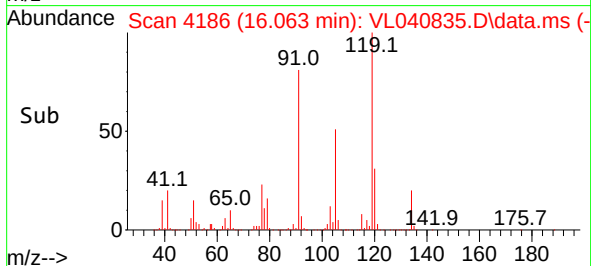
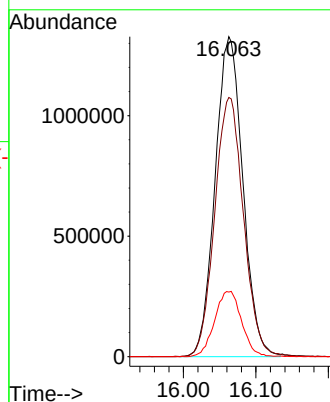
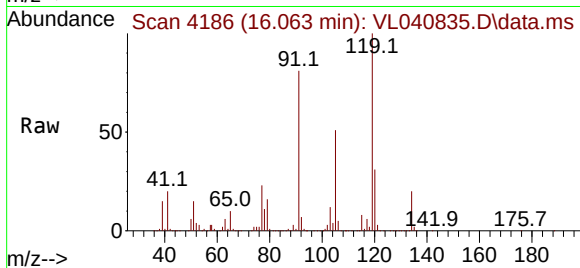
134 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#66

Benzyl Chloride

Concen: 4.127 ppbv m

RT: 16.304 min Scan# 4261

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

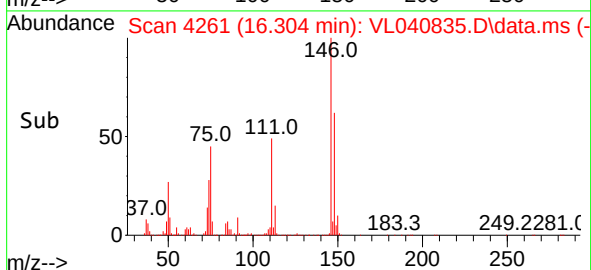
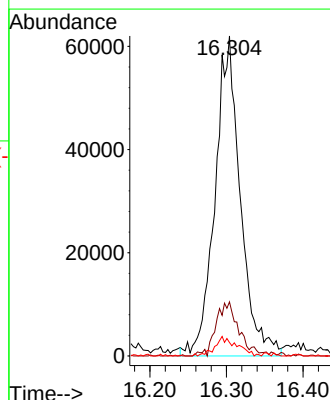
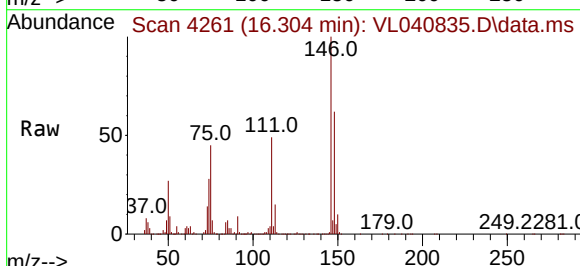
Tgt Ion: 91 Resp: 142657

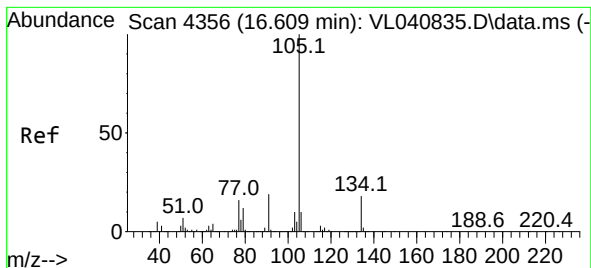
Ion Ratio Lower Upper

91 100

126 16.0 12.8 19.2

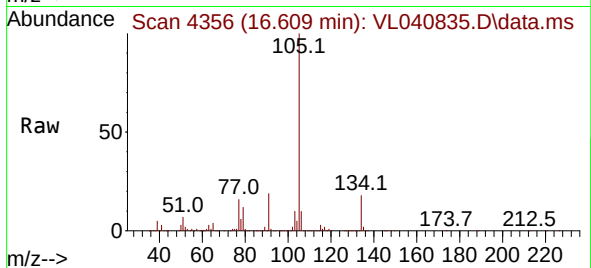
128 0.0 0.3 0.5





#67
 sec-Butylbenzene
 Concen: 8.834 ppbv
 RT: 16.609 min Scan# 4356
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

