

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040776.D
 Acq On : 23 Oct 2023 12:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:33:39 2023

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

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1004603	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.642	114	2790361	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.452	117	2769375m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 2022497 9.925 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1629269	9.209	ppbv	98
3) Chlorodifluoromethane	2.671	51	1486202	10.067	ppbv	99
4) Chloromethane	2.809	50	580059	9.950	ppbv	100
5) Vinyl Chloride	2.915	62	583101	9.680	ppbv	98
6) Bromomethane	3.111	94	258939	10.391	ppbv	99
7) Chloroethane	3.189	64	199762	10.187	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1369560	10.212	ppbv	97
9) Propene	2.687	41	551184	10.051	ppbv	98
10) Heptane	7.565	43	1357416	9.854	ppbv	99
11) Trichlorofluoromethane	3.555	101	1416774	10.376	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	967000	9.930	ppbv	99
13) Ethanol	3.237	45	122401m	9.888	ppbv	
14) Bromoethene	3.359	108	418827	10.042	ppbv	95
15) Acetone	3.462	43	1014532	9.769	ppbv	97
16) 1,3-Butadiene	2.980	39	550190	10.098	ppbv	98
17) tert-Butyl alcohol	3.870	59	1098800	10.318	ppbv	99
18) 1,1-Dichloroethene	3.870	96	447458	10.252	ppbv	97
19) Isopropyl Alcohol	3.568	45	736355	11.014	ppbv #	39
20) Methylene Chloride	3.925	84	379781	8.779	ppbv	97
21) Allyl Chloride	3.986	41	706789	10.319	ppbv	98
22) trans-1,2-Dichloroethene	4.433	96	474998	10.225	ppbv	98
23) Vinyl Acetate	4.616	43	1252789	9.465	ppbv	99
24) 1,1-Dichloroethane	4.552	63	964950	9.666	ppbv	99
25) Ethyl Acetate	5.195	43	2207870	9.703	ppbv	100
26) Hexane	5.201	57	978883	9.412	ppbv	99
27) Carbon Disulfide	4.115	76	1188783	10.360	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	740543	9.157	ppbv	100
29) Chloroform	5.263	83	1544761	10.265	ppbv	100
30) Cyclohexane	6.584	84	881722	9.963	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1009085	10.529	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1585065	9.897	ppbv	100
34) 2-Butanone	4.774	43	1090660	8.635	ppbv	98
35) Carbon Tetrachloride	6.481	117	1669351	10.659	ppbv	96
36) Benzene	6.359	78	2175608	10.137	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1193388	10.857	ppbv	99
38) Trichloroethene	7.279	130	848792	8.936	ppbv	97
39) 1,2-Dichloropropane	7.060	63	842334	10.046	ppbv	98
40) 1,4-Dioxane	7.272	88	359454	11.328	ppbv #	94
41) Tetrahydrofuran	5.545	42	867593	9.919	ppbv	97
42) Bromodichloromethane	7.237	83	1750928	10.634	ppbv	99
43) Methyl Methacrylate	7.462	69	893544	10.400	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3534010	9.737	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	775167	11.315	ppbv	99

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Quant Time: Oct 24 05:33:39 2023

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

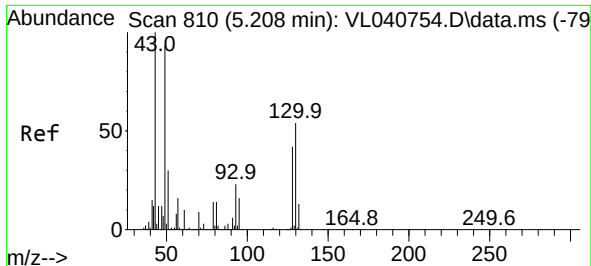
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	914484	10.926	ppbv	99
47) 1,1,2-Trichloroethane	8.883	97	902390	10.245	ppbv	98
48) Dibromochloromethane	9.696	129	1608151	10.895	ppbv	99
49) Bromoform	12.391	173	1294684	10.790	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2181041	10.094	ppbv	100
51) 2-Hexanone	9.532	43	1651746	10.044	ppbv #	99
52) Tetrachloroethene	10.597	164	814440	9.342	ppbv	96
53) Toluene	9.204	91	2530007	9.905	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1329244	10.765	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.491	131	1131033	10.007	ppbv	98
57) Chlorobenzene	11.510	112	1967868	9.917	ppbv	97
58) Ethyl Benzene	12.073	91	3392339	9.729	ppbv	99
59) m/p-Xylene	12.355	91	5561357m	19.379	ppbv	
60) o-Xylene	13.044	91	2625658	9.602	ppbv	99
61) Styrene	12.880	104	1545314	10.200	ppbv	99
62) Isopropylbenzene	14.015	105	4045350	9.617	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	1851204	9.030	ppbv	100
64) n-propylbenzene	14.902	120	1115455	9.871	ppbv	98
65) tert-Butylbenzene	16.076	119	3569699	9.409	ppbv	100
66) Benzyl Chloride	16.310	91	400328	10.473	ppbv	98
67) sec-Butylbenzene	16.619	105	5026091	9.675	ppbv	99
69) p-Isopropyltoluene	16.979	119	4189593	9.625	ppbv	100
70) n-Butylbenzene	17.870	91	4195898	9.817	ppbv	100
71) 2-Chlorotoluene	14.786	91	3080130	9.747	ppbv	100
72) 4-Ethyltoluene	15.175	105	3261655	10.186	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	2810593	9.969	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	2982040	9.681	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	1880615	9.817	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	1854064	9.773	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1821527	9.691	ppbv	99
78) Hexachloro-1,3-Butadiene	22.612	225	1134200	8.433	ppbv	99
79) Naphthalene	21.368	128	2836716	11.329	ppbv	100
80) Naphthalene,2-methyl-	24.355	142	851317	12.116	ppbv	98
81) 1,2,4-Trichlorobenzene	21.124	180	1385614	10.193	ppbv	99

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



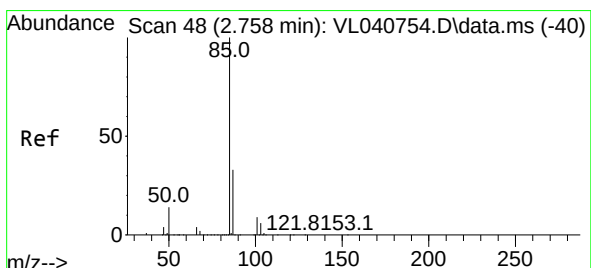
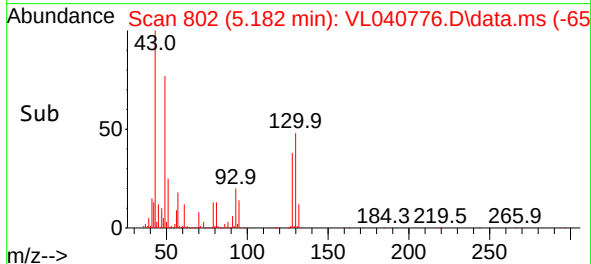
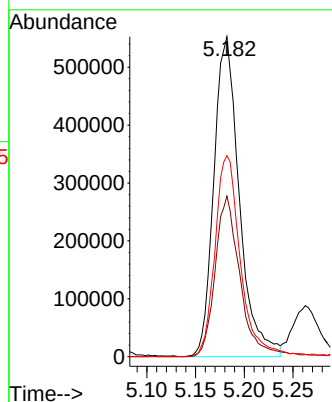
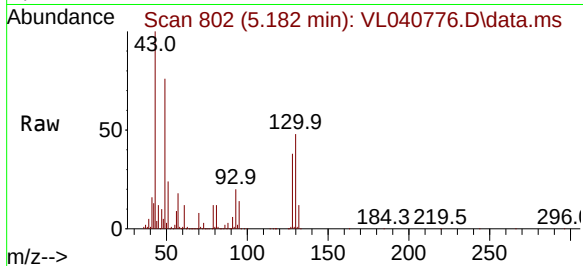
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 100460
Ion Ratio Lower Upper
49 100
128 49.2 23.9 71.7
130 63.7 30.7 92.1

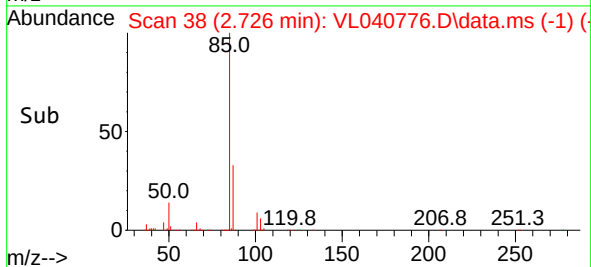
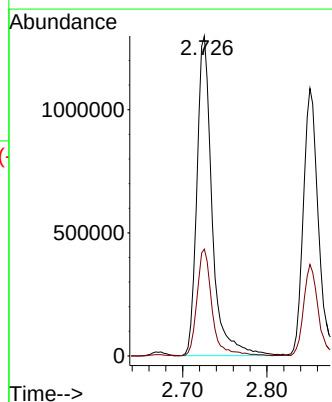
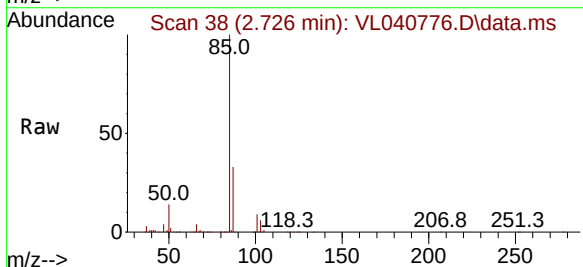
Manual Integrations
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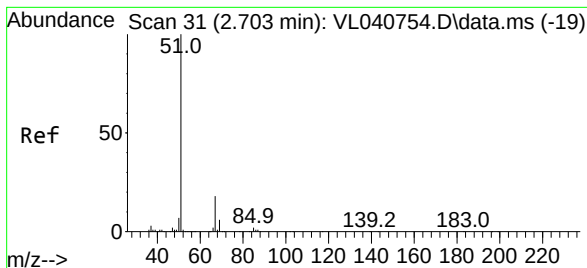
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#2
Dichlorodifluoromethane
Concen: 9.209 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.032 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 85 Resp: 1629269
Ion Ratio Lower Upper
85 100
87 33.4 26.0 39.0





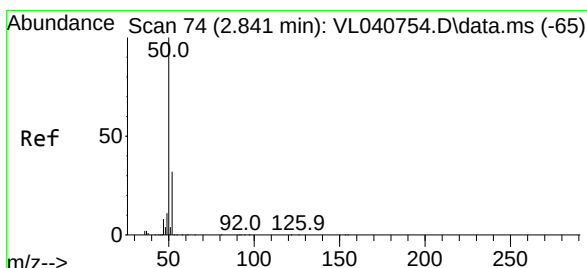
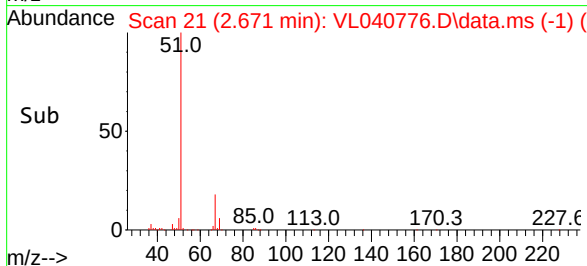
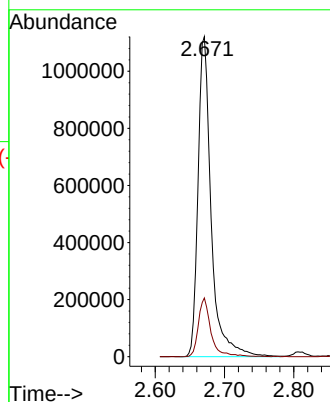
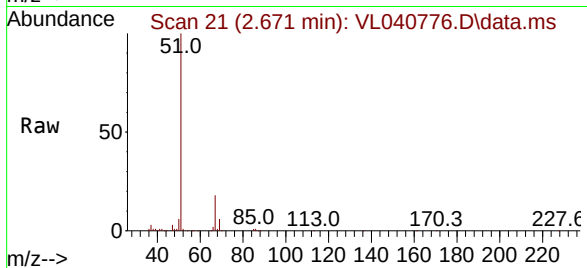
#3
Chlorodifluoromethane
Concen: 10.067 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 148620
Ion Ratio Lower Upper
51 100
67 17.7 13.8 20.6

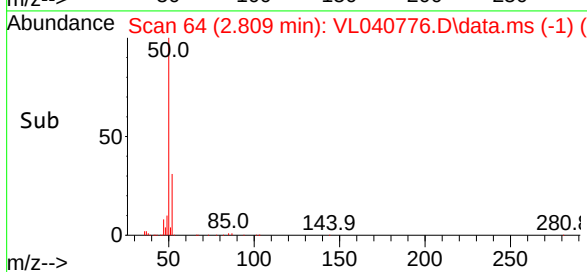
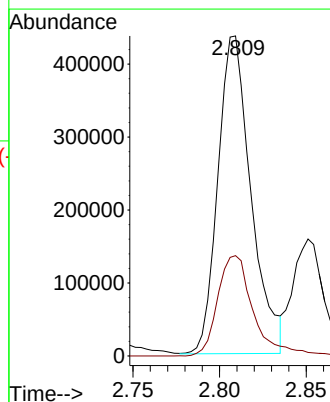
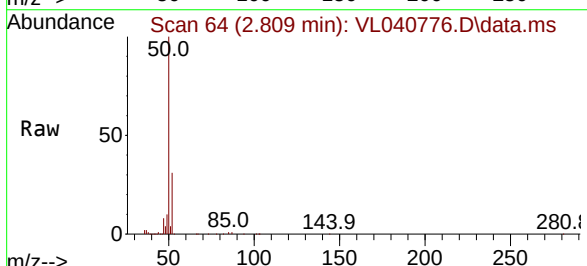
Manual Integrations
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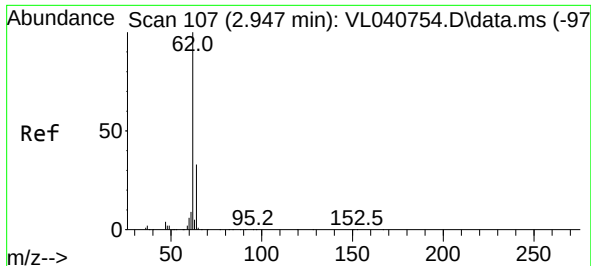
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#4
Chloromethane
Concen: 9.950 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.032 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 50 Resp: 580059
Ion Ratio Lower Upper
50 100
52 31.6 25.3 37.9





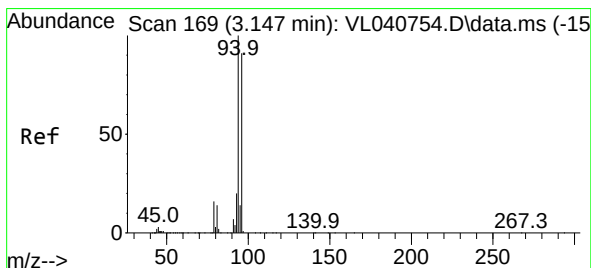
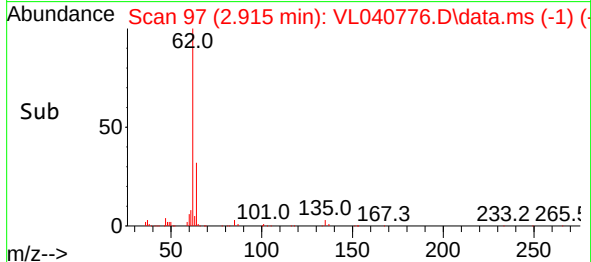
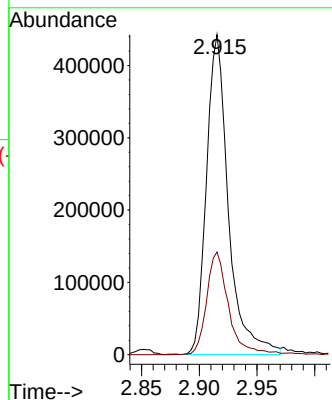
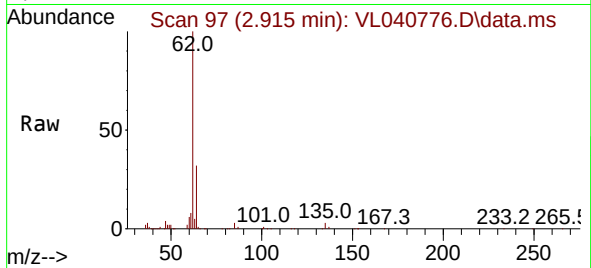
#5
 Vinyl Chloride
 Concen: 9.680 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.032 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 58310
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.6 39.8

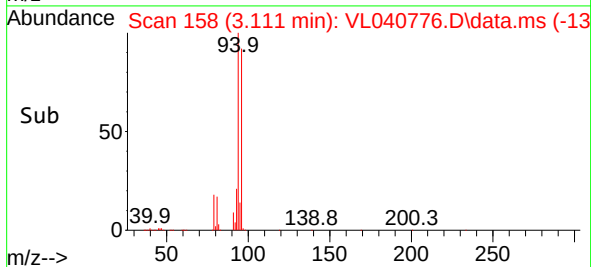
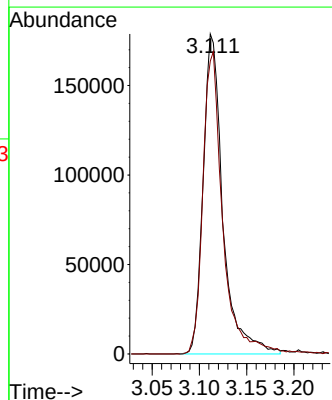
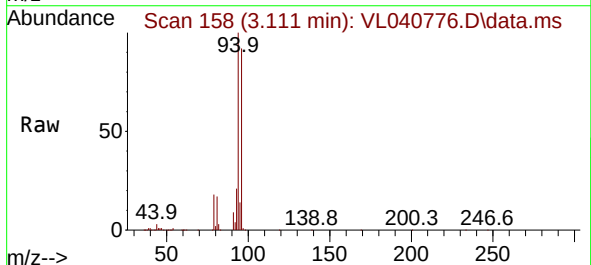
Manual Integrations
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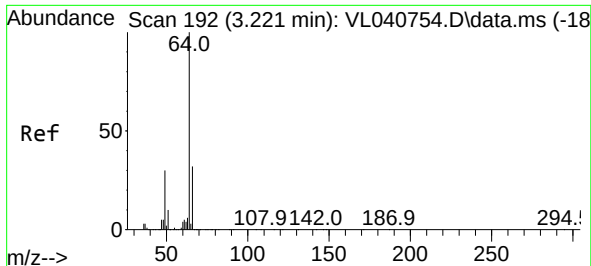
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#6
 Bromomethane
 Concen: 10.391 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.035 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

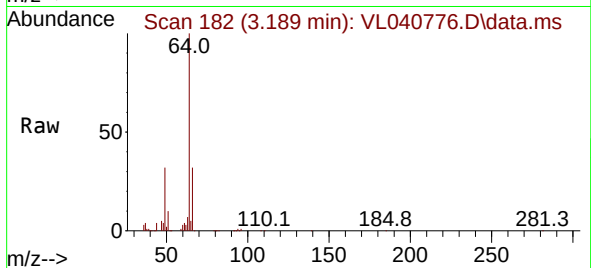
Tgt Ion: 94 Resp: 258939
 Ion Ratio Lower Upper
 94 100
 96 91.5 72.6 109.0





#7
Chloroethane
Concen: 10.187 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.032 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

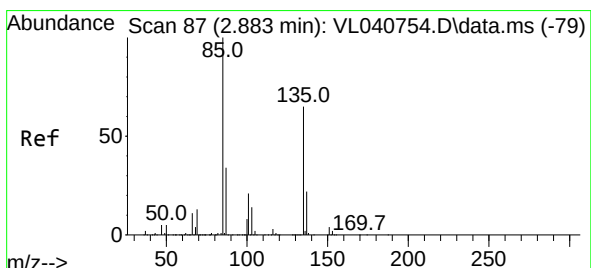
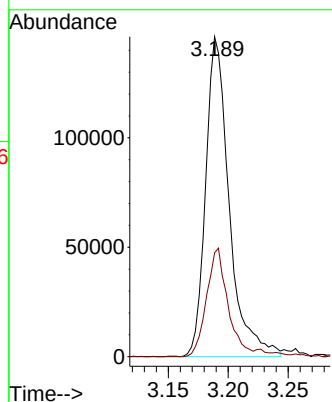
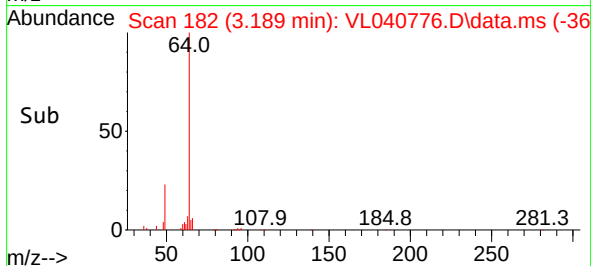
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 199762
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2

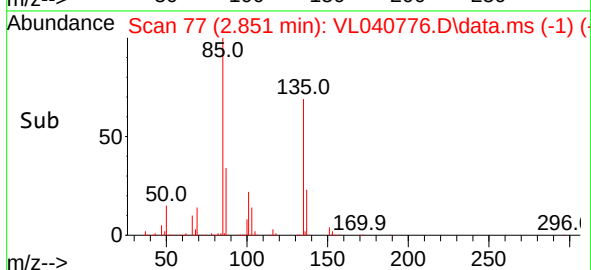
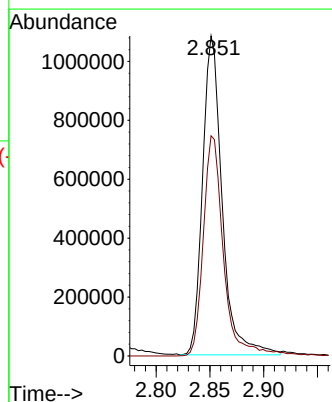
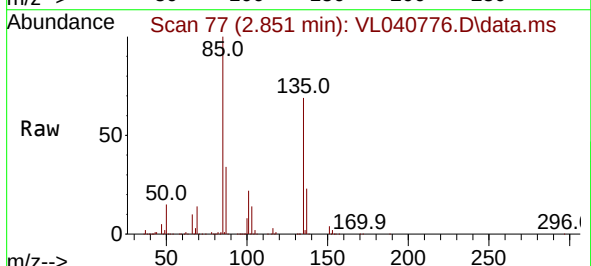
Manual Integrations
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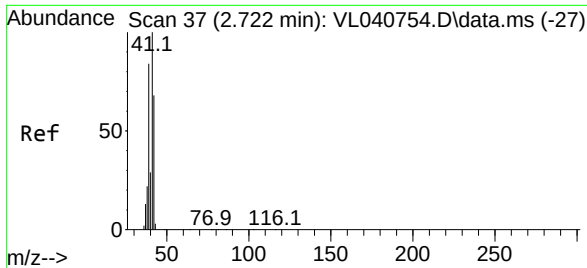
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#8
Dichlorotetrafluoroethane
Concen: 10.212 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.032 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 85 Resp: 1369560
Ion Ratio Lower Upper
85 100
135 71.8 55.4 83.2





