

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040354.D
 Acq On : 13 Apr 2023 10:04
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 13 10:39:21 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

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

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1089998	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2702241	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2718620	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2208999 9.703 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1669089	7.805	ppbv	98
3) Chlorodifluoromethane	2.661	51	1251818	9.133	ppbv	99
4) Chloromethane	2.800	50	803858	9.498	ppbv	99
5) Vinyl Chloride	2.909	62	668858	9.760	ppbv	100
6) Bromomethane	3.108	94	223954	9.424	ppbv	98
7) Chloroethane	3.185	64	257808	9.799	ppbv	95
8) Dichlorotetrafluoroethane	2.845	85	1740411	9.507	ppbv	98
9) Propene	2.681	41	499037	9.504	ppbv	96
10) Heptane	7.581	43	1279380	10.130	ppbv	99
11) Trichlorofluoromethane	3.552	101	1784958	9.212	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1267262	8.708	ppbv	98
13) Ethanol	3.230	45	36119m	9.379	ppbv	
14) Bromoethene	3.356	108	532681	9.813	ppbv	97
15) Acetone	3.455	43	1218771	9.184	ppbv	99
16) 1,3-Butadiene	2.973	39	596927	9.896	ppbv	99
17) tert-Butyl alcohol	3.867	59	1318339	10.453	ppbv	100
18) 1,1-Dichloroethene	3.870	96	573386	9.185	ppbv	98
19) Isopropyl Alcohol	3.565	45	648285	10.199	ppbv	100
20) Methylene Chloride	3.925	84	501774	8.988	ppbv	97
21) Allyl Chloride	3.986	41	817625	9.512	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	578825	9.110	ppbv	97
23) Vinyl Acetate	4.619	43	344730	9.338	ppbv #	94
24) 1,1-Dichloroethane	4.558	63	1210642	9.194	ppbv	99
25) Ethyl Acetate	5.201	43	2402434	9.670	ppbv	99
26) Hexane	5.208	57	1011928	9.923	ppbv	98
27) Carbon Disulfide	4.118	76	1461223	10.259	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1052189	8.986	ppbv	100
29) Chloroform	5.272	83	1772040	9.841	ppbv	97
30) Cyclohexane	6.600	84	858819	10.687	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	1056367	10.637	ppbv	98
32) 1,1,1-Trichloroethane	6.002	97	1790885	10.381	ppbv	99
34) 2-Butanone	4.780	43	1355393	10.163	ppbv	100
35) Carbon Tetrachloride	6.494	117	1849024	10.904	ppbv	100
36) Benzene	6.372	78	2130181	10.344	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1392790	10.391	ppbv	100
38) Trichloroethene	7.295	130	1325616	11.780	ppbv	97
39) 1,2-Dichloropropane	7.076	63	834175	10.325	ppbv	99
40) 1,4-Dioxane	7.291	88	312152	9.766	ppbv #	1
41) Tetrahydrofuran	5.555	42	780196	10.136	ppbv	98
42) Bromodichloromethane	7.253	83	1960776	10.705	ppbv	98
43) Methyl Methacrylate	7.475	69	867022	11.329	ppbv	98
44) 2,2,4-Trimethylpentane	7.330	57	3546635	10.329	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	836009	12.531	ppbv	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

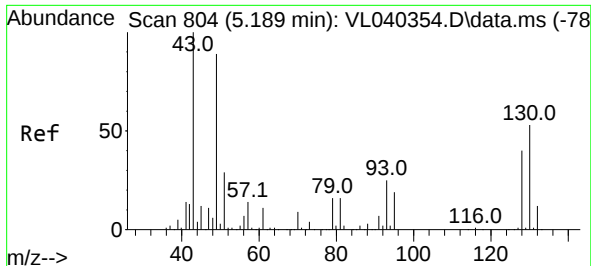
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