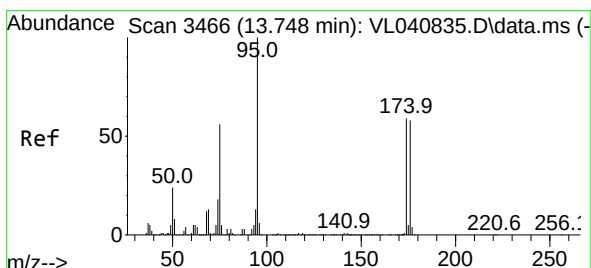
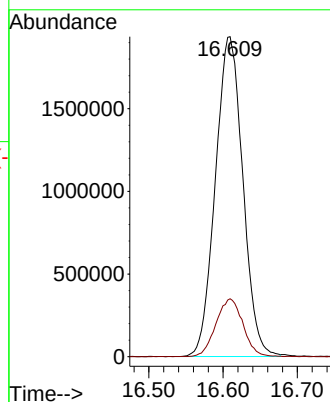
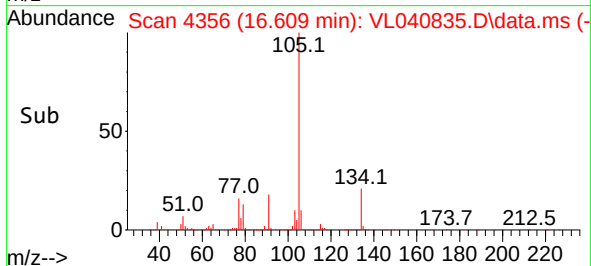
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



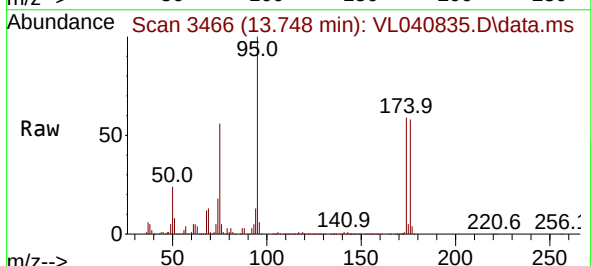
Tgt Ion:105 Resp: 497435
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

Manual Integrations
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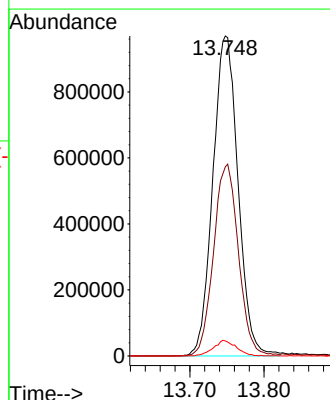
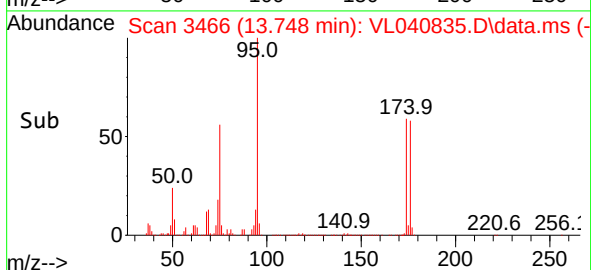
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

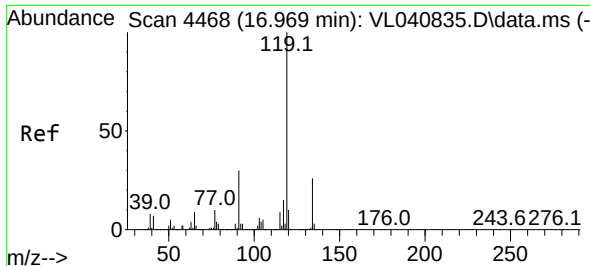


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.267 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45



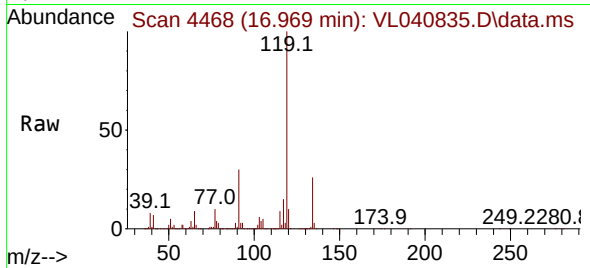
Tgt Ion: 95 Resp: 2287523
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.9 71.9
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 8.603 ppbv
RT: 16.969 min Scan# 4468
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