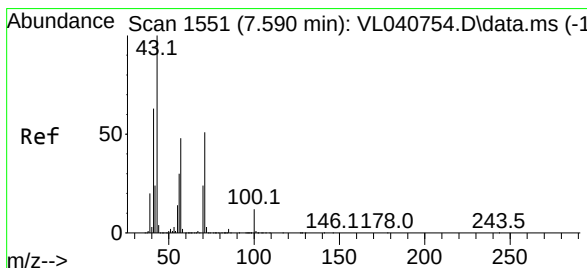
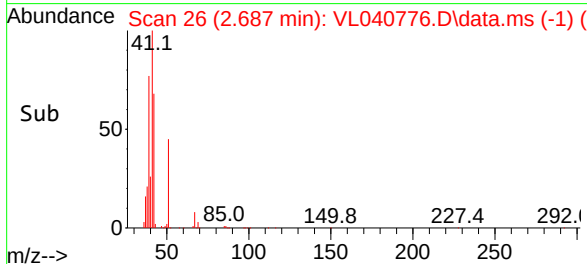
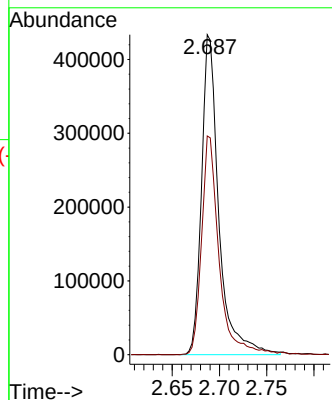
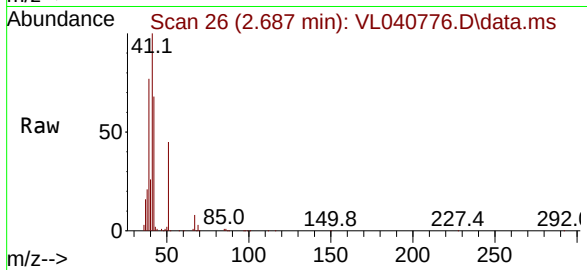
#9
 Propene
 Concen: 10.051 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. -0.035 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 551184
 Ion Ratio Lower Upper
 41 100
 42 69.5 57.1 85.7

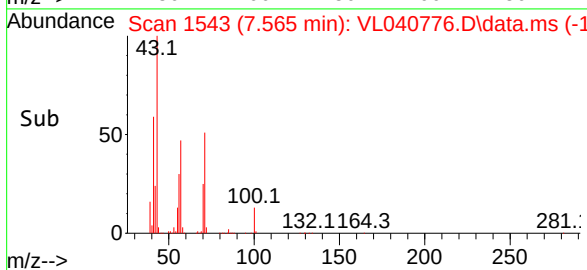
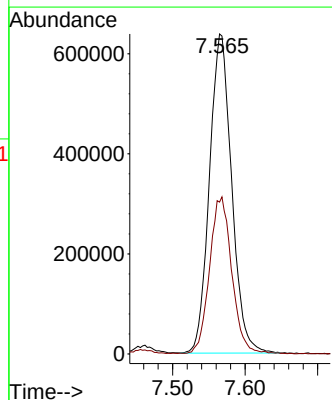
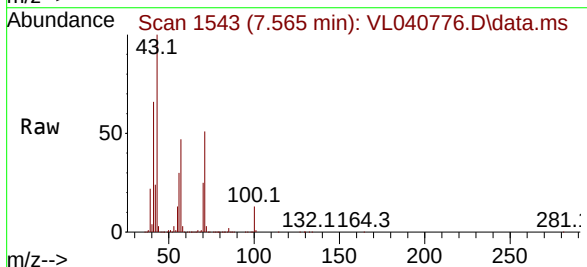
Manual Integrations
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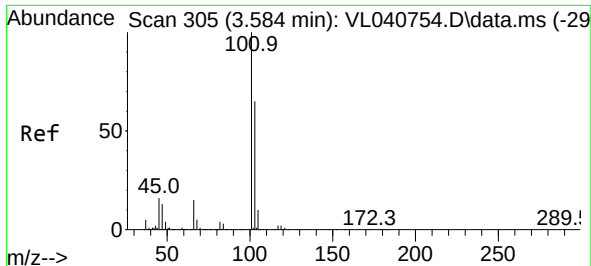
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#10
 Heptane
 Concen: 9.854 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.026 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

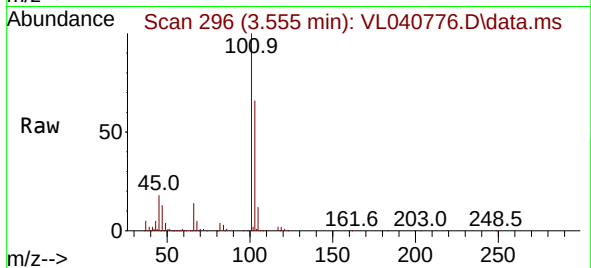
Tgt Ion: 43 Resp: 1357416
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 10.376 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. -0.029 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

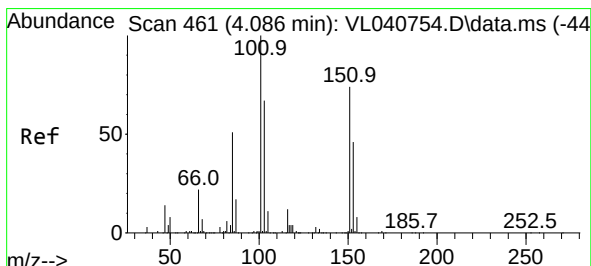
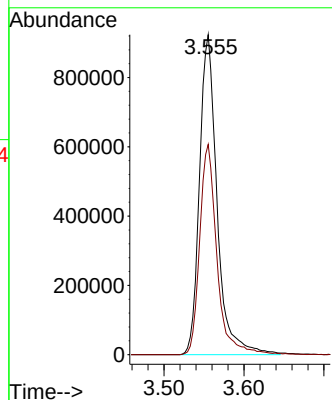
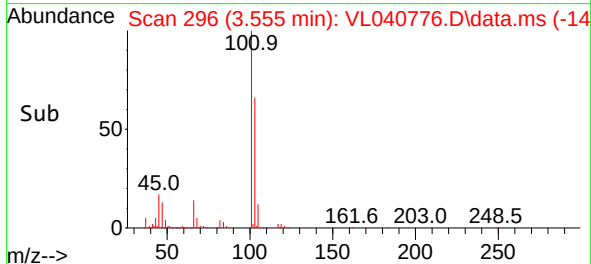
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



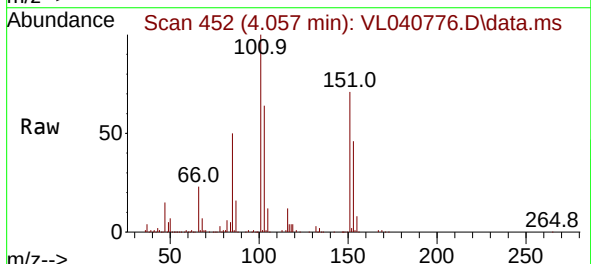
Tgt Ion:101 Resp: 1416774
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.2 78.2

Manual Integrations
 APPROVED

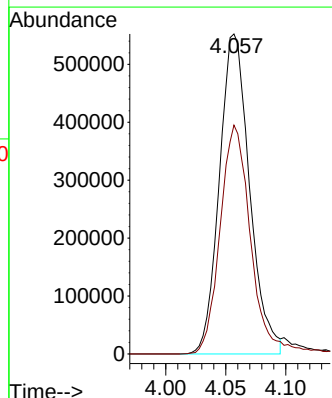
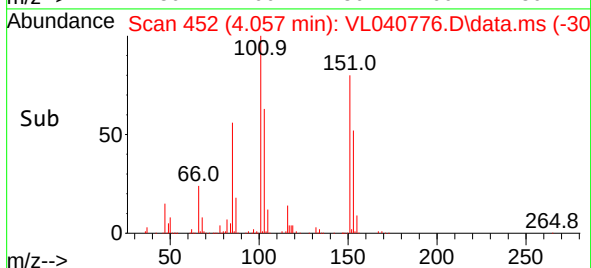
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

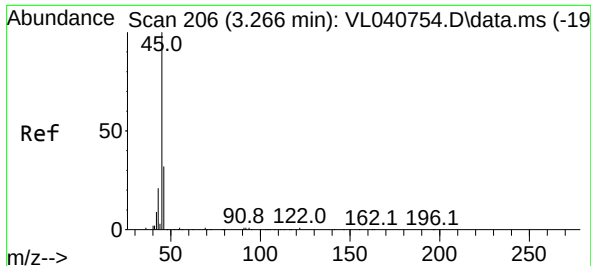


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.930 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.029 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50



Tgt Ion:101 Resp: 967000
 Ion Ratio Lower Upper
 101 100
 151 73.3 58.1 87.1





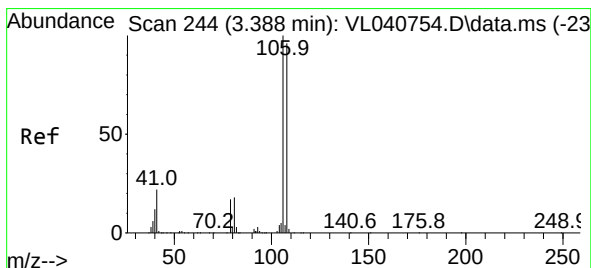
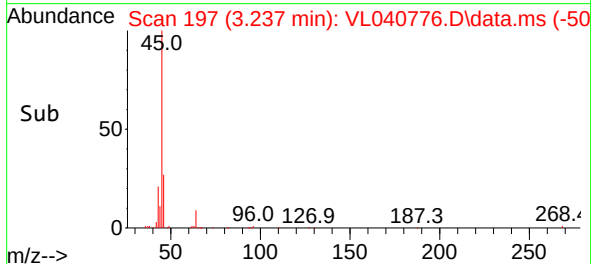
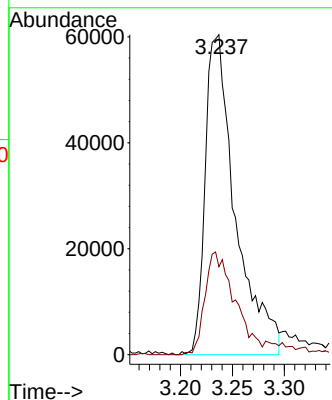
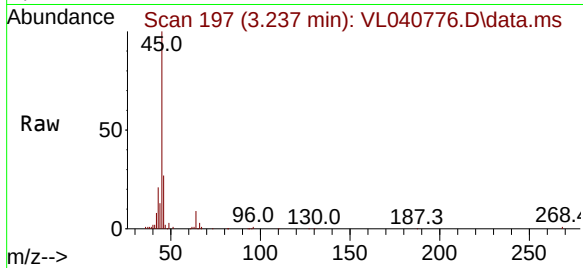
#13
Ethanol
Concen: 9.888 ppbv m
RT: 3.237 min Scan# 197
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 12240
Ion Ratio Lower Upper
45 100
46 36.8 14.6 58.2

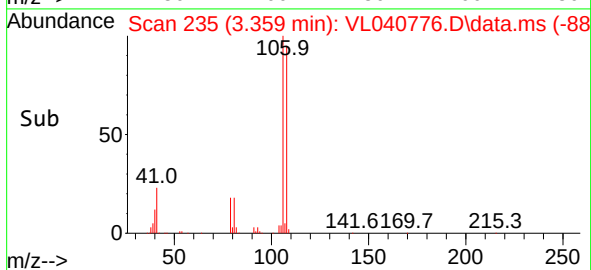
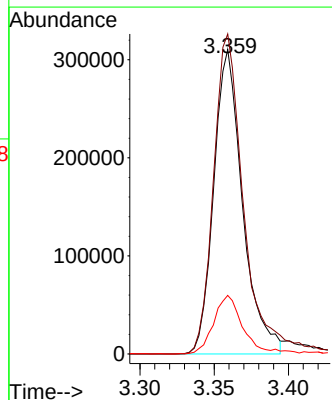
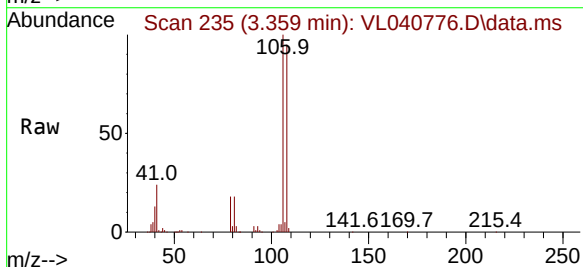
Manual Integrations
APPROVED

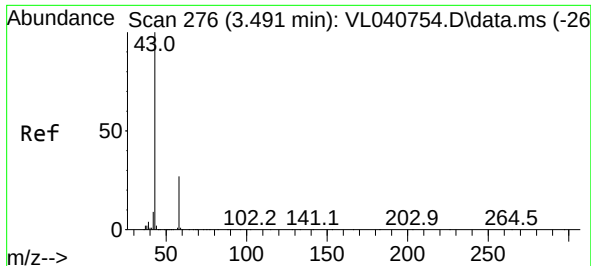
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#14
Bromoethene
Concen: 10.042 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

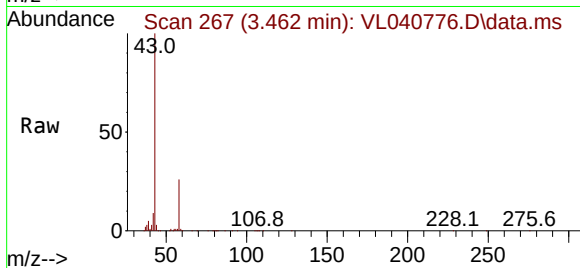
Tgt Ion:108 Resp: 418827
Ion Ratio Lower Upper
108 100
106 112.4 85.2 127.8
79 20.4 15.7 23.5





#15
Acetone
Concen: 9.769 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

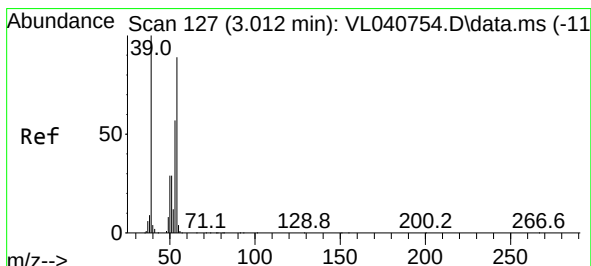
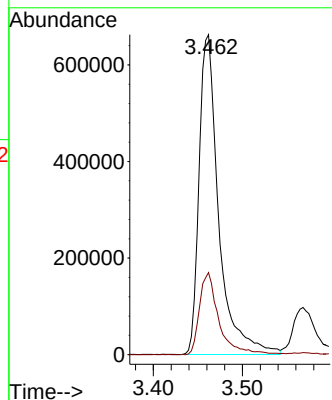
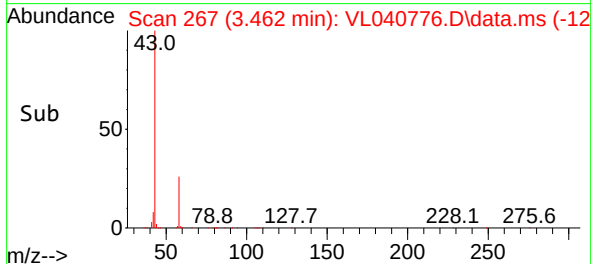
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



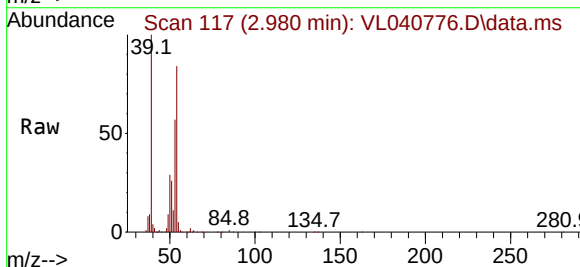
Tgt Ion: 43 Resp: 101453
Ion Ratio Lower Upper
43 100
58 25.7 21.6 32.4

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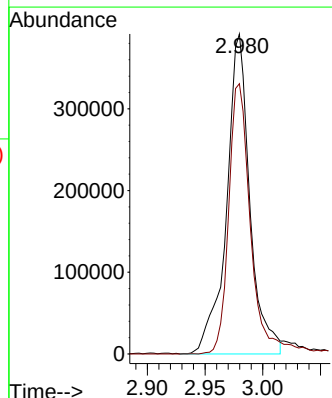
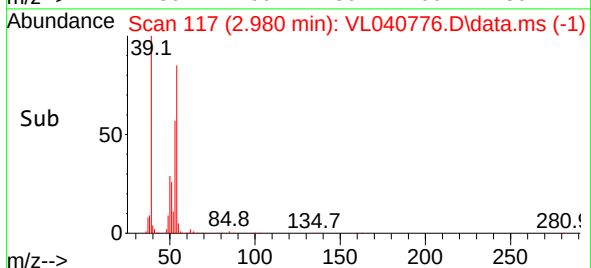
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

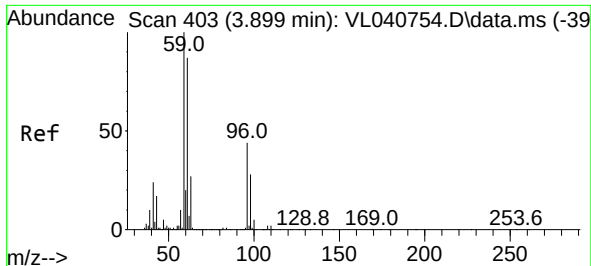


#16
1,3-Butadiene
Concen: 10.098 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.032 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



Tgt Ion: 39 Resp: 550190
Ion Ratio Lower Upper
39 100
54 80.9 63.0 94.6





#17

tert-Butyl alcohol

Concen: 10.318 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.029 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1098800

Ion Ratio Lower Upper

59 100

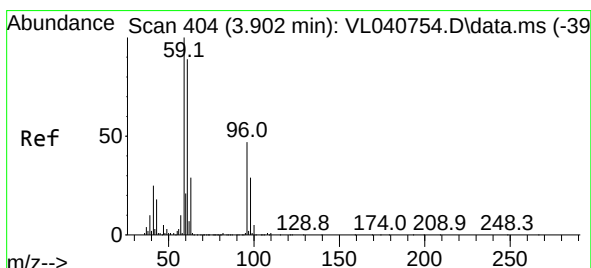
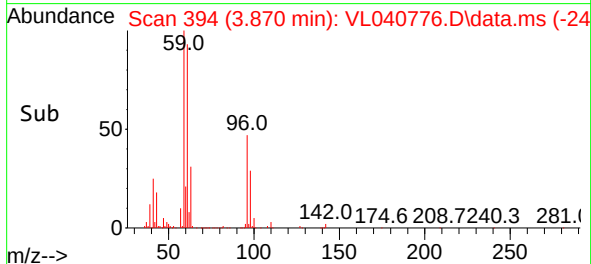
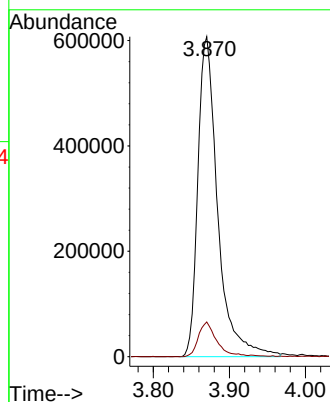
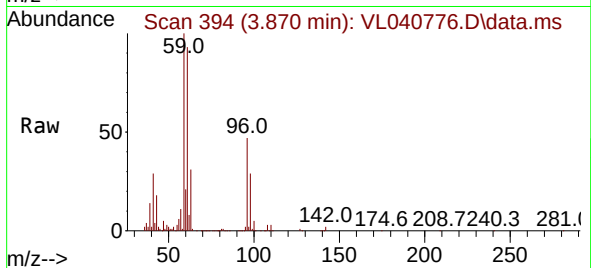
57 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#18

1,1-Dichloroethene

Concen: 10.252 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.032 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

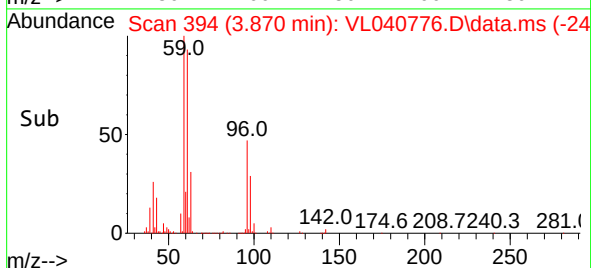
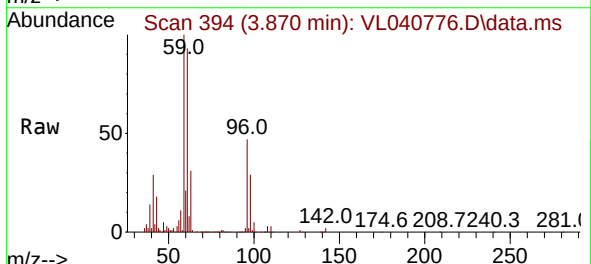
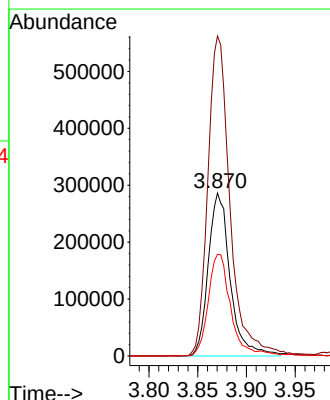
Tgt Ion: 96 Resp: 447458

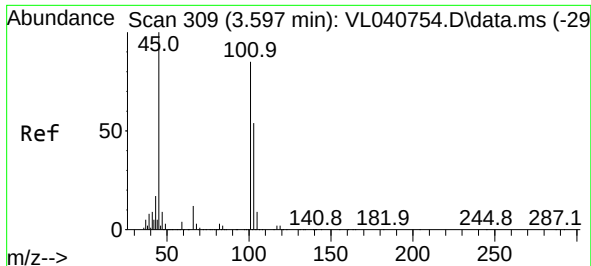
Ion Ratio Lower Upper

96 100

61 196.4 152.5 228.7

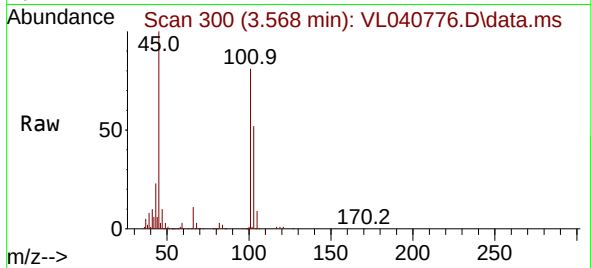
98 62.2 49.6 74.4





#19
Isopropyl Alcohol
Concen: 11.014 ppbv
RT: 3.568 min Scan# 309
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

