

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039764.D
 Acq On : 24 Oct 2022 17:48
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 19:41:05 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

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

QLast Update : Mon Oct 24 17:14:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	972608	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2594569	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2558905	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1783575 9.819 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1039148	6.380	ppbv	98
3) Chlorodifluoromethane	2.694	51	1633433	13.181	ppbv	100
4) Chloromethane	2.832	50	1051909	13.567	ppbv	94
5) Vinyl Chloride	2.941	62	907521	14.909	ppbv	99
6) Bromomethane	3.137	94	321169	14.248	ppbv	94
7) Chloroethane	3.218	64	345261	15.305	ppbv	96
8) Dichlorotetrafluoroethane	2.877	85	1475074	9.762	ppbv	100
9) Propene	2.716	41	755186	13.346	ppbv	98
10) Heptane	7.581	43	2004786	15.268	ppbv	99
11) Trichlorofluoromethane	3.581	101	2087239	13.768	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.079	101	1607626	13.182	ppbv	99
13) Ethanol	3.259	45	54677m	14.182	ppbv	
14) Bromoethene	3.385	108	663972	14.292	ppbv	98
15) Acetone	3.485	43	1593929	13.573	ppbv	99
16) 1,3-Butadiene	3.005	39	888785	15.079	ppbv	96
17) tert-Butyl alcohol	3.893	59	1370850	13.740	ppbv	99
18) 1,1-Dichloroethene	3.896	96	737265	14.088	ppbv	99
19) Isopropyl Alcohol	3.591	45	847767	14.782	ppbv	100
20) Methylene Chloride	3.948	84	610794	12.937	ppbv	98
21) Allyl Chloride	4.012	41	1157172	14.277	ppbv	95
22) trans-1,2-Dichloroethene	4.456	96	750055	14.117	ppbv	97
23) Vinyl Acetate	4.636	43	688562	13.896	ppbv	99
24) 1,1-Dichloroethane	4.574	63	1533670	13.575	ppbv	100
25) Ethyl Acetate	5.218	43	3529973	15.004	ppbv	99
26) Hexane	5.224	57	1424355	14.865	ppbv	99
27) Carbon Disulfide	4.137	76	1843631	15.365	ppbv	98
28) Methyl tert-Butyl Ether	4.600	73	1176626	12.949	ppbv	100
29) Chloroform	5.285	83	2216604	14.431	ppbv	96
30) Cyclohexane	6.610	84	1220579	15.153	ppbv	96
31) cis-1,2-Dichloroethene	5.089	61	1393606	16.219	ppbv	95
32) 1,1,1-Trichloroethane	6.012	97	2130829	15.994	ppbv	99
34) 2-Butanone	4.796	43	1846617	15.430	ppbv	98
35) Carbon Tetrachloride	6.497	117	2302960	17.127	ppbv	99
36) Benzene	6.375	78	3060294	15.629	ppbv	98
37) 1,2-Dichloroethane	5.816	62	1654352	15.684	ppbv	100
38) Trichloroethene	7.295	130	1787390	17.018	ppbv	97
39) 1,2-Dichloropropane	7.079	63	1173835	15.627	ppbv	98
40) 1,4-Dioxane	7.295	88	363059	12.618	ppbv #	44
41) Tetrahydrofuran	5.565	42	1267115	16.514	ppbv	99
42) Bromodichloromethane	7.253	83	2417784	16.691	ppbv	98
43) Methyl Methacrylate	7.478	69	1221821	17.346	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	5096930	15.362	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	1178438	20.211	ppbv	97

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 19:41:05 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

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

QLast Update : Mon Oct 24 17:14:55 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1595832	19.322	ppbv	98
47) 1,1,2-Trichloroethane	8.902	97	1264511	15.501	ppbv	96
48) Dibromochloromethane	9.709	129	2182592	17.736	ppbv	99
49) Bromoform	12.404	173	1840173	18.574	ppbv	98
50) 4-Methyl-2-Pentanone	8.185	43	3228361	16.545	ppbv	99
51) 2-Hexanone	9.552	43	2532724	18.109	ppbv #	99
52) Tetrachloroethene	10.616	164	1164643	16.477	ppbv	99
53) Toluene	9.221	91	3649653	17.261	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1479599	18.037	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	1542149	14.849	ppbv	97
57) Chlorobenzene	11.526	112	2733392	14.560	ppbv	100
58) Ethyl Benzene	12.089	91	4739509	16.036	ppbv	99
59) m/p-Xylene	12.372	91	7946279m	30.420	ppbv	
60) o-Xylene	13.056	91	3856317	15.432	ppbv	98
61) Styrene	12.896	104	2375364	18.169	ppbv	100
62) Isopropylbenzene	14.028	105	5600286	15.047	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.044	83	1343515	14.069	ppbv	98
64) n-propylbenzene	14.915	120	1473263	15.755	ppbv	97
65) tert-Butylbenzene	16.089	119	4861018	14.908	ppbv	99
66) Benzyl Chloride	16.320	91	390716	17.149	ppbv	98
67) sec-Butylbenzene	16.632	105	6792221	15.057	ppbv	99
69) p-Isopropyltoluene	16.992	119	5593008	15.384	ppbv	99
70) n-Butylbenzene	17.883	91	5513513	15.759	ppbv	100
71) 2-Chlorotoluene	14.796	91	4056349	15.315	ppbv	98
72) 4-Ethyltoluene	15.191	105	4606941	16.519	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	4085149	15.734	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	4253776	14.915	ppbv	95
75) 1,3-Dichlorobenzene	16.326	146	2566016	15.023	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	2448463	14.674	ppbv	98
77) 1,2-Dichlorobenzene	17.140	146	2394815	14.426	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1591728	13.270	ppbv	99
79) Naphthalene	21.374	128	3170713	18.990	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	1077861	21.616	ppbv	95
81) 1,2,4-Trichlorobenzene	21.133	180	1805364	16.138	ppbv #	100

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

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

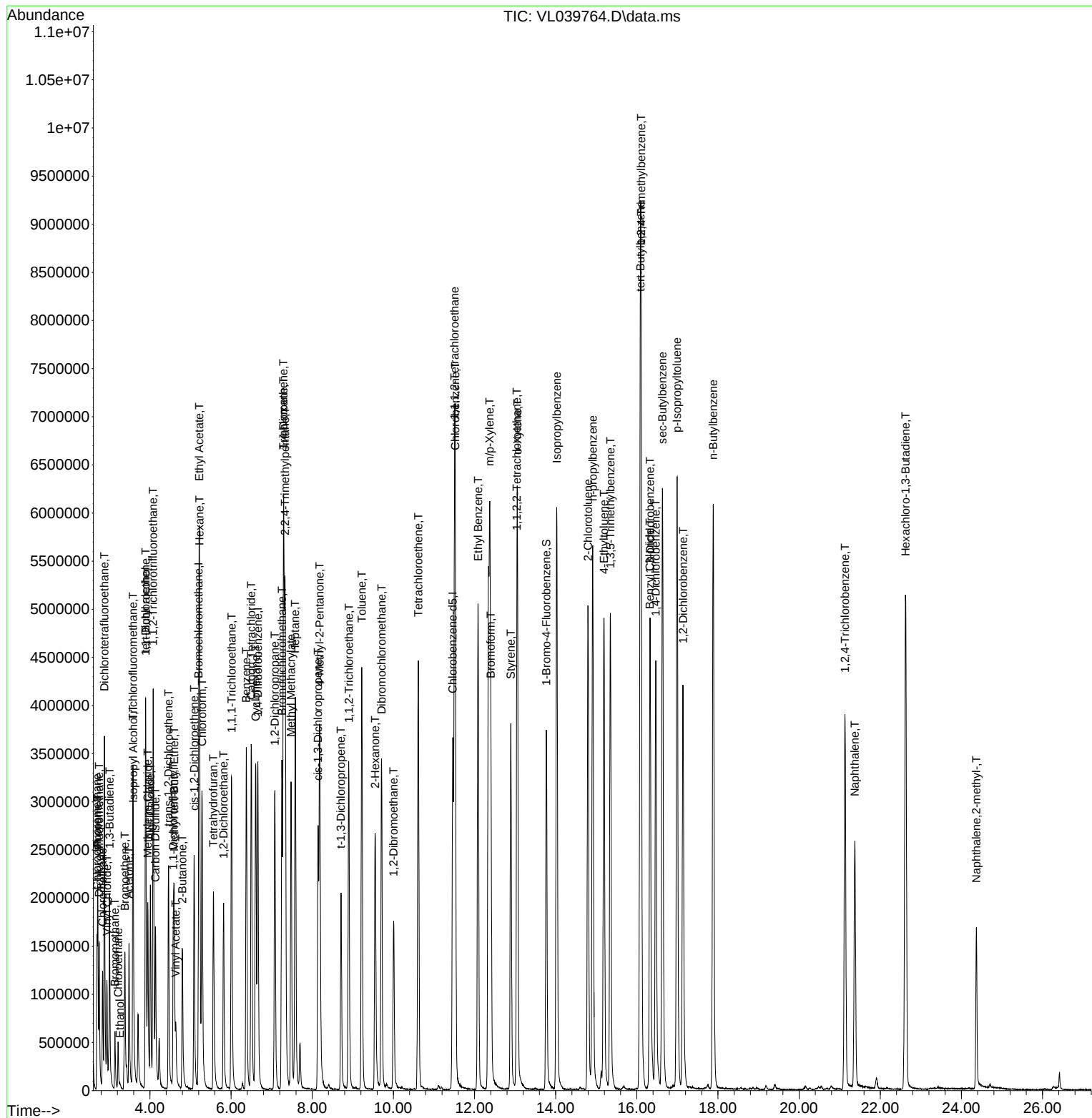
Quant Time: Oct 24 19:41:05 2022

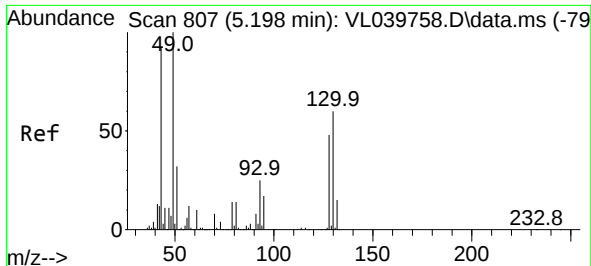
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

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

QLast Update : Mon Oct 24 17:14:55 2022

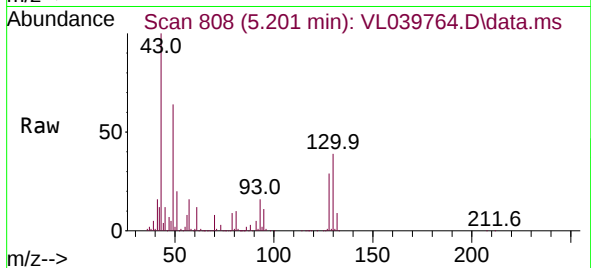
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

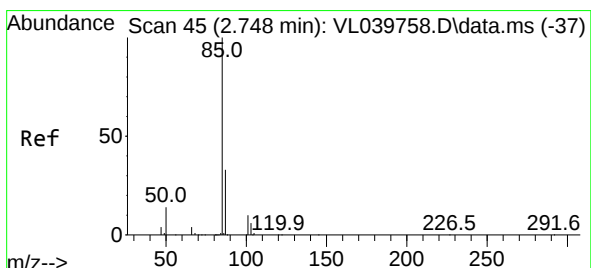
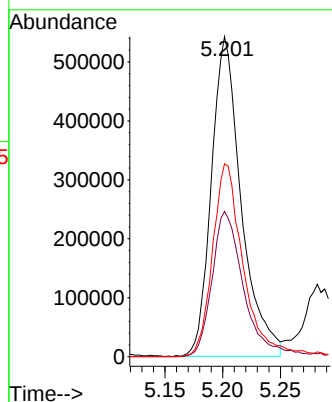
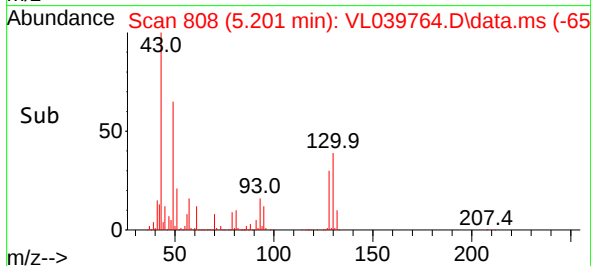
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 49 Resp: 972608
Ion Ratio Lower Upper
49 100
128 49.1 22.6 67.8
130 64.2 29.0 87.0

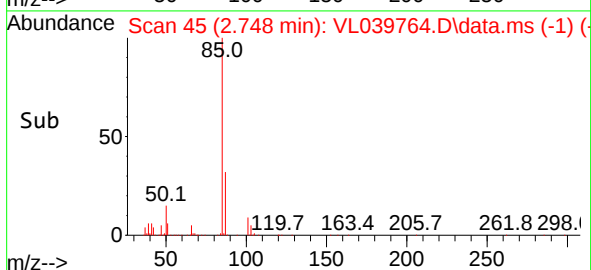
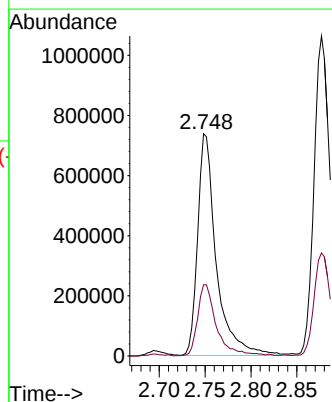
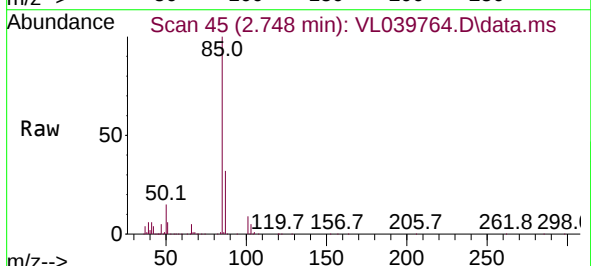
Manual Integrations
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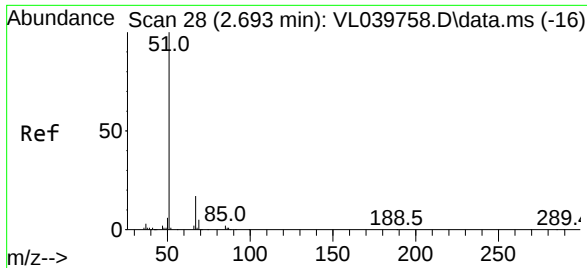
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 6.380 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Tgt Ion: 85 Resp: 1039148
Ion Ratio Lower Upper
85 100
87 31.9 26.6 40.0





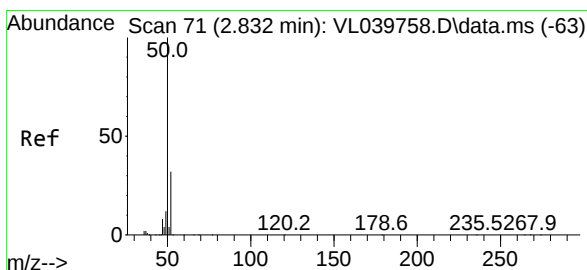
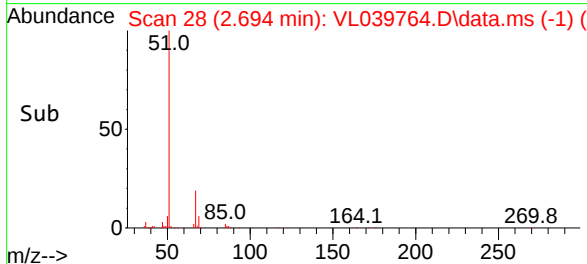
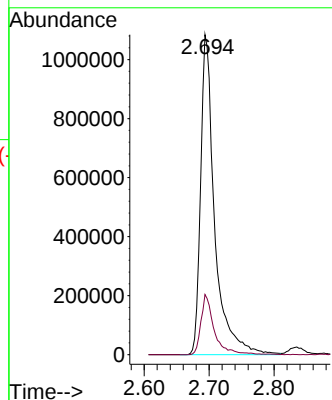
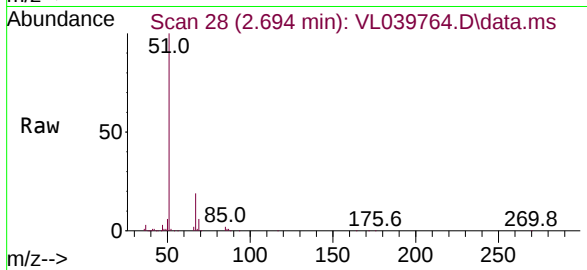
#3
Chlorodifluoromethane
Concen: 13.181 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 163343
Ion Ratio Lower Upper
51 100
67 18.0 14.6 21.8

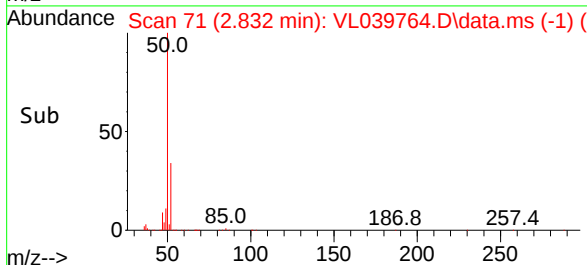
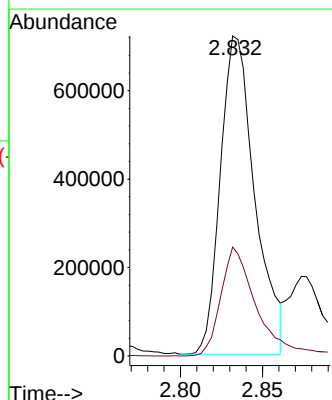
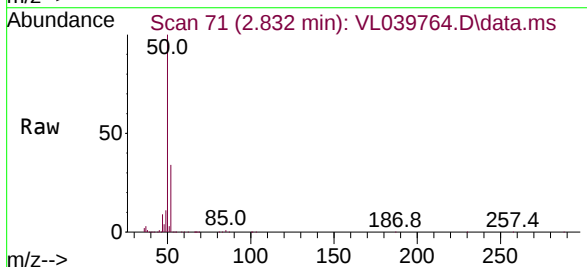
Manual Integrations
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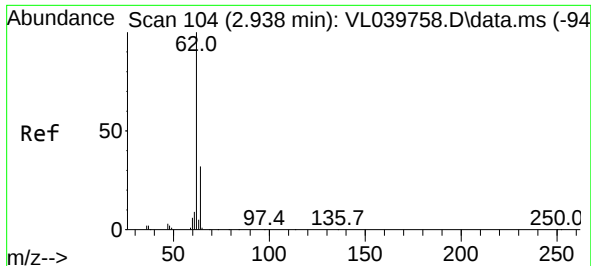
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Chloromethane
Concen: 13.567 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Tgt Ion: 50 Resp: 1051909
Ion Ratio Lower Upper
50 100
52 34.2 24.8 37.2





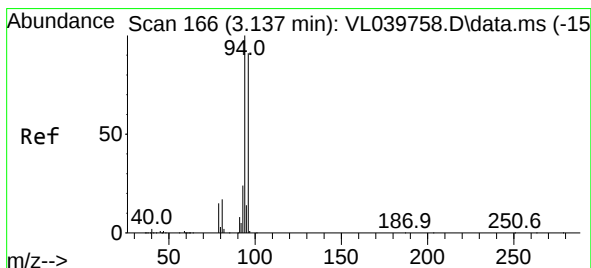
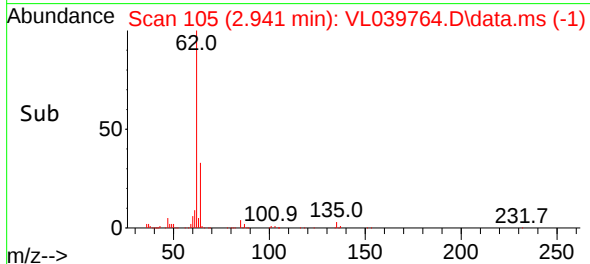
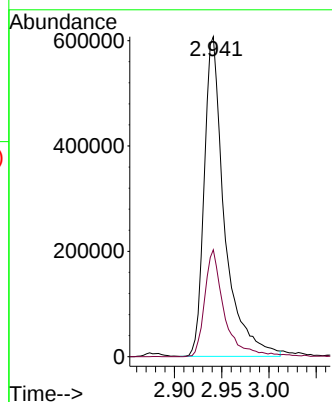
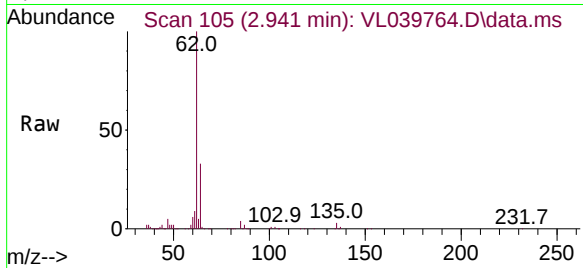
#5
 Vinyl Chloride
 Concen: 14.909 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.003 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 62 Resp: 90752
 Ion Ratio Lower Upper
 62 100
 64 33.5 27.1 40.7

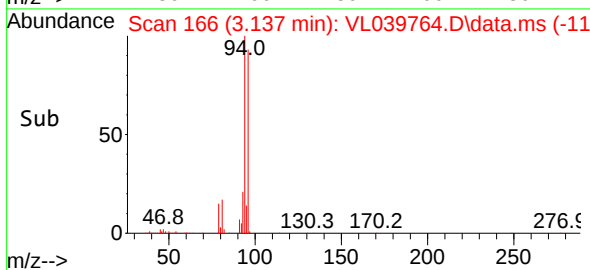
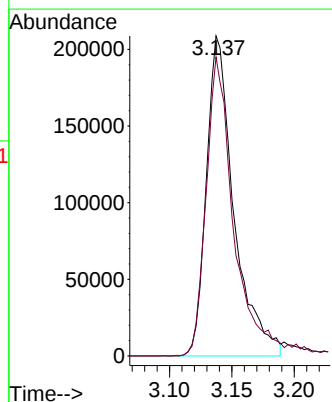
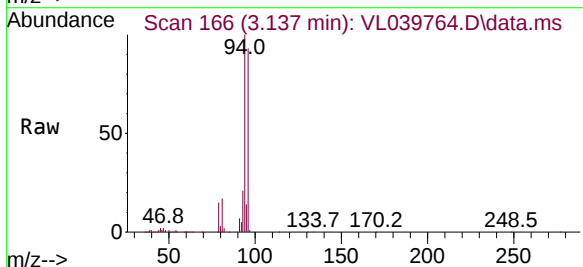
Manual Integrations
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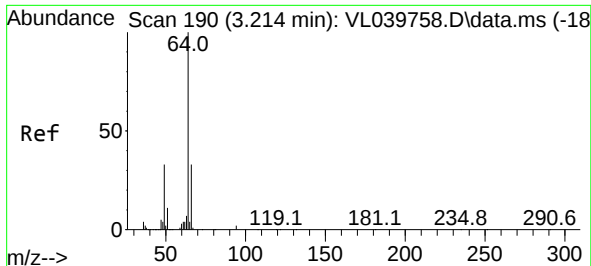
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 14.248 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

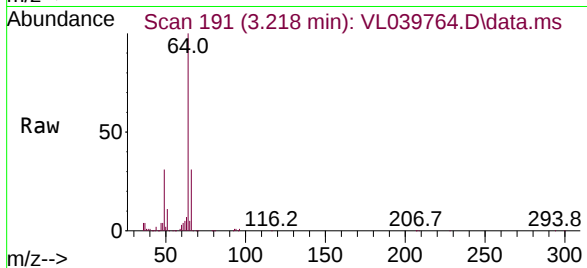
Tgt Ion: 94 Resp: 321169
 Ion Ratio Lower Upper
 94 100
 96 93.2 70.5 105.7