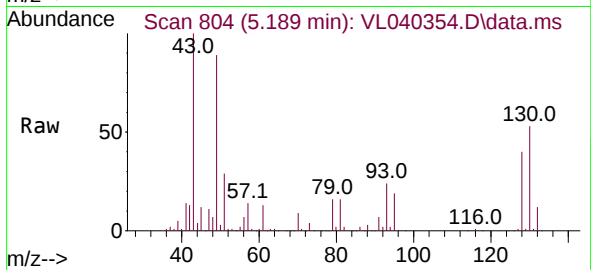
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1143204	12.067	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	920771	10.681	ppbv	95
48) Dibromochloromethane	9.716	129	1590187	11.209	ppbv	100
49) Bromoform	12.417	173	1278538	12.000	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	2220839	10.761	ppbv	99
51) 2-Hexanone	9.558	43	1723241	10.778	ppbv #	99
52) Tetrachloroethene	10.622	164	725349	11.642	ppbv	98
53) Toluene	9.227	91	2458472	11.392	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1018313	11.476	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.516	131	1148850	10.045	ppbv	95
57) Chlorobenzene	11.536	112	1937665	10.020	ppbv	100
58) Ethyl Benzene	12.098	91	3415573	11.034	ppbv	100
59) m/p-Xylene	12.381	91	5972862m	21.062	ppbv	
60) o-Xylene	13.066	91	2883505	10.637	ppbv	99
61) Styrene	12.905	104	1645032	11.958	ppbv	99
62) Isopropylbenzene	14.040	105	4054599	10.503	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	904100	9.478	ppbv	100
64) n-propylbenzene	14.928	120	1024022	10.840	ppbv	99
65) tert-Butylbenzene	16.101	119	3538630	10.637	ppbv	99
66) Benzyl Chloride	16.339	91	240348	11.117	ppbv	99
67) sec-Butylbenzene	16.648	105	5092973	10.705	ppbv	99
69) p-Isopropyltoluene	17.008	119	4043897	10.914	ppbv	99
70) n-Butylbenzene	17.899	91	4451327	10.905	ppbv	100
71) 2-Chlorotoluene	14.812	91	3164041	10.769	ppbv	100
72) 4-Ethyltoluene	15.204	105	3299644	11.133	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2952437	10.997	ppbv	96
74) 1,2,4-Trimethylbenzene	16.117	105	3246882	10.605	ppbv	93
75) 1,3-Dichlorobenzene	16.342	146	1769024	10.668	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1751631	11.075	ppbv	100
77) 1,2-Dichlorobenzene	17.156	146	1693787	10.627	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1275349	10.911	ppbv	99
79) Naphthalene	21.394	128	2723231	15.036	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	846317	18.450	ppbv	98
81) 1,2,4-Trichlorobenzene	21.156	180	1395318	12.508	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

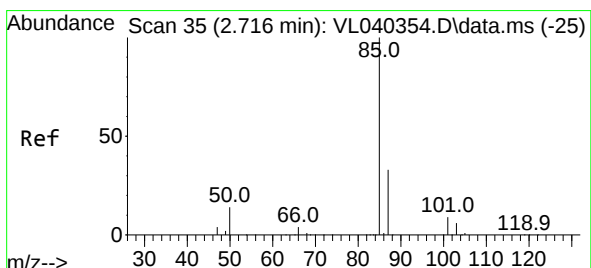
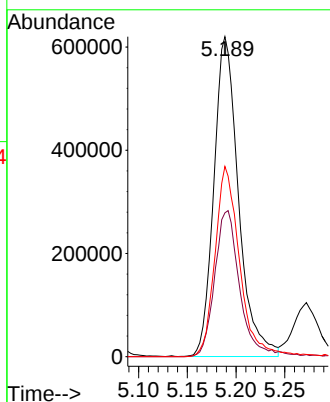
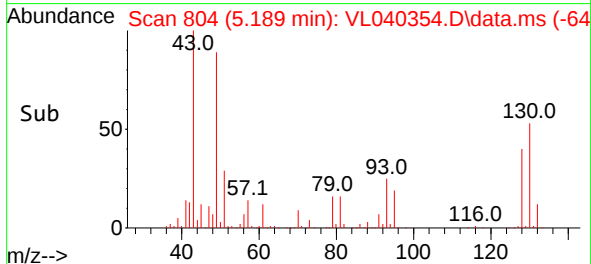
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