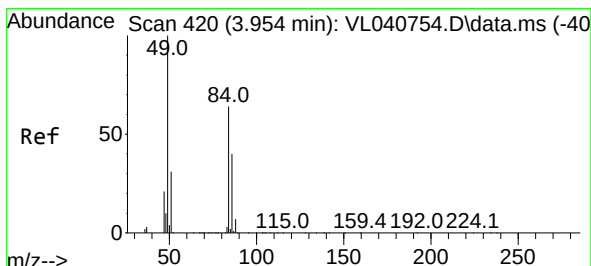
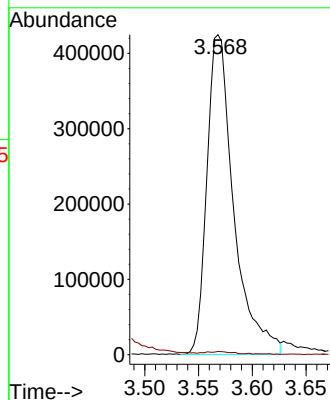
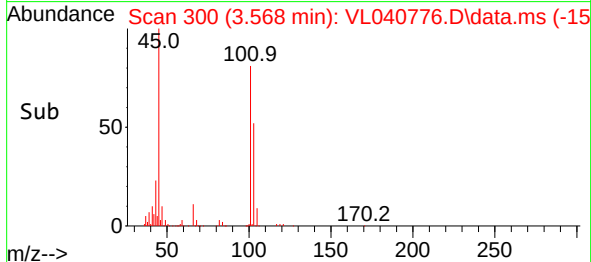
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 736358
Ion Ratio Lower Upper
45 100
58 1.2 30.3 45.5

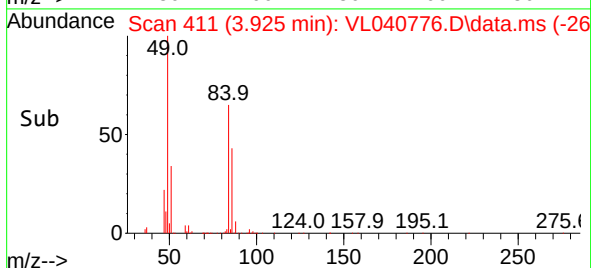
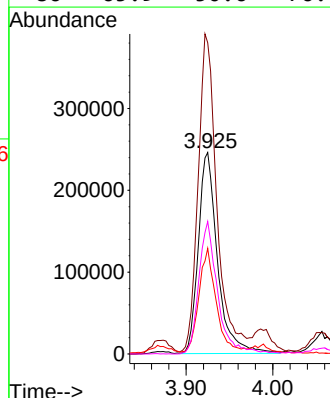
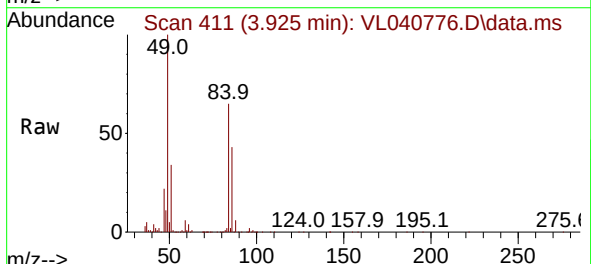
Manual Integrations
APPROVED

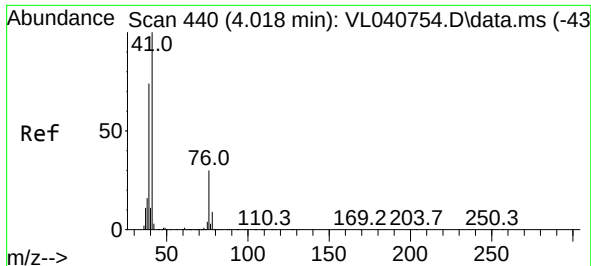
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 8.779 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 84 Resp: 379781
Ion Ratio Lower Upper
84 100
49 153.9 125.6 188.4
51 51.6 38.9 58.3
86 65.9 50.6 76.0





#21
 Allyl Chloride
 Concen: 10.319 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

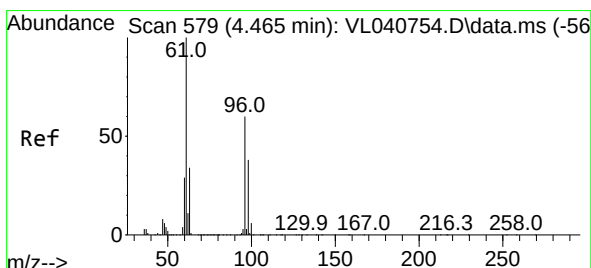
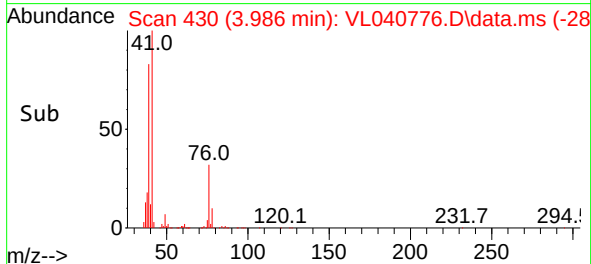
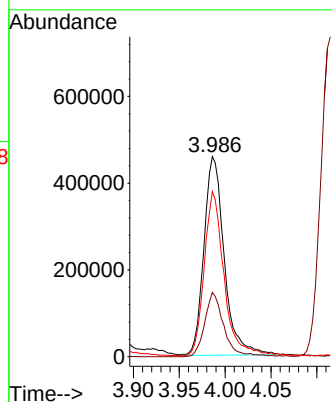
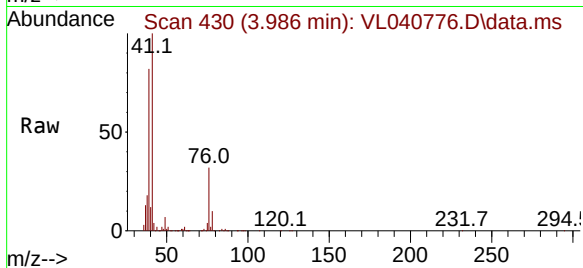
VSTDCCC010

Tgt Ion: 41 Resp: 706789
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.1 36.1
 39 81.5 63.8 95.6

Manual Integrations

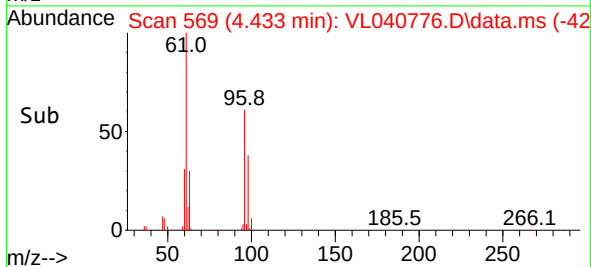
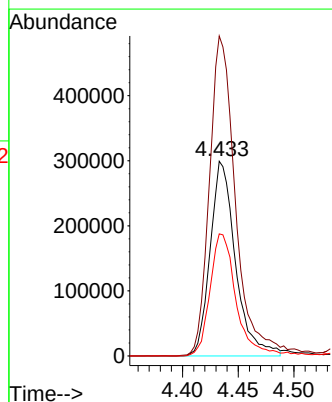
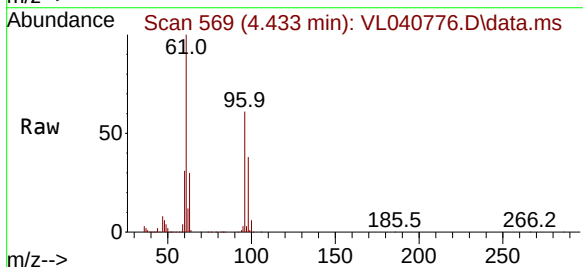
APPROVED

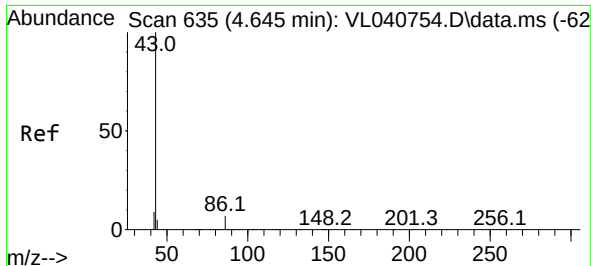
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.225 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.032 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

Tgt Ion: 96 Resp: 474998
 Ion Ratio Lower Upper
 96 100
 61 164.2 134.0 201.0
 98 62.7 51.0 76.4





#23
 Vinyl Acetate
 Concen: 9.465 ppbv
 RT: 4.616 min Scan# 606
 Delta R.T. -0.029 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

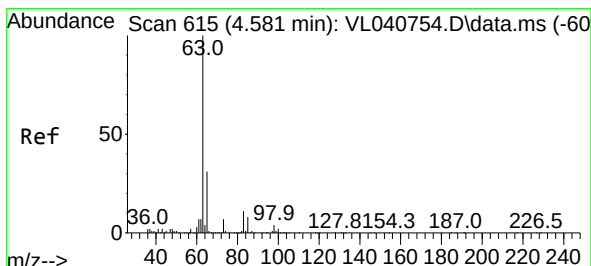
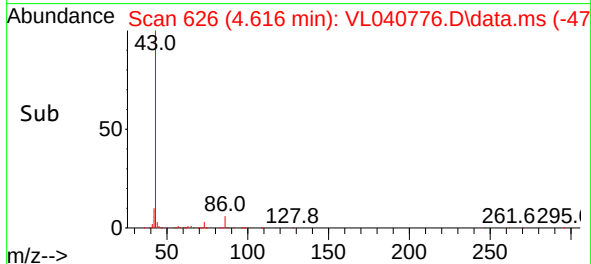
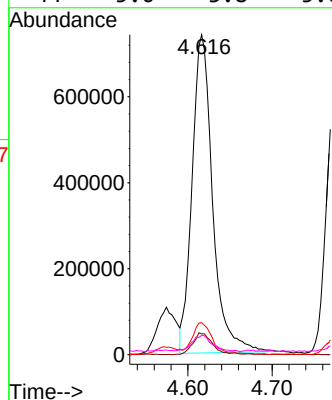
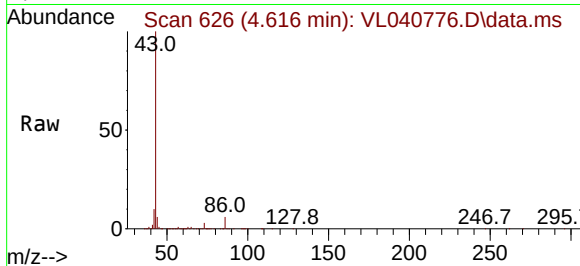
VSTDCCC010

Tgt Ion: 43 Resp: 1252789
 Ion Ratio Lower Upper
 43 100
 86 6.4 4.9 7.3
 42 10.0 7.8 11.6
 44 5.0 3.8 5.6

Manual Integrations

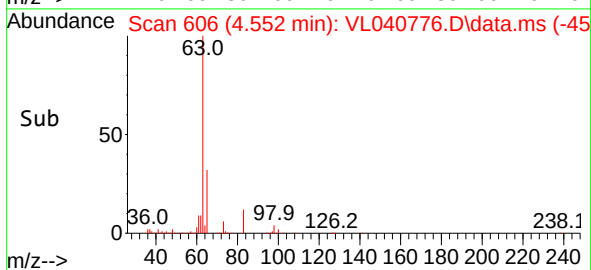
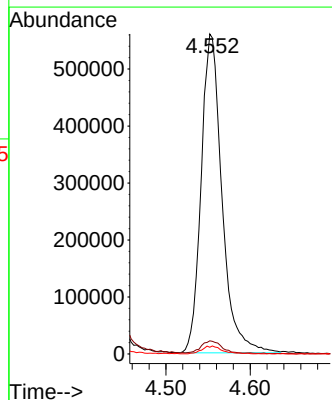
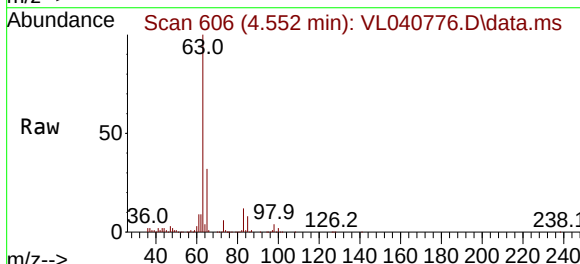
APPROVED

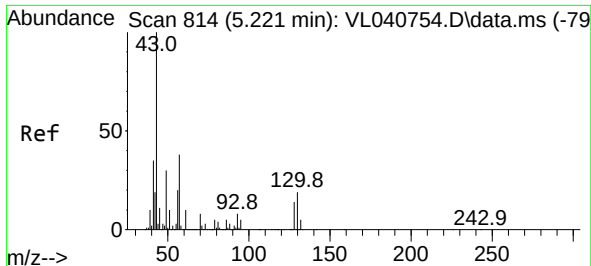
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#24
 1,1-Dichloroethane
 Concen: 9.666 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.029 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

Tgt Ion: 63 Resp: 964950
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.0 5.8
 100 2.0 1.3 3.8





#25

Ethyl Acetate

Concen: 9.703 ppbv

RT: 5.195 min Scan# 806

Delta R.T. -0.026 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 2207870

Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.4

61 10.0 8.2 12.2

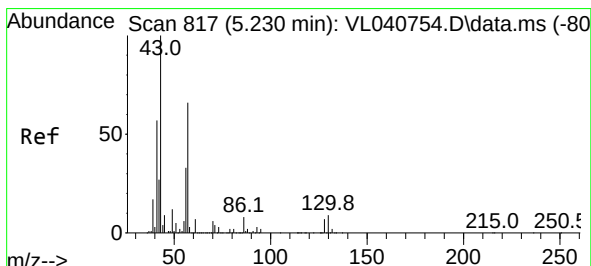
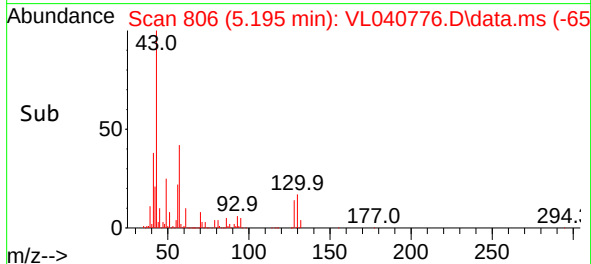
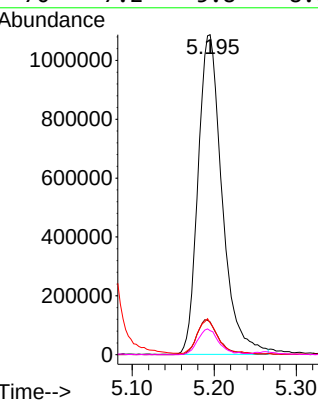
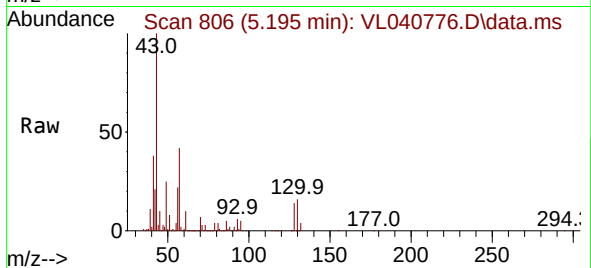
70 7.2 5.8 8.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#26

Hexane

Concen: 9.412 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.029 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Tgt Ion: 57 Resp: 978883

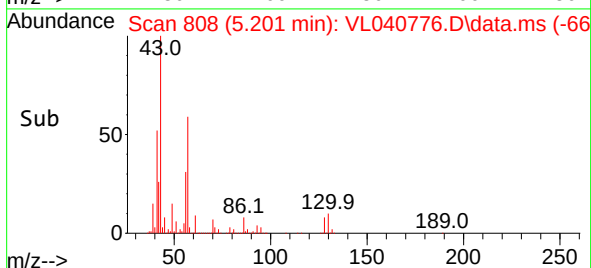
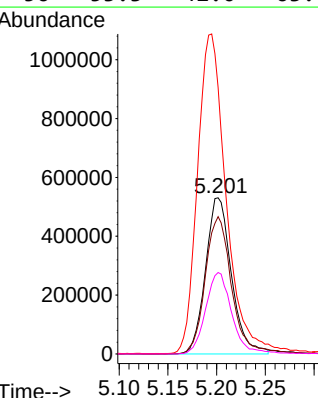
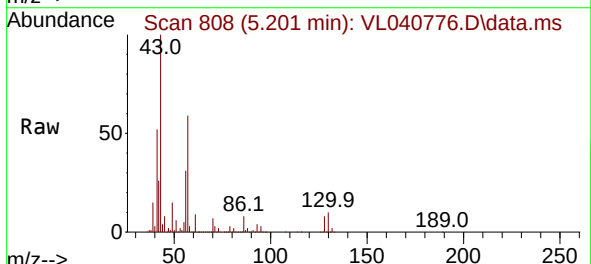
Ion Ratio Lower Upper

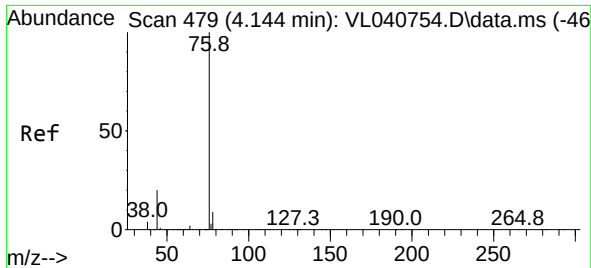
57 100

41 91.1 71.4 107.2

43 229.1 182.3 273.5

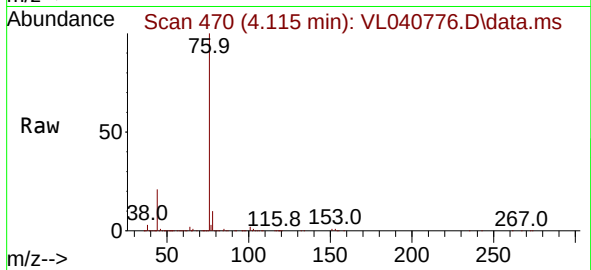
56 53.3 42.0 63.0





#27
Carbon Disulfide
Concen: 10.360 ppbv
RT: 4.115 min Scan# 411
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

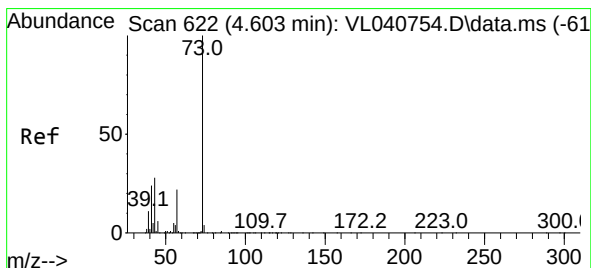
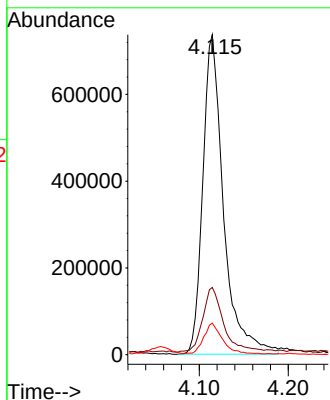
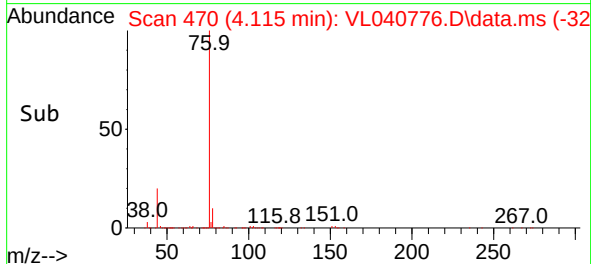
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



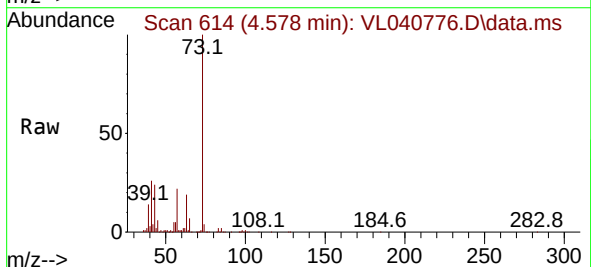
Tgt Ion: 76 Resp: 118878
Ion Ratio Lower Upper
76 100
44 20.2 16.6 25.0
78 9.5 7.8 11.6

Manual Integrations
APPROVED

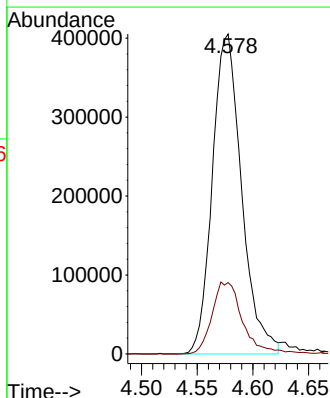
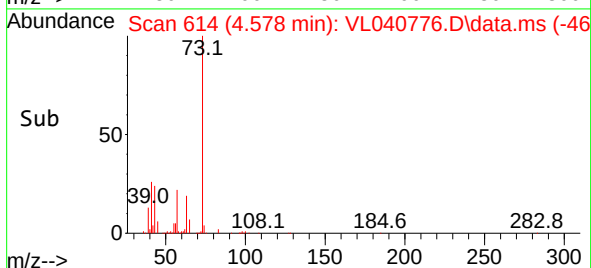
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

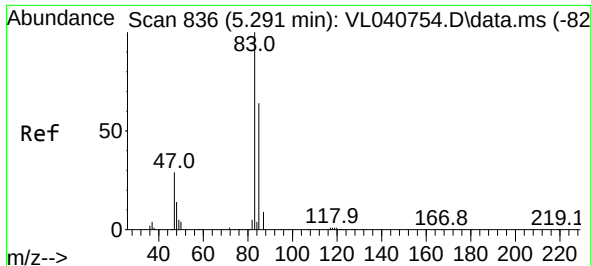


#28
Methyl tert-Butyl Ether
Concen: 9.157 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



Tgt Ion: 73 Resp: 740543
Ion Ratio Lower Upper
73 100
57 23.8 18.9 28.3





#29

Chloroform

Concen: 10.265 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.029 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 154476

Ion Ratio Lower Upper

83 100

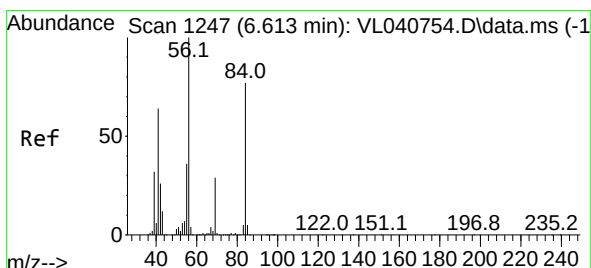
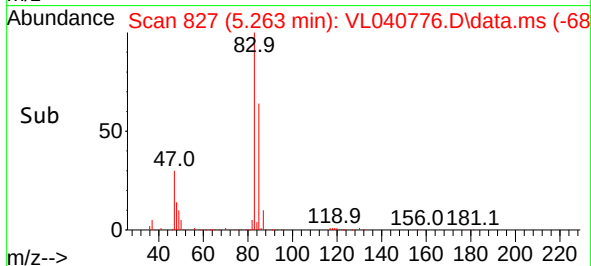
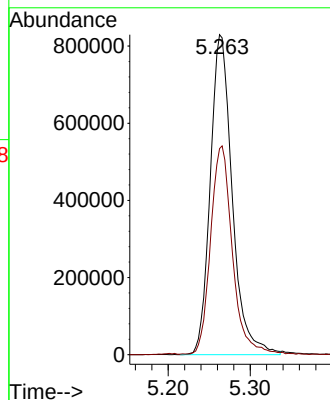
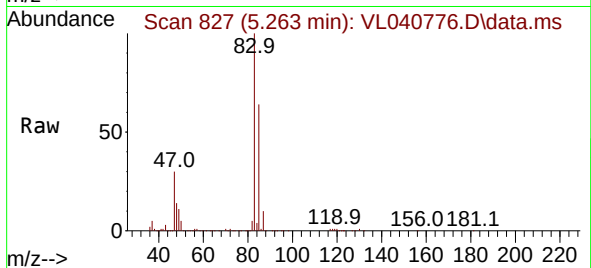
85 64.3 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Cyclohexane