#7
Chloroethane
Concen: 15.305 ppbv
RT: 3.218 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

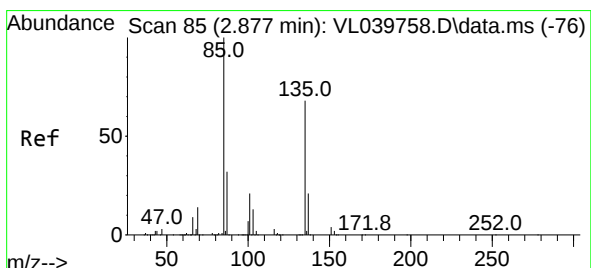
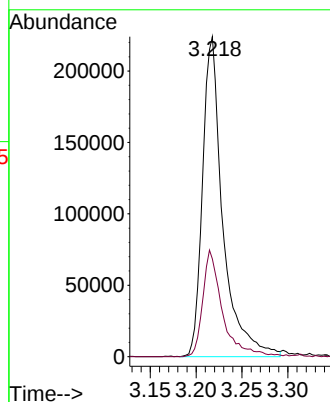
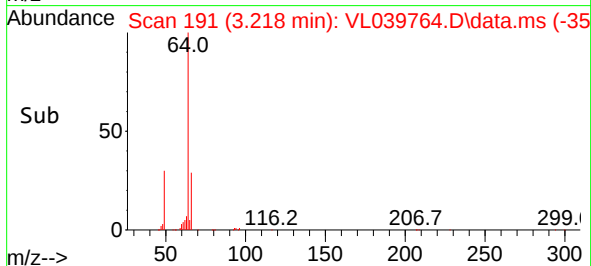
Instrument :
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Tgt Ion: 64 Resp: 34526
Ion Ratio Lower Upper
64 100
66 30.6 22.6 34.0

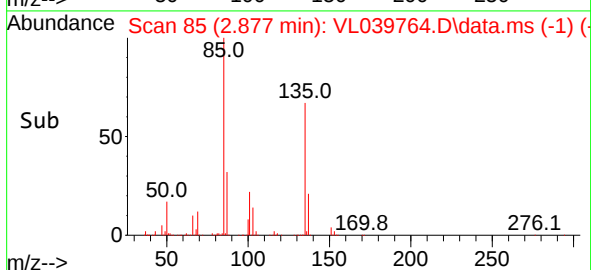
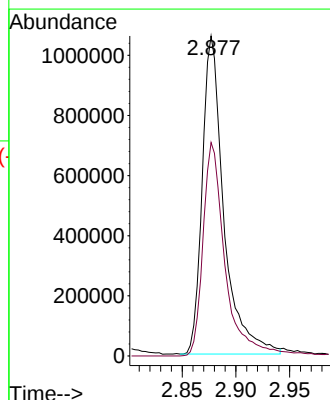
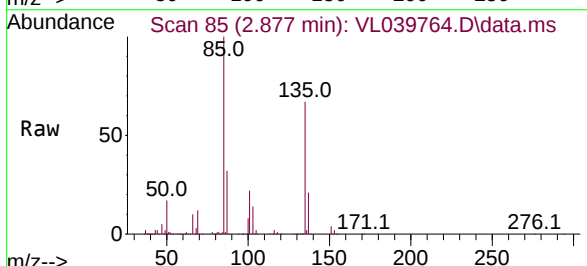
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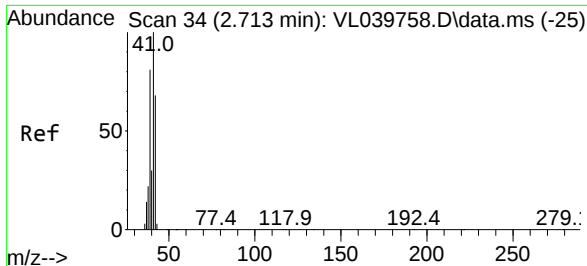
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 9.762 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

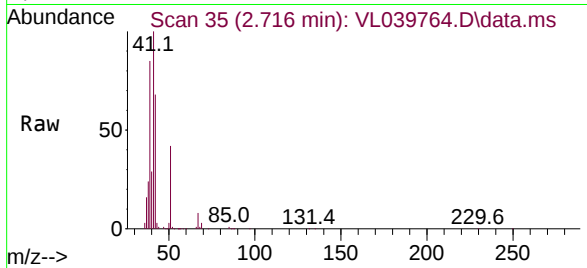
Tgt Ion: 85 Resp: 1475074
Ion Ratio Lower Upper
85 100
135 69.9 56.1 84.1





#9
 Propene
 Concen: 13.346 ppbv
 RT: 2.716 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

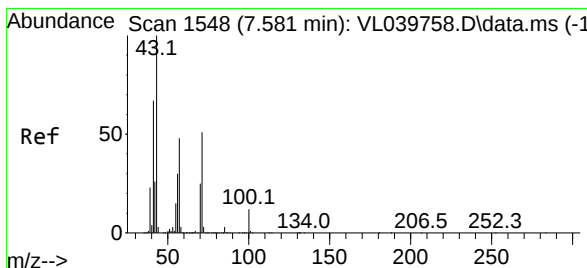
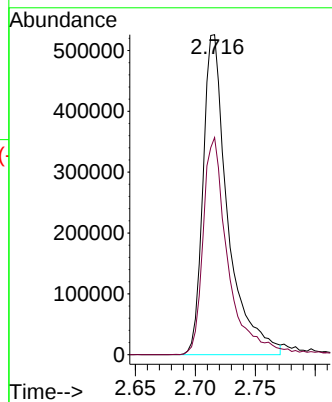
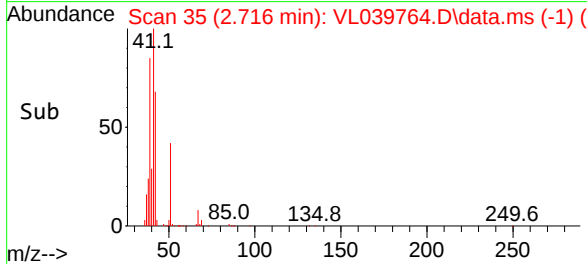
Instrument :
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Tgt Ion: 41 Resp: 755186
 Ion Ratio Lower Upper
 41 100
 42 69.4 54.4 81.6

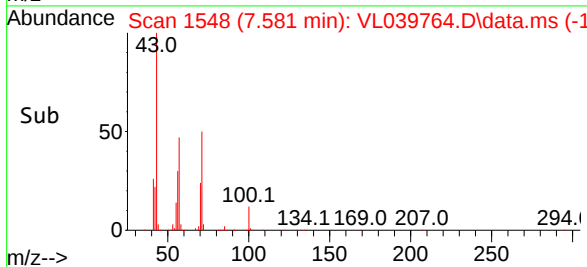
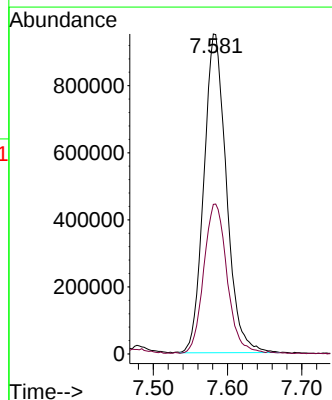
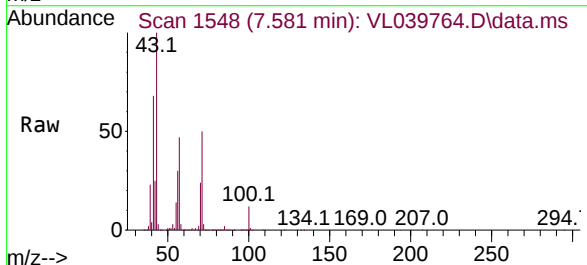
Manual Integrations
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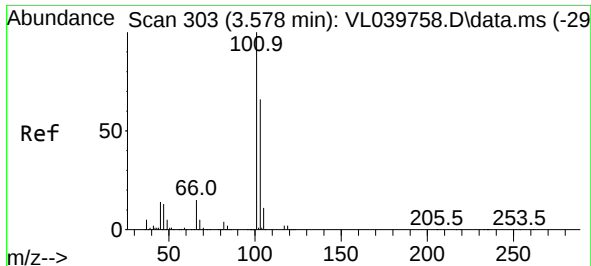
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#10
 Heptane
 Concen: 15.268 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

Tgt Ion: 43 Resp: 2004786
 Ion Ratio Lower Upper
 43 100
 57 49.4 40.0 60.0





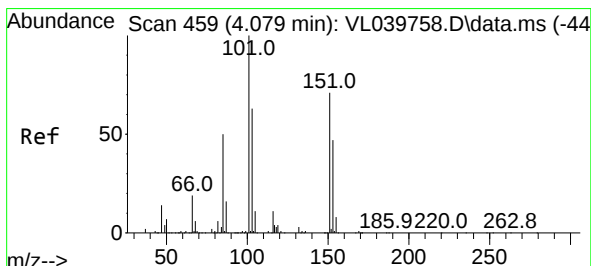
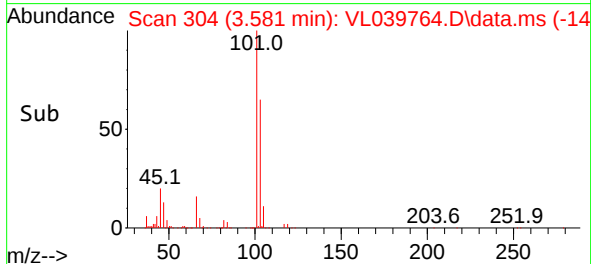
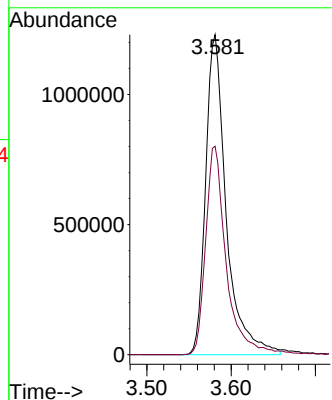
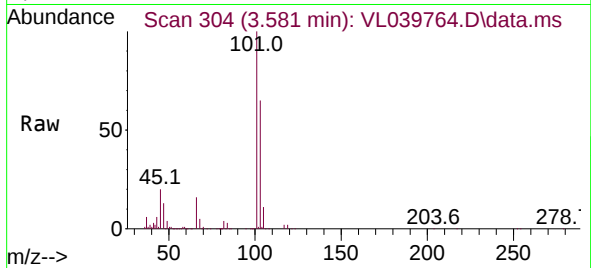
#11
Trichlorofluoromethane
Concen: 13.768 ppbv
RT: 3.581 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:101 Resp: 2087239
Ion Ratio Lower Upper
101 100
103 65.1 53.2 79.8

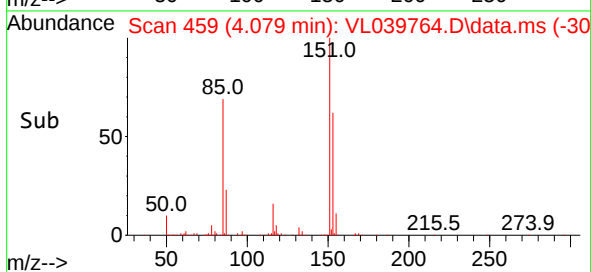
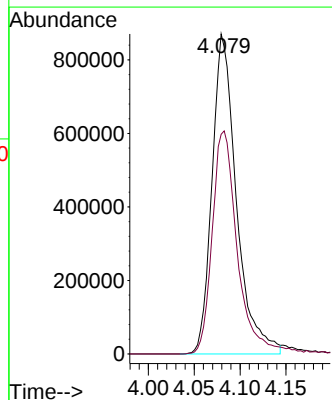
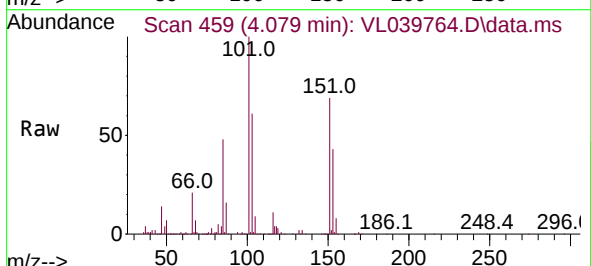
Manual Integrations
APPROVED

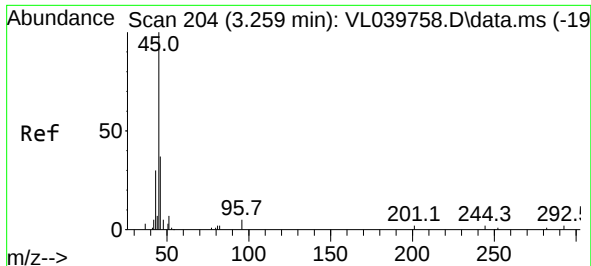
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.182 ppbv
RT: 4.079 min Scan# 459
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

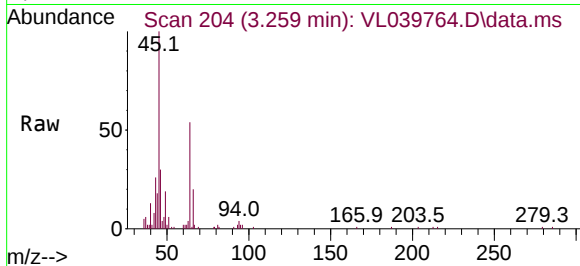
Tgt Ion:101 Resp: 1607626
Ion Ratio Lower Upper
101 100
151 73.1 58.0 87.0





#13
Ethanol
Concen: 14.182 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. -0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

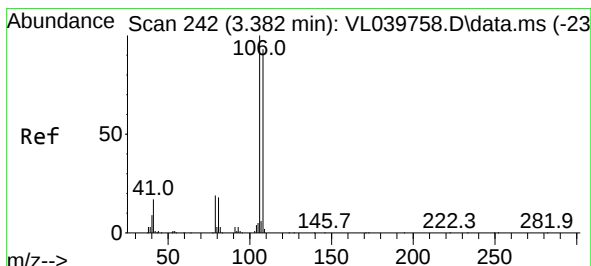
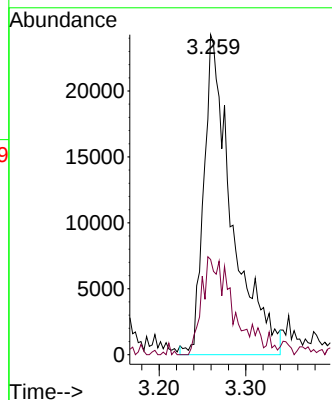
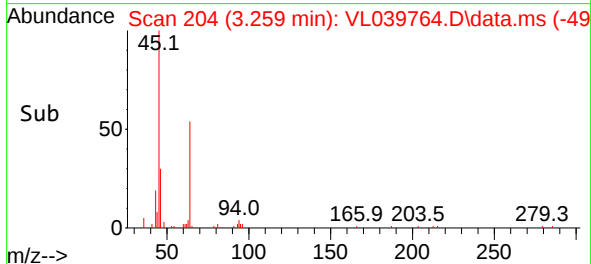
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



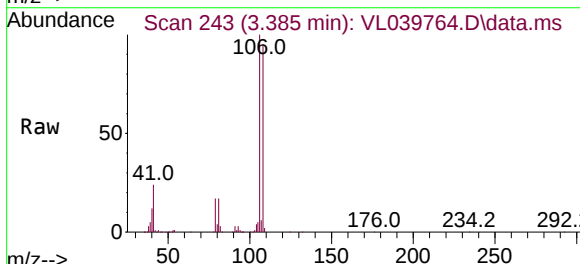
Tgt Ion: 45 Resp: 5467
Ion Ratio Lower Upper
45 100
46 38.2 14.8 59.2

Manual Integrations
APPROVED

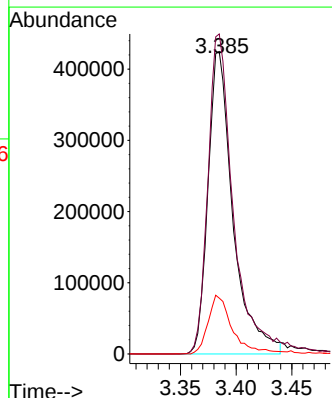
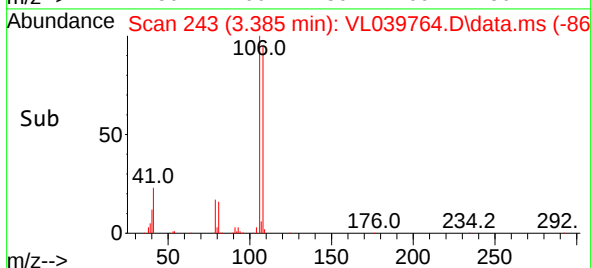
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

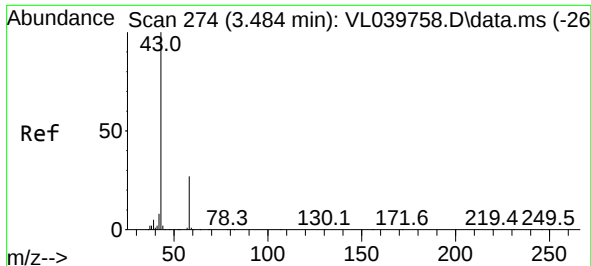


#14
Bromoethene
Concen: 14.292 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



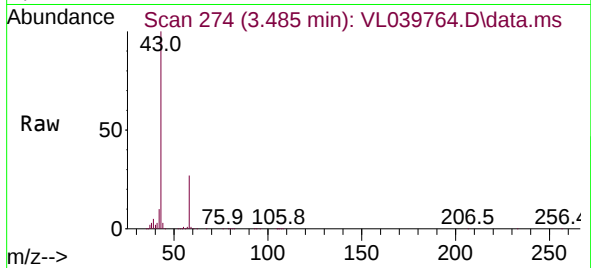
Tgt Ion:108 Resp: 663972
Ion Ratio Lower Upper
108 100
106 110.5 90.2 135.4
79 19.7 16.2 24.2





#15
Acetone
Concen: 13.573 ppbv
RT: 3.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

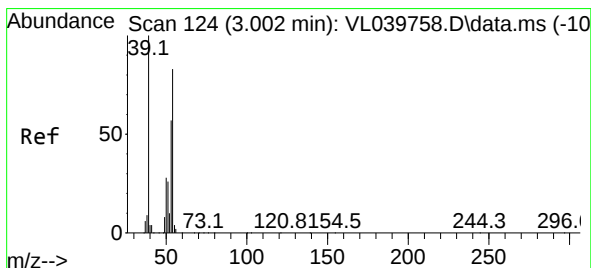
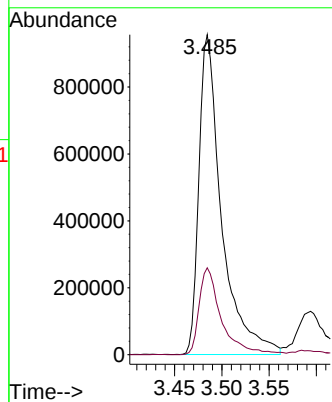
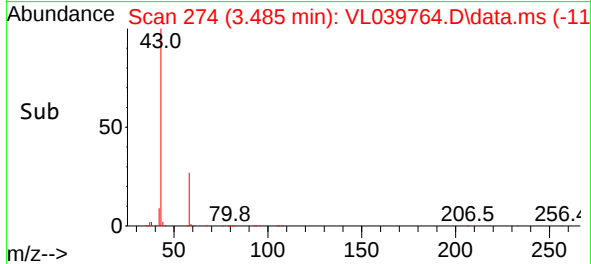
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



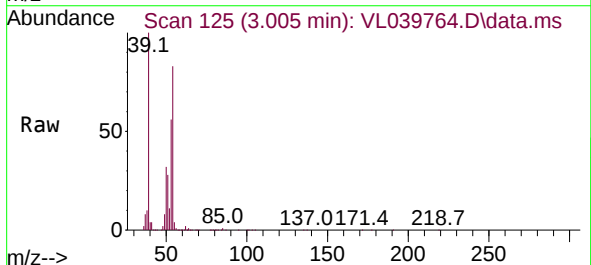
Tgt Ion: 43 Resp: 1593929
Ion Ratio Lower Upper
43 100
58 26.7 20.9 31.3

Manual Integrations
APPROVED

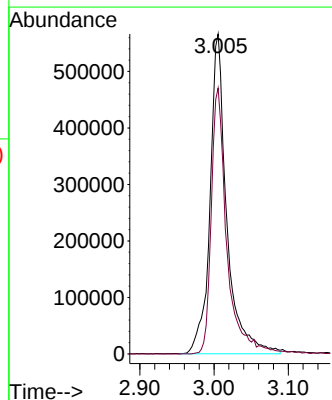
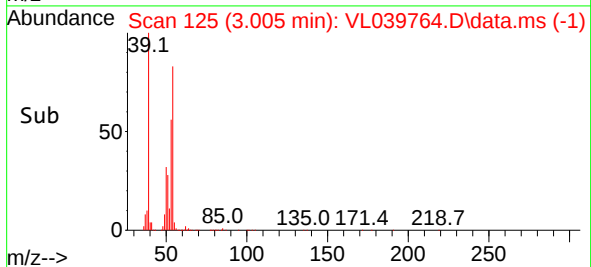
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

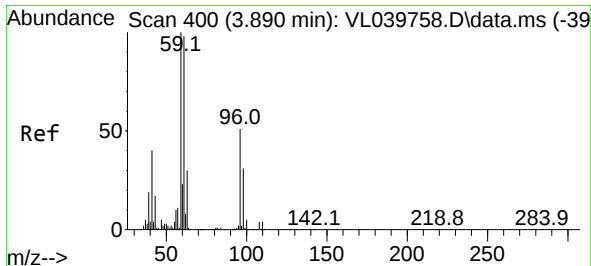


#16
1,3-Butadiene
Concen: 15.079 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



Tgt Ion: 39 Resp: 888785
Ion Ratio Lower Upper
39 100
54 77.7 65.2 97.8





#17

tert-Butyl alcohol

Concen: 13.740 ppbv

RT: 3.893 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 59 Resp: 1370850

Ion Ratio Lower Upper

59 100

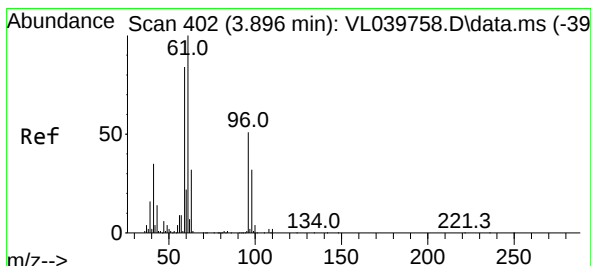
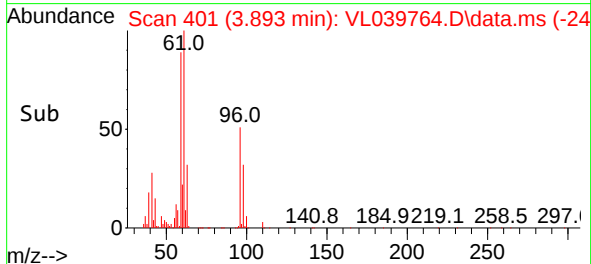
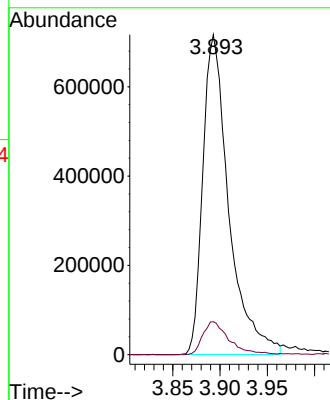
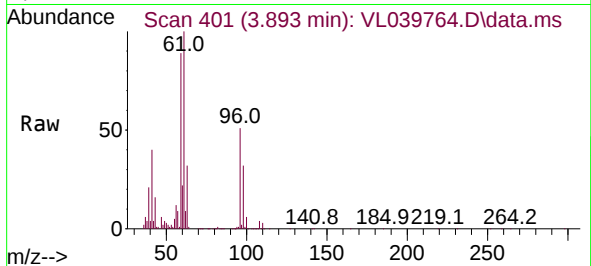
57 10.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 14.088 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