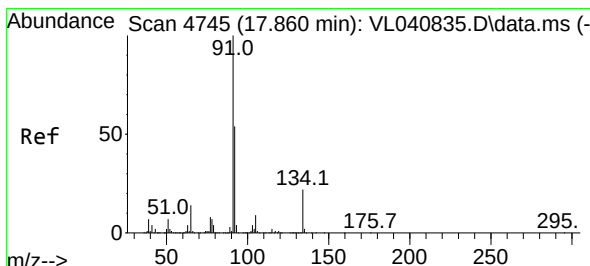
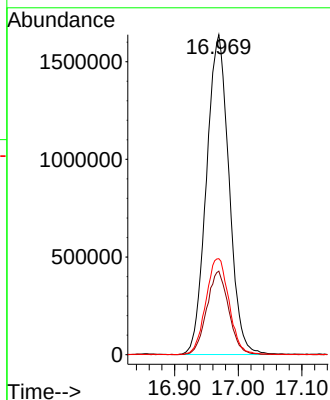
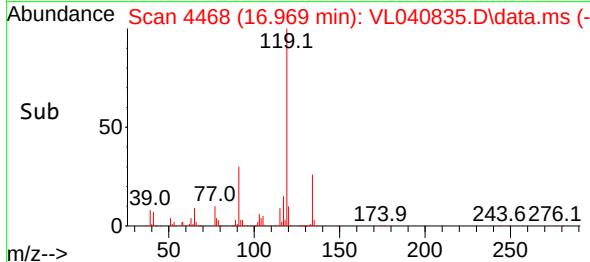
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



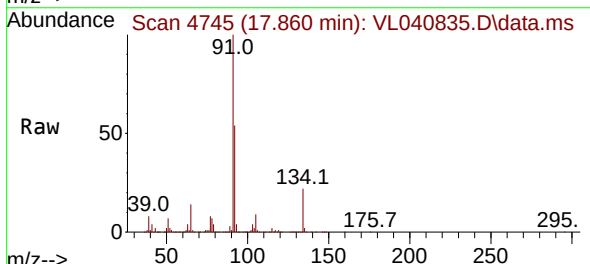
Tgt Ion:119 Resp: 4029604
Ion Ratio Lower Upper
119 100
134 25.6 20.4 30.6
91 30.9 24.7 37.1

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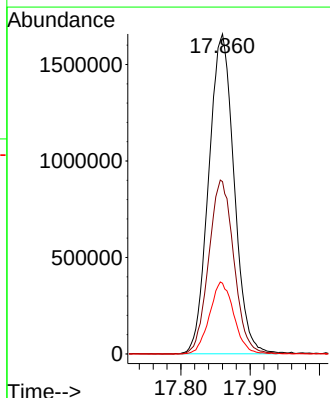
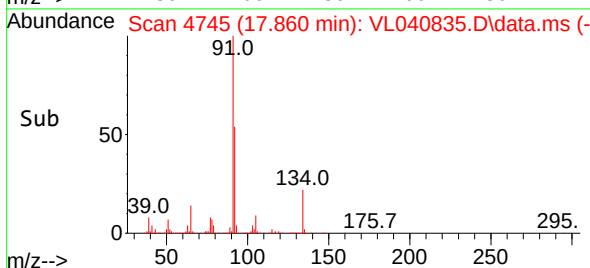
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

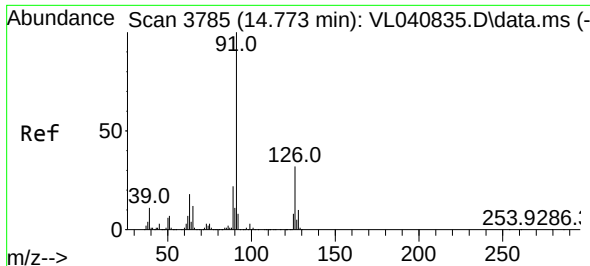


#70
n-Butylbenzene
Concen: 9.081 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



Tgt Ion: 91 Resp: 4214429
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.2
134 21.7 17.4 26.0