Concen: 9.963 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.029 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

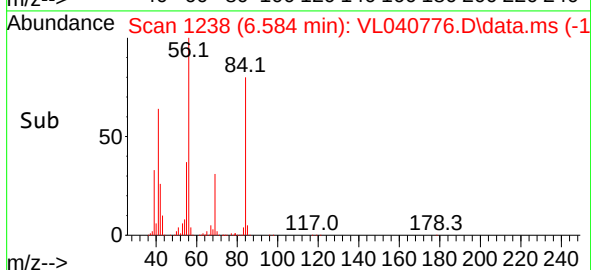
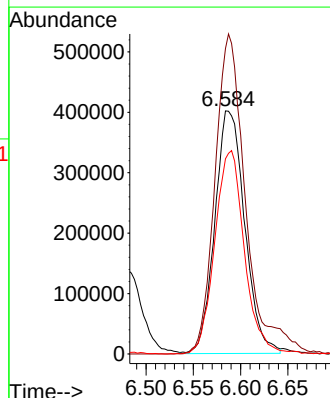
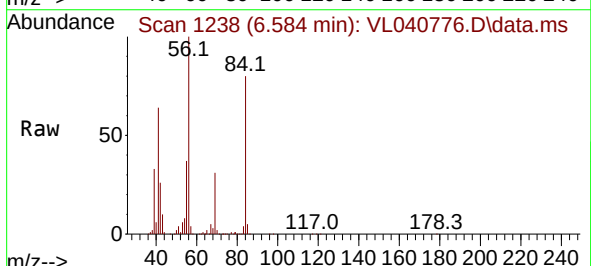
Tgt Ion: 84 Resp: 881722

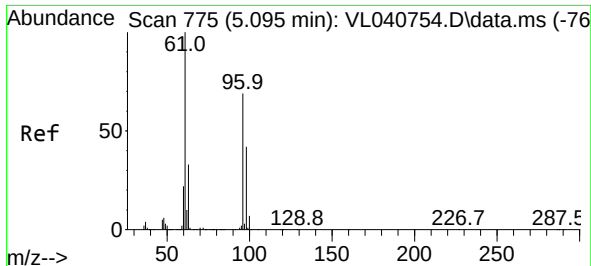
Ion Ratio Lower Upper

84 100

56 135.9 110.3 165.5

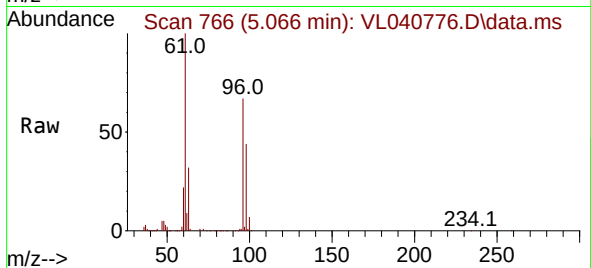
41 83.6 67.4 101.2





#31
cis-1,2-Dichloroethene
Concen: 10.529 ppbv
RT: 5.066 min Scan# 70
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

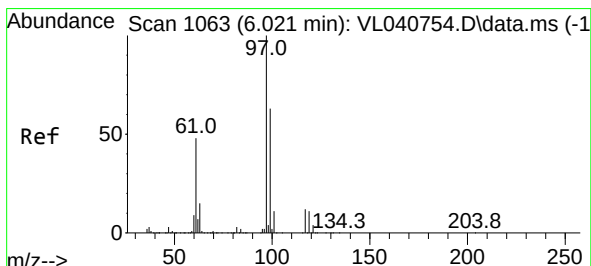
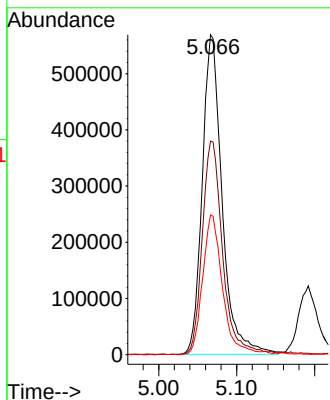
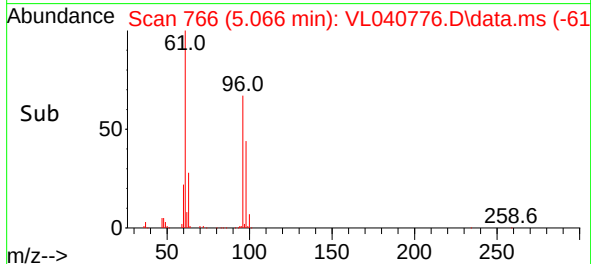
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



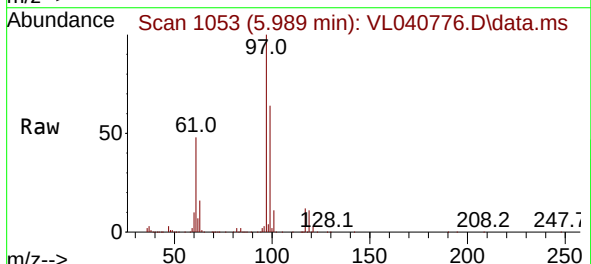
Tgt Ion: 61 Resp: 1009085
Ion Ratio Lower Upper
61 100
96 66.7 55.1 82.7
98 43.7 33.5 50.3

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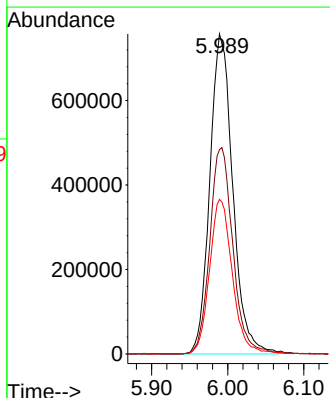
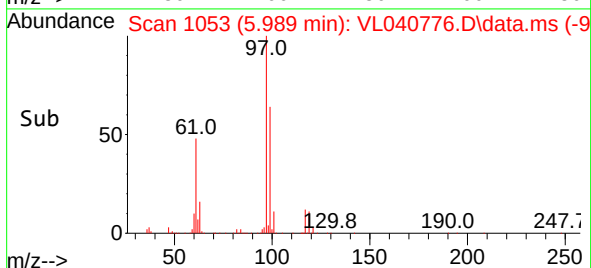
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

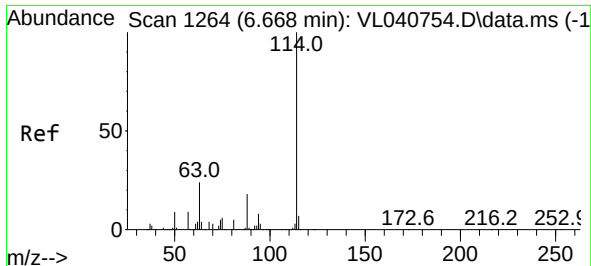


#32
1,1,1-Trichloroethane
Concen: 9.897 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. -0.032 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



Tgt Ion: 97 Resp: 1585065
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 48.5 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 279036

Ion Ratio Lower Upper

114 100

63 23.8 19.8 29.6

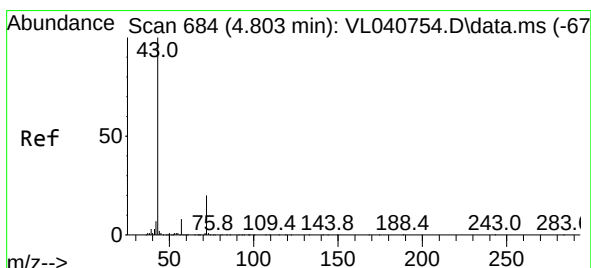
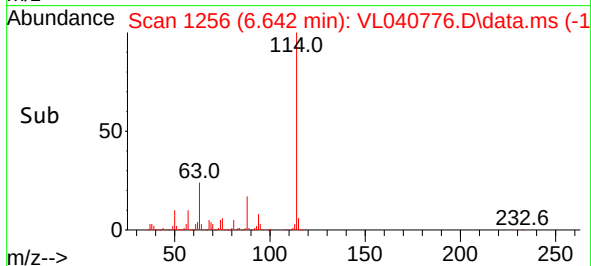
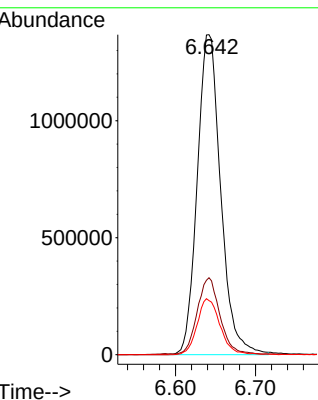
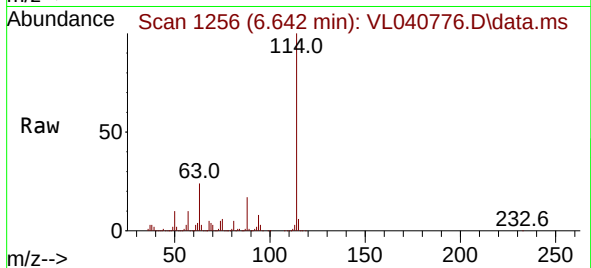
88 17.2 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

2-Butanone

Concen: 8.635 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.029 min

Lab File: VL040776.D

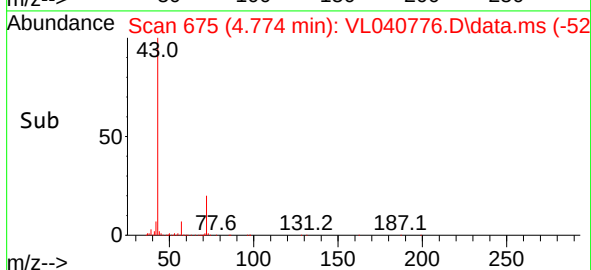
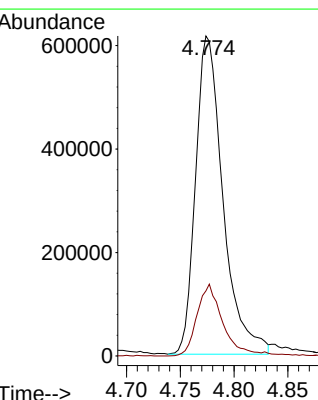
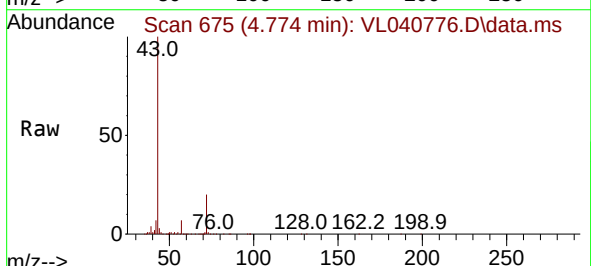
Acq: 23 Oct 2023 12:50

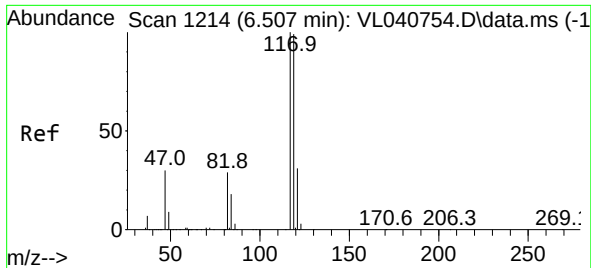
Tgt Ion: 43 Resp: 1090660

Ion Ratio Lower Upper

43 100

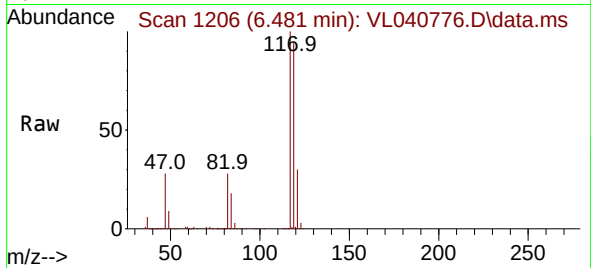
72 21.8 16.8 25.2





#35
Carbon Tetrachloride
Concen: 10.659 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

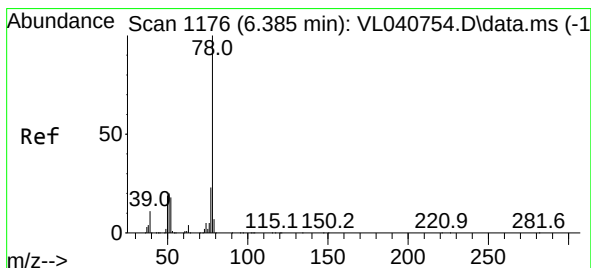
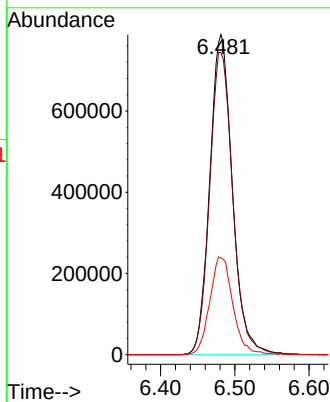
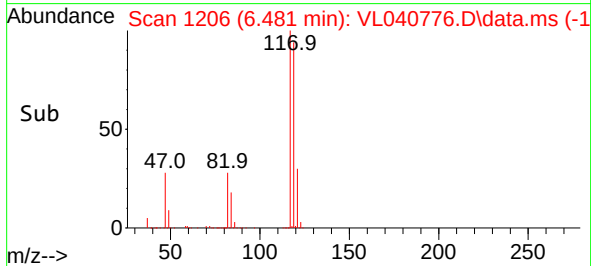
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 166935
Ion Ratio Lower Upper
117 100
119 94.4 79.4 119.0
121 30.3 25.0 37.4

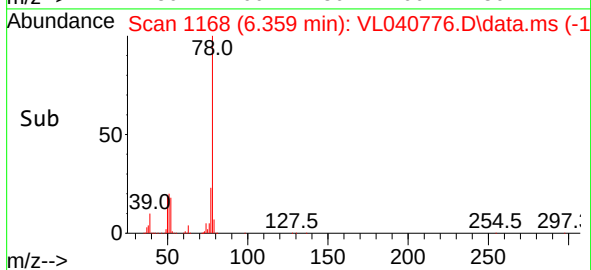
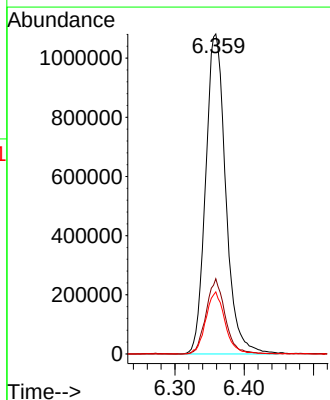
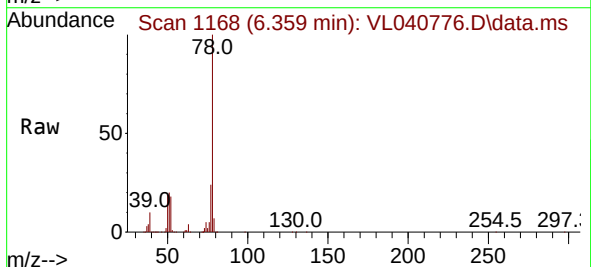
Manual Integrations
APPROVED

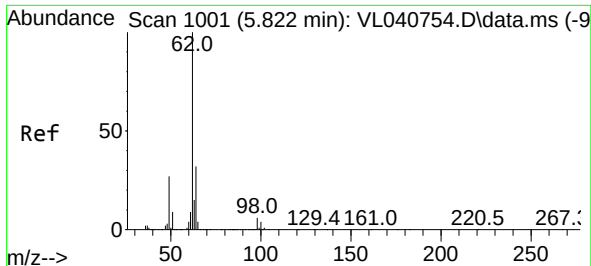
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#36
Benzene
Concen: 10.137 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 78 Resp: 2175608
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6
50 19.4 15.0 22.4





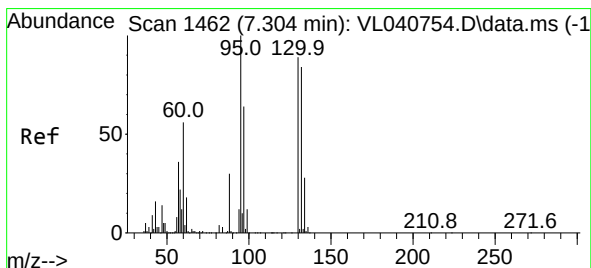
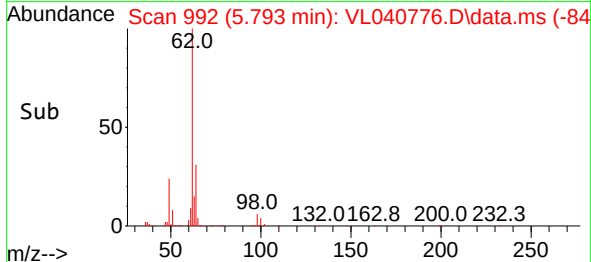
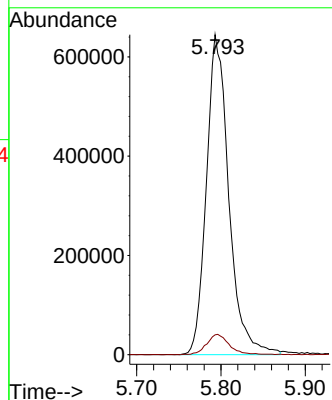
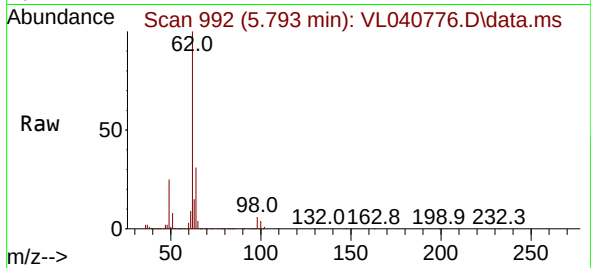
#37
1,2-Dichloroethane
Concen: 10.857 ppbv
RT: 5.793 min Scan# 91
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 119338
Ion Ratio Lower Upper
62 100
98 6.5 5.4 8.0

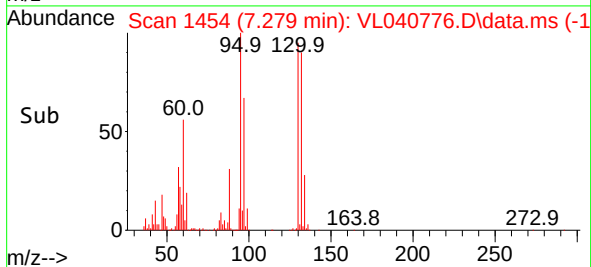
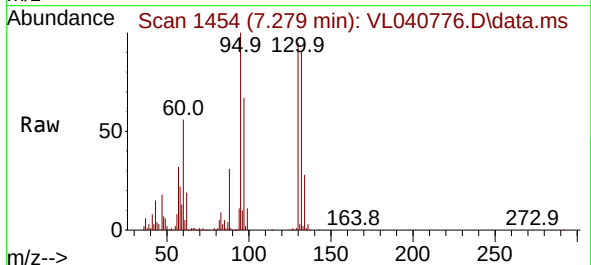
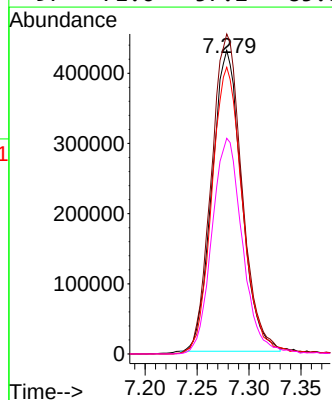
Manual Integrations
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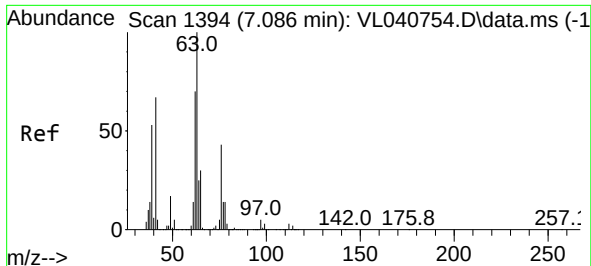
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#38
Trichloroethene
Concen: 8.936 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion:130 Resp: 848792
Ion Ratio Lower Upper
130 100
95 106.1 89.4 134.2
132 95.2 74.8 112.2
97 71.6 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.046 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

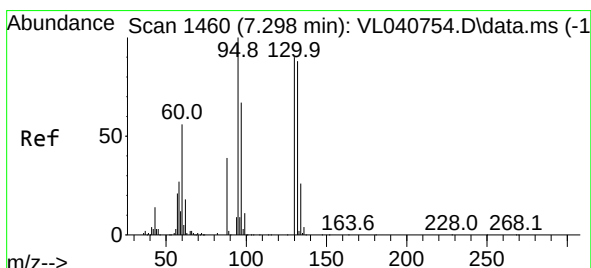
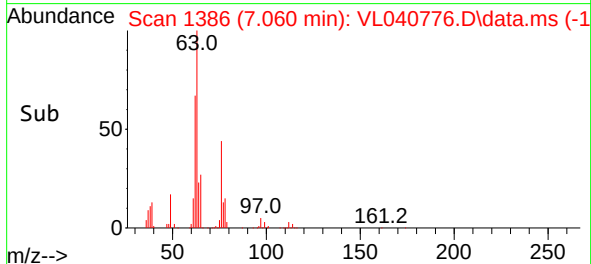
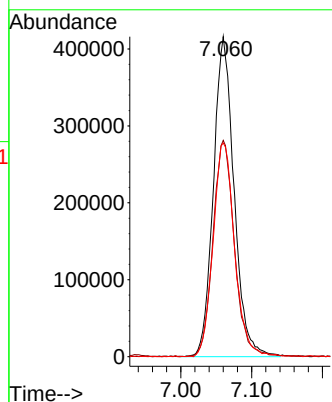
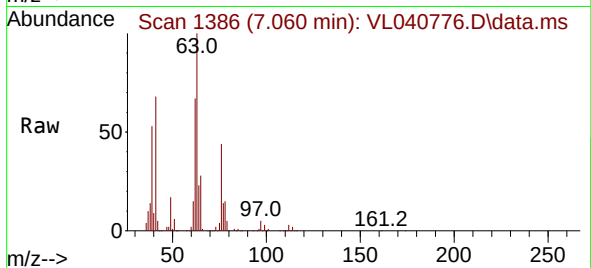
Tgt Ion: 63 Resp: 842334