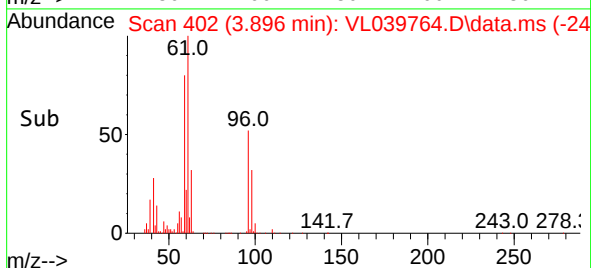
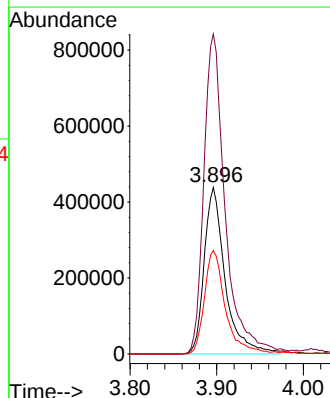
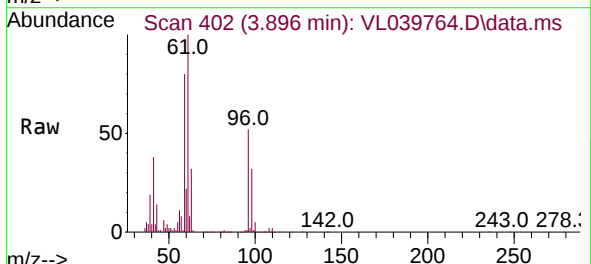
Tgt Ion: 96 Resp: 737265

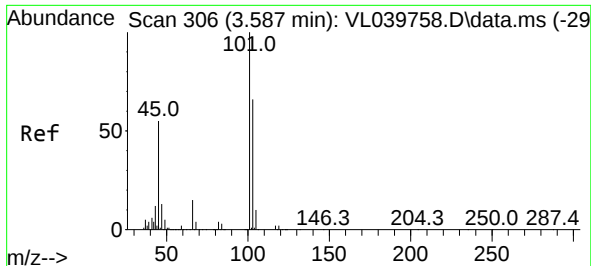
Ion Ratio Lower Upper

96 100

61 192.0 152.7 229.1

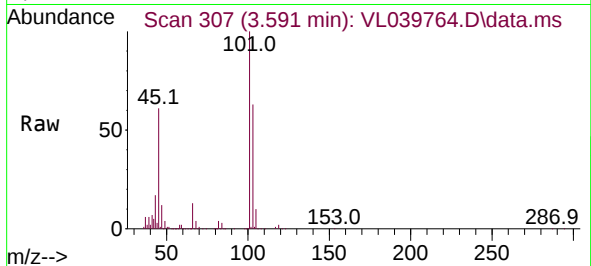
98 62.0 50.2 75.2





#19
Isopropyl Alcohol
Concen: 14.782 ppbv
RT: 3.591 min Scan# 306
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

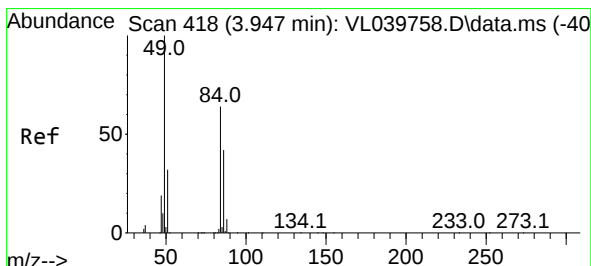
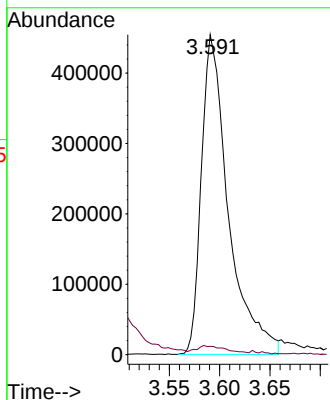
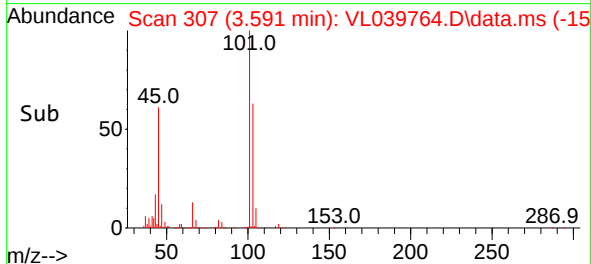
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 45 Resp: 84776
Ion Ratio Lower Upper
45 100
58 4.2 3.3 4.9

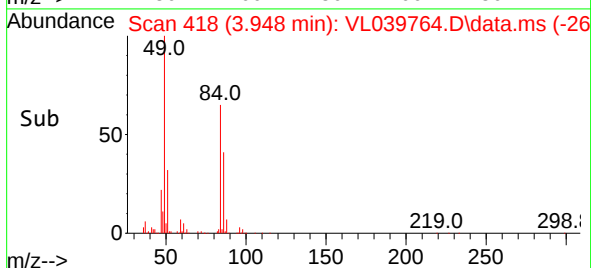
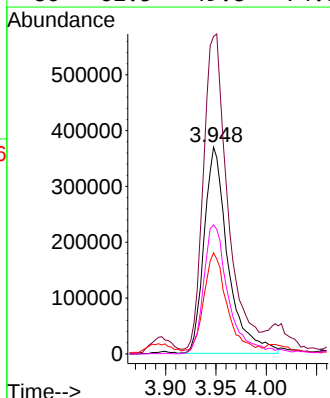
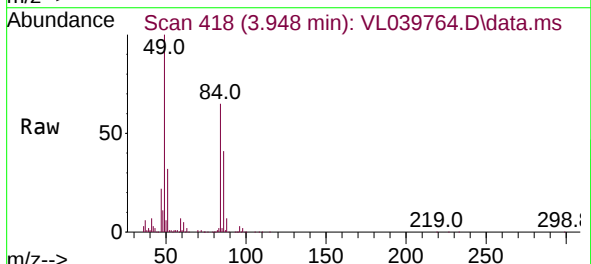
Manual Integrations
APPROVED

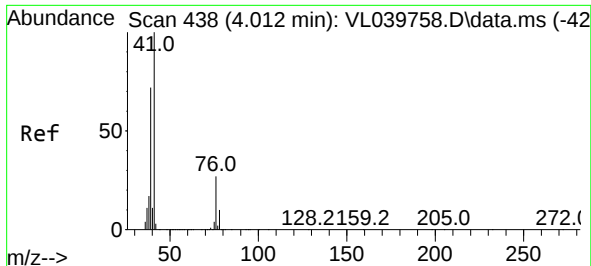
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 12.937 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

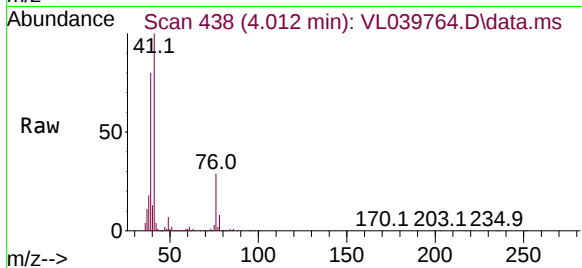
Tgt Ion: 84 Resp: 610794
Ion Ratio Lower Upper
84 100
49 151.3 124.2 186.4
51 46.7 36.6 54.8
86 62.5 49.8 74.8





#21
 Allyl Chloride
 Concen: 14.277 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

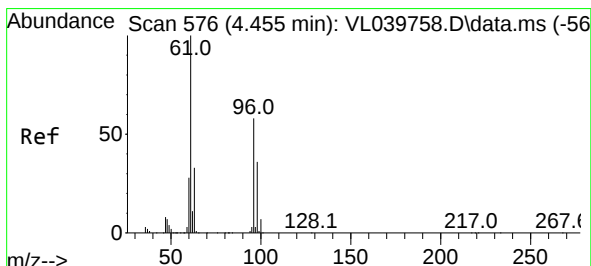
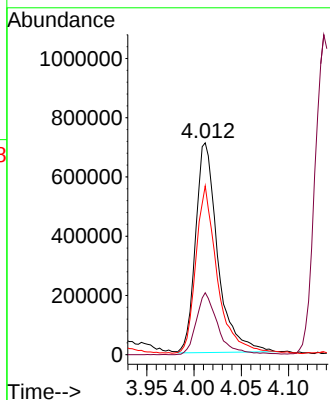
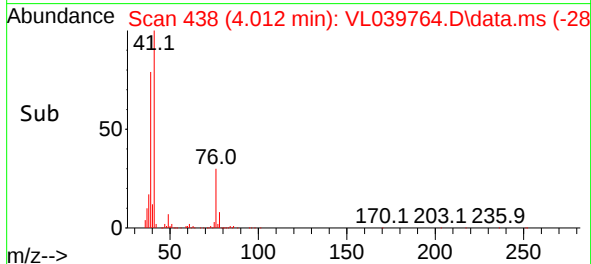
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



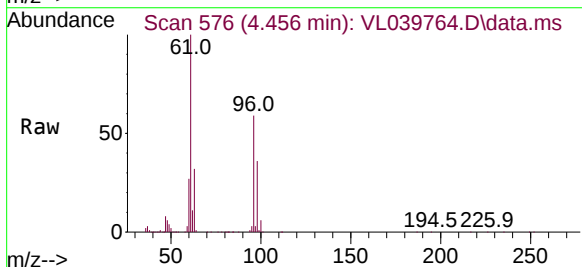
Tgt Ion: 41 Resp: 1157172
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.5 35.3
 39 78.6 67.4 101.2

Manual Integrations
 APPROVED

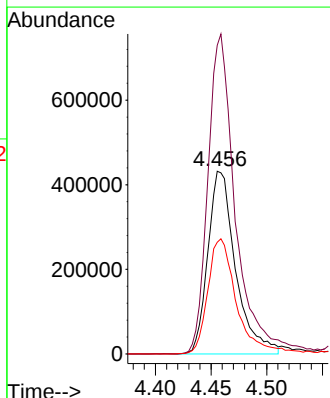
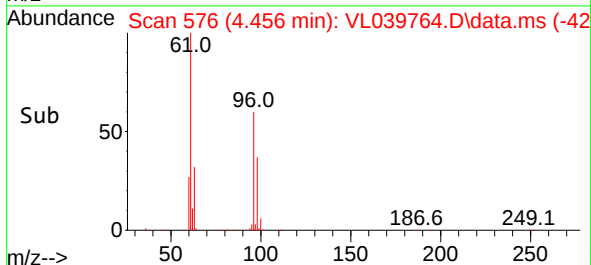
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

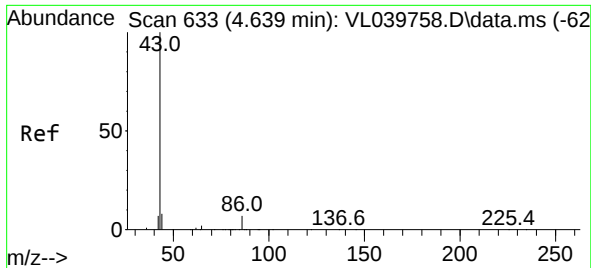


#22
 trans-1,2-Dichloroethene
 Concen: 14.117 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48



Tgt Ion: 96 Resp: 750055
 Ion Ratio Lower Upper
 96 100
 61 168.8 132.9 199.3
 98 60.9 51.6 77.4





#23
 Vinyl Acetate
 Concen: 13.896 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

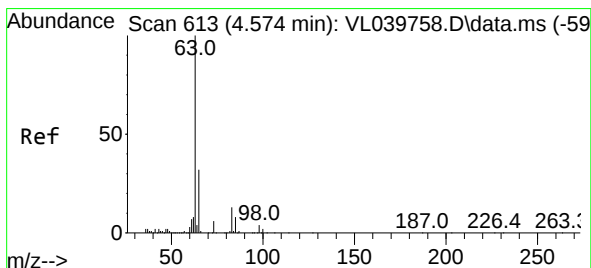
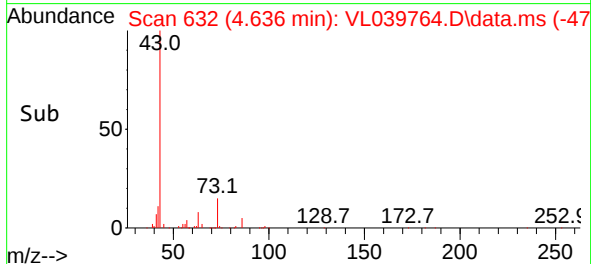
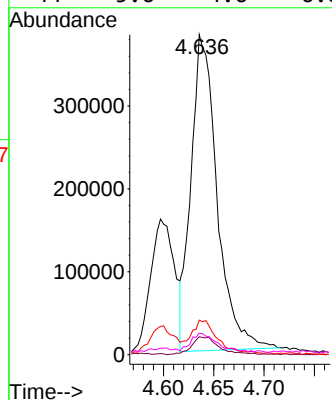
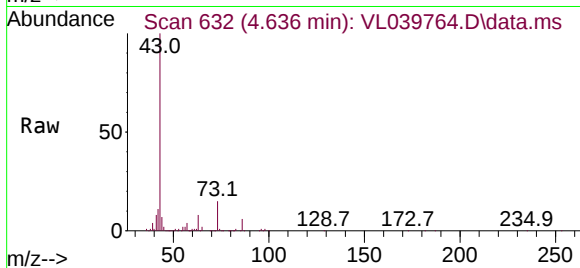
VSTDICC015

Tgt Ion: 43 Resp: 688562
 Ion Ratio Lower Upper
 43 100
 86 5.6 4.3 6.5
 42 10.5 7.9 11.9
 44 5.6 4.6 6.8

Manual Integrations

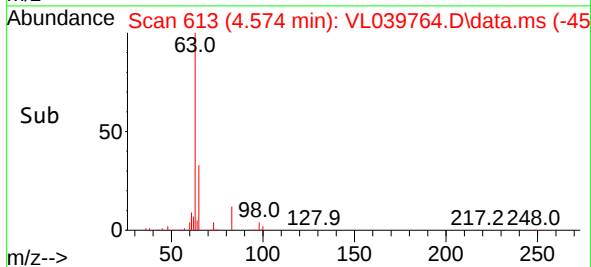
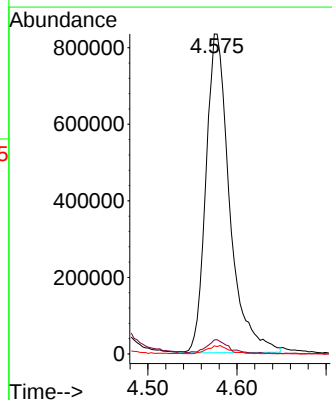
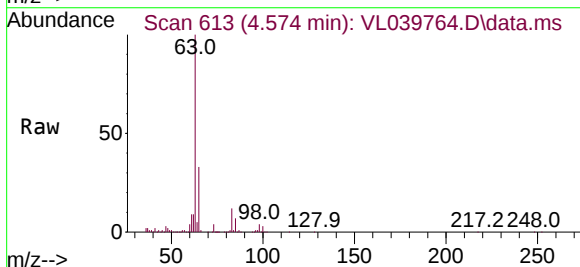
APPROVED

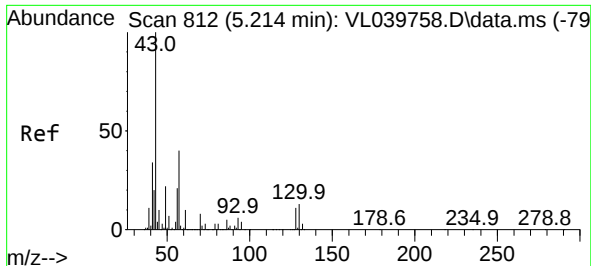
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 13.575 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

Tgt Ion: 63 Resp: 1533670
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.5
 100 2.5 1.2 3.6





#25

Ethyl Acetate

Concen: 15.004 ppbv

RT: 5.218 min Scan# 812

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 352997

Ion Ratio Lower Upper

43 100

45 10.3 8.1 12.1

61 10.0 7.5 11.3

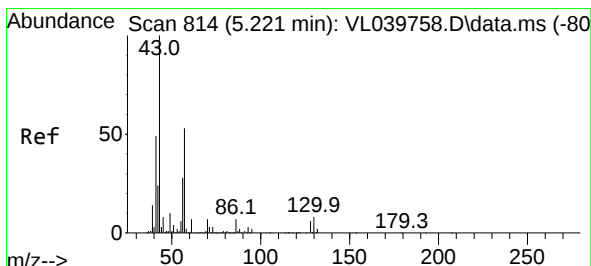
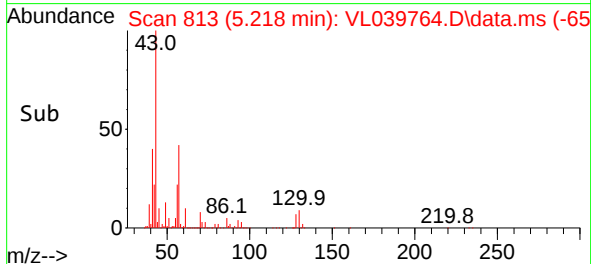
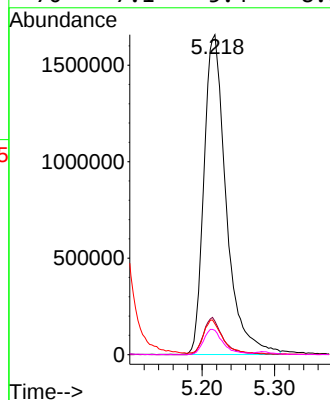
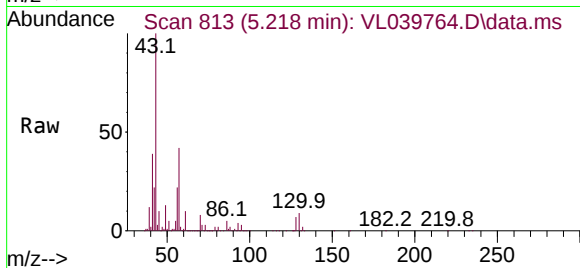
70 7.1 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

Hexane

Concen: 14.865 ppbv

RT: 5.224 min Scan# 815

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Tgt Ion: 57 Resp: 1424355

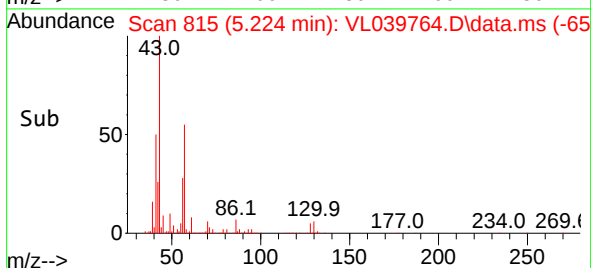
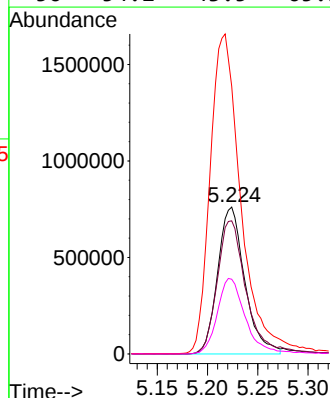
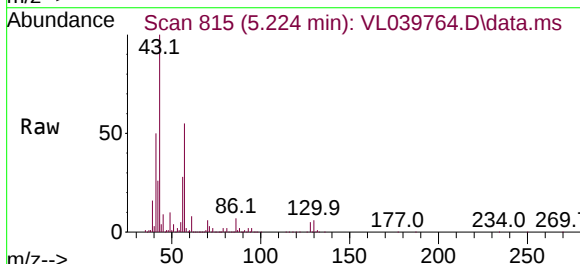
Ion Ratio Lower Upper

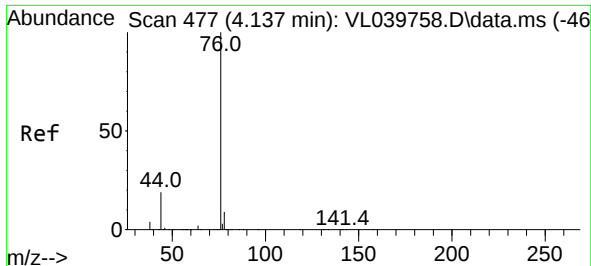
57 100

41 98.6 76.8 115.2

43 250.5 201.0 301.4

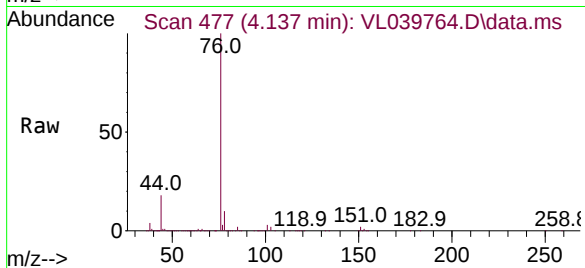
56 54.2 43.5 65.3





#27
Carbon Disulfide
Concen: 15.365 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

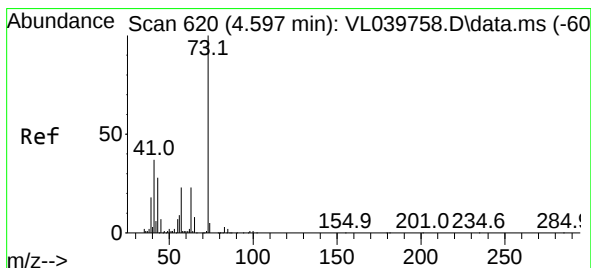
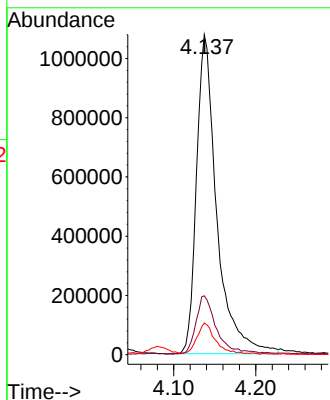
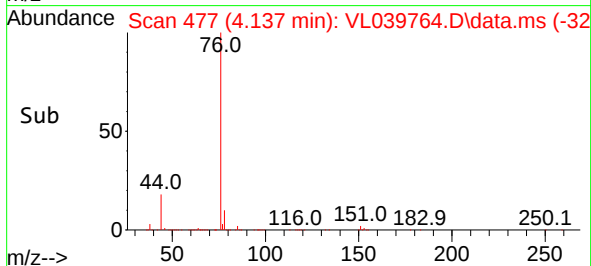
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



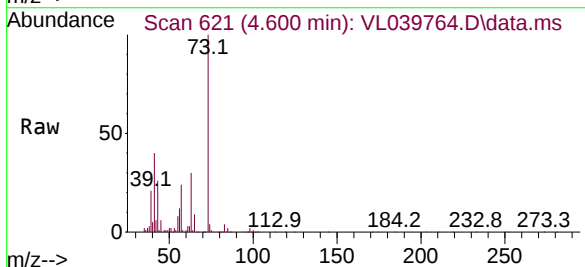
Tgt Ion: 76 Resp: 184363
Ion Ratio Lower Upper
76 100
44 19.1 14.5 21.7
78 9.9 8.1 12.1