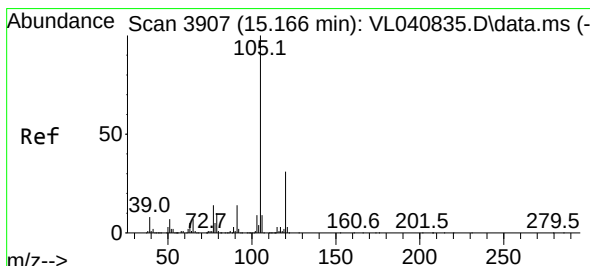
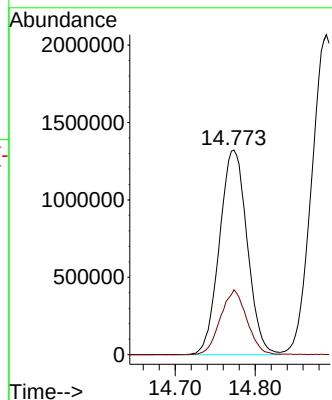
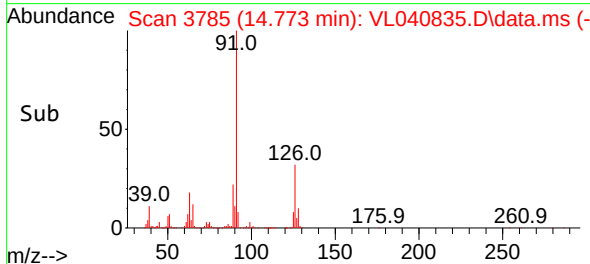
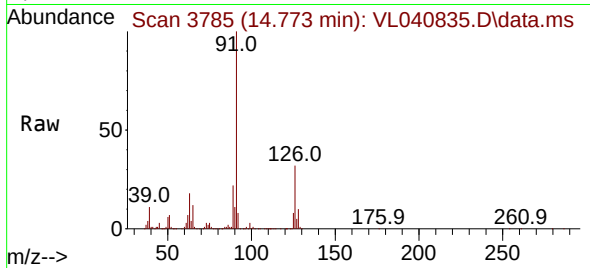
#71
2-Chlorotoluene
Concen: 9.236 ppbv
RT: 14.773 min Scan# 318311
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 318311
Ion Ratio Lower Upper
91 100
126 30.3 12.1 48.5

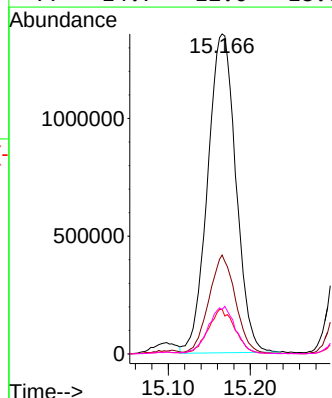
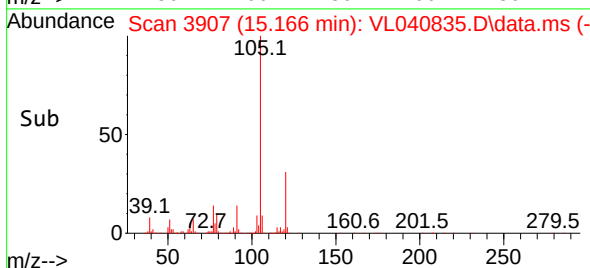
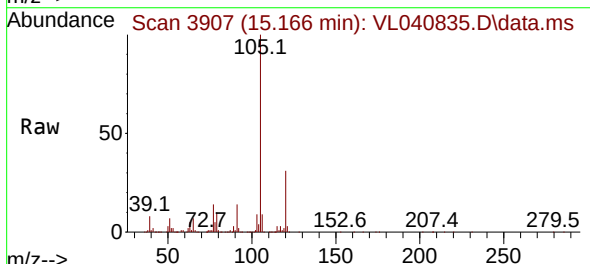
Manual Integrations
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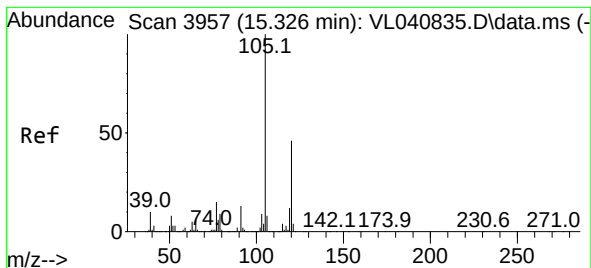
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#72
4-Ethyltoluene
Concen: 9.344 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:105 Resp: 3233399
Ion Ratio Lower Upper
105 100
120 30.6 24.5 36.7
91 13.3 11.4 17.2
77 14.7 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 9.114 ppbv