Ion	Ratio	Lower	Upper
63	100		
41	67.4	53.7	80.5
62	66.8	55.7	83.5

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 11.328 ppbv

RT: 7.272 min Scan# 1452

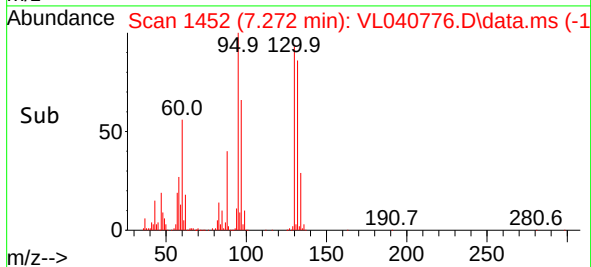
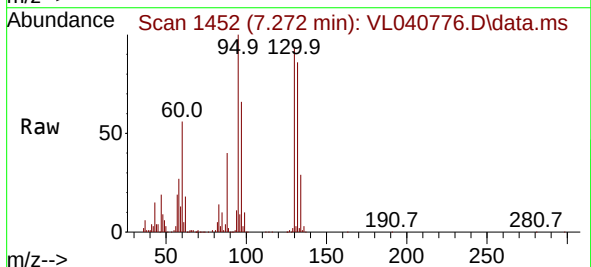
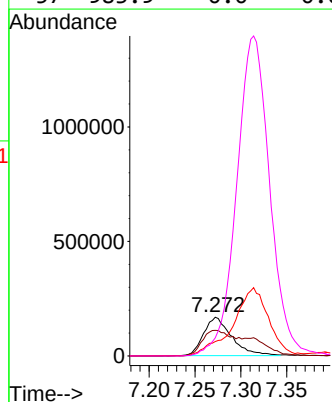
Delta R.T. -0.026 min

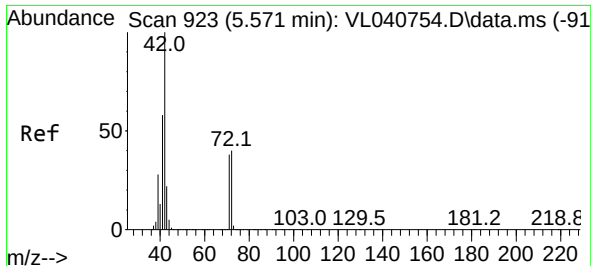
Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Tgt Ion: 88 Resp: 359454

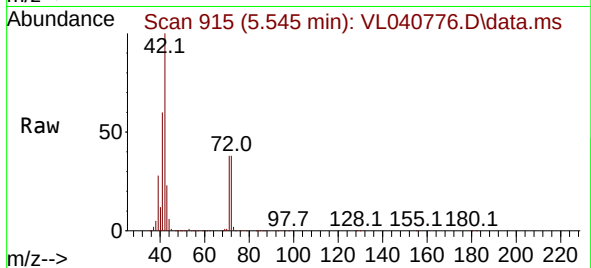
Ion	Ratio	Lower	Upper
88	100		
58	117.8	100.0	150.0
43	225.7	0.0	0.0#
57	983.9	0.0	0.0#





#41
Tetrahydrofuran
Concen: 9.919 ppbv
RT: 5.545 min Scan# 915
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

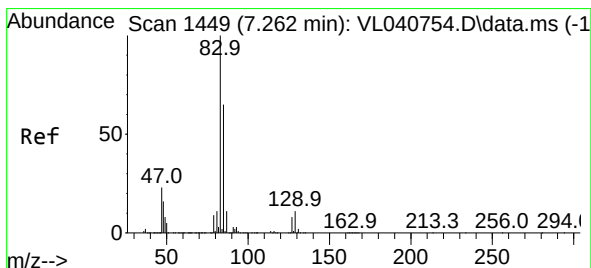
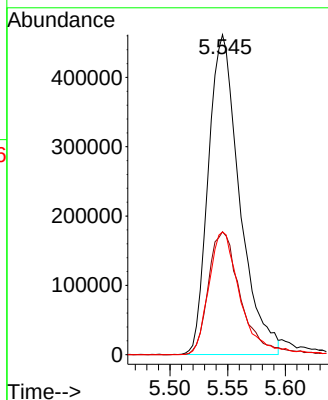
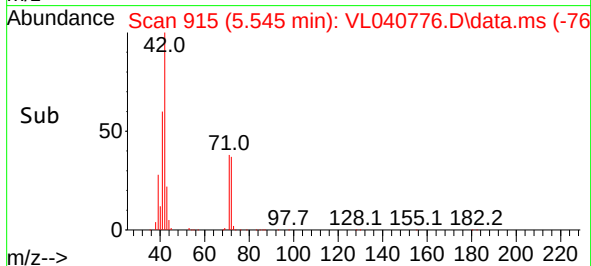
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



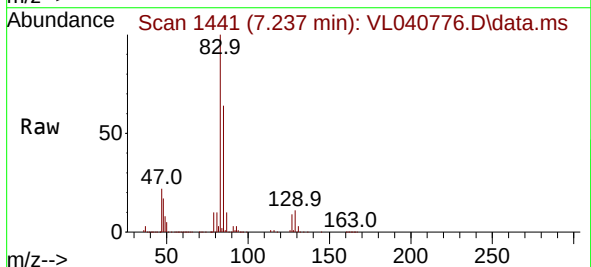
Tgt Ion: 42 Resp: 867593
Ion Ratio Lower Upper
42 100
72 40.6 31.1 46.7
71 39.6 29.7 44.5

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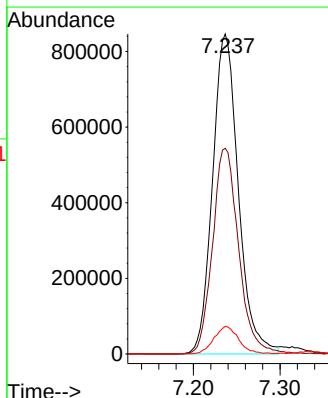
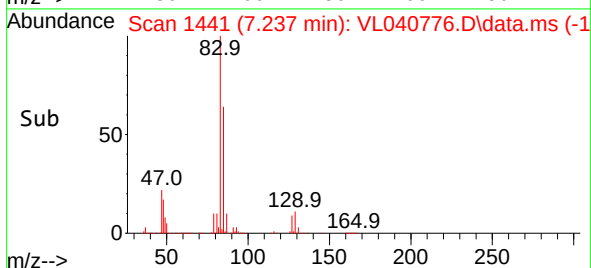
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

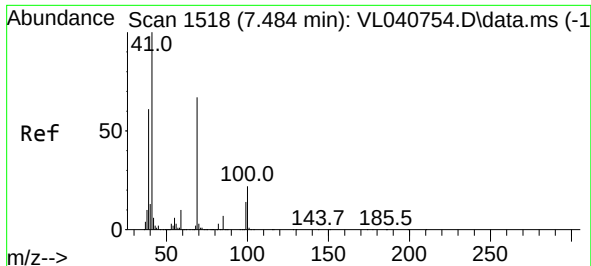


#42
Bromodichloromethane
Concen: 10.634 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



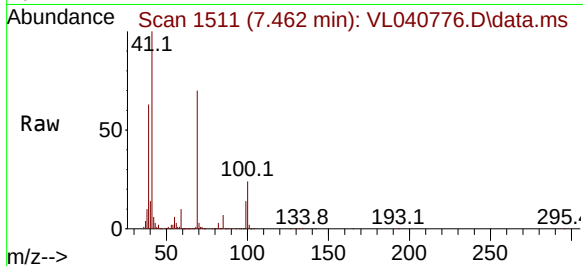
Tgt Ion: 83 Resp: 1750928
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1
127 8.6 6.7 10.1





#43
Methyl Methacrylate
Concen: 10.400 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

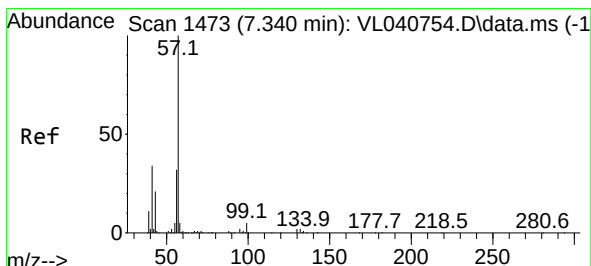
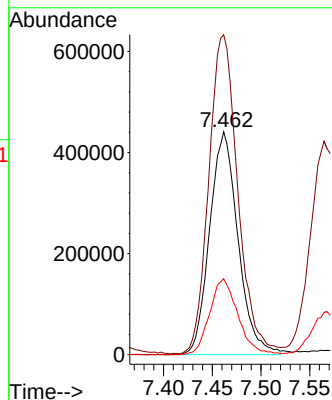
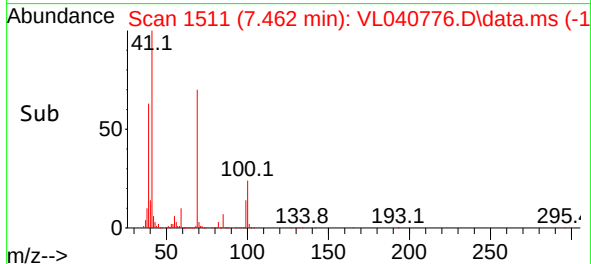
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 893544
Ion Ratio Lower Upper
69 100
41 147.3 120.6 181.0
100 34.0 27.1 40.7

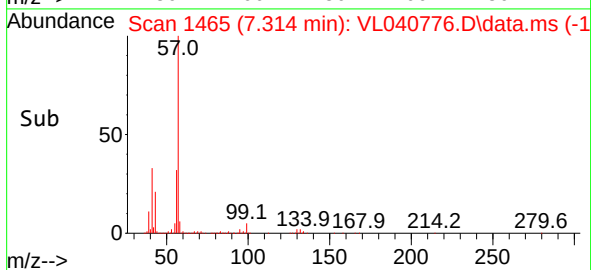
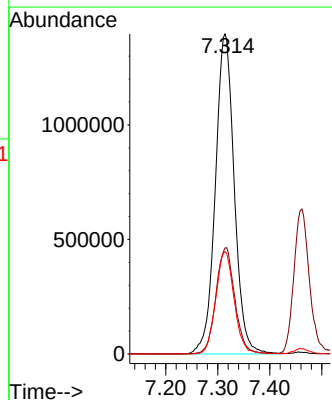
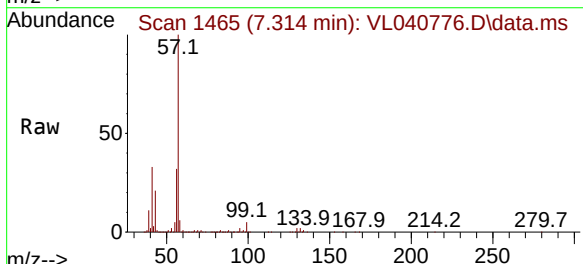
Manual Integrations
APPROVED

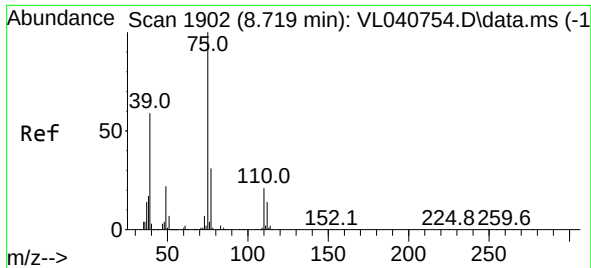
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#44
2,2,4-Trimethylpentane
Concen: 9.737 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

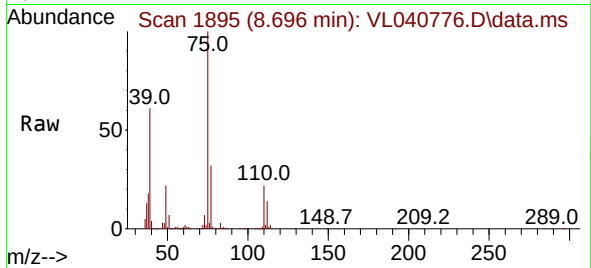
Tgt Ion: 57 Resp: 3534010
Ion Ratio Lower Upper
57 100
41 33.1 27.4 41.0
56 31.2 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 11.315 ppbv
RT: 8.696 min Scan# 1718
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

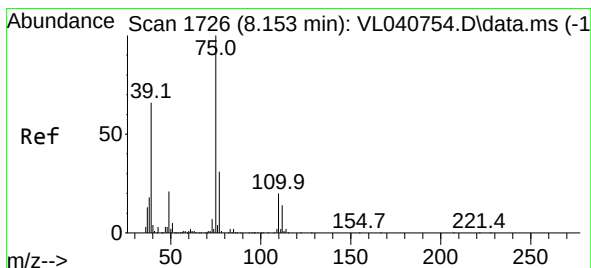
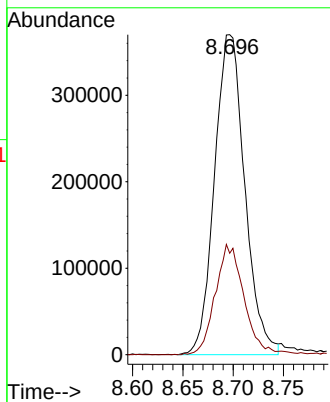
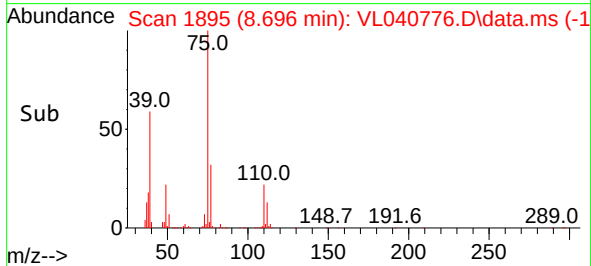
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 77516
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3

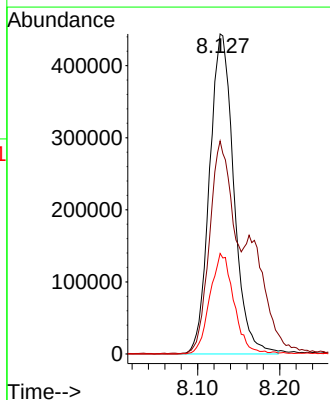
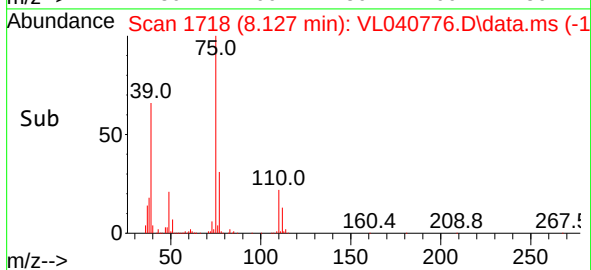
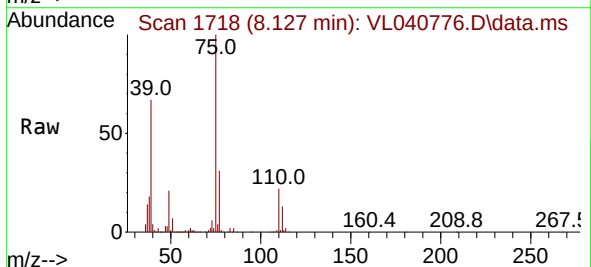
Manual Integrations
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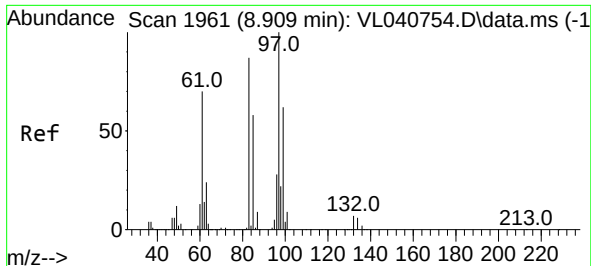
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#46
cis-1,3-Dichloropropene
Concen: 10.926 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 75 Resp: 914484
Ion Ratio Lower Upper
75 100
39 66.4 52.4 78.6
77 31.4 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.245 ppbv

RT: 8.883 min Scan# 1961

Delta R.T. -0.026 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 902390

Ion Ratio Lower Upper

97 100

83 88.1 69.5 104.3

85 55.1 46.6 69.8

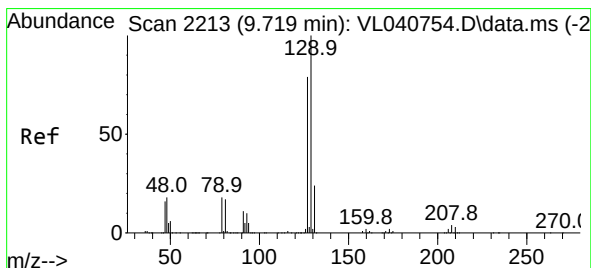
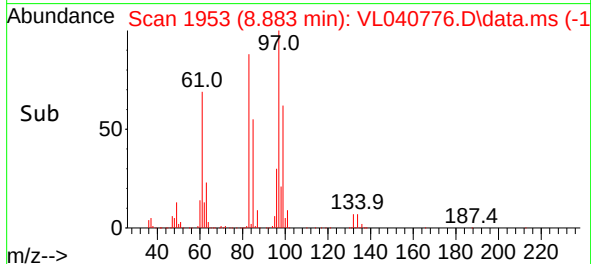
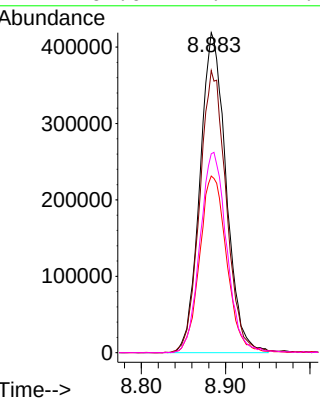
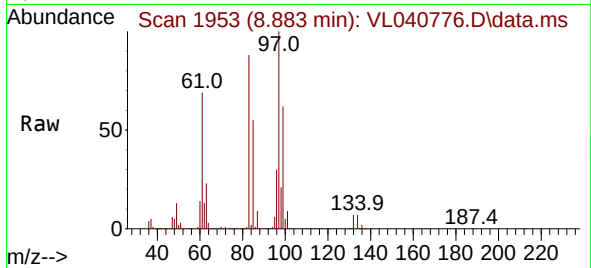
99 62.0 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#48

Dibromochloromethane

Concen: 10.895 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.022 min

Lab File: VL040776.D

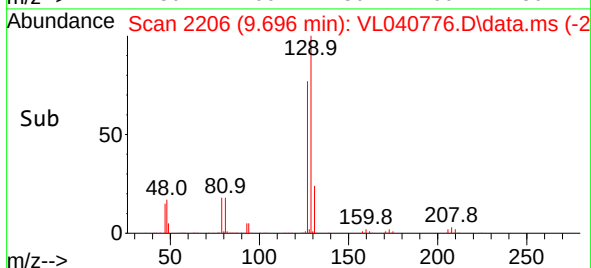
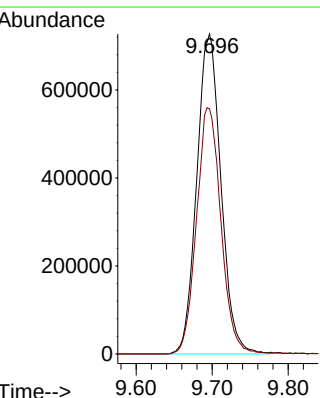
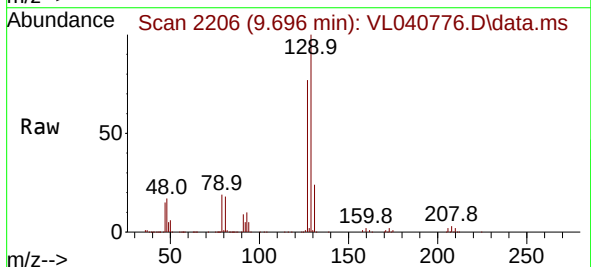
Acq: 23 Oct 2023 12:50

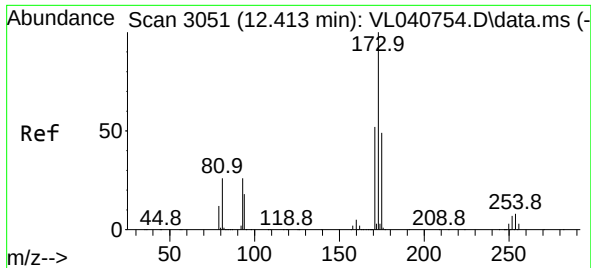
Tgt Ion:129 Resp: 1608151

Ion Ratio Lower Upper

129 100

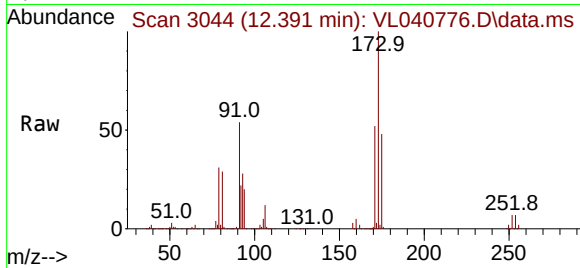
127 77.8 39.1 117.3





#49
Bromoform
Concen: 10.790 ppbv
RT: 12.391 min Scan# 3051
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

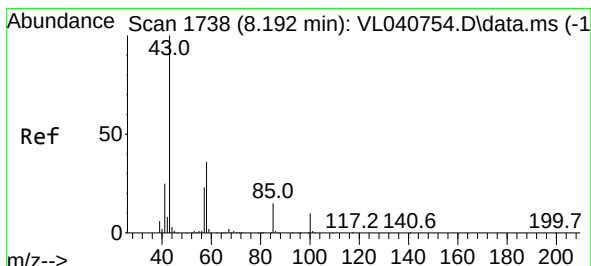
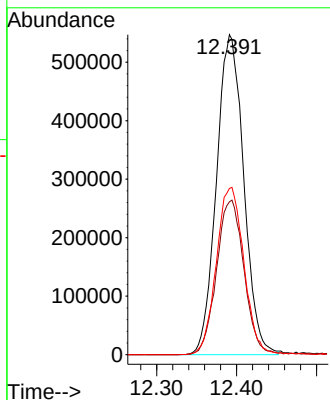
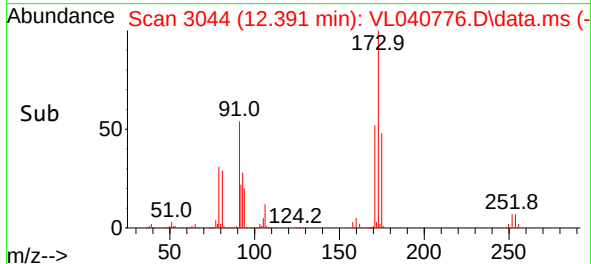
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1294684
Ion Ratio Lower Upper
173 100
175 48.9 39.2 58.8
171 53.2 42.0 63.0