Manual Integrations
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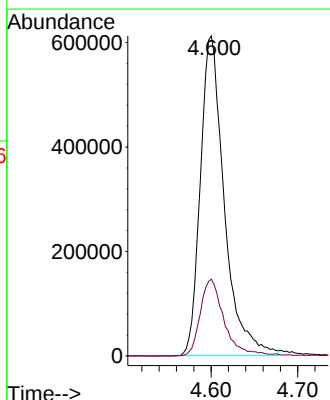
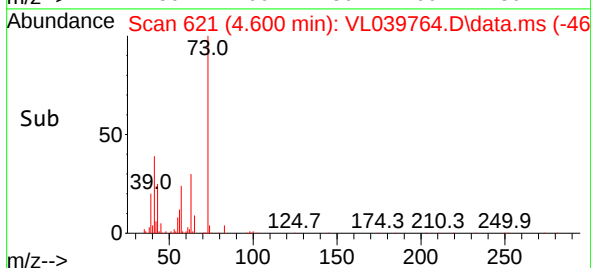
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

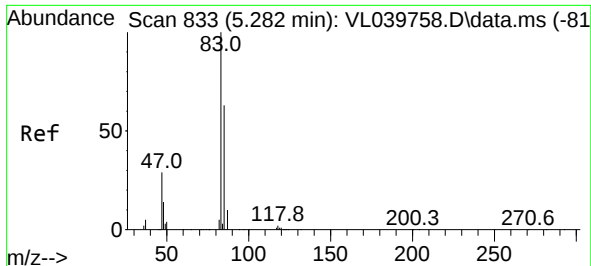


#28
Methyl tert-Butyl Ether
Concen: 12.949 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



Tgt Ion: 73 Resp: 1176626
Ion Ratio Lower Upper
73 100
57 24.5 19.4 29.2





#29

Chloroform

Concen: 14.431 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 2216604

Ion Ratio Lower Upper

83 100

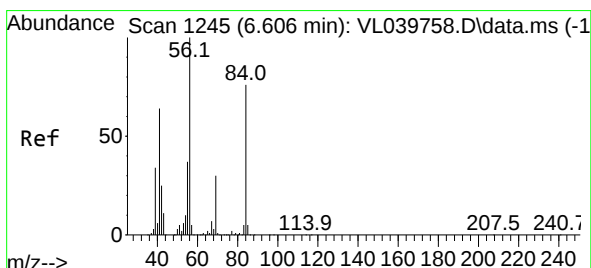
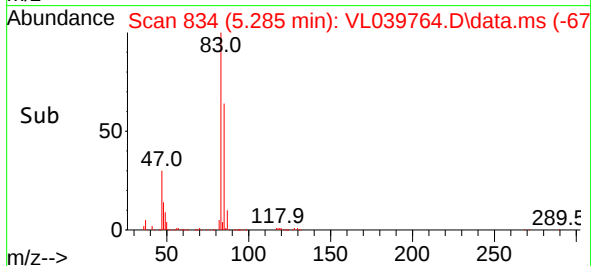
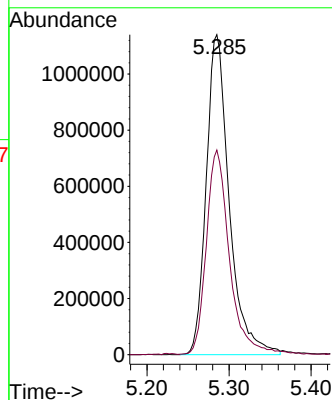
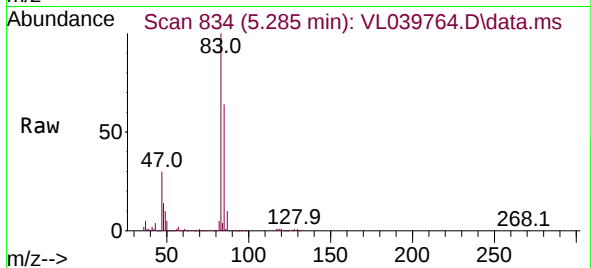
85 63.8 53.5 80.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 15.153 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.010 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

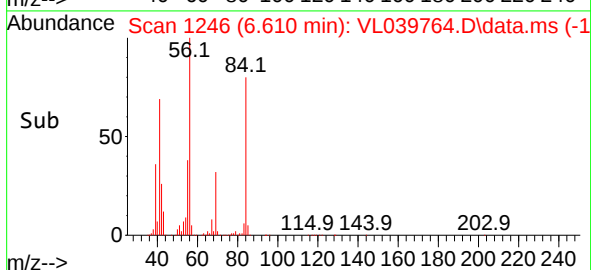
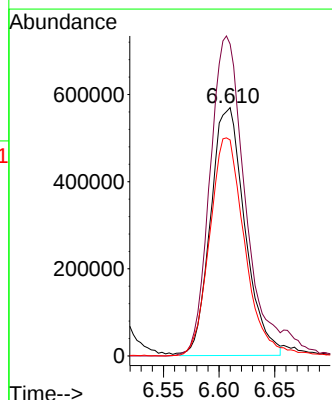
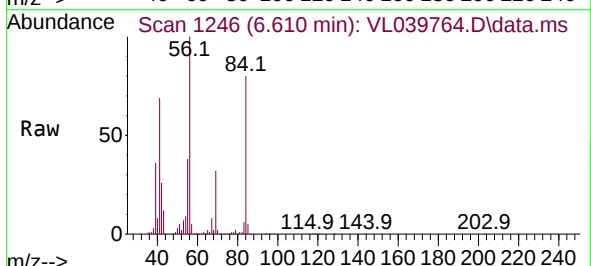
Tgt Ion: 84 Resp: 1220579

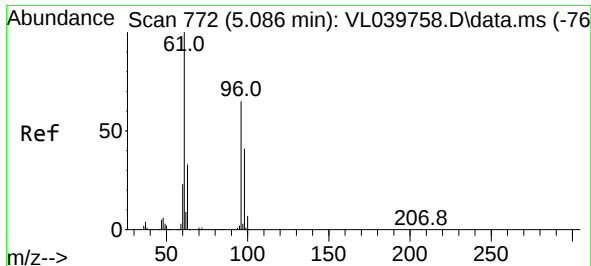
Ion Ratio Lower Upper

84 100

56 137.1 114.2 171.4

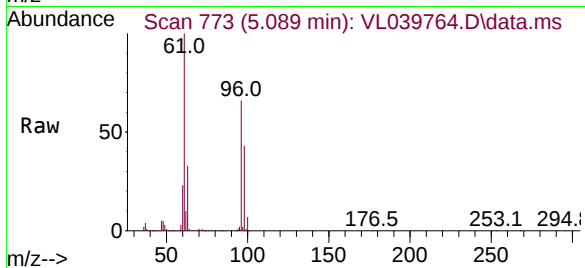
41 90.8 74.2 111.2





#31
 cis-1,2-Dichloroethene
 Concen: 16.219 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

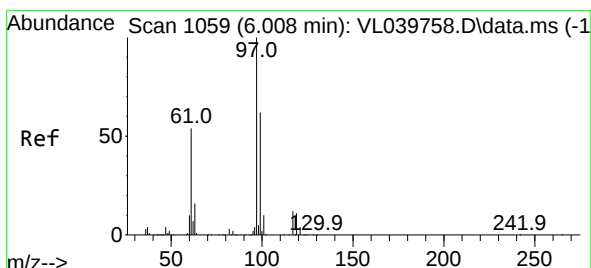
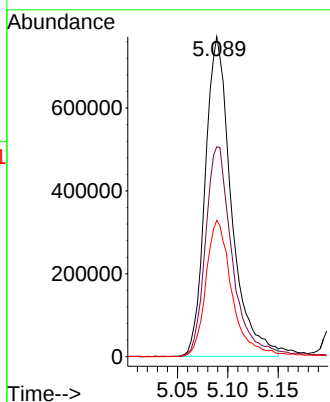
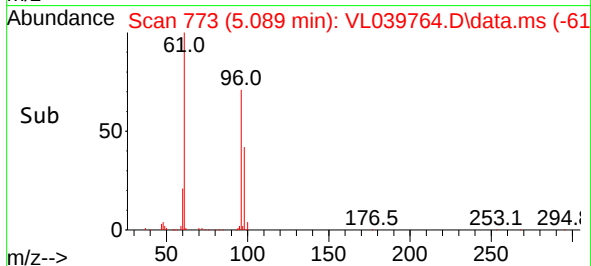
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 61 Resp: 1393600
 Ion Ratio Lower Upper
 61 100
 96 65.6 48.3 72.5
 98 42.6 33.2 49.8

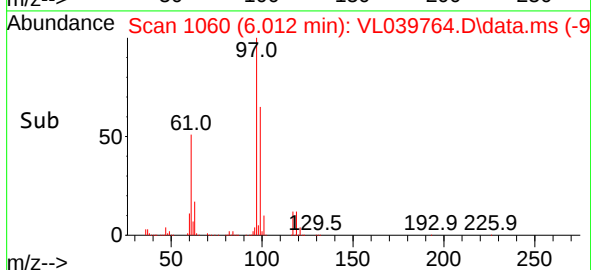
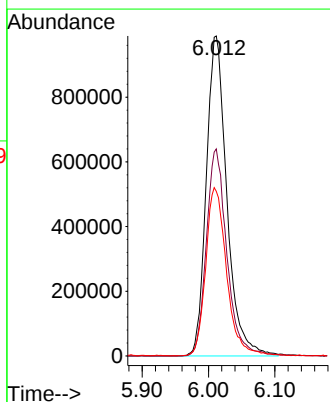
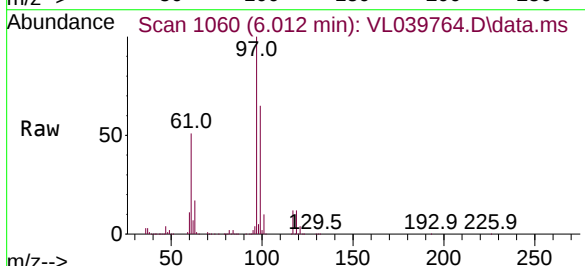
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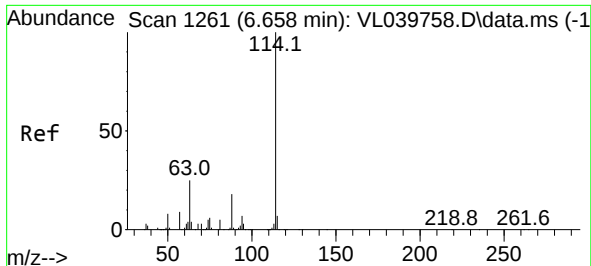
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 15.994 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.003 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

Tgt Ion: 97 Resp: 2130829
 Ion Ratio Lower Upper
 97 100
 99 64.8 53.0 79.4
 61 53.8 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:114 Resp: 259456

Ion Ratio Lower Upper

114 100

63 25.3 19.8 29.6

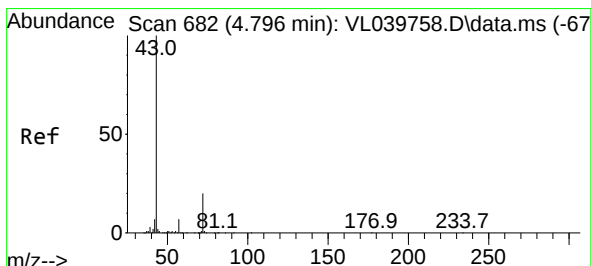
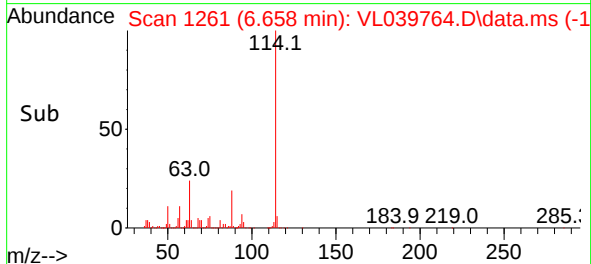
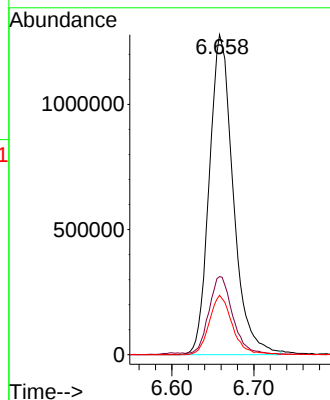
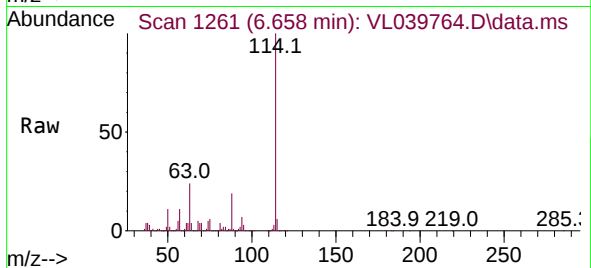
88 18.0 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 15.430 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039764.D

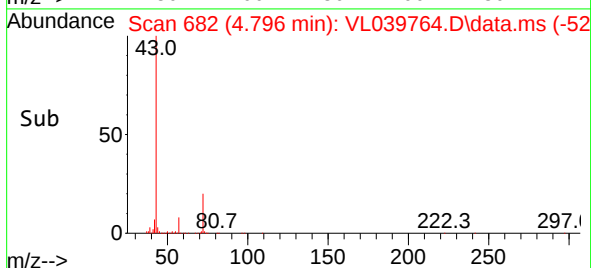
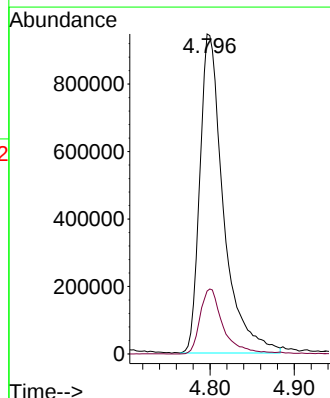
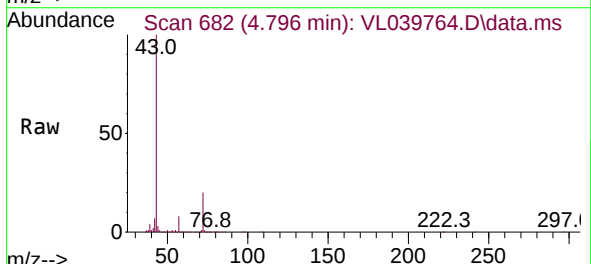
Acq: 24 Oct 2022 17:48

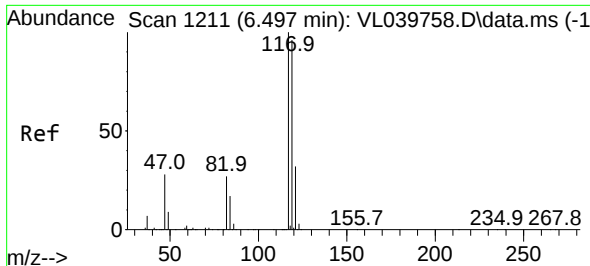
Tgt Ion: 43 Resp: 1846617

Ion Ratio Lower Upper

43 100

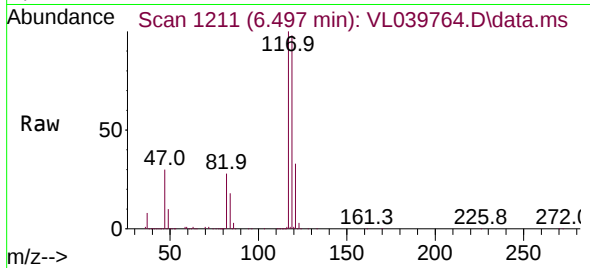
72 20.4 17.1 25.7





#35
Carbon Tetrachloride
Concen: 17.127 ppbv
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

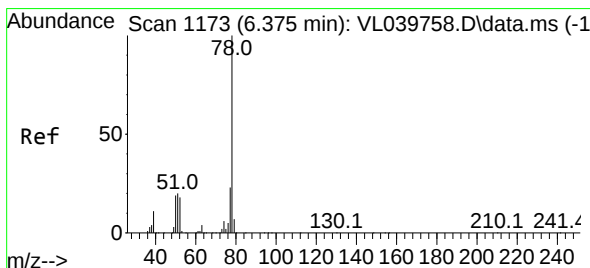
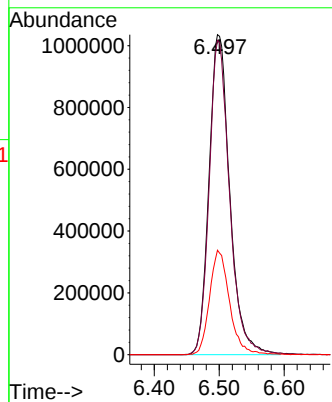
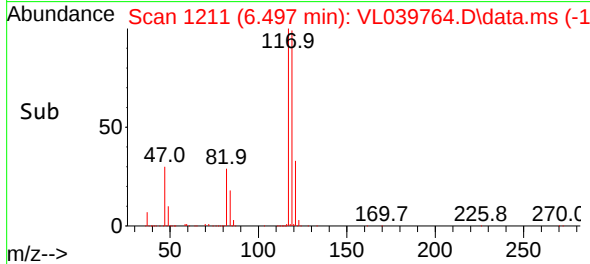
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 117 Resp: 2302960
Ion Ratio Lower Upper
117 100
119 98.3 79.2 118.8
121 32.7 25.0 37.6

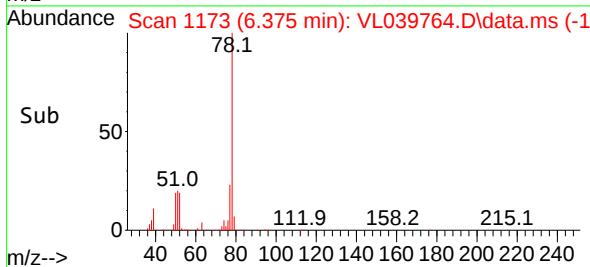
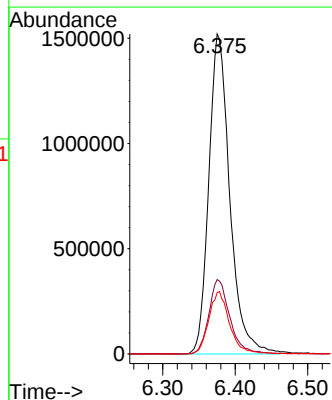
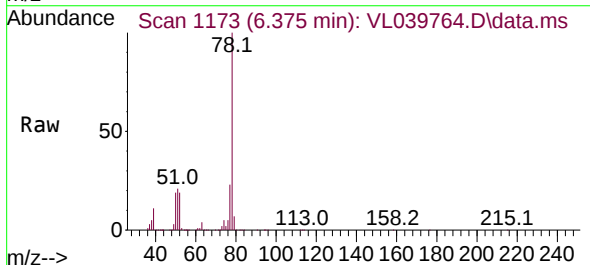
Manual Integrations
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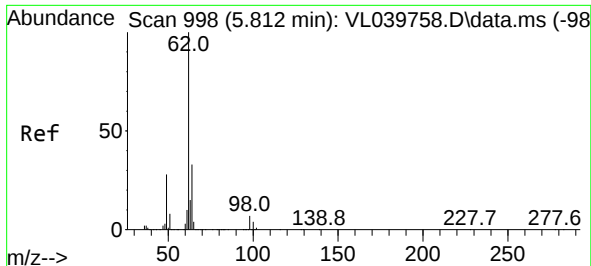
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 15.629 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Tgt Ion: 78 Resp: 3060294
Ion Ratio Lower Upper
78 100
77 23.2 17.3 25.9
50 19.1 14.9 22.3





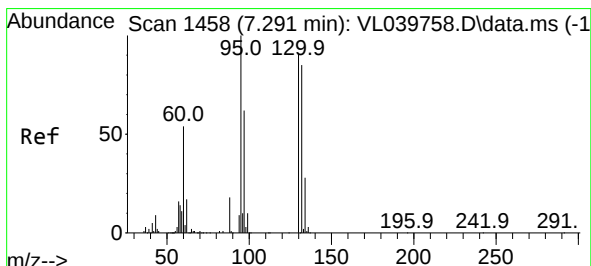
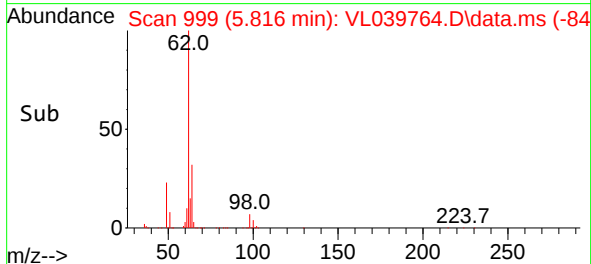
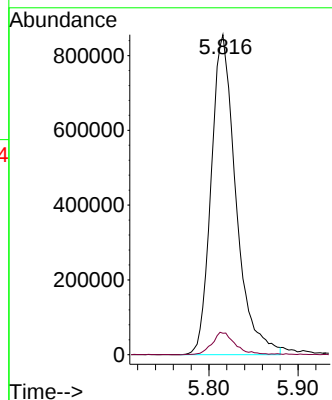
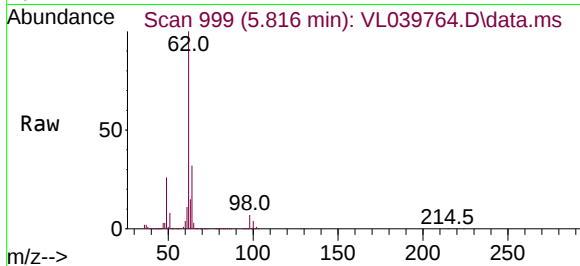
#37
1,2-Dichloroethane
Concen: 15.684 ppbv
RT: 5.816 min Scan# 998
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 62 Resp: 1654352
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.0

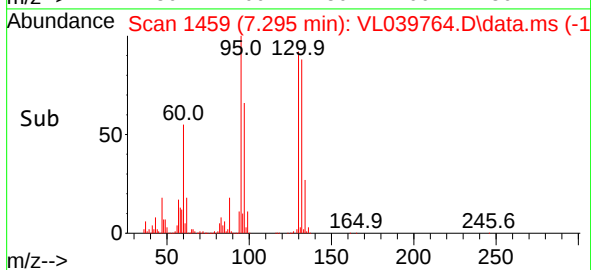
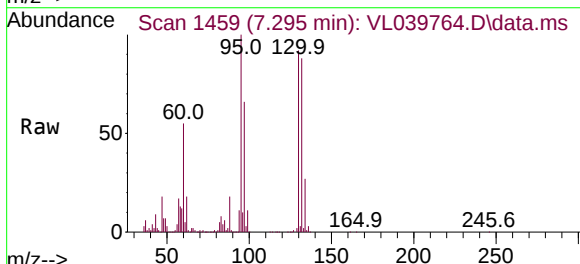
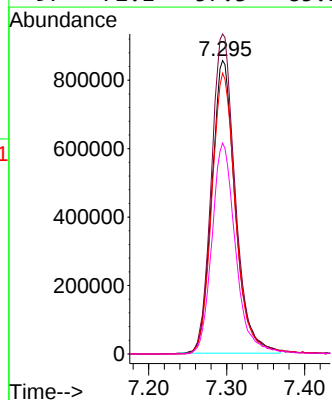
Manual Integrations
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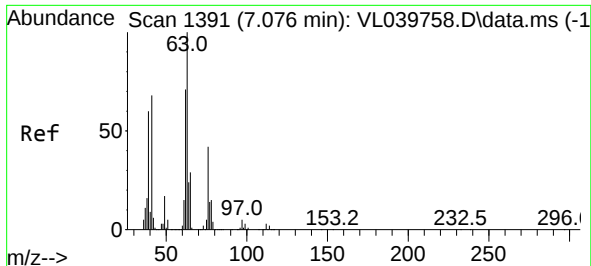
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Trichloroethene
Concen: 17.018 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Tgt Ion:130 Resp: 1787390
Ion Ratio Lower Upper
130 100
95 109.3 85.4 128.2
132 95.9 73.0 109.6
97 72.1 57.3 85.9





#39

1,2-Dichloropropane

Concen: 15.627 ppbv

RT: 7.079 min Scan# 1391

Delta R.T. 0.007 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 63 Resp: 117383