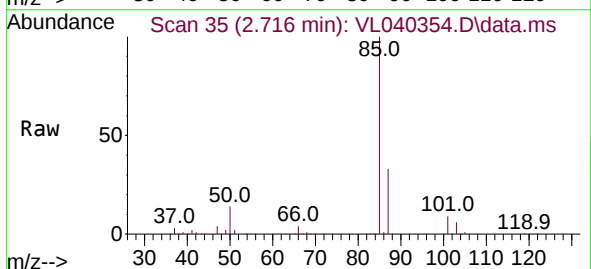
Tgt Ion: 49 Resp: 1089998
Ion Ratio Lower Upper
49 100
128 47.4 22.4 67.3
130 59.9 28.7 86.1

Manual Integrations
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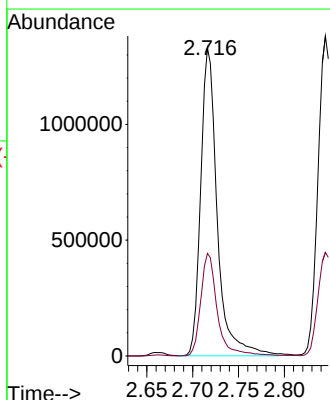
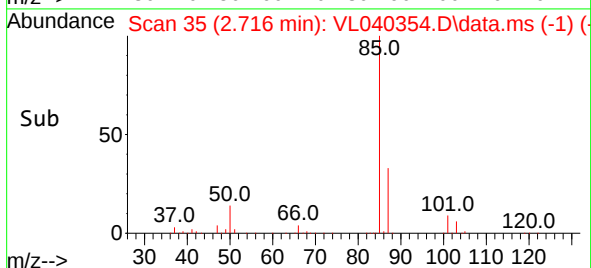
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

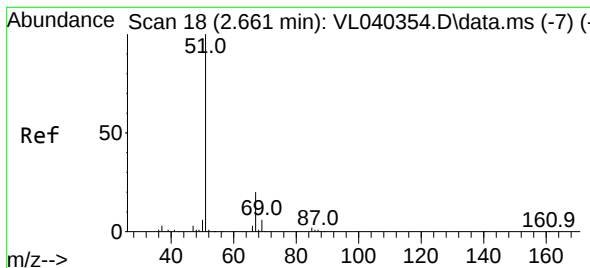


#2
Dichlorodifluoromethane
Concen: 7.805 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



Tgt Ion: 85 Resp: 1669089
Ion Ratio Lower Upper
85 100
87 33.3 25.5 38.3





#3

Chlorodifluoromethane

Concen: 9.133 ppbv

RT: 2.661 min Scan# 18

Delta R.T. -0.004 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 51 Resp: 1251818