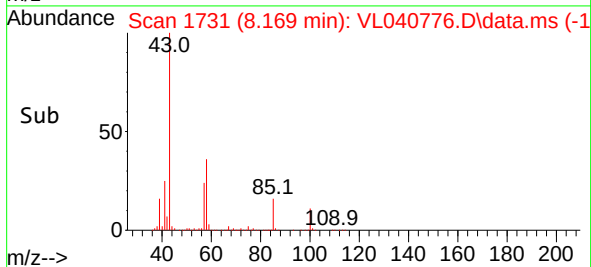
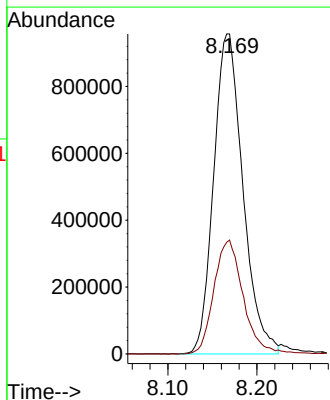
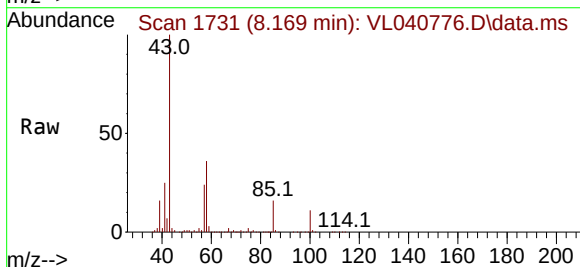
Manual Integrations
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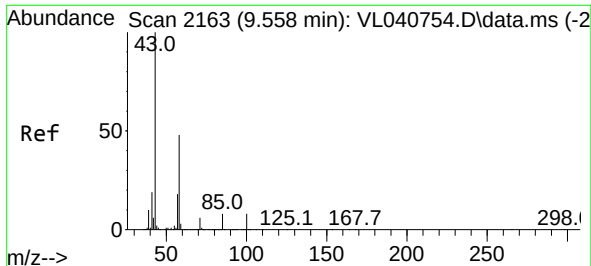
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#50
4-Methyl-2-Pentanone
Concen: 10.094 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

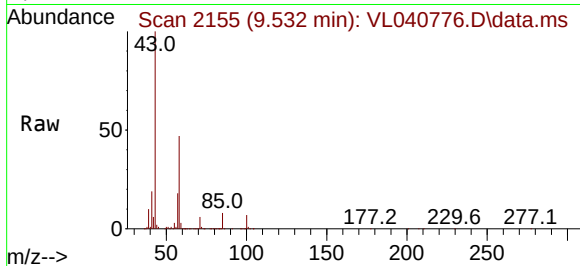
Tgt Ion: 43 Resp: 2181041
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2





#51
2-Hexanone
Concen: 10.044 ppbv
RT: 9.532 min Scan# 2163
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

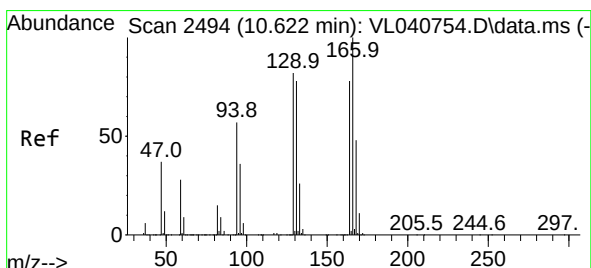
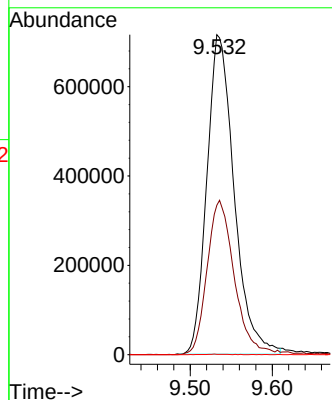
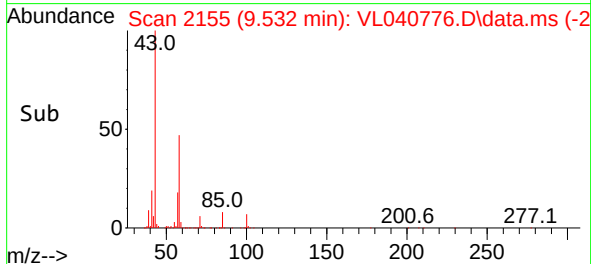
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1651740
Ion Ratio Lower Upper
43 100
58 49.0 38.6 58.0
98 0.1 0.0 0.0

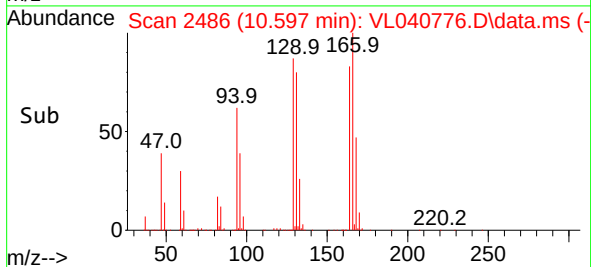
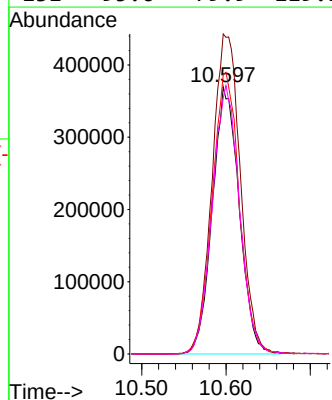
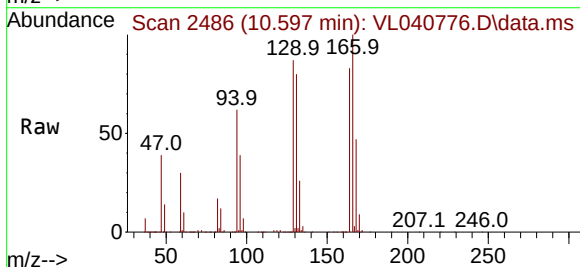
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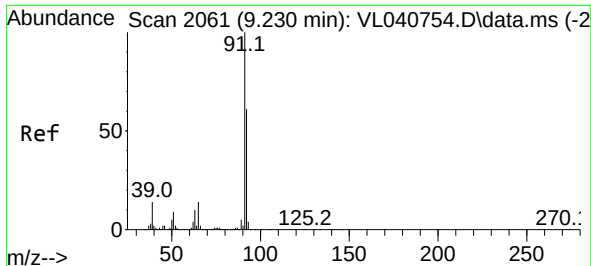
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#52
Tetrachloroethene
Concen: 9.342 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

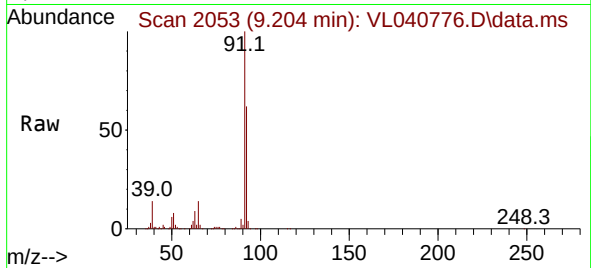
Tgt Ion:164 Resp: 814440
Ion Ratio Lower Upper
164 100
166 119.7 102.4 153.6
129 104.3 84.2 126.4
131 95.6 79.9 119.9





#53
Toluene
Concen: 9.905 ppbv
RT: 9.204 min Scan# 2061
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

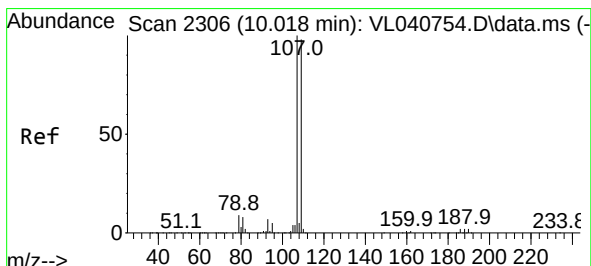
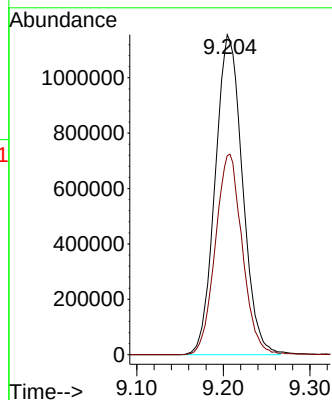
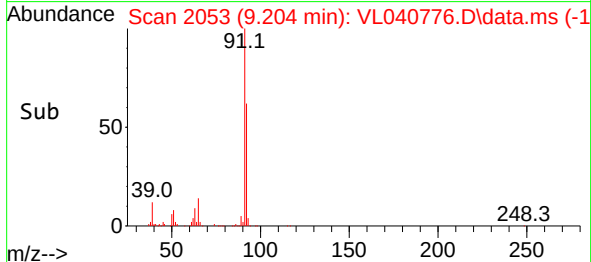
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



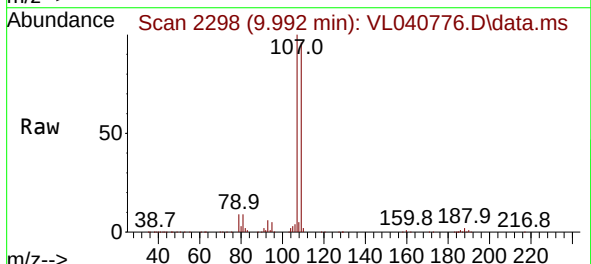
Tgt Ion: 91 Resp: 253000
Ion Ratio Lower Upper
91 100
92 62.2 50.2 75.2

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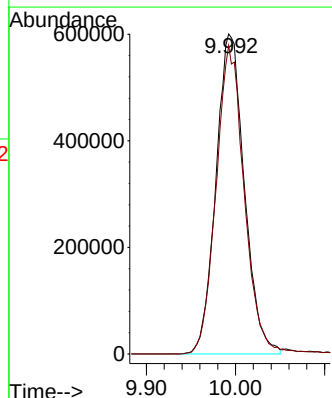
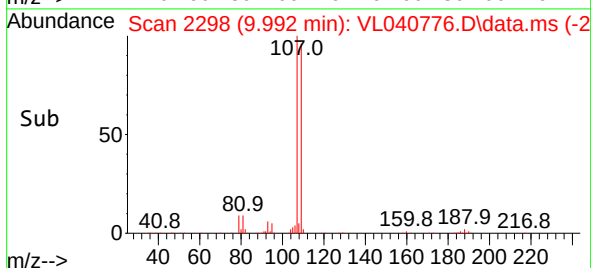
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

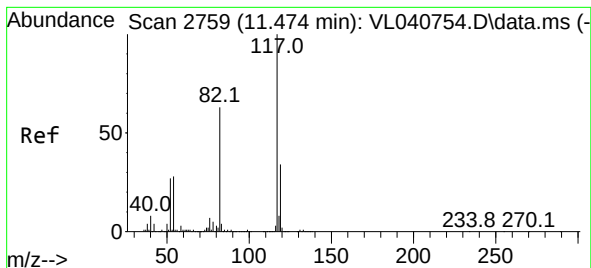


#54
1,2-Dibromoethane
Concen: 10.765 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



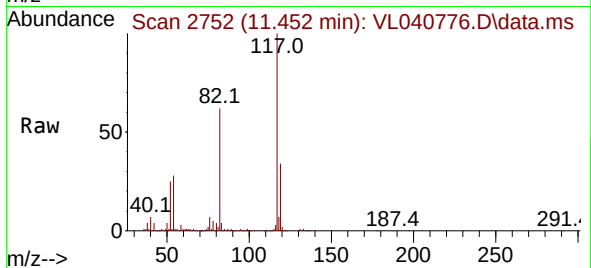
Tgt Ion:107 Resp: 1329244
Ion Ratio Lower Upper
107 100
109 96.4 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 2759
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

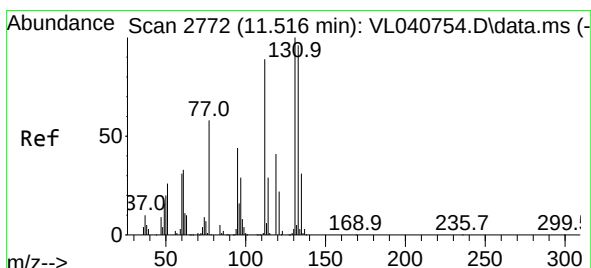
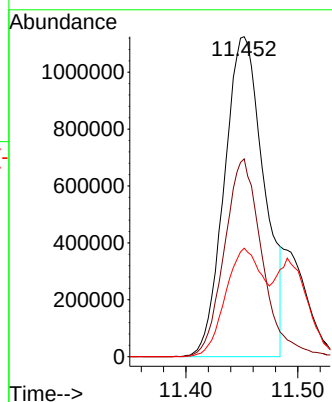
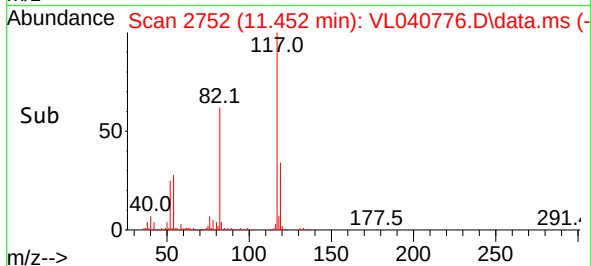
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



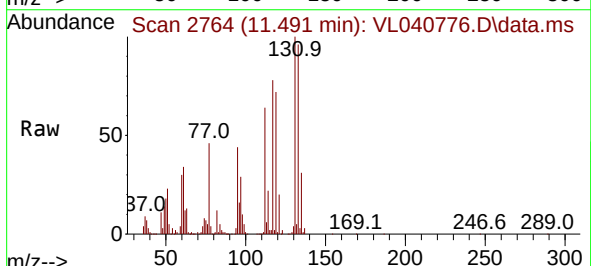
Tgt Ion:117 Resp: 276937
Ion Ratio Lower Upper
117 100
82 59.5 46.6 70.0
119 30.5 26.0 39.0

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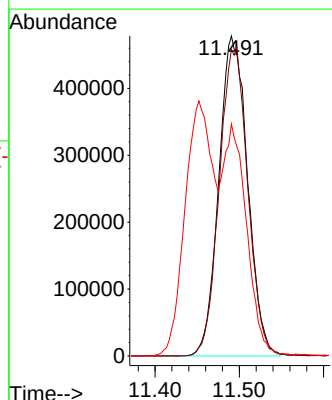
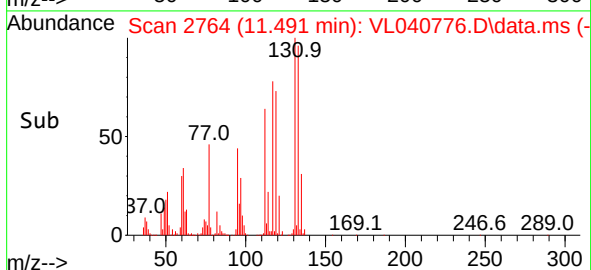
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

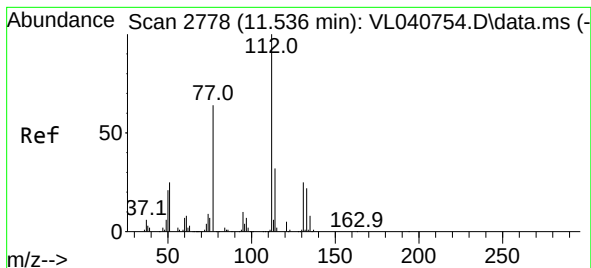


#56
1,1,1,2-Tetrachloroethane
Concen: 10.007 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



Tgt Ion:131 Resp: 1131033
Ion Ratio Lower Upper
131 100
133 95.9 75.0 112.6
119 57.3 45.4 68.0





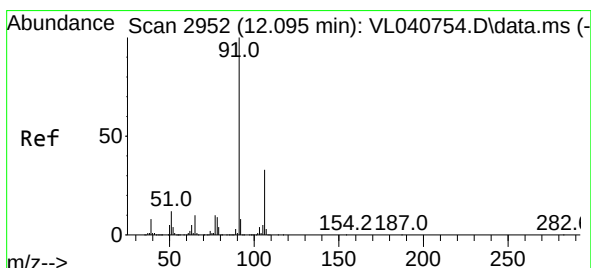
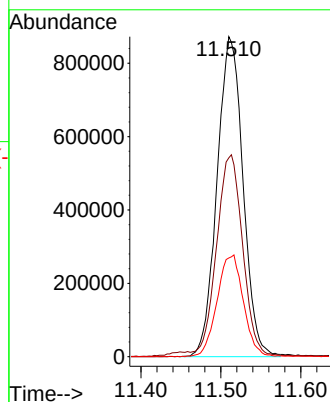
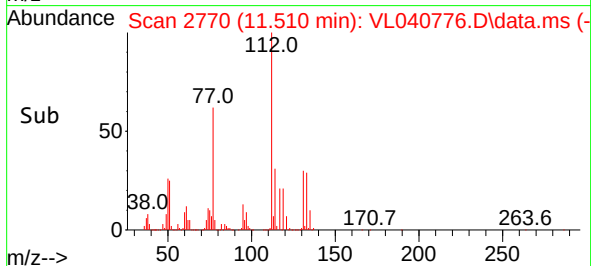
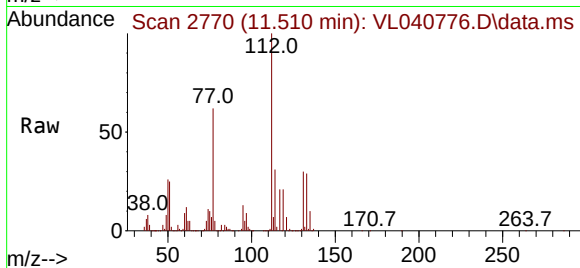
#57
Chlorobenzene
Concen: 9.917 ppbv
RT: 11.510 min Scan# 2111
Delta R.T. -0.026 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1967868
Ion Ratio Lower Upper
112 100
77 61.7 51.9 77.9
114 30.9 28.6 35.0

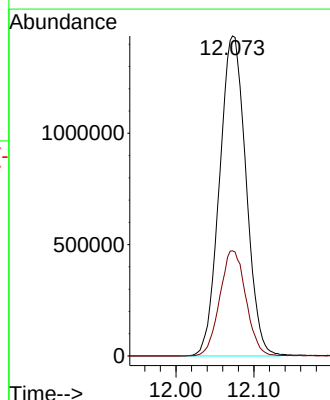
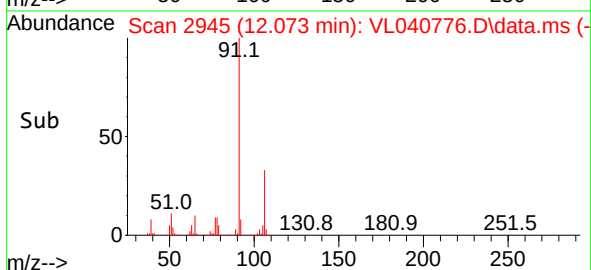
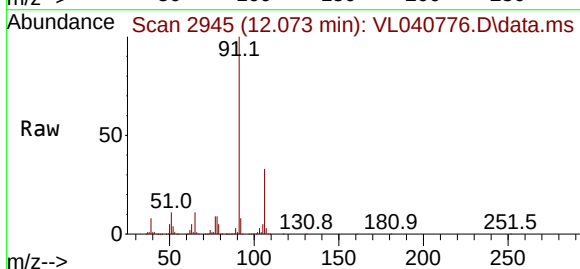
Manual Integrations
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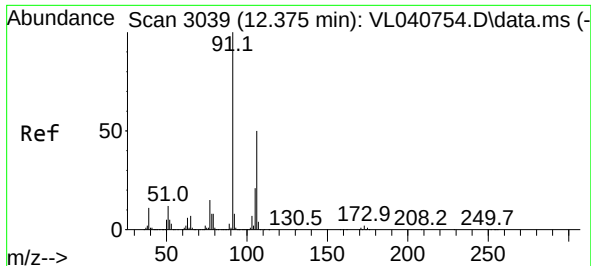
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#58
Ethyl Benzene
Concen: 9.729 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 91 Resp: 3392339
Ion Ratio Lower Upper
91 100
106 32.8 26.7 40.1





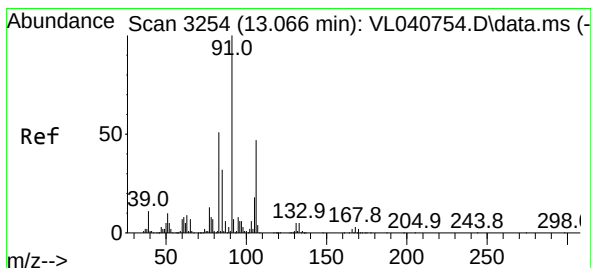
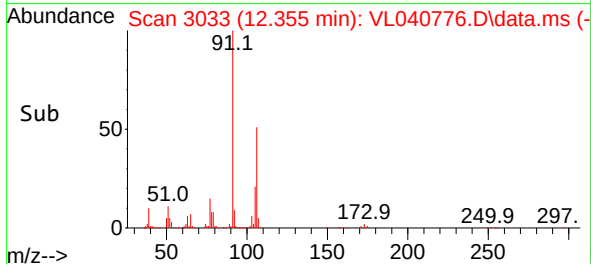
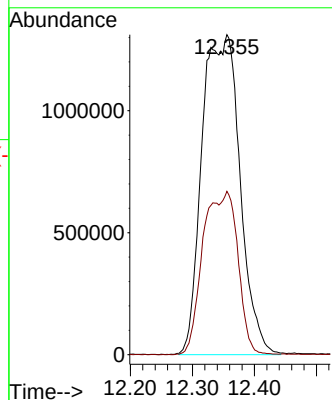
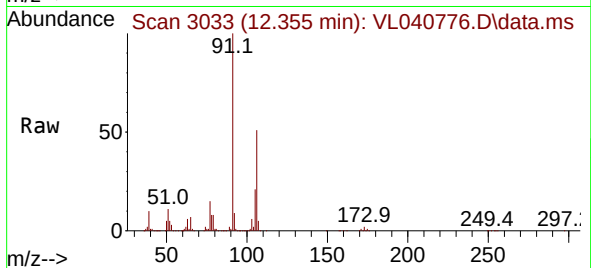
#59
m/p-Xylene
Concen: 19.379 ppbv m
RT: 12.355 min Scan# 3033
Delta R.T. -0.019 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 556135
Ion Ratio Lower Upper
91 100
106 46.9 37.7 56.5

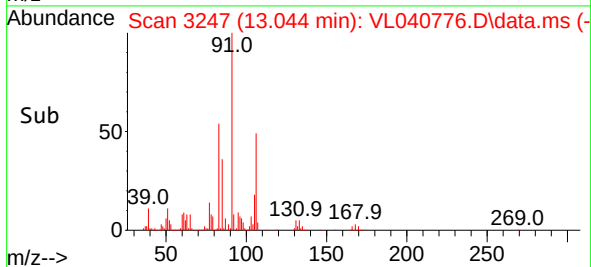
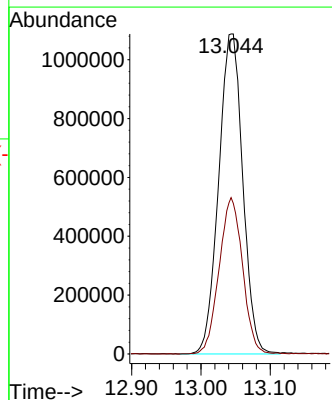
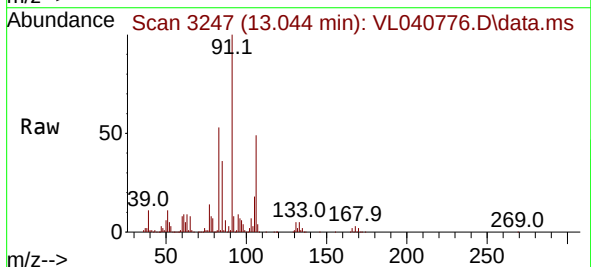
Manual Integrations
APPROVED