Ion Ratio Lower Upper

63 100

41 73.1 59.5 89.3

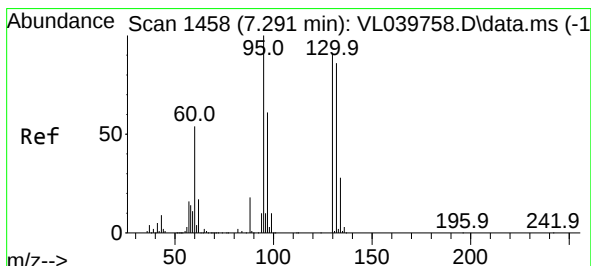
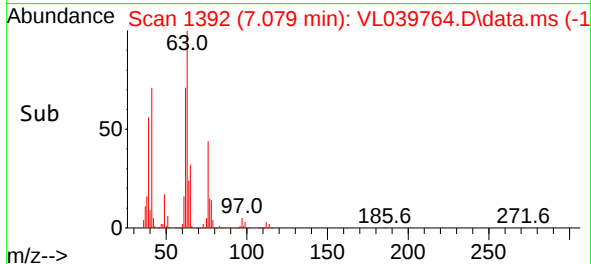
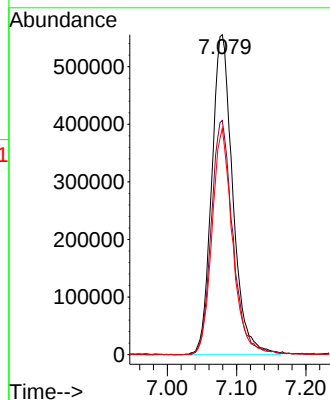
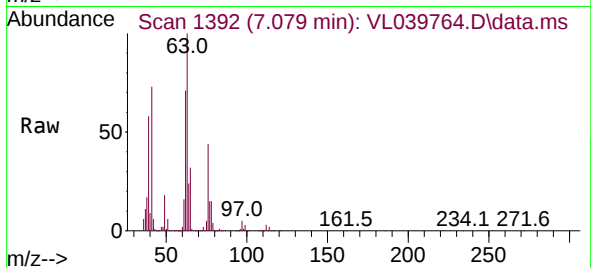
62 70.6 55.2 82.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

1,4-Dioxane

Concen: 12.618 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.013 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Tgt Ion: 88 Resp: 363059

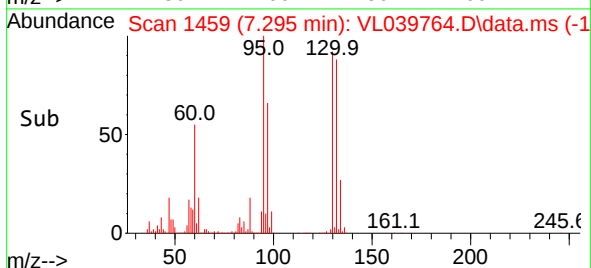
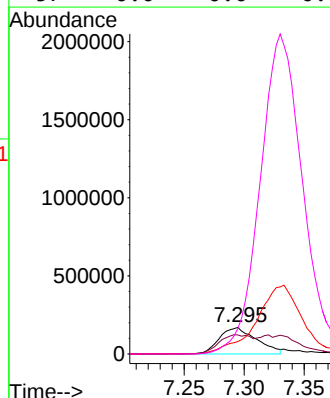
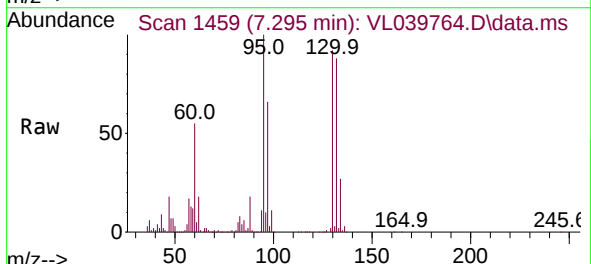
Ion Ratio Lower Upper

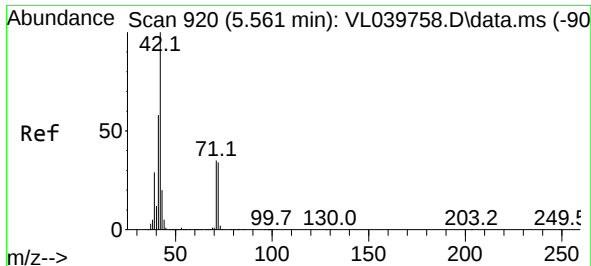
88 100

58 62.9 101.6 152.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 16.514 ppbv

RT: 5.565 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 126711

Ion Ratio Lower Upper

42 100

72 37.8 30.0 45.0

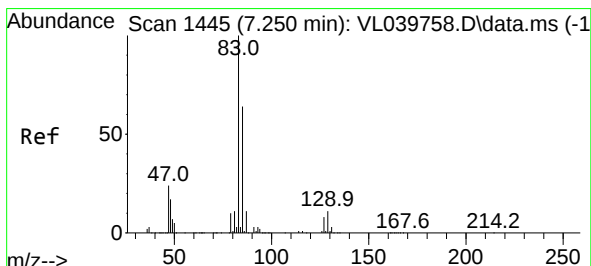
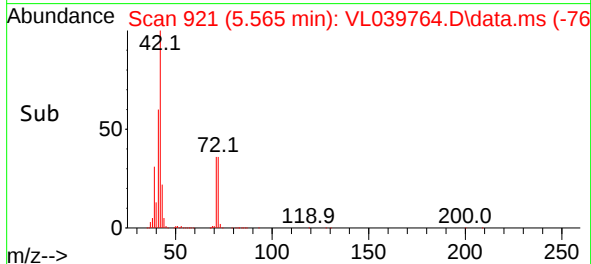
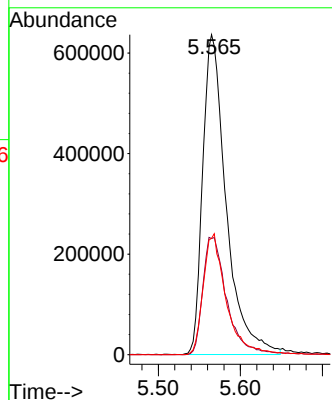
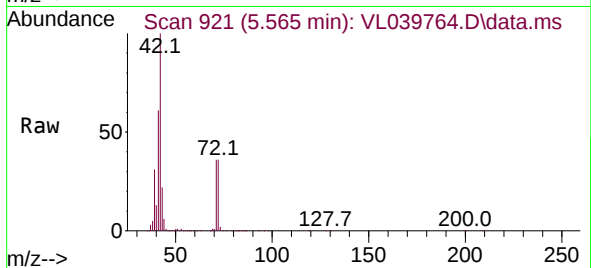
71 37.3 29.3 43.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#42

Bromodichloromethane

Concen: 16.691 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.007 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

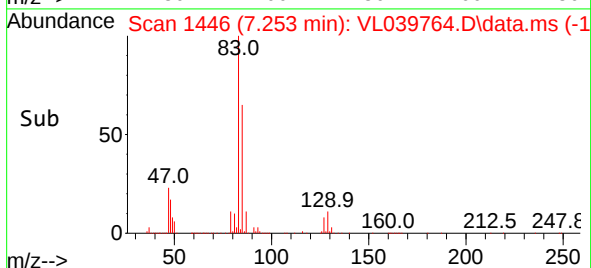
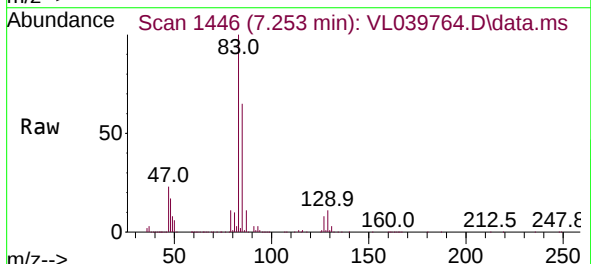
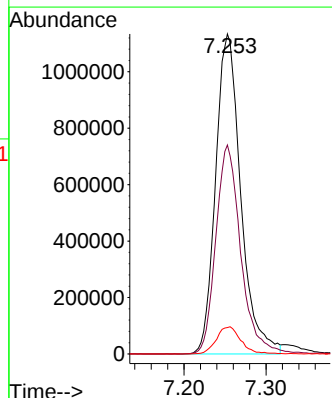
Tgt Ion: 83 Resp: 2417784

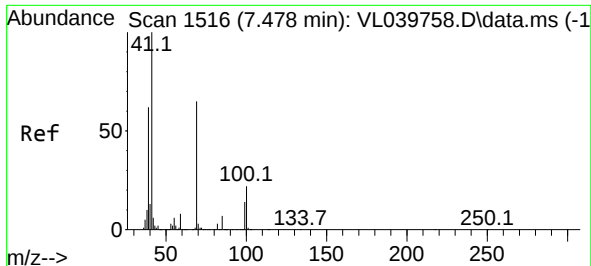
Ion Ratio Lower Upper

83 100

85 65.3 51.0 76.6

127 8.2 6.5 9.7





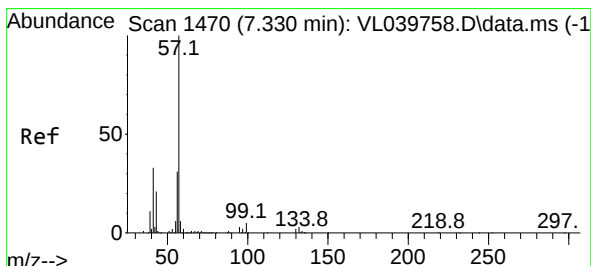
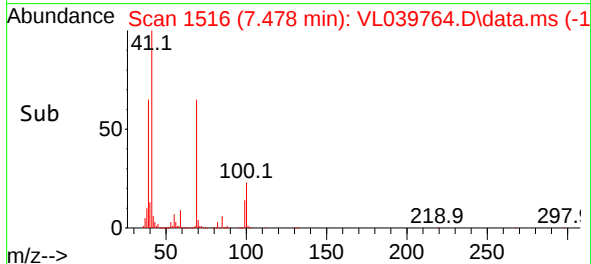
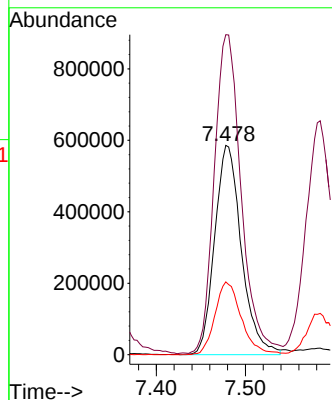
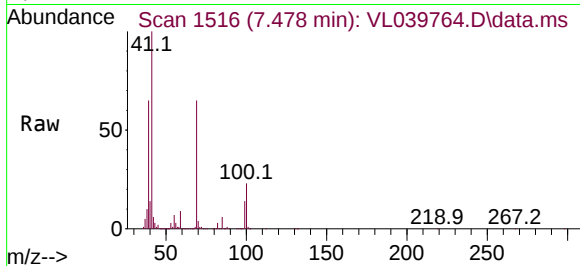
#43
Methyl Methacrylate
Concen: 17.346 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 122182
Ion Ratio Lower Upper
69 100
41 154.4 124.6 186.8
100 34.3 27.5 41.3

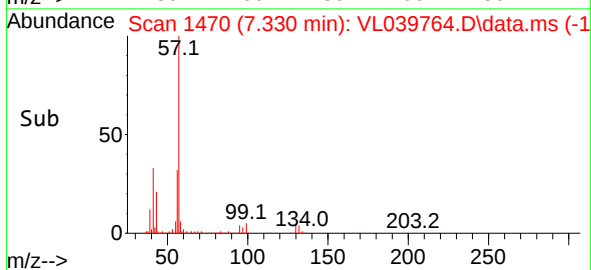
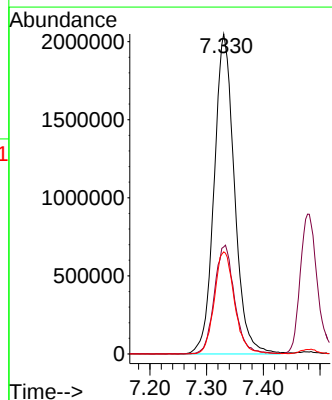
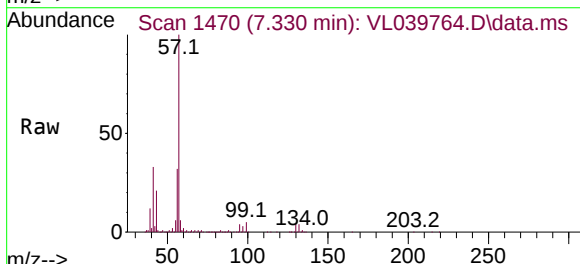
Manual Integrations
APPROVED

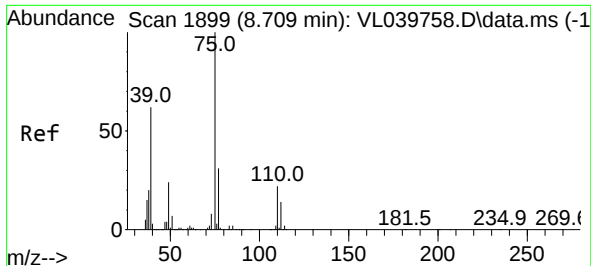
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
2,2,4-Trimethylpentane
Concen: 15.362 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Tgt Ion: 57 Resp: 5096930
Ion Ratio Lower Upper
57 100
41 33.9 27.1 40.7
56 31.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 20.211 ppbv

RT: 8.709 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 75 Resp: 1178438

Ion Ratio Lower Upper

75 100

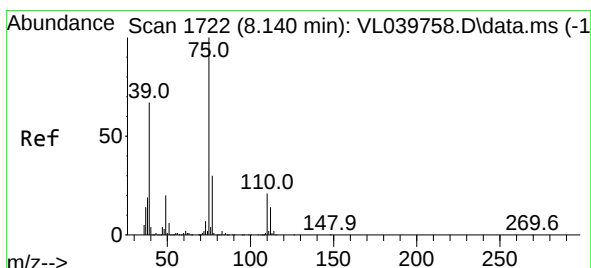
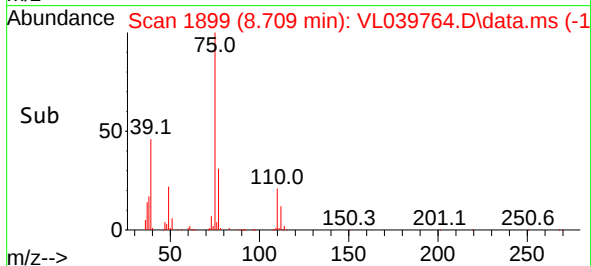
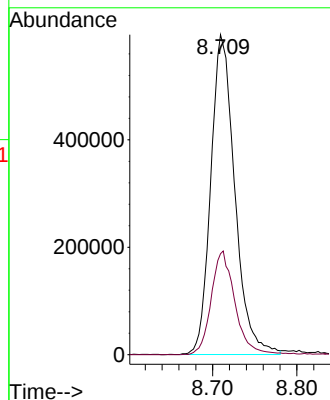
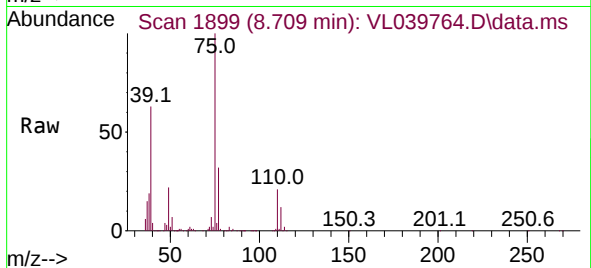
77 31.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

cis-1,3-Dichloropropene

Concen: 19.322 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

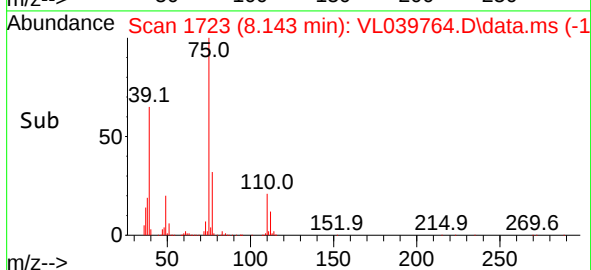
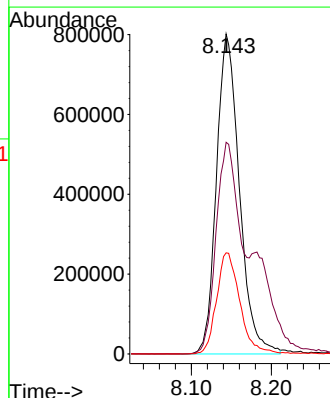
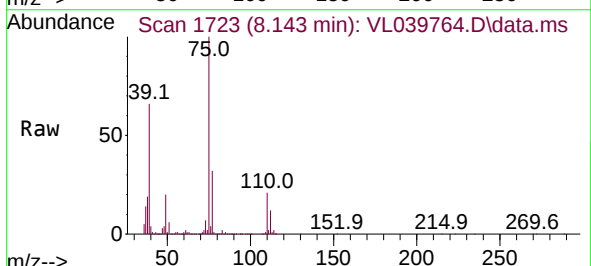
Tgt Ion: 75 Resp: 1595832

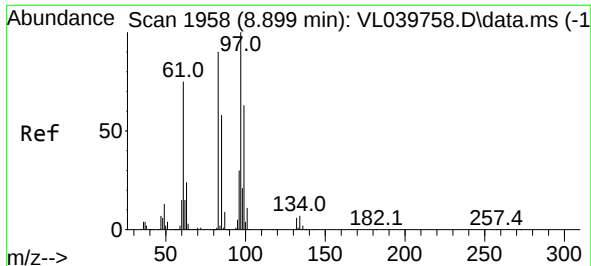
Ion Ratio Lower Upper

75 100

39 66.1 52.2 78.4

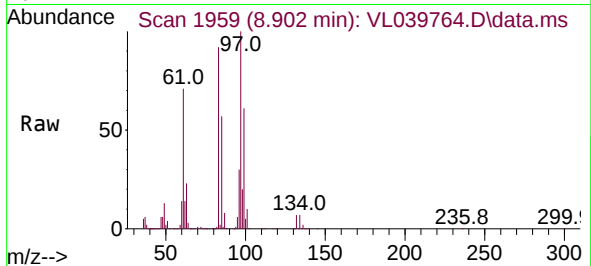
77 31.6 26.6 40.0





#47
1,1,2-Trichloroethane
Concen: 15.501 ppbv
RT: 8.902 min Scan# 1959
Delta R.T. 0.010 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

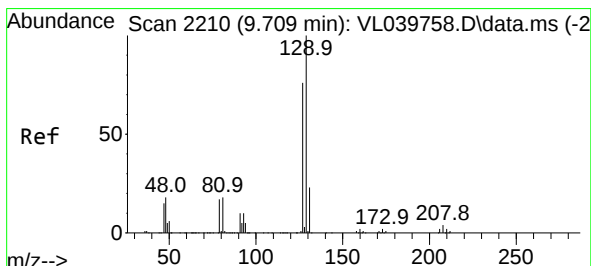
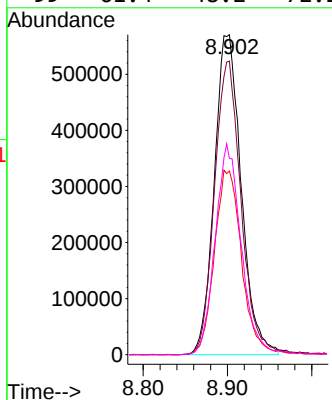
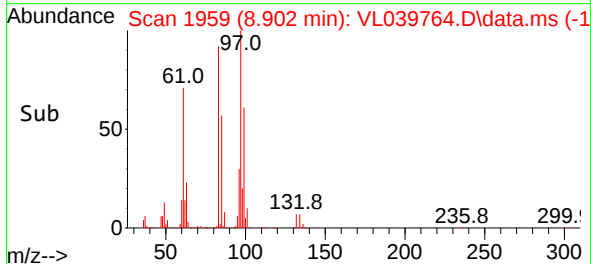
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 97 Resp: 126451
Ion Ratio Lower Upper
97 100
83 91.7 68.8 103.2
85 57.4 44.8 67.2
99 61.4 48.2 72.2

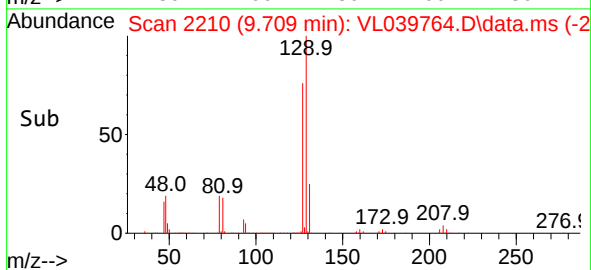
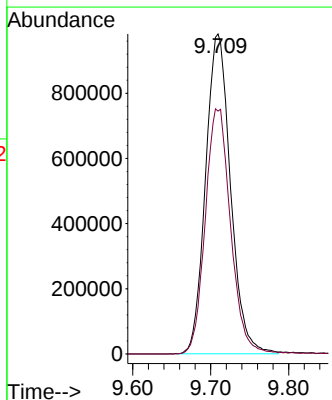
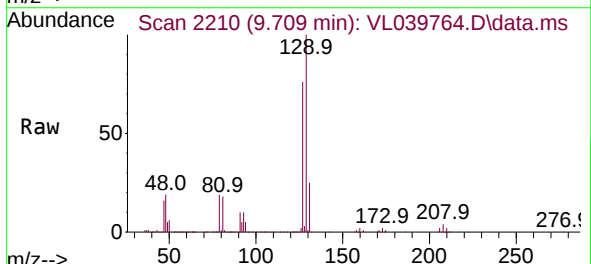
Manual Integrations
APPROVED

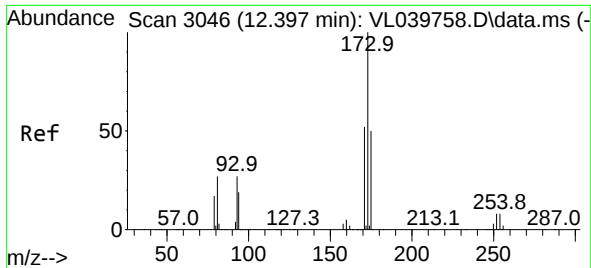
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Dibromochloromethane
Concen: 17.736 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

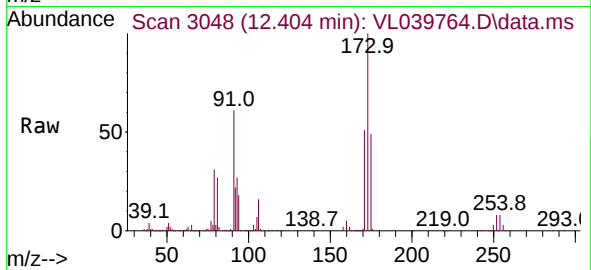
Tgt Ion:129 Resp: 2182592
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6





#49
Bromoform
Concen: 18.574 ppbv
RT: 12.404 min Scan# 3046
Delta R.T. 0.010 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

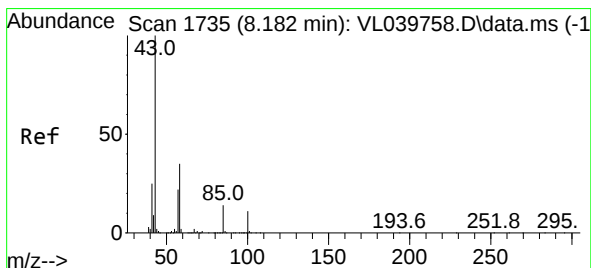
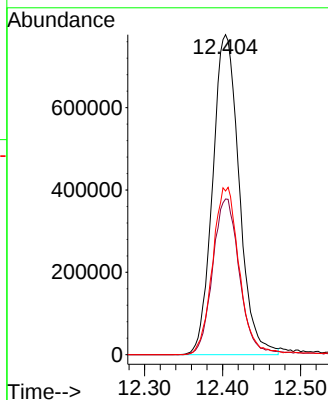
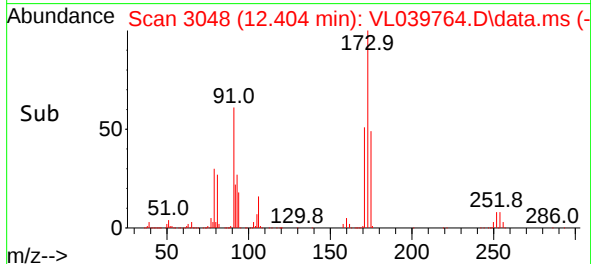
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 173 Resp: 184017
Ion Ratio Lower Upper
173 100
175 50.1 39.4 59.0
171 53.6 41.6 62.4