RT: 15.326 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 2777250

Ion Ratio Lower Upper

105 100

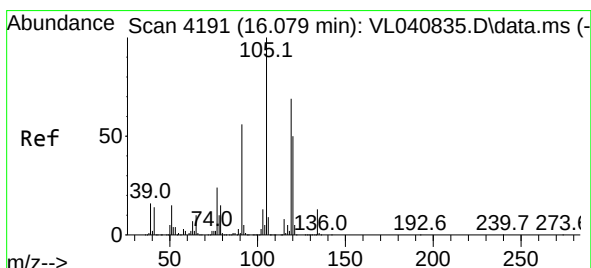
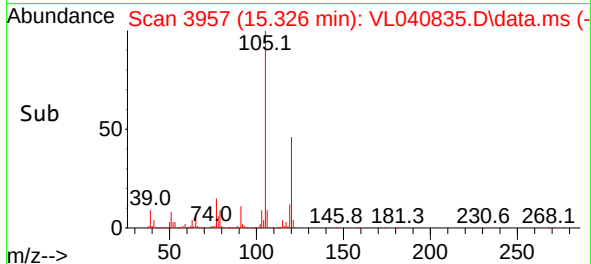
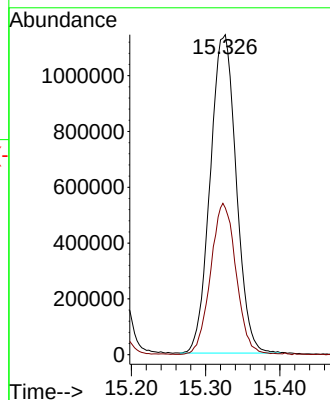
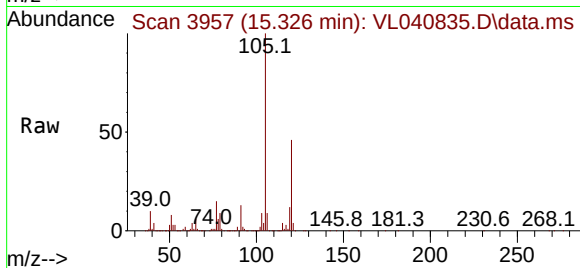
120 46.0 36.8 55.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.001 ppbv

RT: 16.079 min Scan# 4191

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Tgt Ion:105 Resp: 3008396

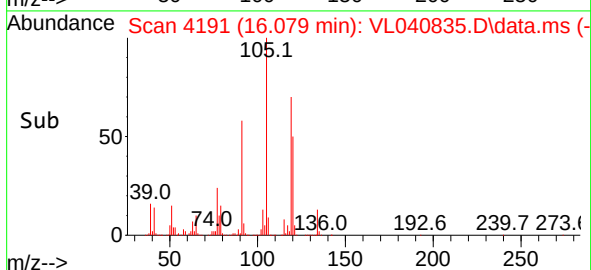
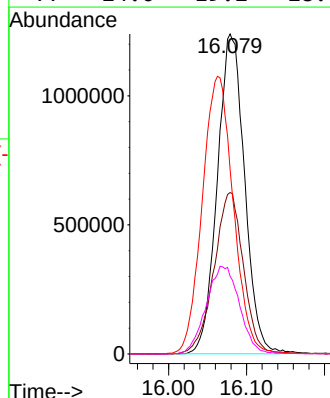
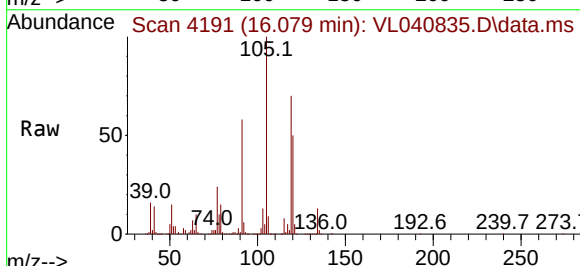
Ion Ratio Lower Upper

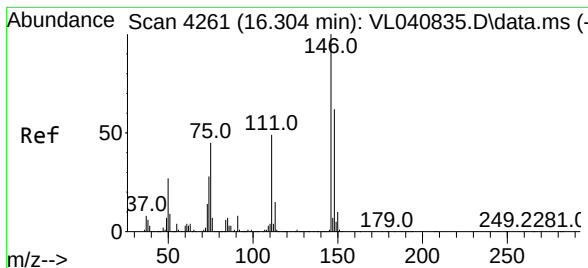
105 100

120 50.2 40.2 60.2

91 57.1 45.7 68.5

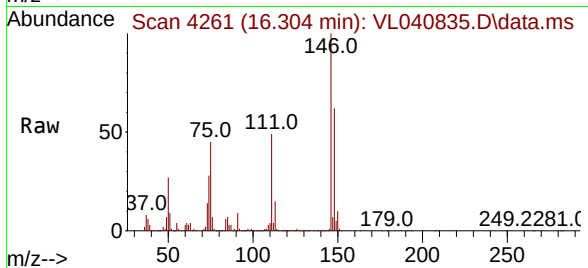
77 24.0 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 8.324 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