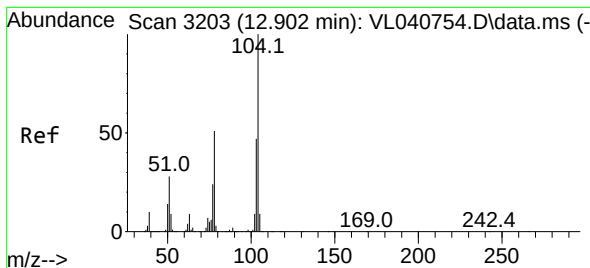
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
o-Xylene
Concen: 9.602 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion: 91 Resp: 2625658
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.5





#61

Styrene

Concen: 10.200 ppbv

RT: 12.880 min Scan# 3196

Delta R.T. -0.022 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1545314

Ion Ratio Lower Upper

104 100

78 49.5 39.8 59.6

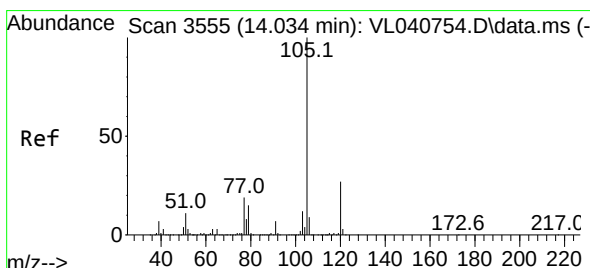
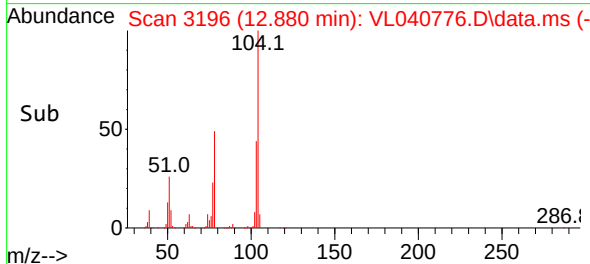
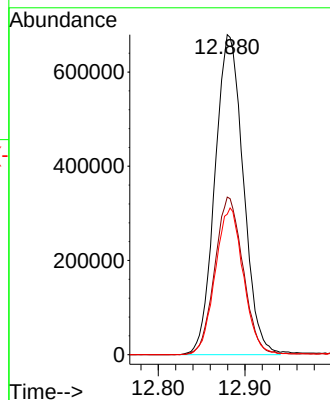
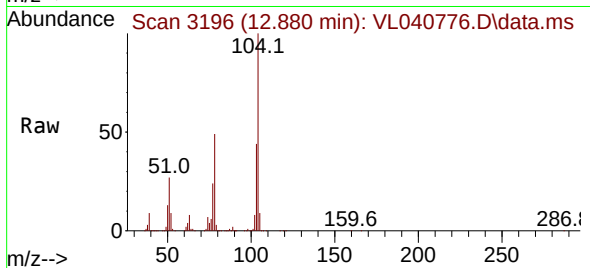
103 45.9 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#62

Isopropylbenzene

Concen: 9.617 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. -0.019 min

Lab File: VL040776.D

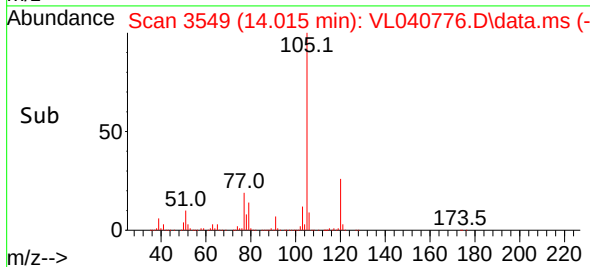
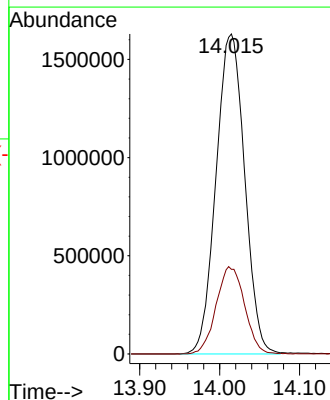
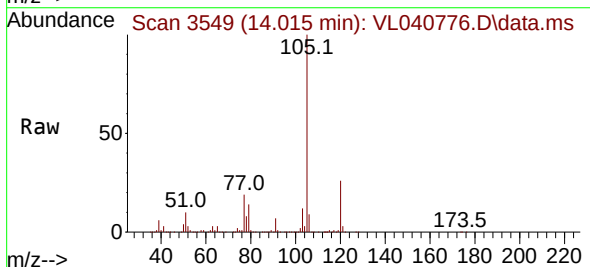
Acq: 23 Oct 2023 12:50

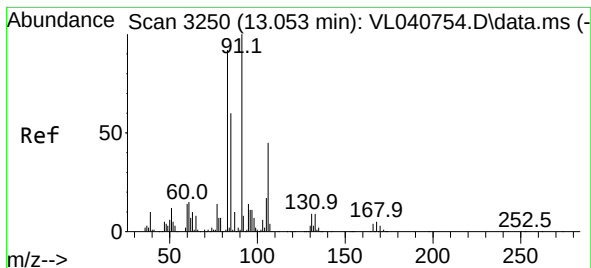
Tgt Ion:105 Resp: 4045350

Ion Ratio Lower Upper

105 100

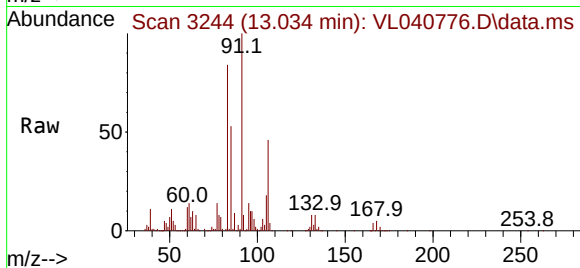
120 27.1 21.5 32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.030 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

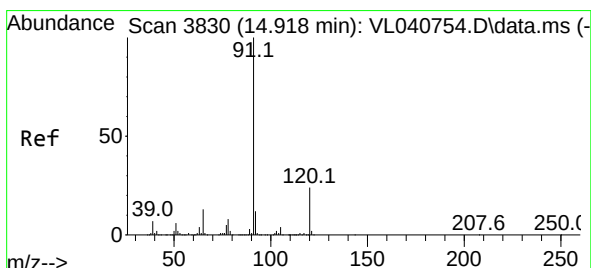
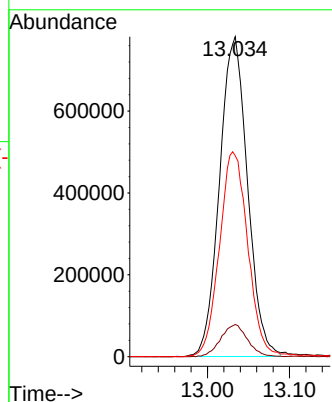
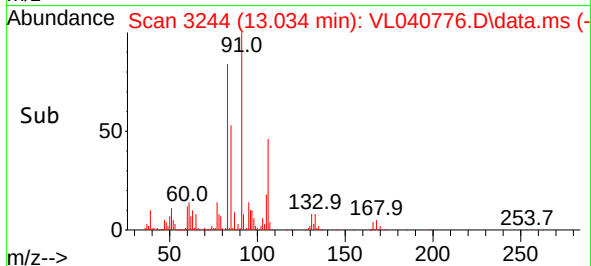
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



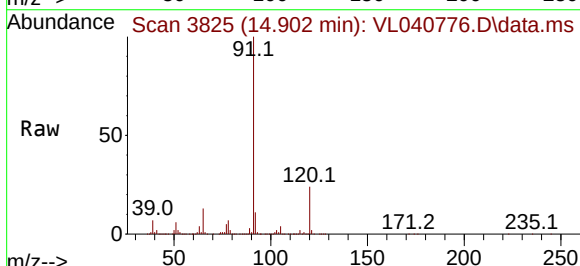
Tgt Ion: 83 Resp: 1851204
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 65.8 32.9 98.7

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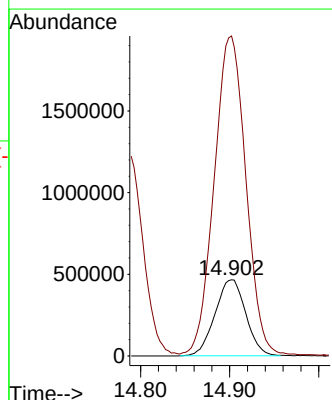
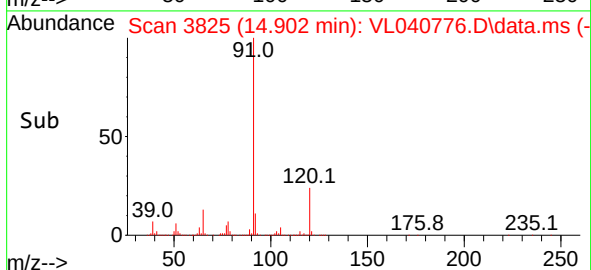
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

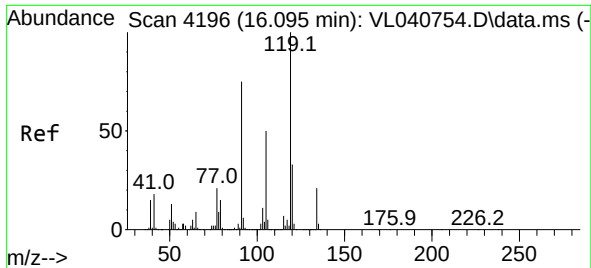


#64
n-propylbenzene
Concen: 9.871 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.016 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



Tgt Ion:120 Resp: 1115455
Ion Ratio Lower Upper
120 100
91 437.4 345.9 518.9





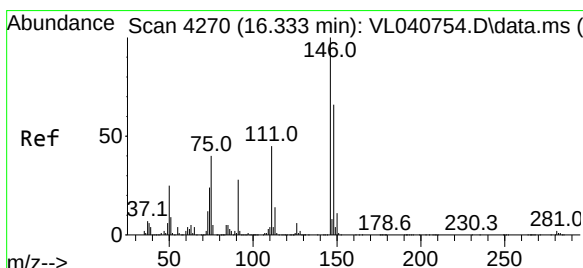
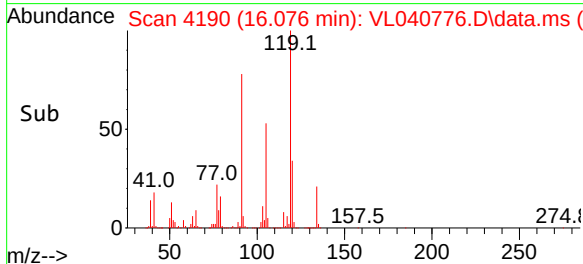
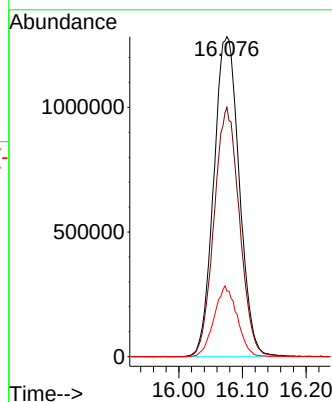
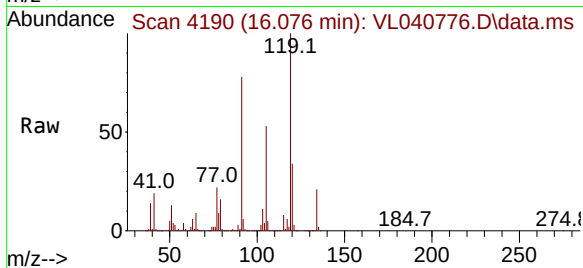
#65
tert-Butylbenzene
Concen: 9.409 ppbv
RT: 16.076 min Scan# 4196
Delta R.T. -0.019 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 3569699
Ion Ratio Lower Upper
119 100
91 77.6 62.2 93.2
134 20.1 16.1 24.1

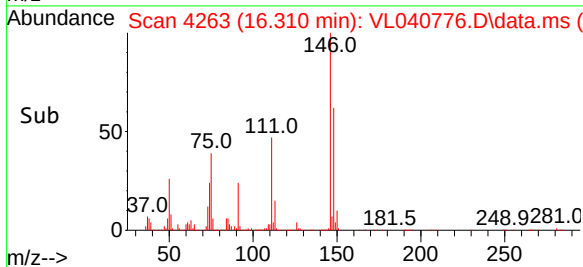
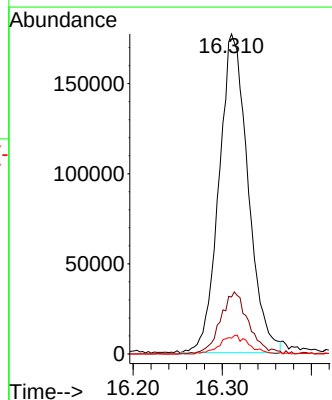
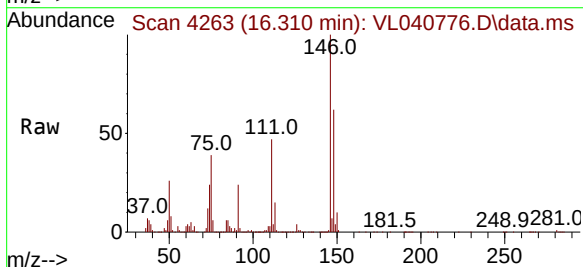
Manual Integrations
APPROVED

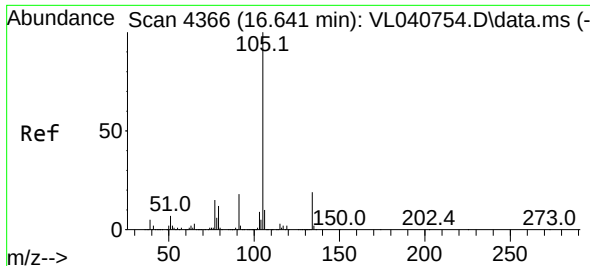
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
Benzyl Chloride
Concen: 10.473 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

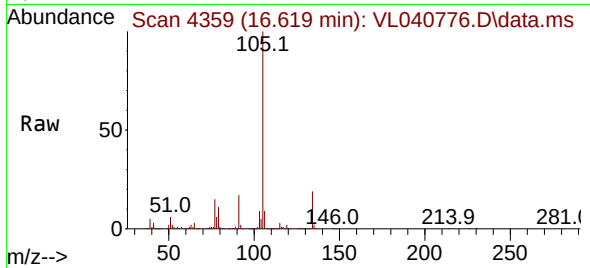
Tgt Ion: 91 Resp: 400328
Ion Ratio Lower Upper
91 100
126 19.4 16.1 24.1
128 5.9 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 9.675 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

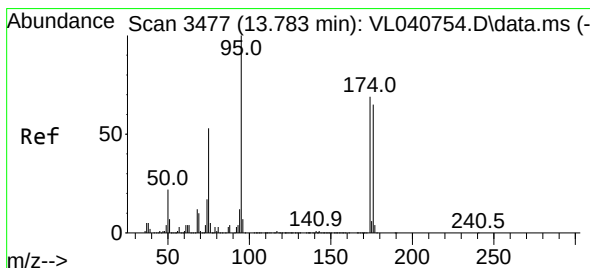
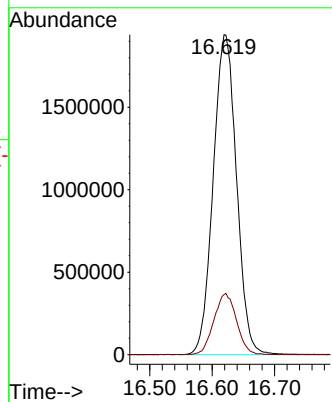
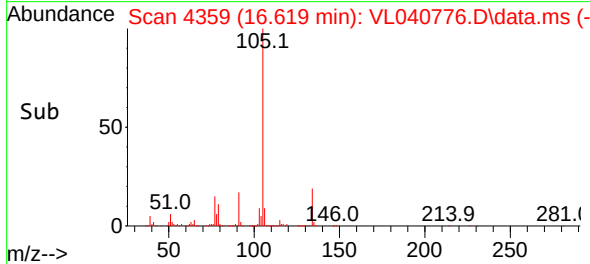
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 502609
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.2

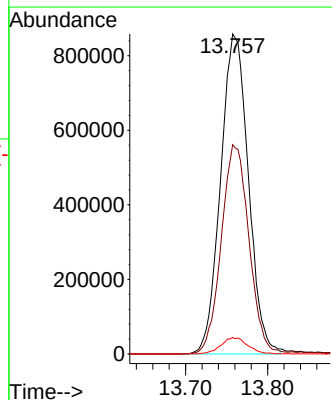
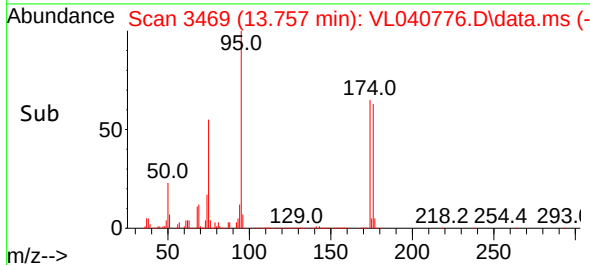
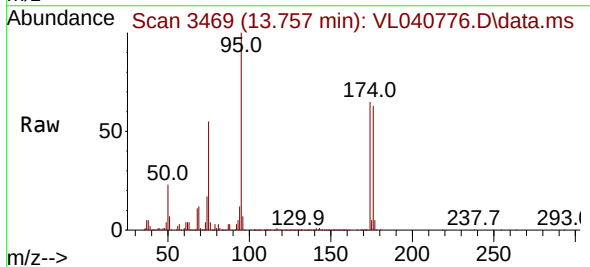
Manual Integrations
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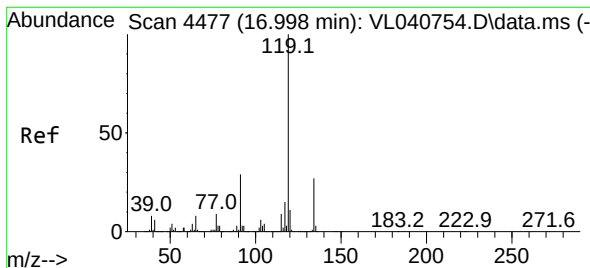
Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.925 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. -0.026 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

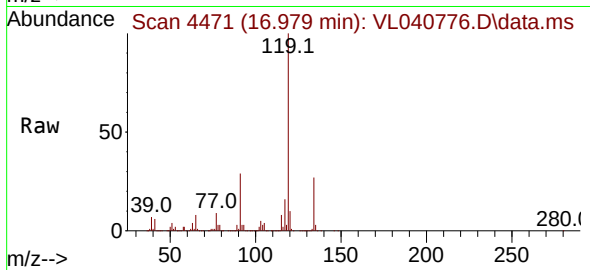
Tgt Ion: 95 Resp: 2022497
 Ion Ratio Lower Upper
 95 100
 174 65.9 54.7 82.1
 175 5.0 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.625 ppbv
RT: 16.979 min Scan# 4477
Delta R.T. -0.019 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

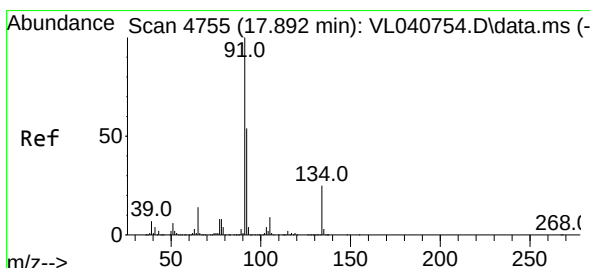
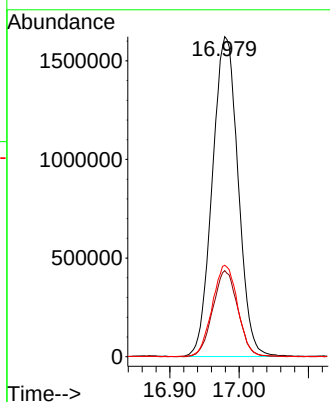
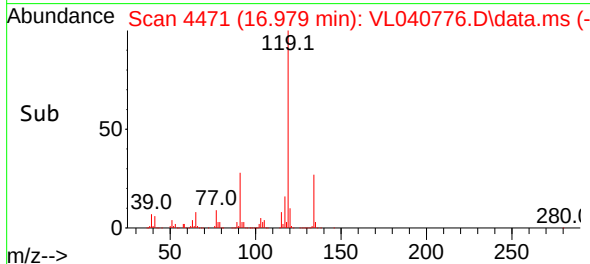
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



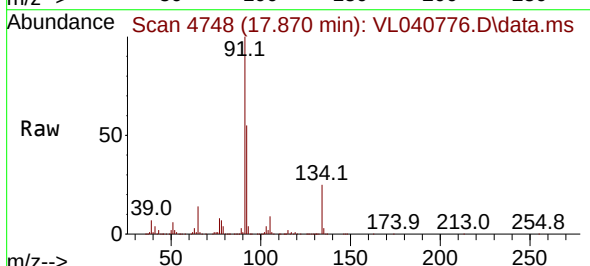
Tgt Ion:119 Resp: 4189593
Ion Ratio Lower Upper
119 100
134 26.2 21.0 31.4
91 28.3 22.8 34.2

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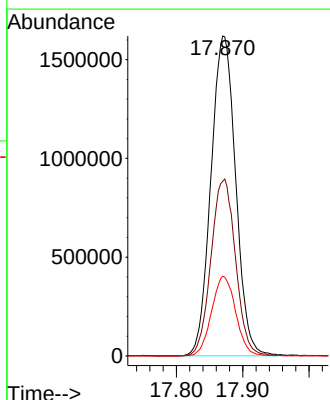
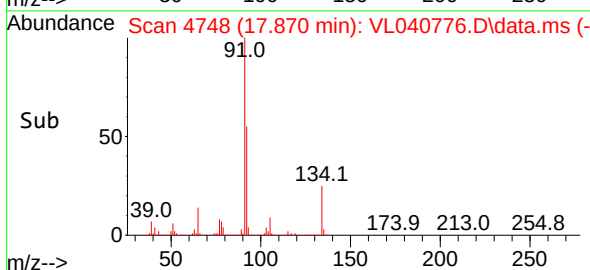
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

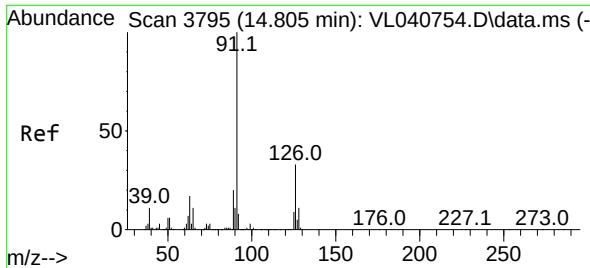


#70
n-Butylbenzene
Concen: 9.817 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



Tgt Ion: 91 Resp: 4195898
Ion Ratio Lower Upper
91 100
92 54.9 44.1 66.1
134 24.4 19.5 29.3