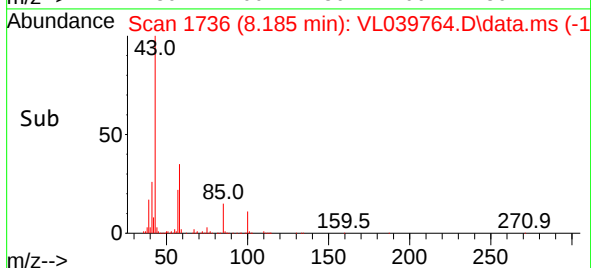
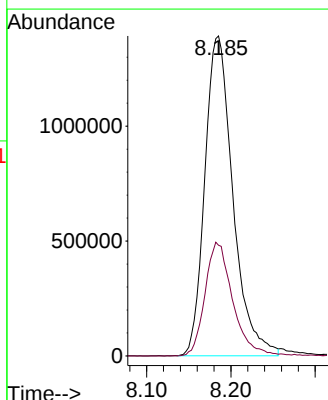
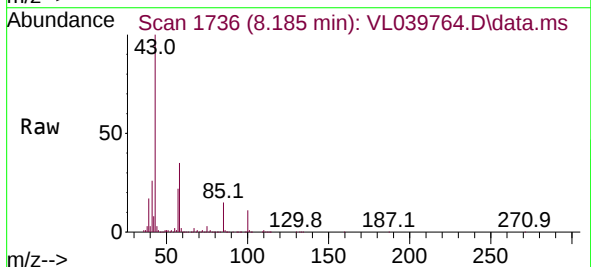
Manual Integrations
APPROVED

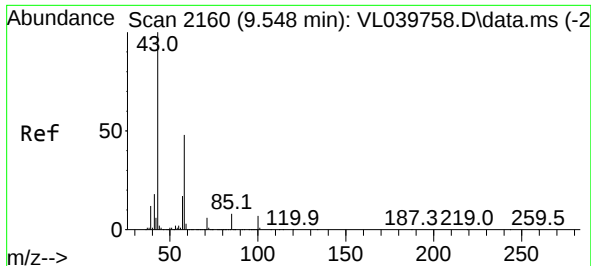
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 16.545 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

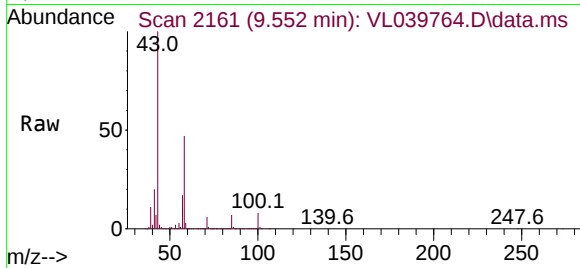
Tgt Ion: 43 Resp: 3228361
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0





#51
2-Hexanone
Concen: 18.109 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

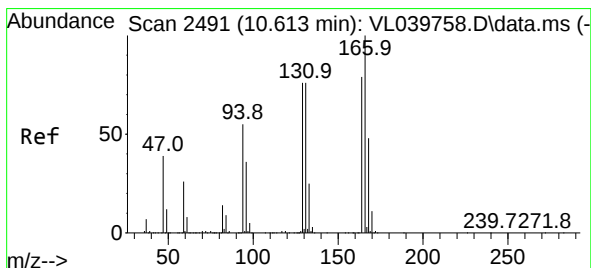
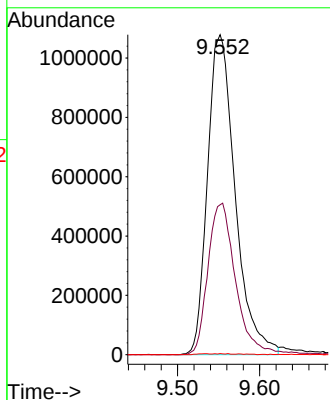
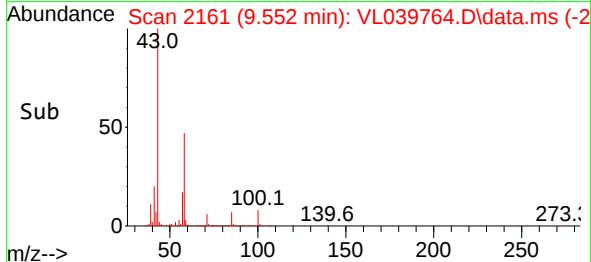
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



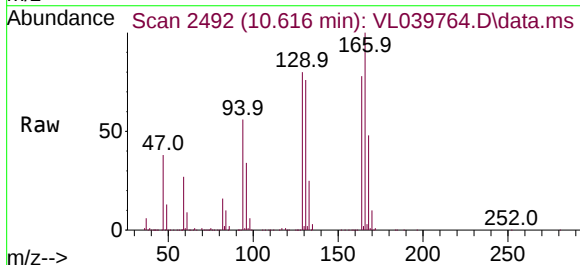
Tgt Ion: 43 Resp: 2532724
Ion Ratio Lower Upper
43 100
58 47.7 37.6 56.4
98 0.3 0.6 0.8

Manual Integrations
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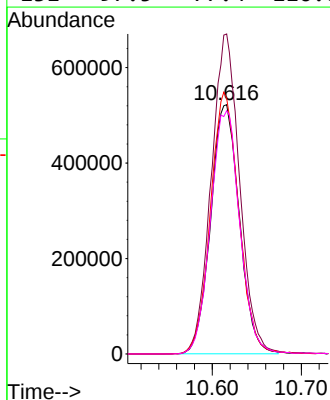
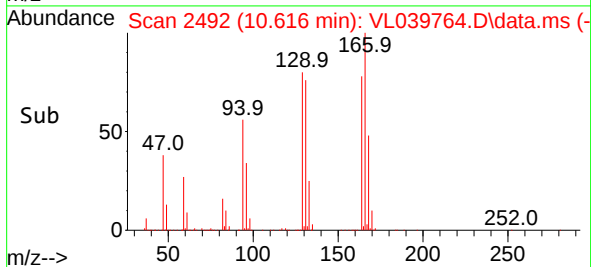
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

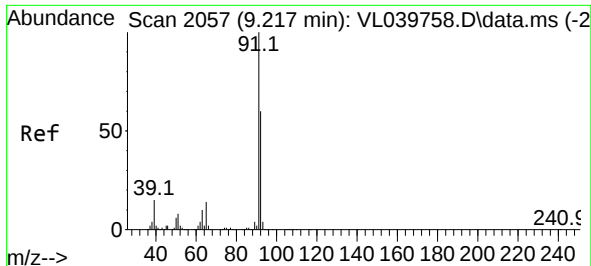


#52
Tetrachloroethene
Concen: 16.477 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.010 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



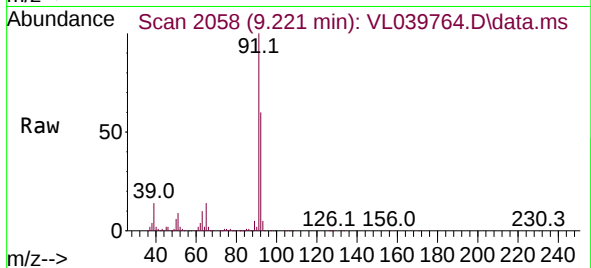
Tgt Ion:164 Resp: 1164643
Ion Ratio Lower Upper
164 100
166 128.3 100.0 150.0
129 102.5 82.1 123.1
131 97.5 77.4 116.0





#53
Toluene
Concen: 17.261 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

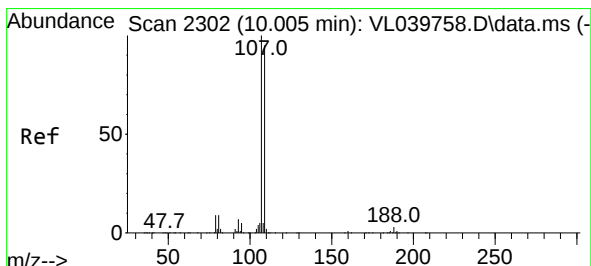
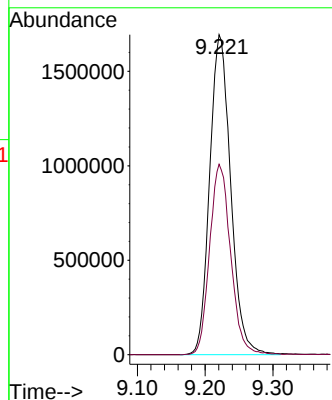
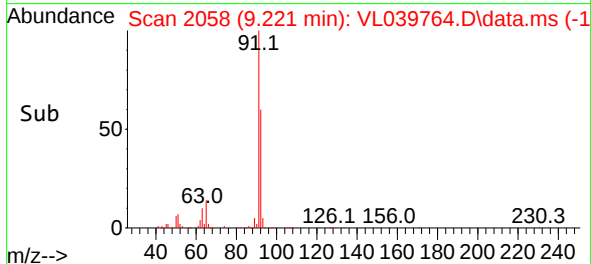
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



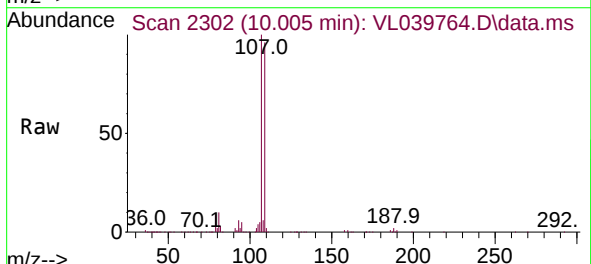
Tgt Ion: 91 Resp: 364965
Ion Ratio Lower Upper
91 100
92 59.7 47.7 71.5

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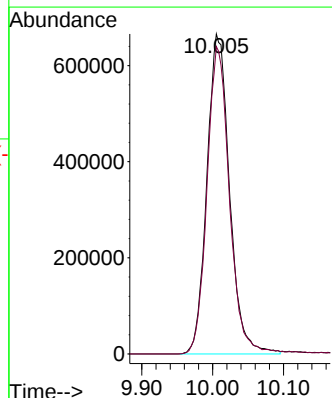
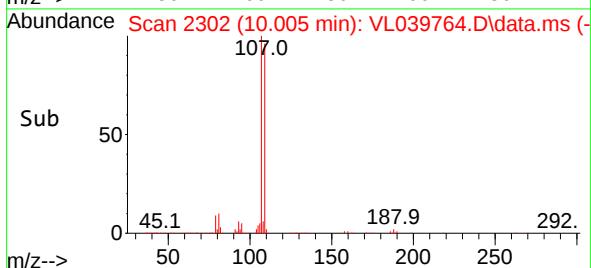
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

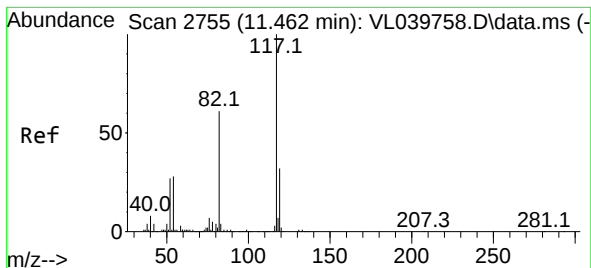


#54
1,2-Dibromoethane
Concen: 18.037 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



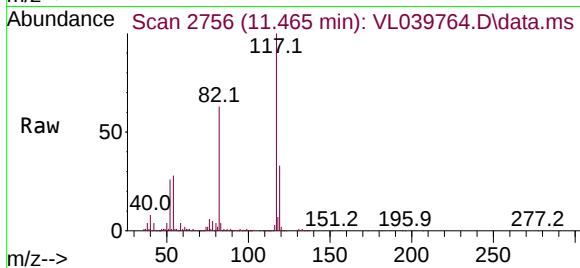
Tgt Ion:107 Resp: 1479599
Ion Ratio Lower Upper
107 100
109 96.0 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2755
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

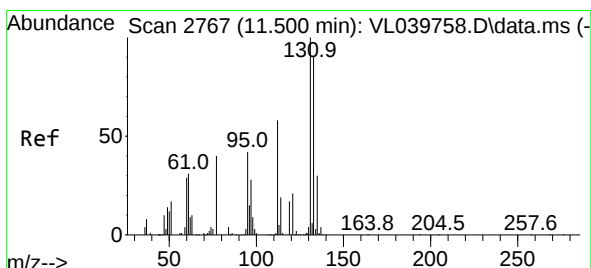
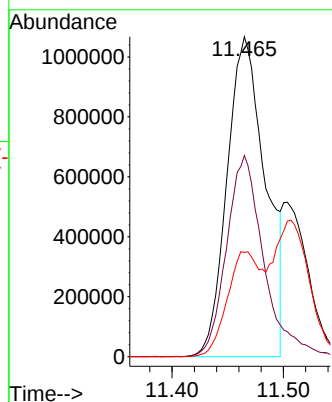
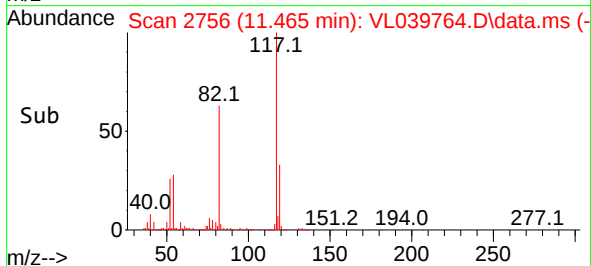
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



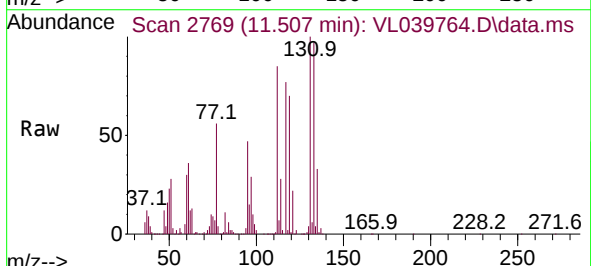
Tgt Ion:117 Resp: 255890
Ion Ratio Lower Upper
117 100
82 61.6 51.4 77.0
119 29.9 24.6 36.8

Manual Integrations
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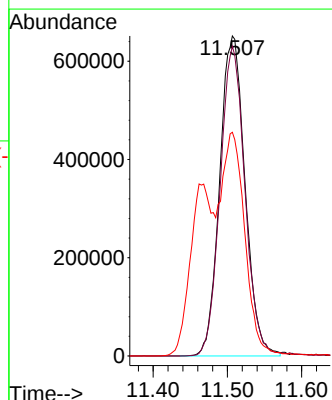
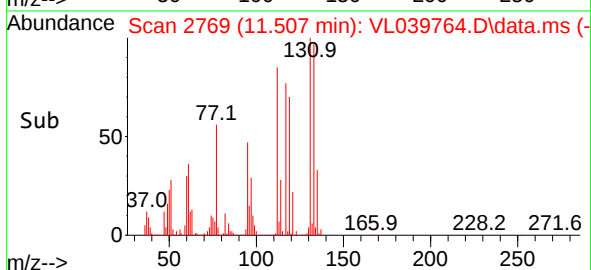
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

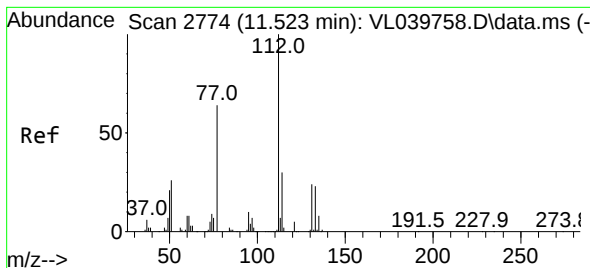


#56
1,1,1,2-Tetrachloroethane
Concen: 14.849 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



Tgt Ion:131 Resp: 1542149
Ion Ratio Lower Upper
131 100
133 95.5 77.2 115.8
119 74.0 55.5 83.3





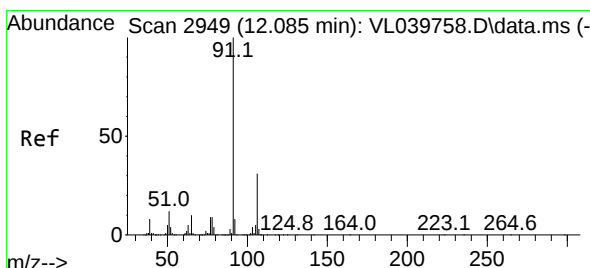
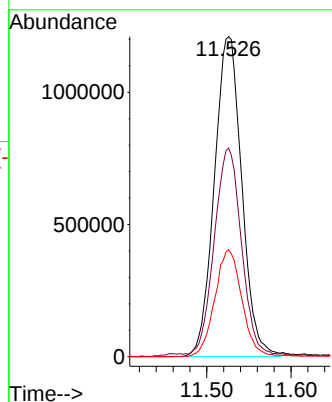
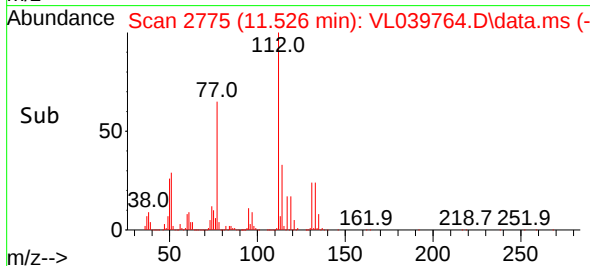
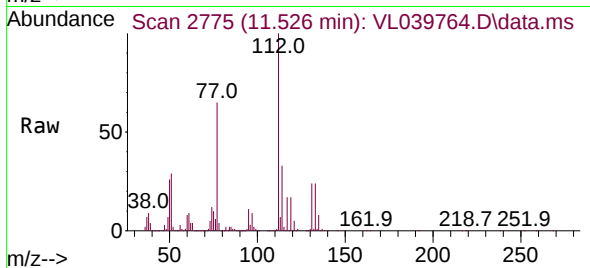
#57
Chlorobenzene
Concen: 14.560 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:112 Resp: 2733392
Ion Ratio Lower Upper
112 100
77 64.3 51.4 77.2
114 33.5 30.0 36.6

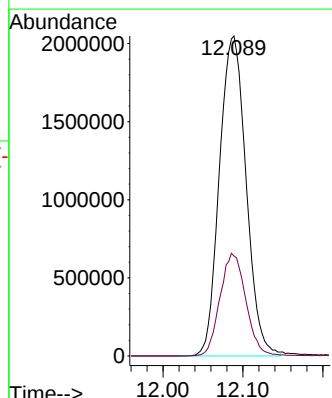
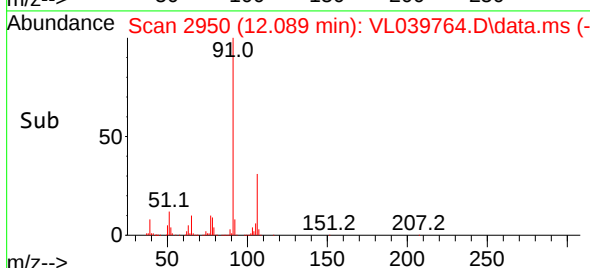
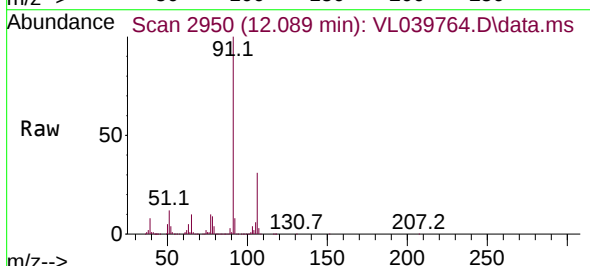
Manual Integrations
APPROVED

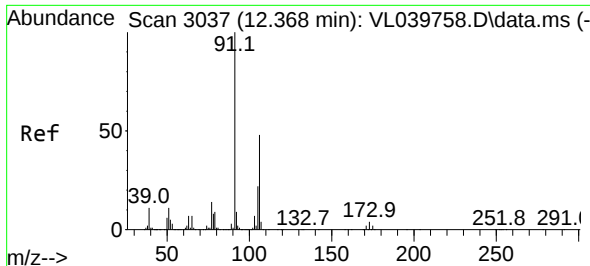
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
Ethyl Benzene
Concen: 16.036 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.010 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Tgt Ion: 91 Resp: 4739509
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8





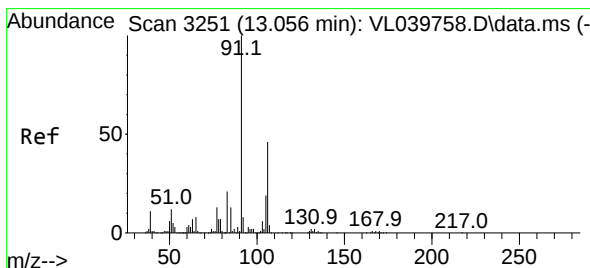
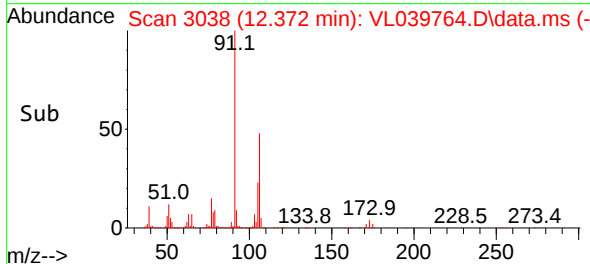
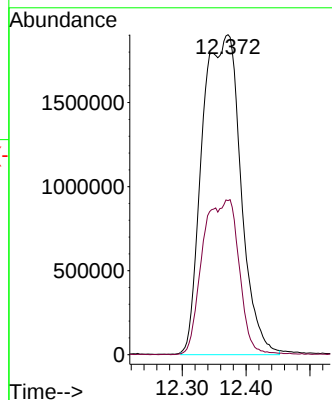
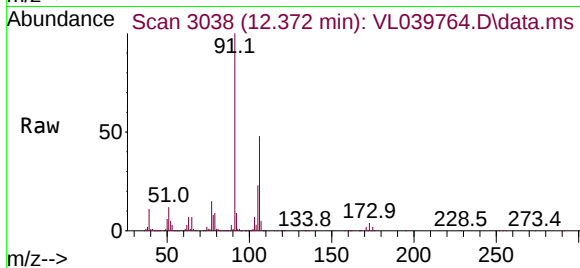
#59
m/p-Xylene
Concen: 30.420 ppbv m
RT: 12.372 min Scan# 3037
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 7946279
Ion Ratio Lower Upper
91 100
106 45.9 36.2 54.4