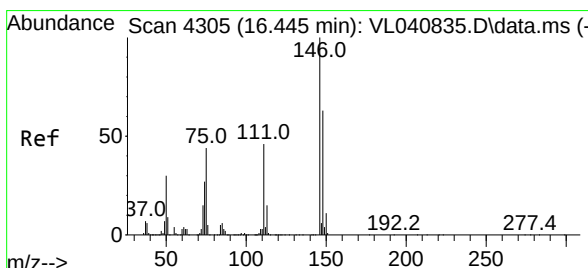
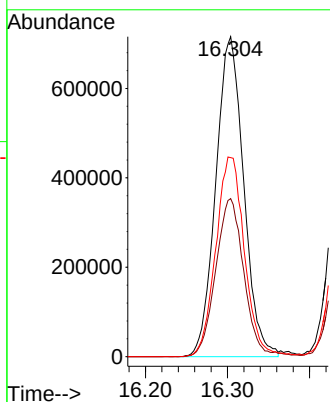
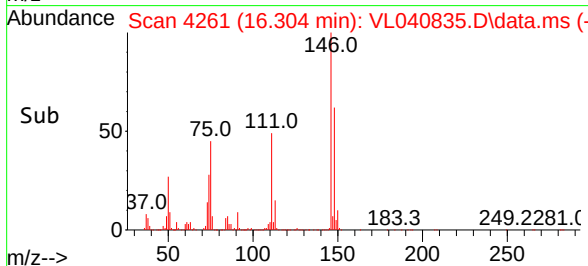
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



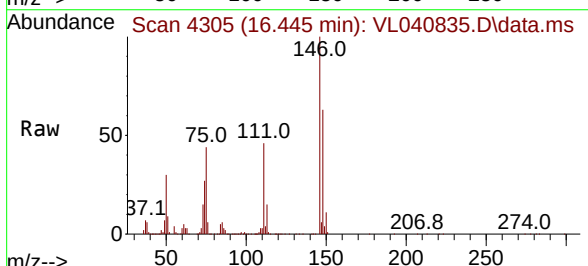
Tgt Ion:146 Resp: 169359
Ion Ratio Lower Upper
146 100
111 49.9 24.9 74.8
148 64.3 32.0 96.2

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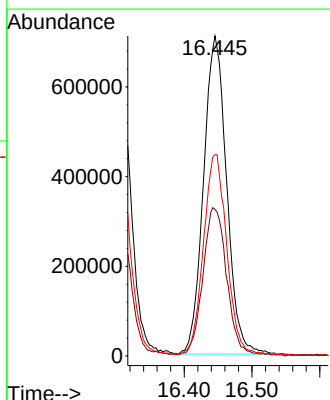
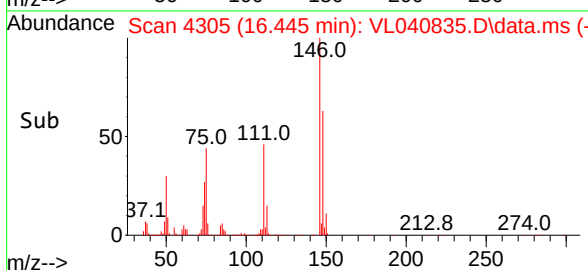
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

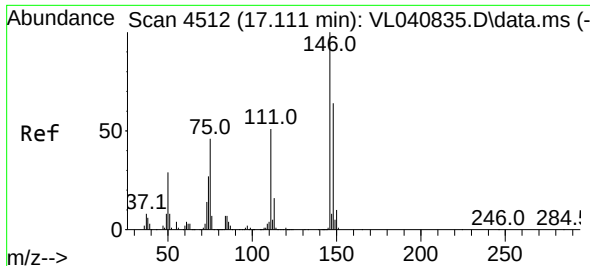


#76
1,4-Dichlorobenzene
Concen: 8.311 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



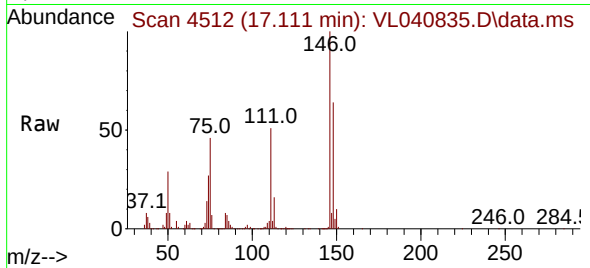
Tgt Ion:146 Resp: 1676012
Ion Ratio Lower Upper
146 100
111 48.3 24.4 73.2
148 64.6 32.4 97.0





#77
1,2-Dichlorobenzene
Concen: 8.130 ppbv
RT: 17.111 min Scan# 4512
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