Ion Ratio Lower Upper

51 100

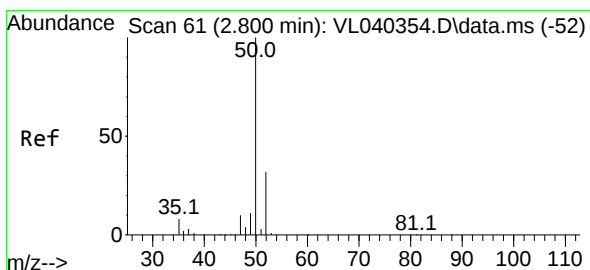
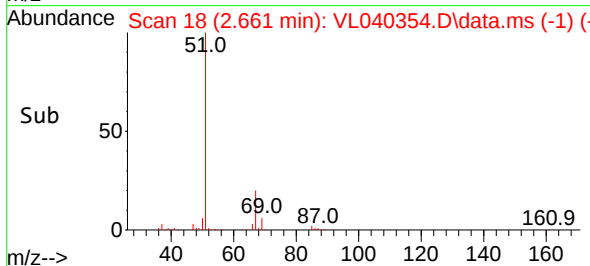
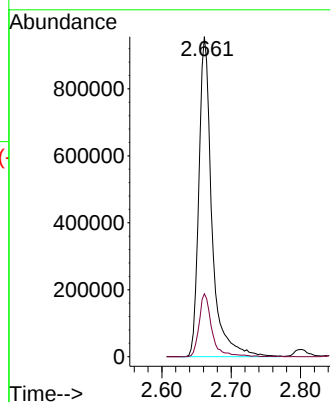
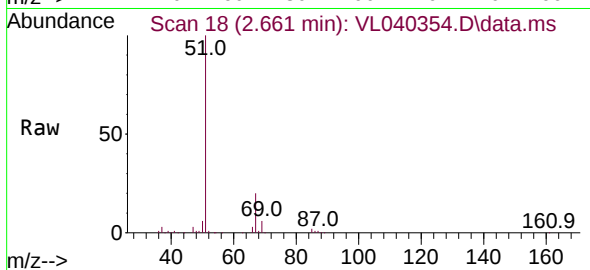
67 19.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#4

Chloromethane

Concen: 9.498 ppbv

RT: 2.800 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL040354.D

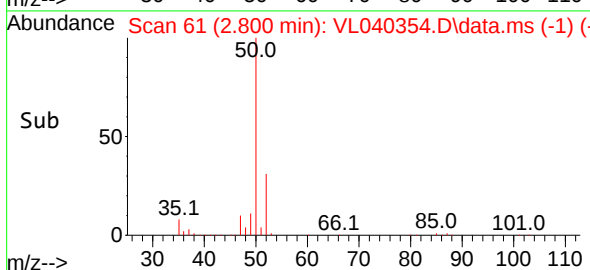
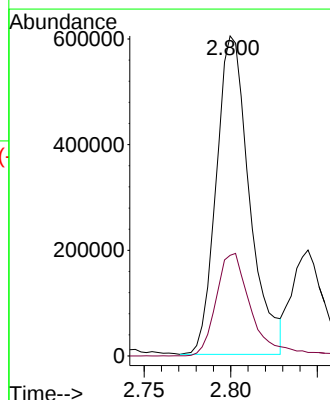
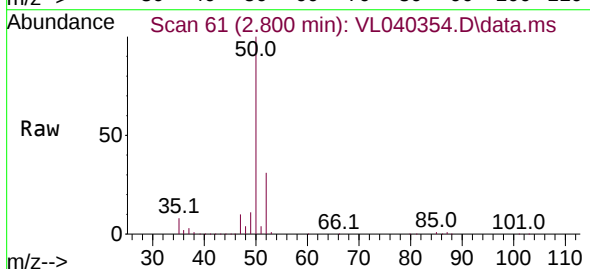
Acq: 13 Apr 2023 10:04

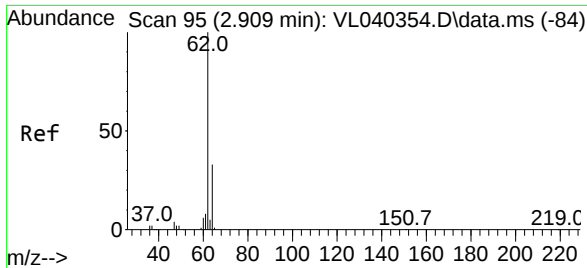
Tgt Ion: 50 Resp: 803858

Ion Ratio Lower Upper

50 100

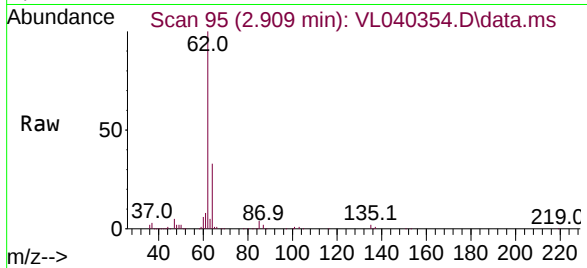
52 31.6 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.760 ppbv
 RT: 2.909 min Scan# 95
 Delta R.T. -0.003 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