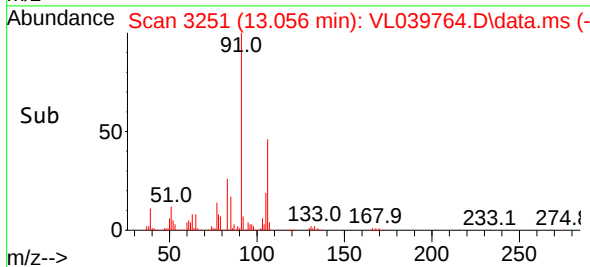
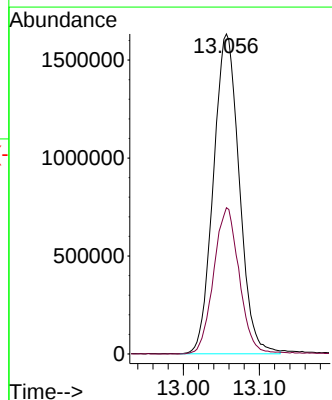
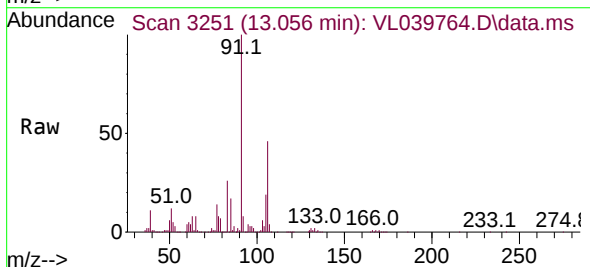
Manual Integrations
APPROVED

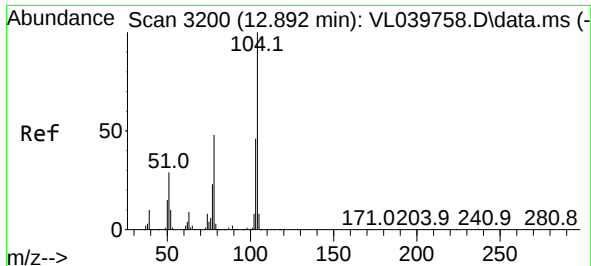
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 15.432 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

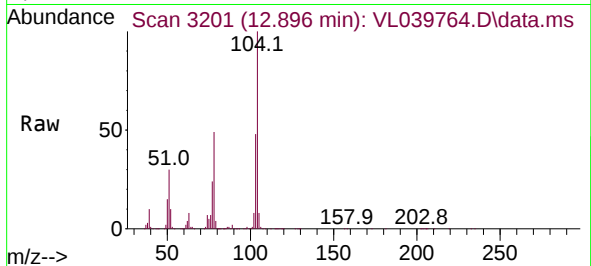
Tgt Ion: 91 Resp: 3856317
Ion Ratio Lower Upper
91 100
106 45.8 22.4 67.0





#61
Styrene
Concen: 18.169 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

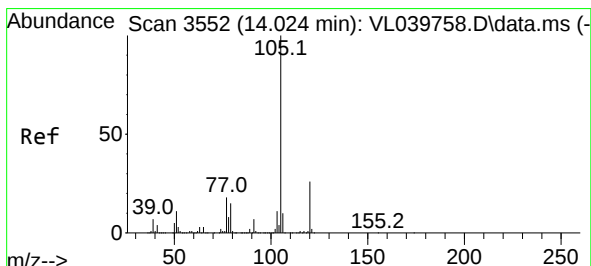
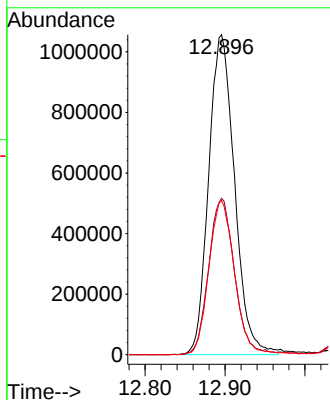
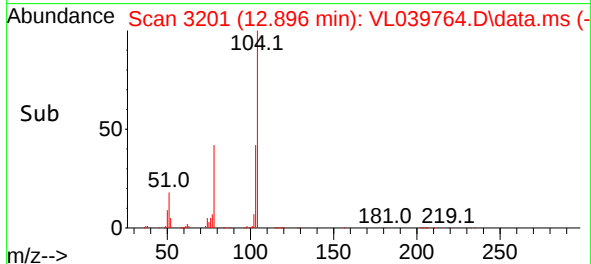
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:104 Resp: 237536
Ion Ratio Lower Upper
104 100
78 49.4 39.6 59.4
103 48.2 38.1 57.1

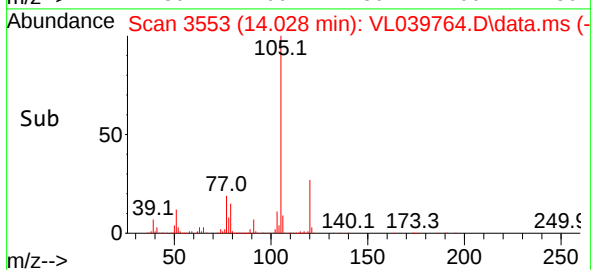
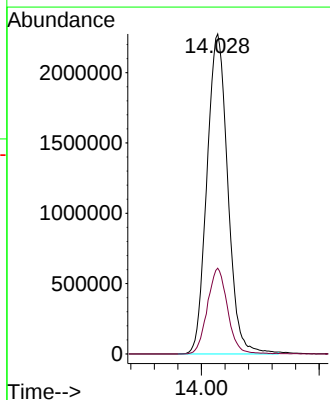
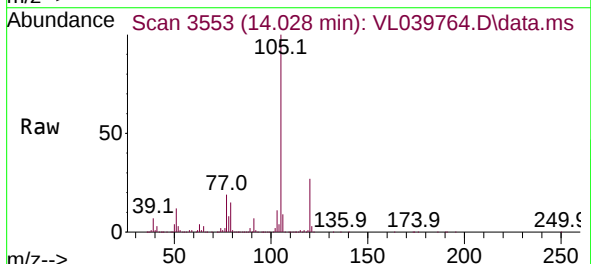
Manual Integrations
APPROVED

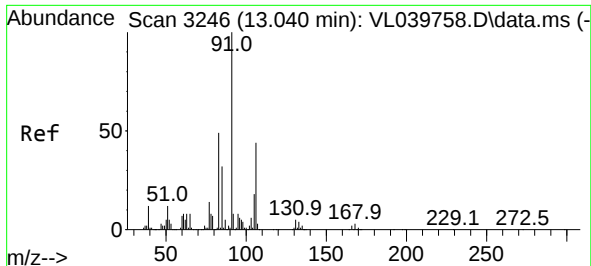
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
Isopropylbenzene
Concen: 15.047 ppbv
RT: 14.028 min Scan# 3553
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Tgt Ion:105 Resp: 5600286
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.4





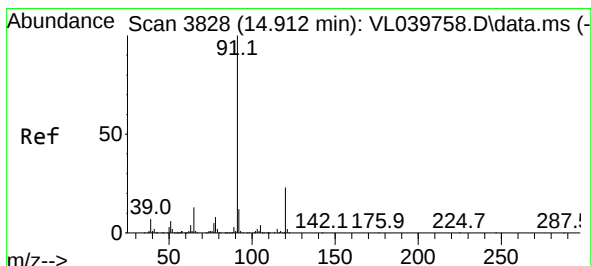
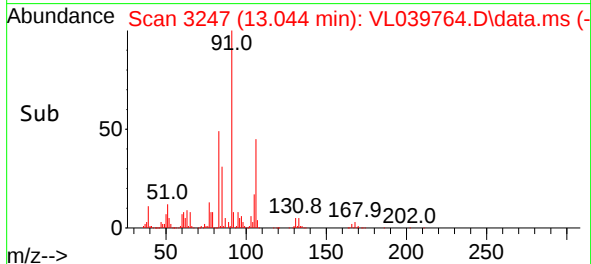
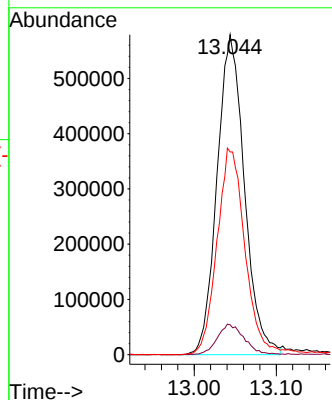
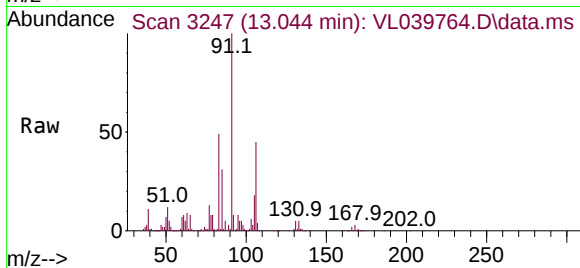
#63
1,1,2,2-Tetrachloroethane
Concen: 14.069 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 134351
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 67.5 32.8 98.4

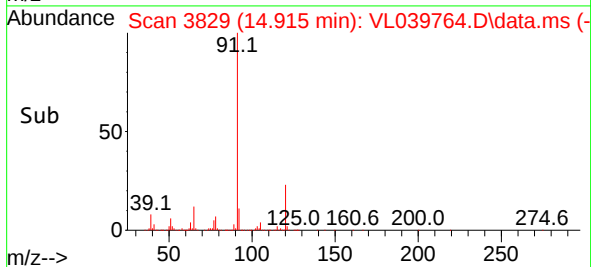
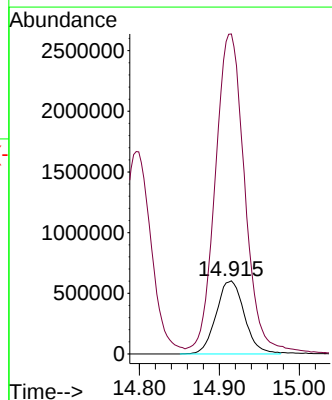
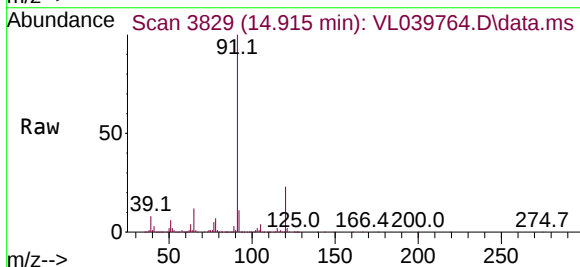
Manual Integrations
APPROVED

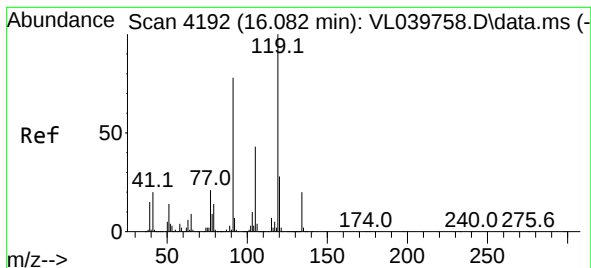
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
n-propylbenzene
Concen: 15.755 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.010 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

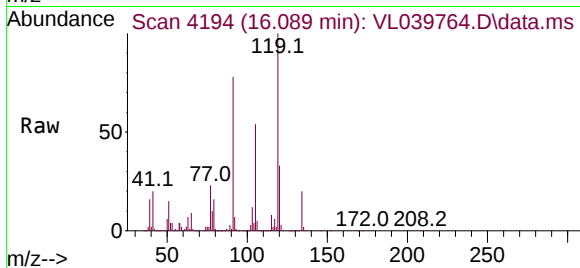
Tgt Ion:120 Resp: 1473263
Ion Ratio Lower Upper
120 100
91 462.7 376.2 564.2





#65
tert-Butylbenzene
Concen: 14.908 ppbv
RT: 16.089 min Scan# 4192
Delta R.T. 0.010 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

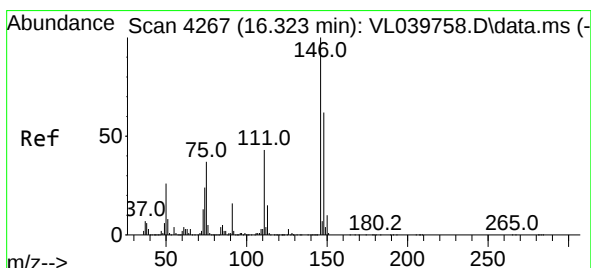
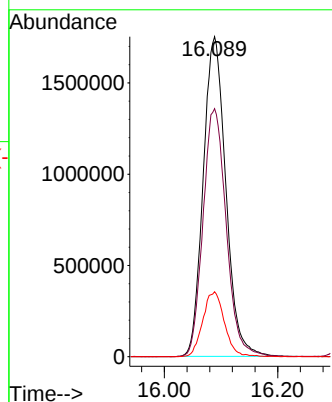
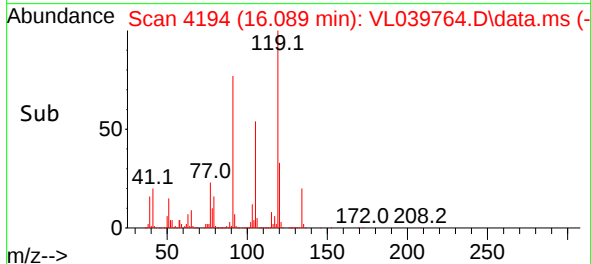
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



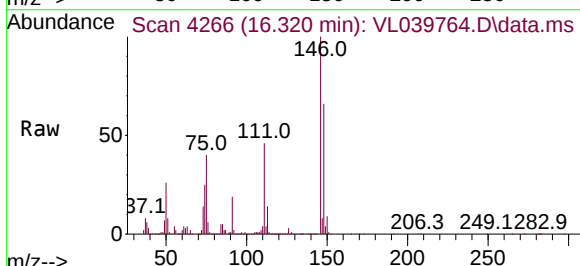
Tgt Ion:119 Resp: 4861018
Ion Ratio Lower Upper
119 100
91 79.5 64.2 96.2
134 19.5 15.5 23.3

Manual Integrations
APPROVED

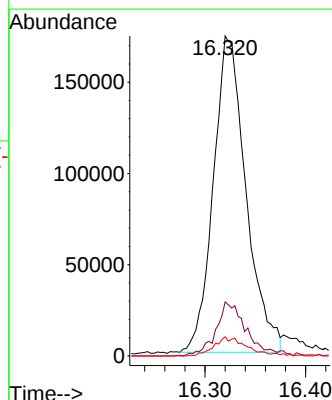
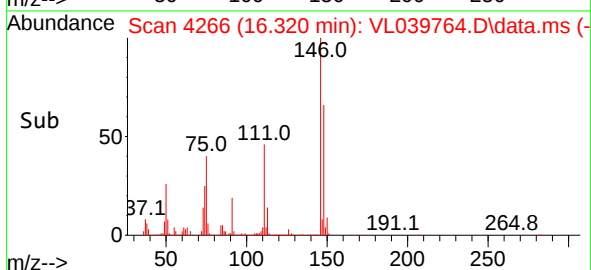
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

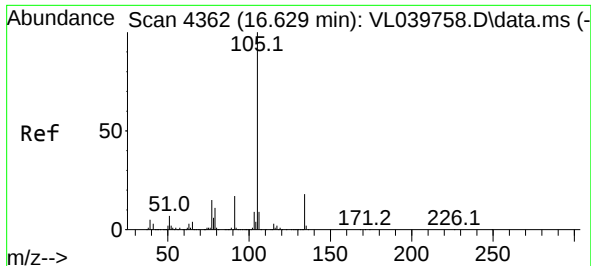


#66
Benzyl Chloride
Concen: 17.149 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



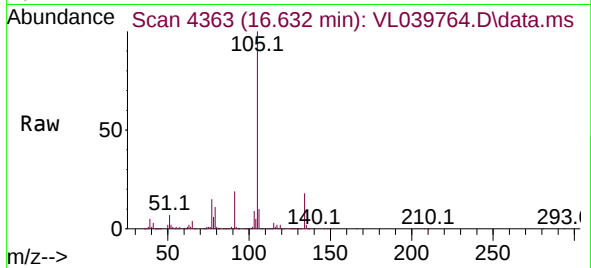
Tgt Ion: 91 Resp: 390716
Ion Ratio Lower Upper
91 100
126 16.5 12.6 18.8
128 6.1 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 15.057 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

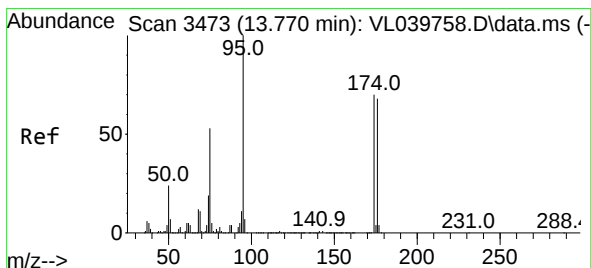
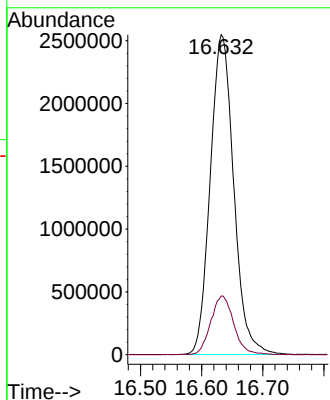
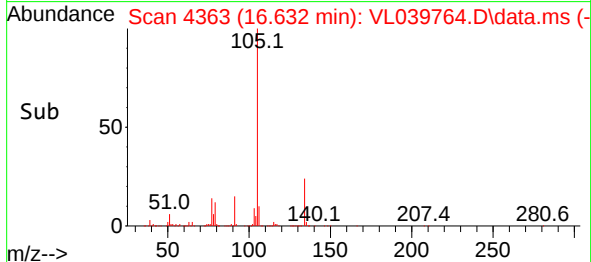
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:105 Resp: 679222
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.2 21.4

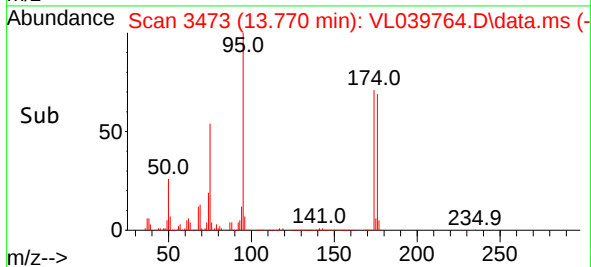
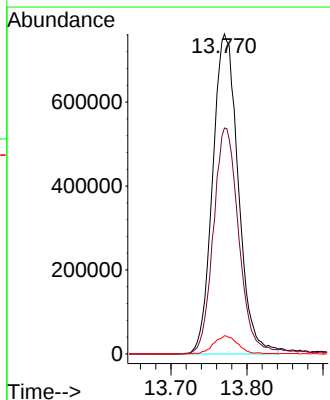
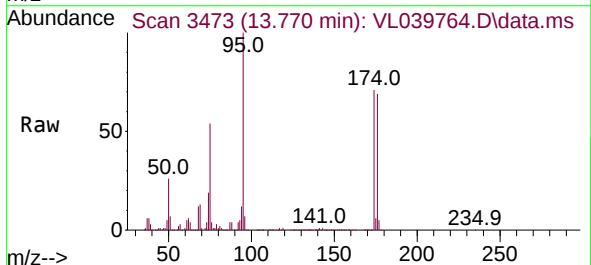
Manual Integrations
 APPROVED

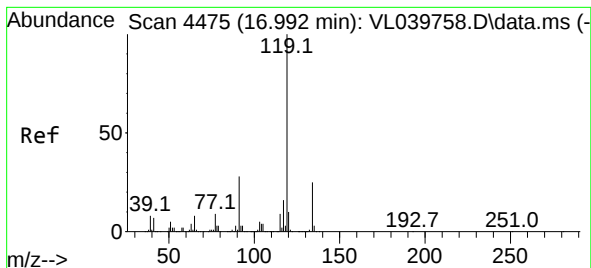
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.819 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.003 min
 Lab File: VL039764.D
 Acq: 24 Oct 2022 17:48

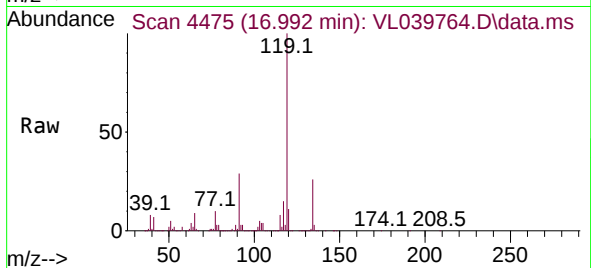
Tgt Ion: 95 Resp: 1783575
 Ion Ratio Lower Upper
 95 100
 174 70.9 56.5 84.7
 175 5.6 4.2 6.4





#69
p-Isopropyltoluene
Concen: 15.384 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

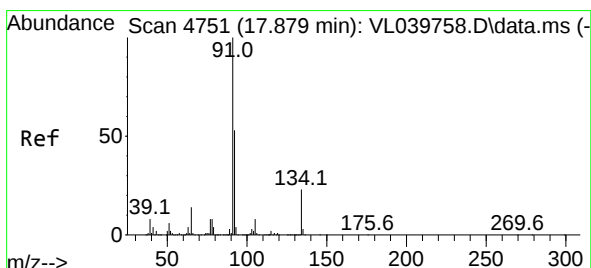
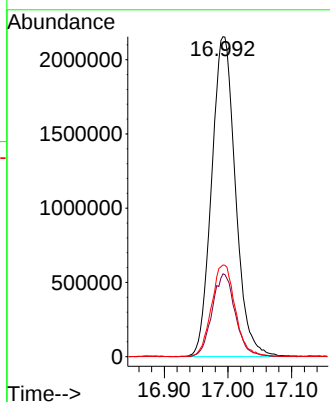
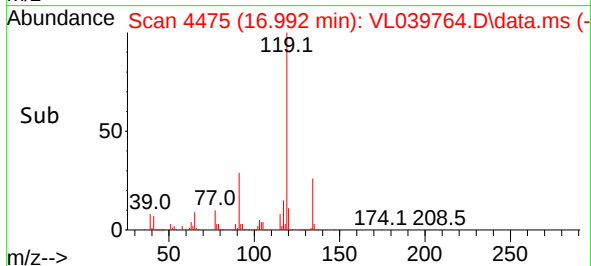
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



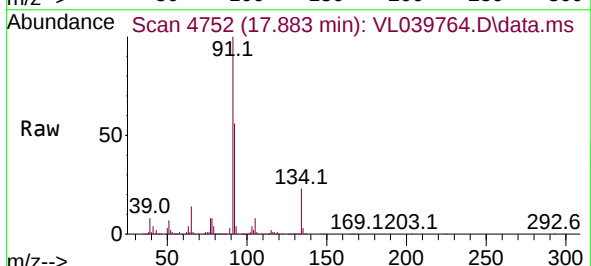
Tgt Ion:119 Resp: 5593008
Ion Ratio Lower Upper
119 100
134 25.2 19.8 29.8
91 28.6 22.7 34.1

Manual Integrations
APPROVED

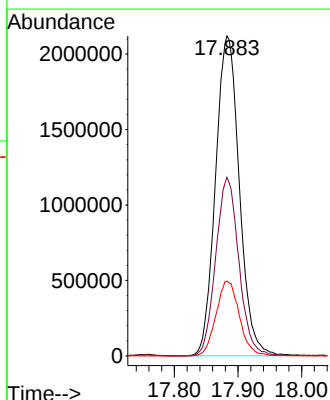
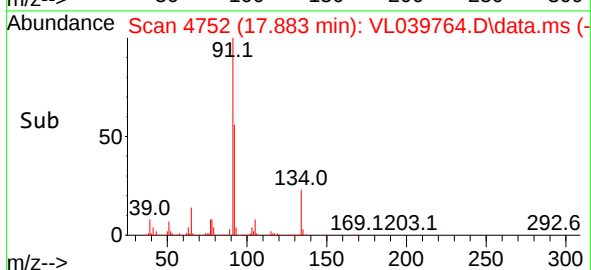
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

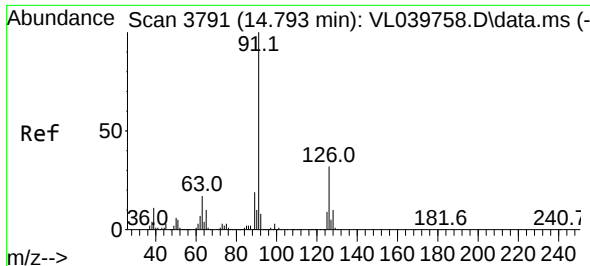


#70
n-Butylbenzene
Concen: 15.759 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