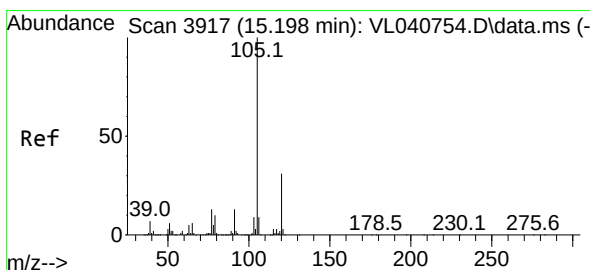
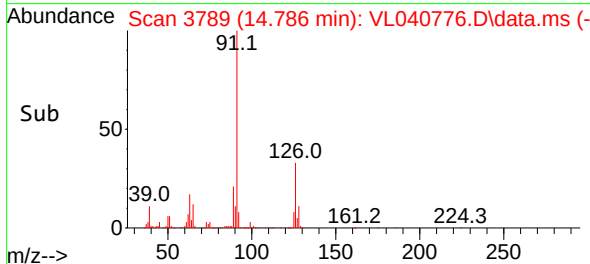
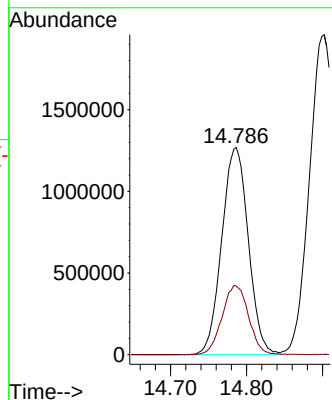
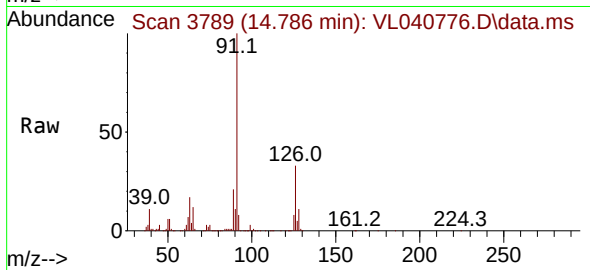
#71
2-Chlorotoluene
Concen: 9.747 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3080130
Ion Ratio Lower Upper
91 100
126 33.3 13.3 53.1

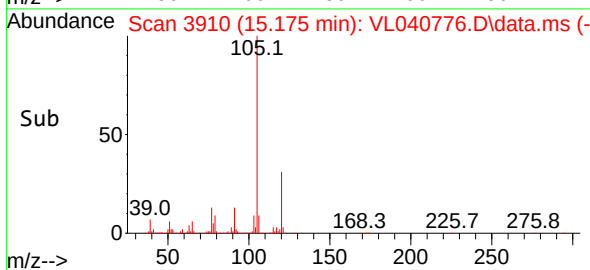
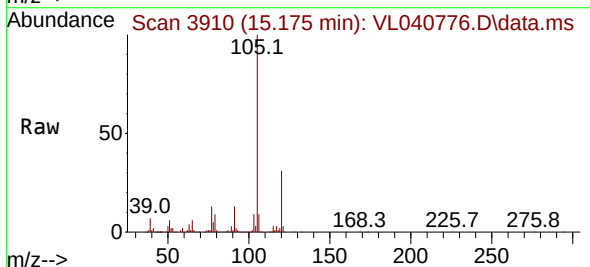
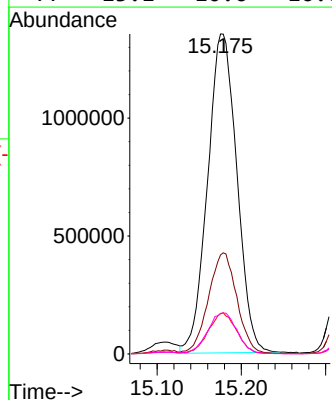
Manual Integrations
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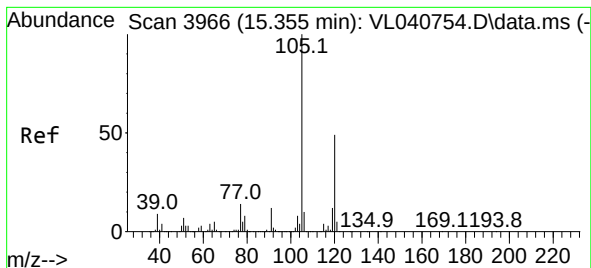
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#72
4-Ethyltoluene
Concen: 10.186 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

Tgt Ion:105 Resp: 3261655
Ion Ratio Lower Upper
105 100
120 31.2 25.0 37.4
91 13.4 9.8 14.8
77 13.1 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 9.969 ppbv

RT: 15.336 min Scan# 3966

Delta R.T. -0.019 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 281059

Ion Ratio Lower Upper

105 100

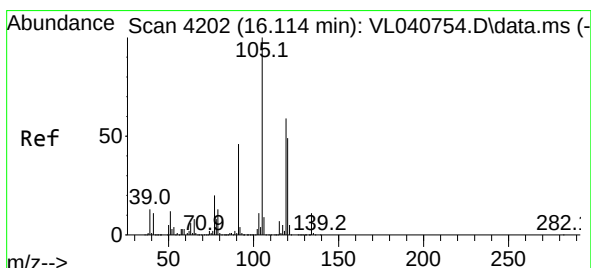
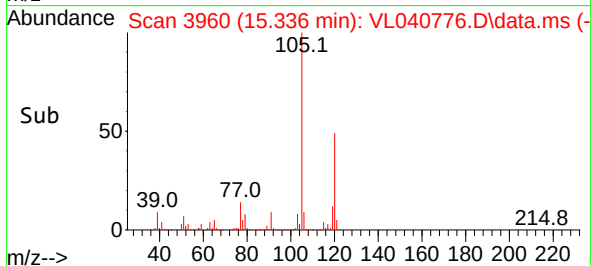
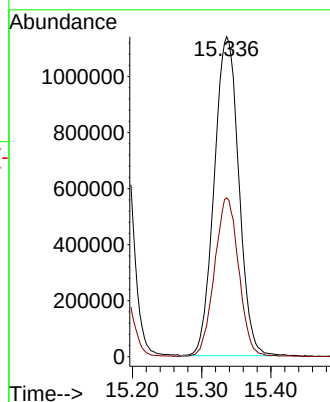
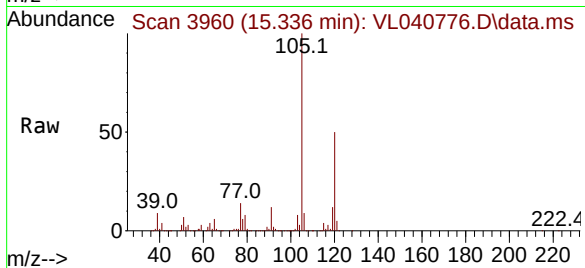
120 49.7 39.4 59.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.681 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.019 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

Tgt Ion:105 Resp: 2982040

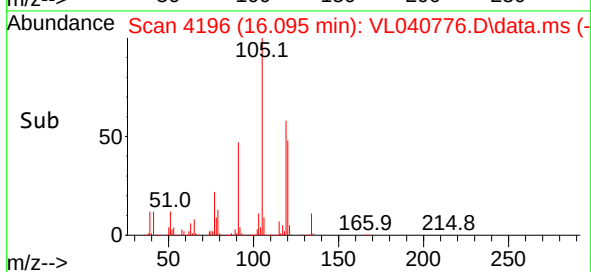
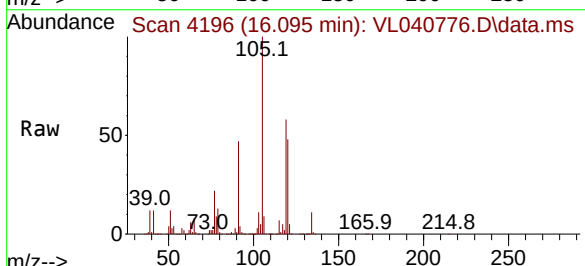
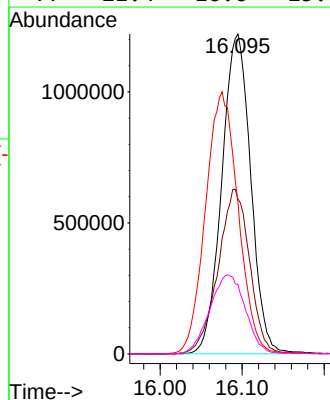
Ion Ratio Lower Upper

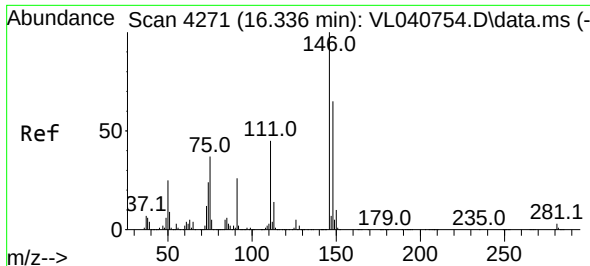
105 100

120 48.1 39.4 59.2

91 46.8 38.6 58.0

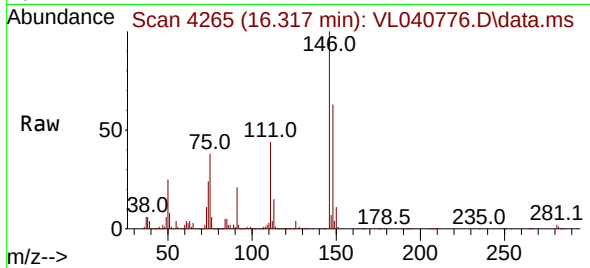
77 21.4 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.817 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

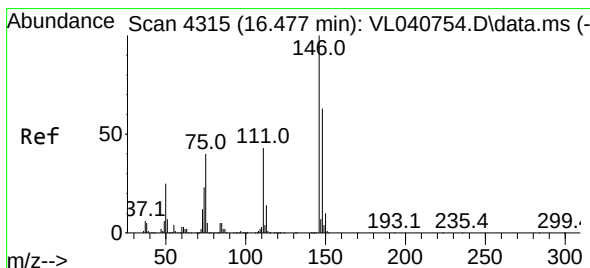
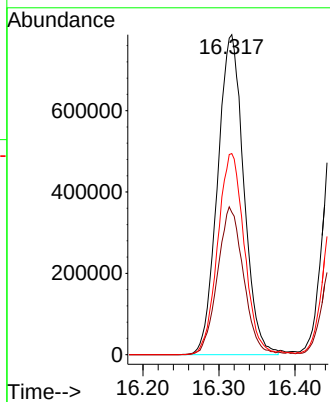
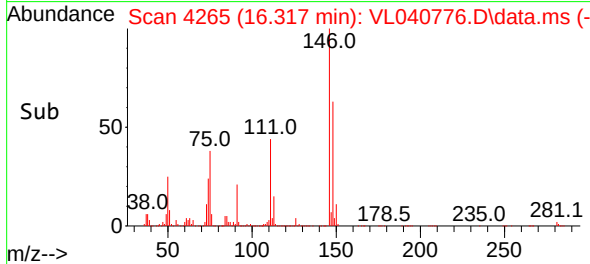
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



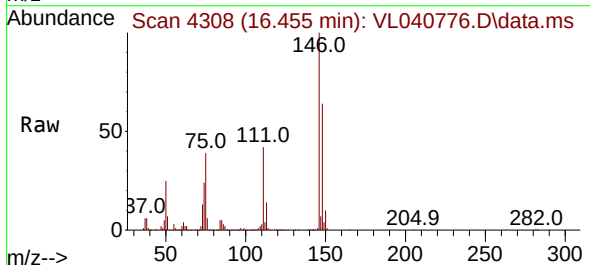
Tgt Ion:146 Resp: 188061
Ion Ratio Lower Upper
146 100
111 45.9 22.6 67.7
148 64.2 32.4 97.0

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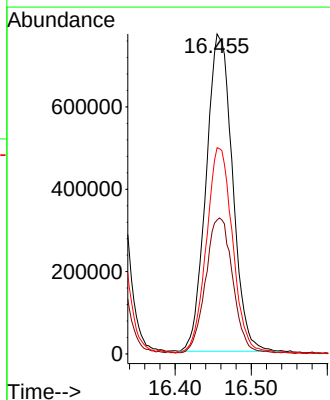
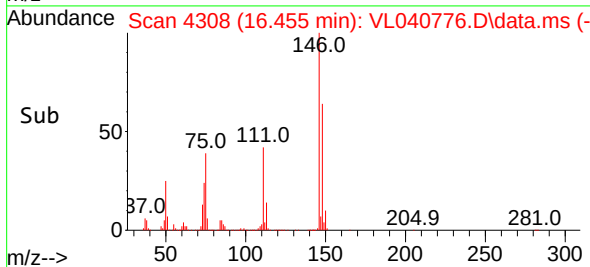
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

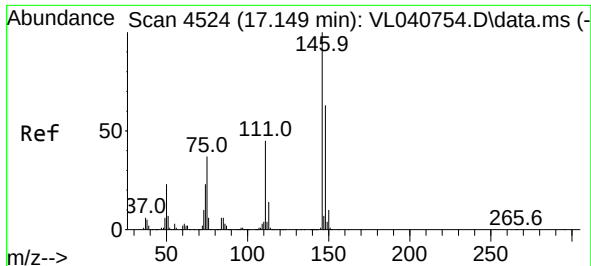


#76
1,4-Dichlorobenzene
Concen: 9.773 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



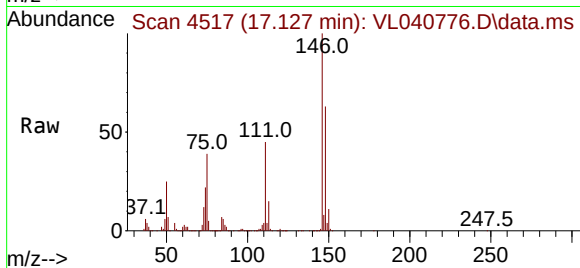
Tgt Ion:146 Resp: 1854064
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 65.6 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 9.691 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50

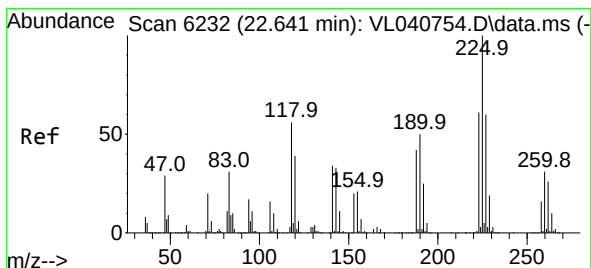
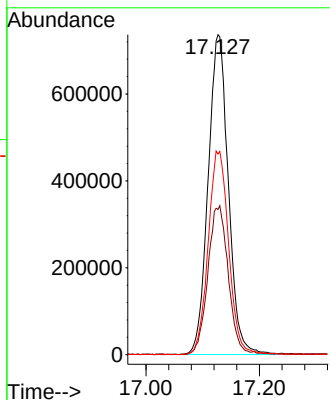
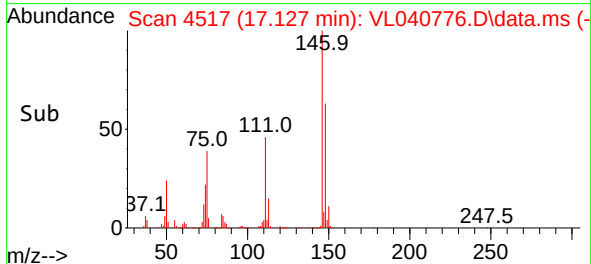
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



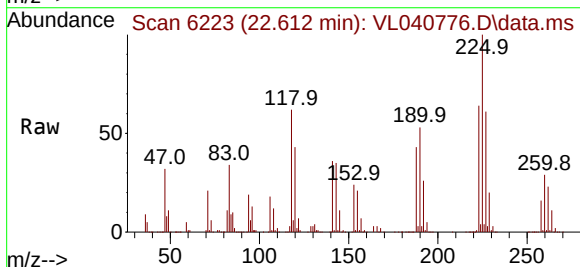
Tgt Ion:146 Resp: 182152
Ion Ratio Lower Upper
146 100
111 47.5 22.9 68.8
148 64.5 32.3 96.8

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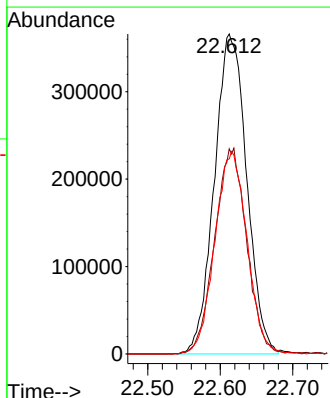
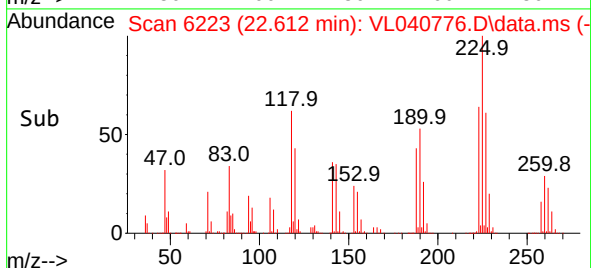
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

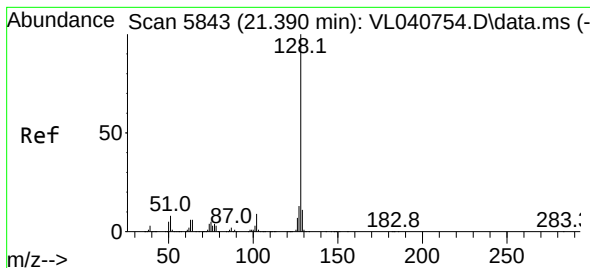


#78
Hexachloro-1,3-Butadiene
Concen: 8.433 ppbv
RT: 22.612 min Scan# 6223
Delta R.T. -0.029 min
Lab File: VL040776.D
Acq: 23 Oct 2023 12:50



Tgt Ion:225 Resp: 1134200
Ion Ratio Lower Upper
225 100
223 63.9 50.7 76.1
227 63.2 51.4 77.0





#79

Naphthalene

Concen: 11.329 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.022 min

Lab File: VL040776.D

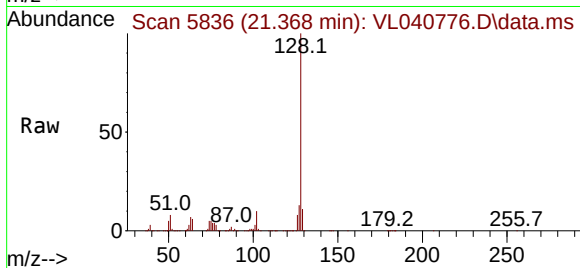
Acq: 23 Oct 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 2836710

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

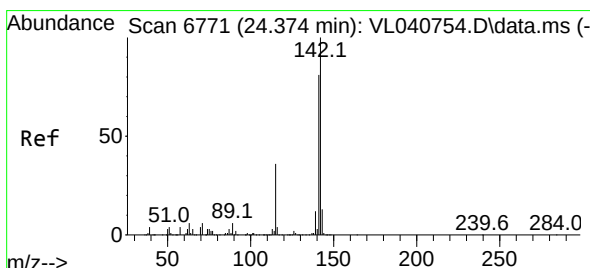
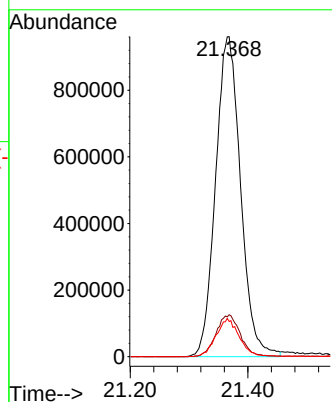
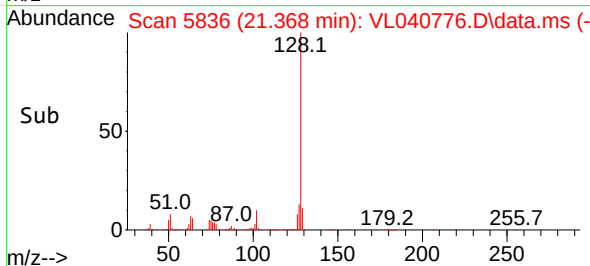
129 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#80

Naphthalene,2-methyl-

Concen: 12.116 ppbv

RT: 24.355 min Scan# 6765

Delta R.T. -0.019 min

Lab File: VL040776.D

Acq: 23 Oct 2023 12:50

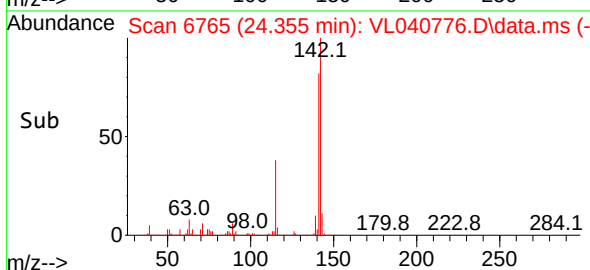
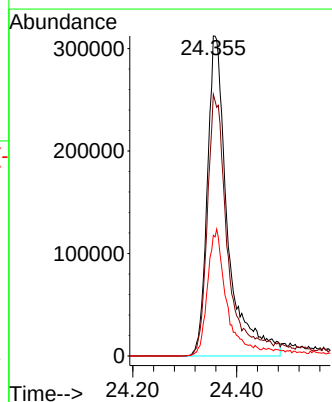
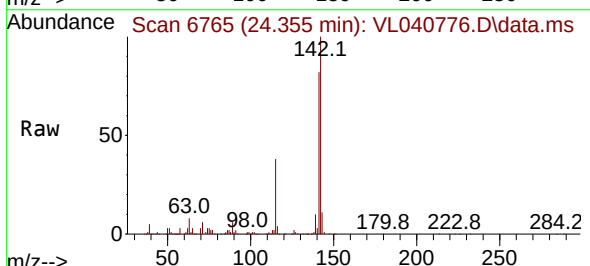
Tgt Ion:142 Resp: 851317

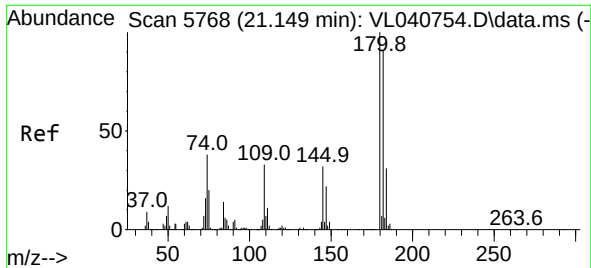
Ion Ratio Lower Upper

142 100

141 83.8 66.3 99.5

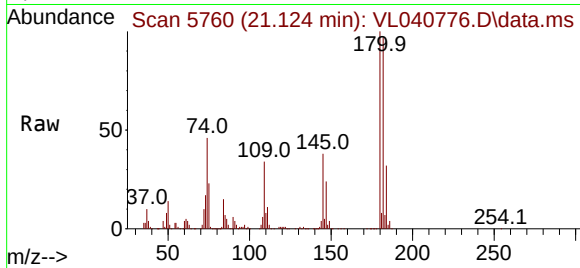
115 39.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.193 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.026 min
 Lab File: VL040776.D
 Acq: 23 Oct 2023 12:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1385614

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.9	116.9
184	30.7	25.0	37.6

Manual Integrations
 APPROVED

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