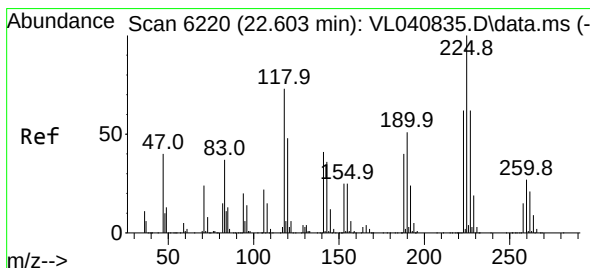
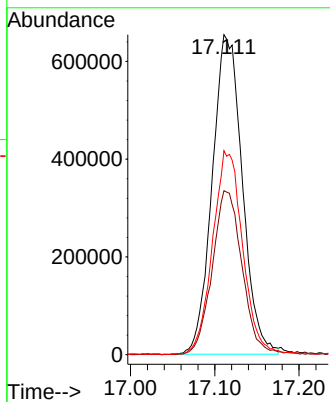
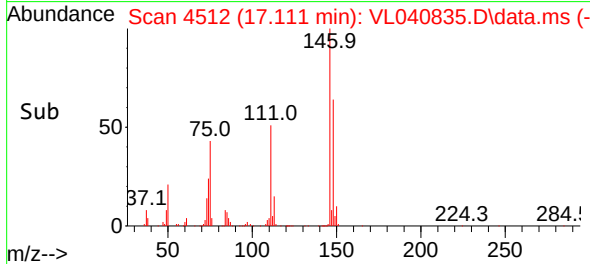
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



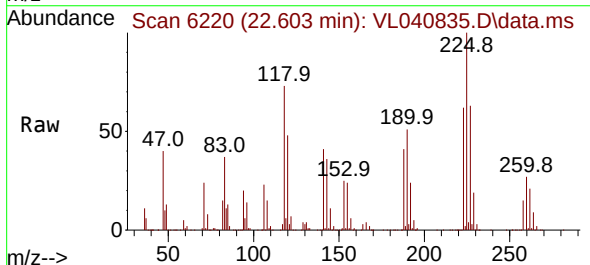
Tgt Ion:146 Resp: 161844
Ion Ratio Lower Upper
146 100
111 51.4 25.6 76.6
148 64.6 31.9 95.9

Manual Integrations
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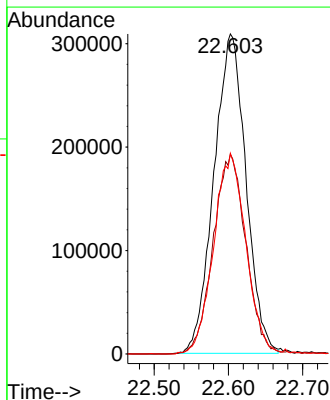
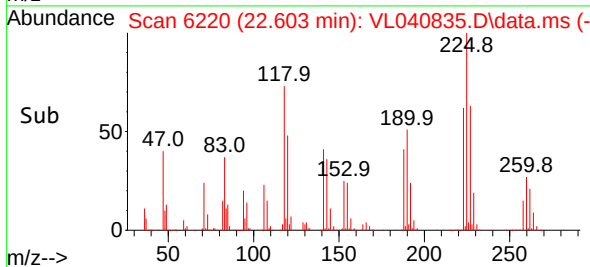
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

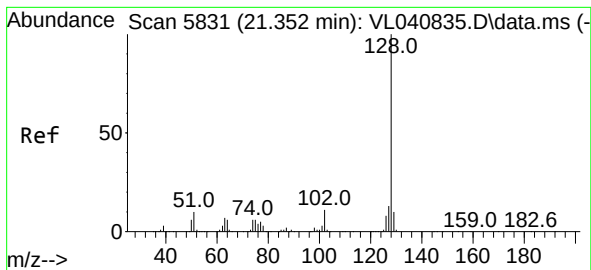


#78
Hexachloro-1,3-Butadiene
Concen: 6.593 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. 0.000 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45



Tgt Ion:225 Resp: 926924
Ion Ratio Lower Upper
225 100
223 63.9 51.2 76.8
227 63.5 51.0 76.4