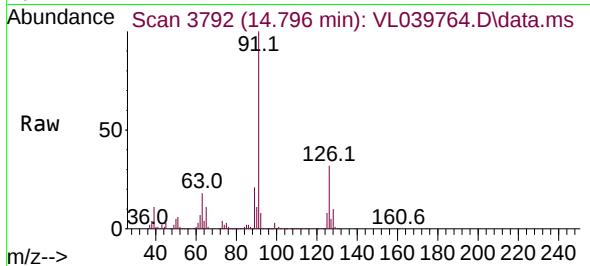
Tgt Ion: 91 Resp: 5513513
Ion Ratio Lower Upper
91 100
92 54.2 43.3 64.9
134 23.1 18.4 27.6





#71
2-Chlorotoluene
Concen: 15.315 ppbv
RT: 14.796 min Scan# 3791
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

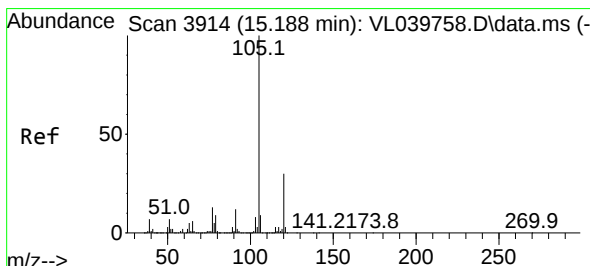
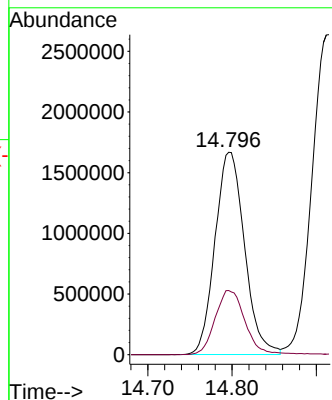
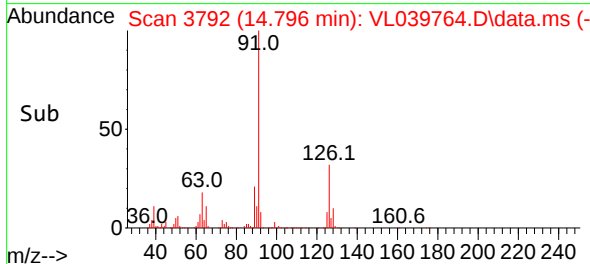
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



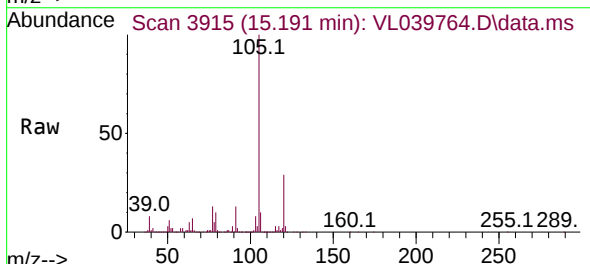
Tgt Ion: 91 Resp: 4056349
Ion Ratio Lower Upper
91 100
126 32.7 12.7 50.7

Manual Integrations
APPROVED

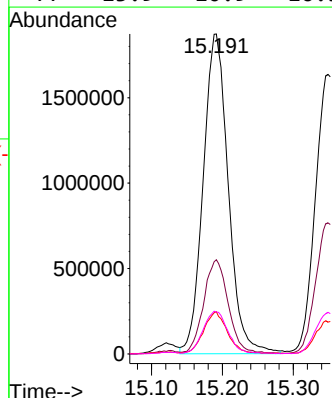
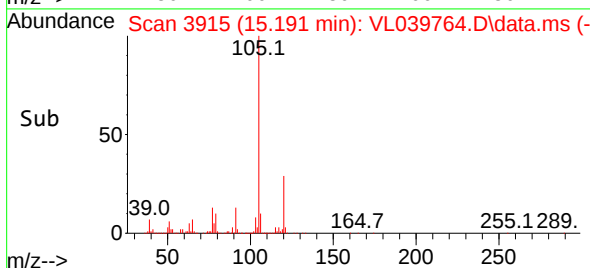
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

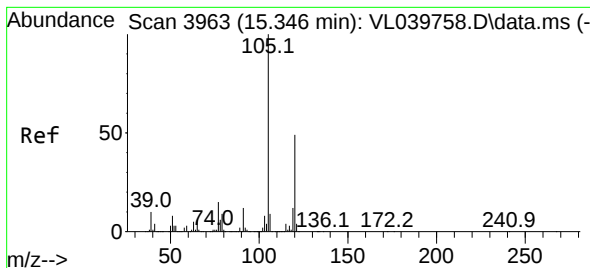


#72
4-Ethyltoluene
Concen: 16.519 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



Tgt Ion:105 Resp: 4606941
Ion Ratio Lower Upper
105 100
120 30.0 23.9 35.9
91 12.1 10.3 15.5
77 13.9 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 15.734 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. 0.010 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 4085149

Ion Ratio Lower Upper

105 100

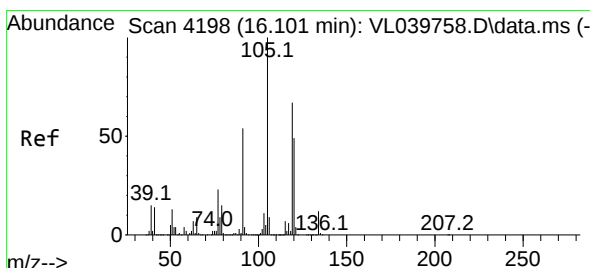
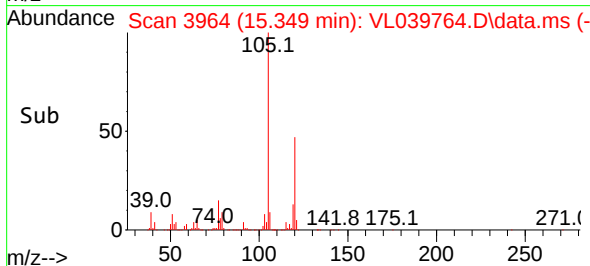
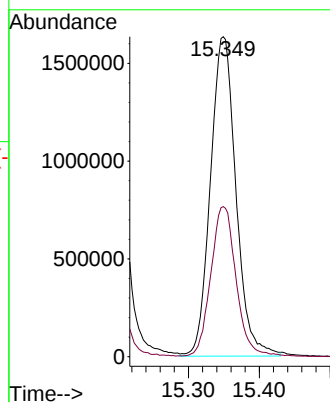
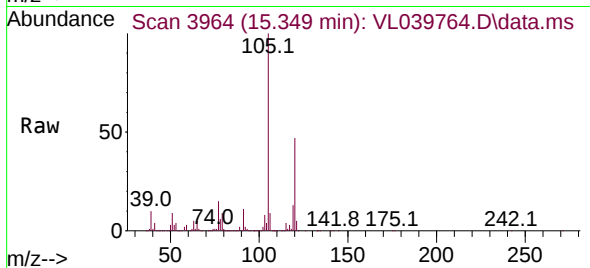
120 47.1 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

1,2,4-Trimethylbenzene

Concen: 14.915 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.007 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Tgt Ion:105 Resp: 4253776

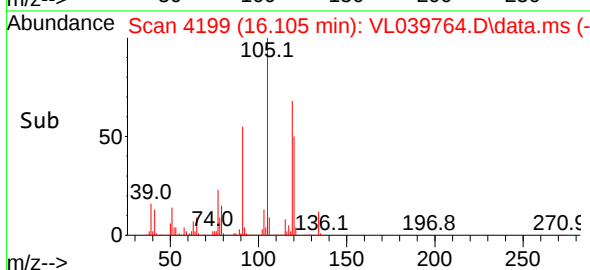
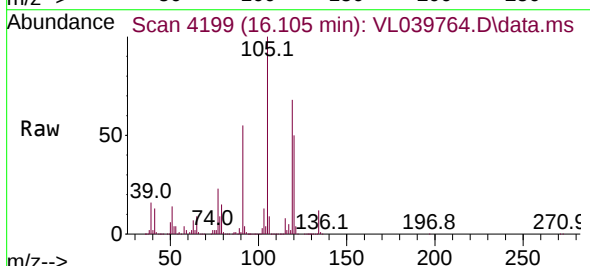
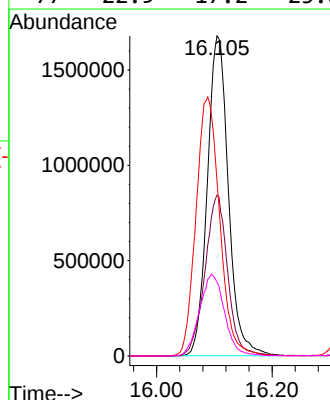
Ion Ratio Lower Upper

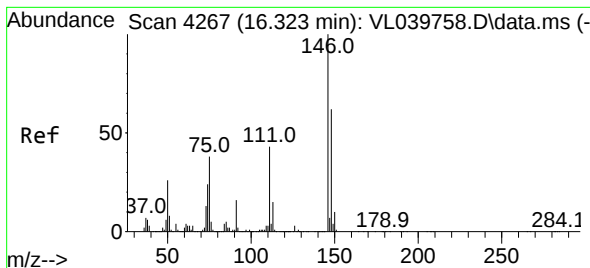
105 100

120 50.1 37.6 56.4

91 54.6 40.1 60.1

77 22.9 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 15.023 ppbv

RT: 16.326 min Scan# 4312

Delta R.T. 0.003 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:146 Resp: 2566010

Ion Ratio Lower Upper

146 100

111 44.9 22.8 68.3

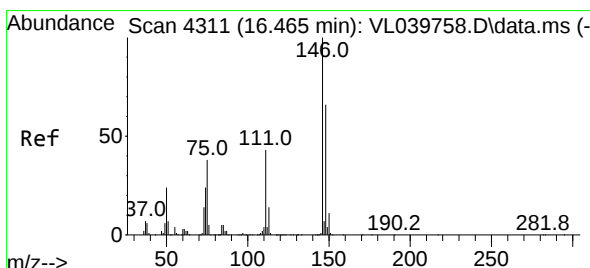
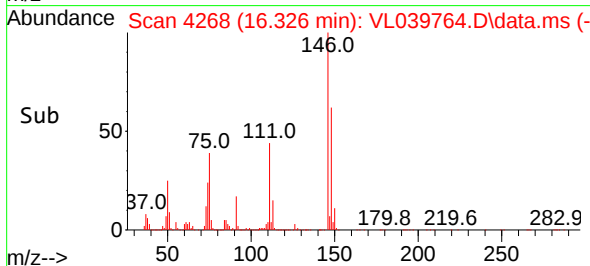
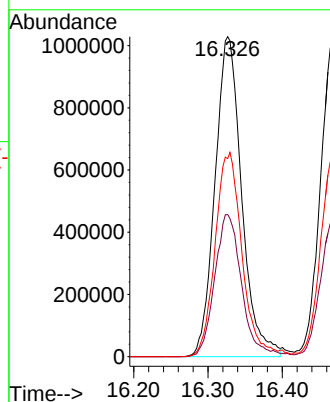
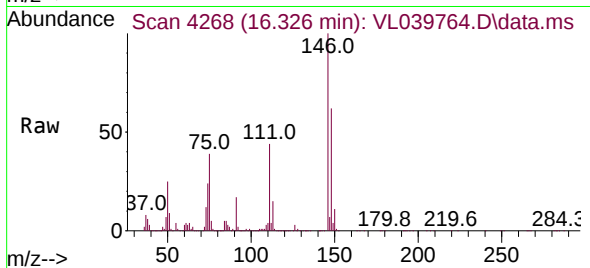
148 64.7 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#76

1,4-Dichlorobenzene

Concen: 14.674 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.007 min

Lab File: VL039764.D

Acq: 24 Oct 2022 17:48

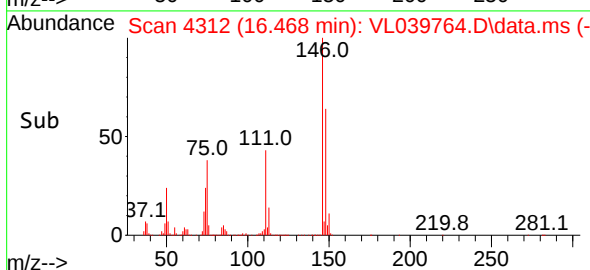
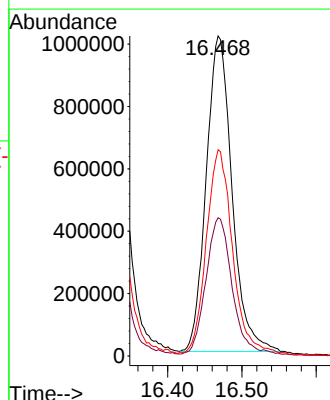
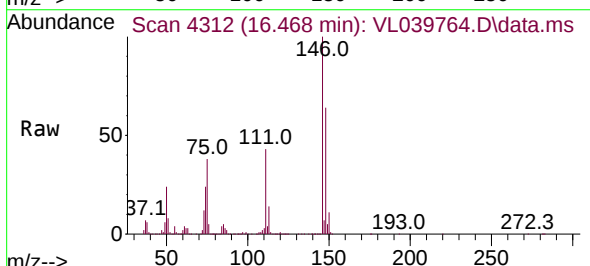
Tgt Ion:146 Resp: 2448463

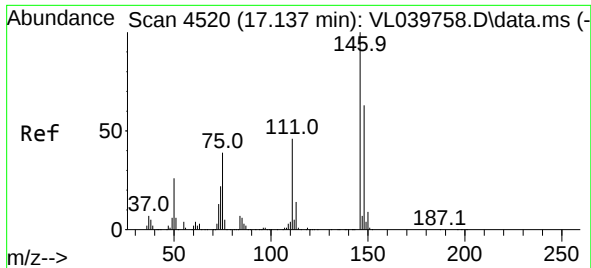
Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.5

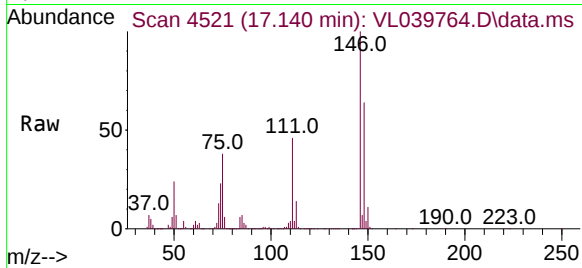
148 67.9 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 14.426 ppbv
RT: 17.140 min Scan# 4520
Delta R.T. 0.010 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

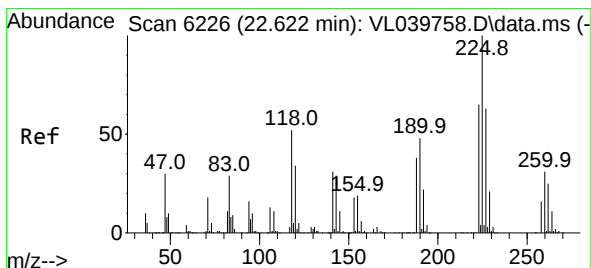
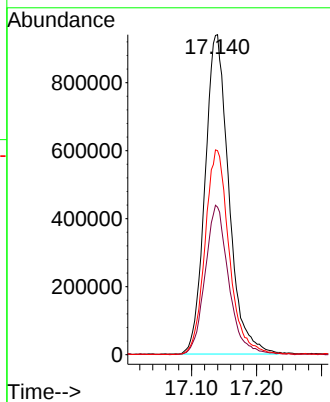
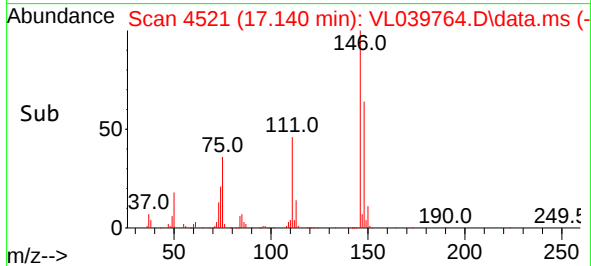
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



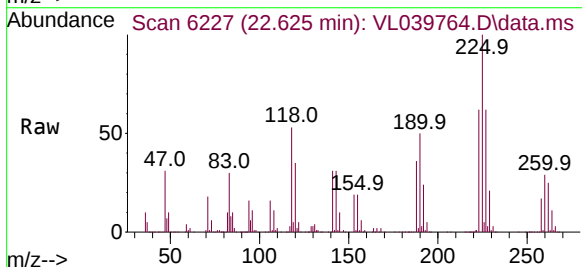
Tgt Ion:146 Resp: 239481
Ion Ratio Lower Upper
146 100
111 46.7 23.6 70.8
148 65.1 32.8 98.3

Manual Integrations
APPROVED

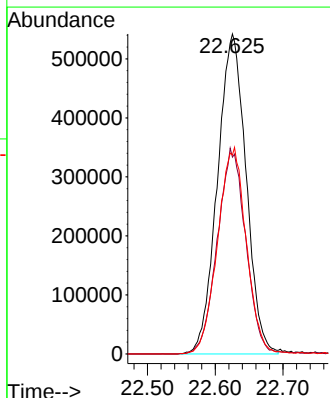
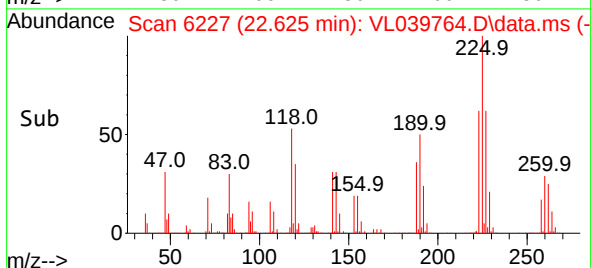
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

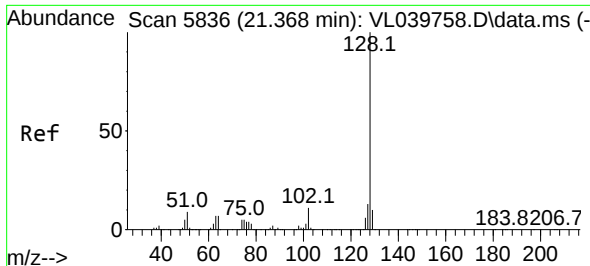


#78
Hexachloro-1,3-Butadiene
Concen: 13.270 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



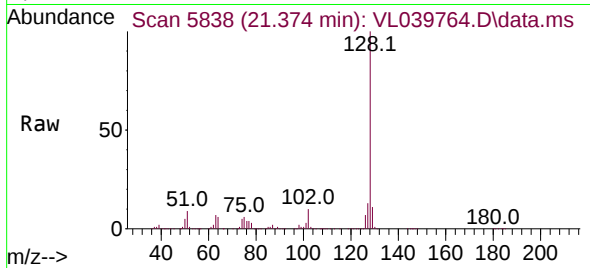
Tgt Ion:225 Resp: 1591728
Ion Ratio Lower Upper
225 100
223 64.3 52.4 78.6
227 64.8 52.7 79.1





#79
Naphthalene
Concen: 18.990 ppbv
RT: 21.374 min Scan# 5836
Delta R.T. 0.007 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48

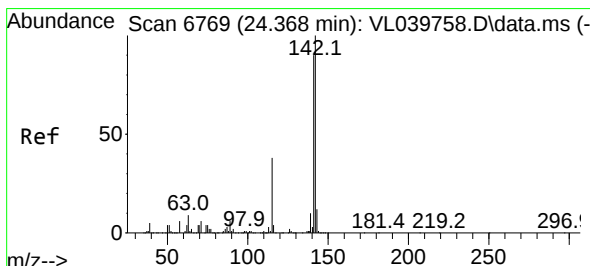
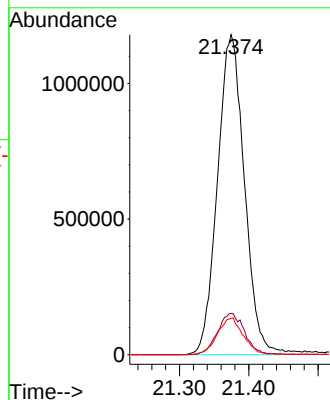
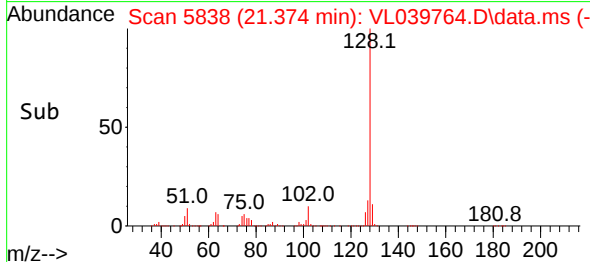
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



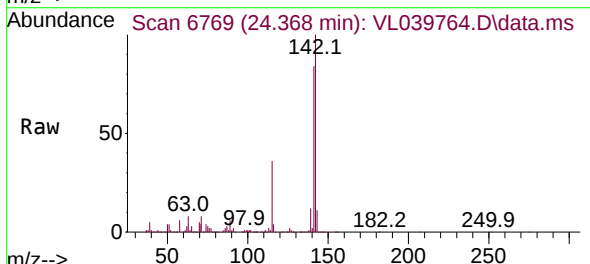
Tgt Ion:128 Resp: 3170711
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.4 9.4 14.0

Manual Integrations
APPROVED

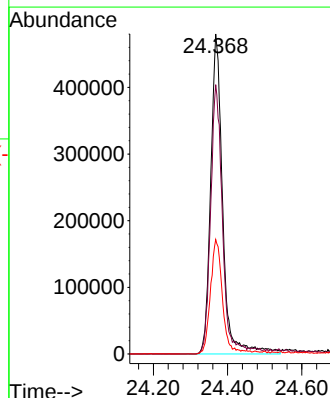
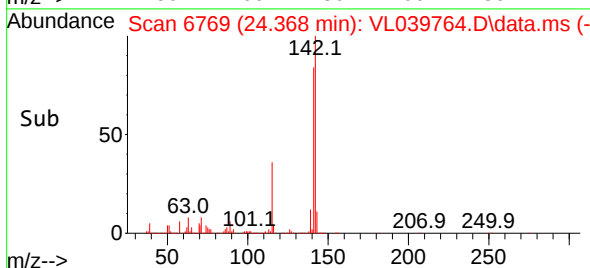
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

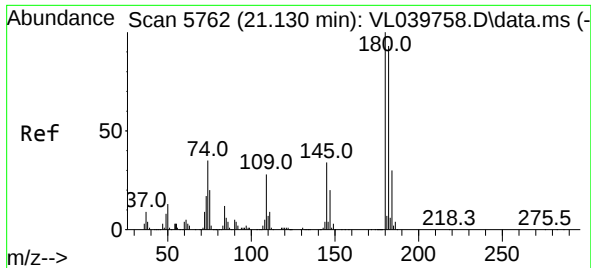


#80
Naphthalene,2-methyl-
Concen: 21.616 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039764.D
Acq: 24 Oct 2022 17:48



Tgt Ion:142 Resp: 1077861
Ion Ratio Lower Upper
142 100
141 84.0 70.0 105.0
115 36.1 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 16.138 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL039764.D

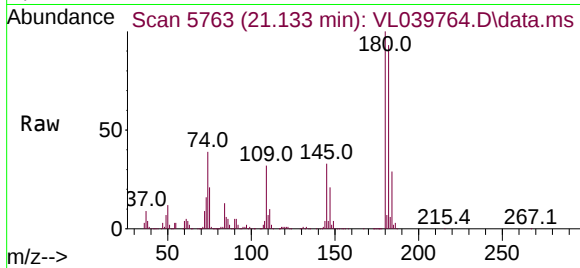
Acq: 24 Oct 2022 17:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015



Tgt Ion:180 Resp: 1805364

Ion Ratio Lower Upper

180 100

182 96.3 0.0 0.0

184 31.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022