#79

Naphthalene

Concen: 7.519 ppbv

RT: 21.352 min Scan# 5831

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:128 Resp: 193508

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

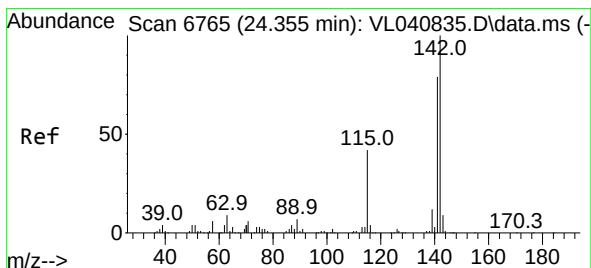
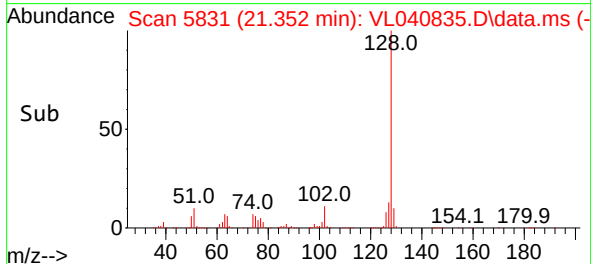
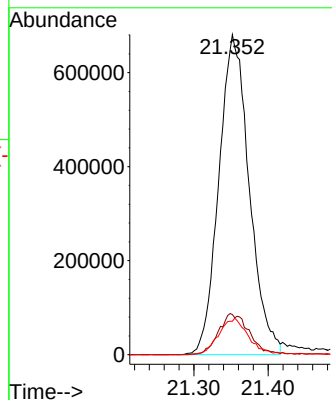
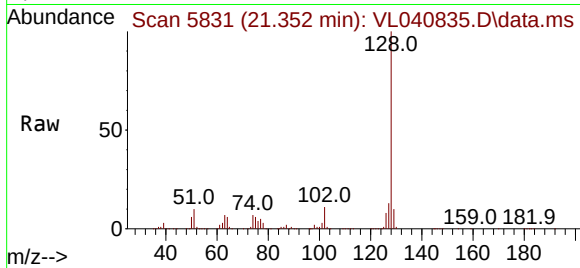
129 10.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#80

Naphthalene,2-methyl-

Concen: 5.301 ppbv

RT: 24.355 min Scan# 6765

Delta R.T. 0.000 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

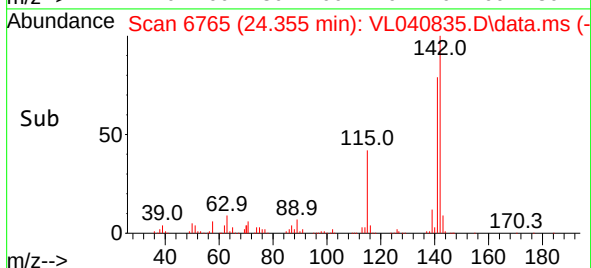
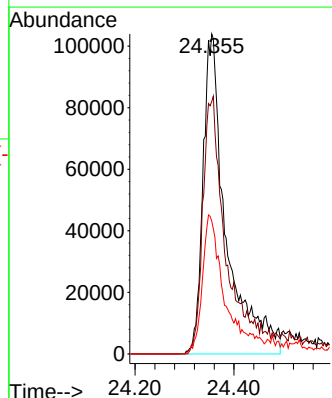
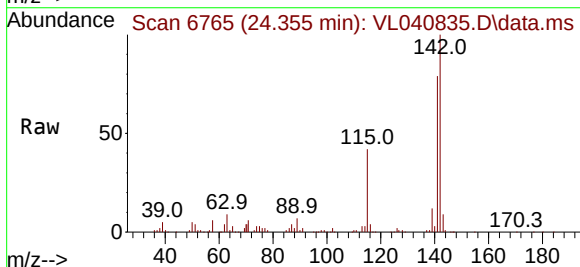
Tgt Ion:142 Resp: 341422

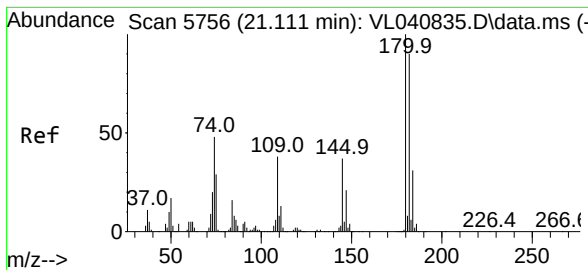
Ion Ratio Lower Upper

142 100

141 82.3 65.8 98.8

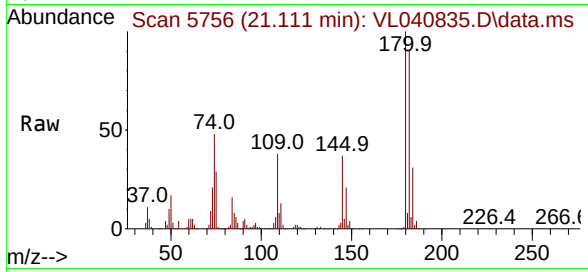
115 44.5 35.6 53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 7.310 ppbv
 RT: 21.111 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 1021392
 Ion Ratio Lower Upper
 180 100
 182 97.0 78.1 117.1
 184 30.2 24.2 36.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