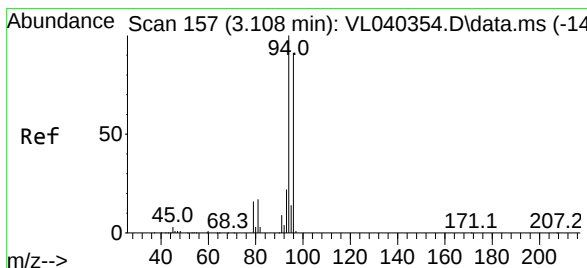
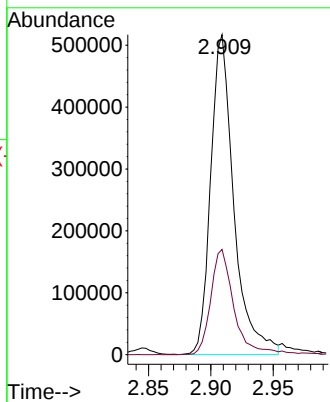
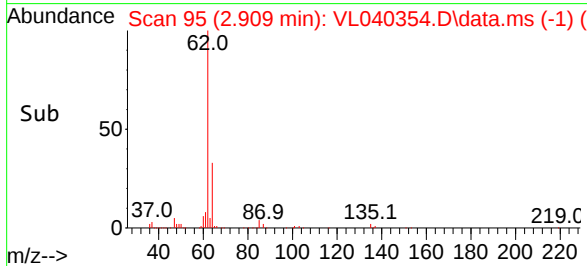
Instrument : MSVOA_L
 ClientSampleId : VSTDICCC010



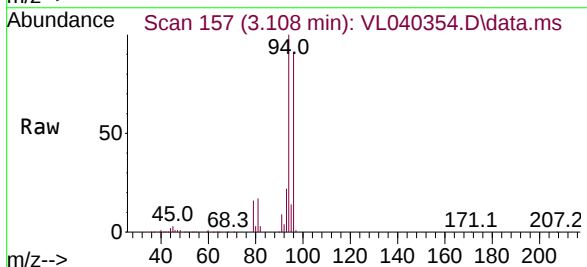
Tgt Ion: 62 Resp: 668858
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.4 39.6

Manual Integrations
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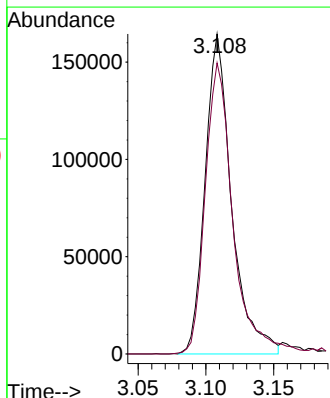
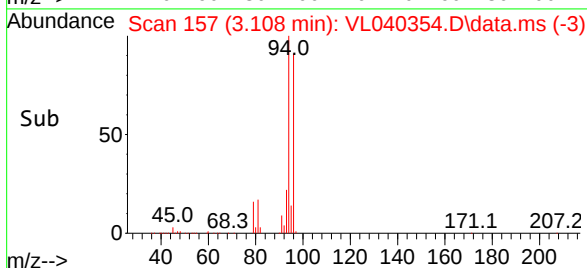
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

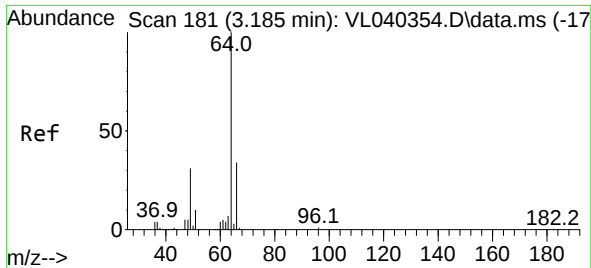


#6
 Bromomethane
 Concen: 9.424 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04



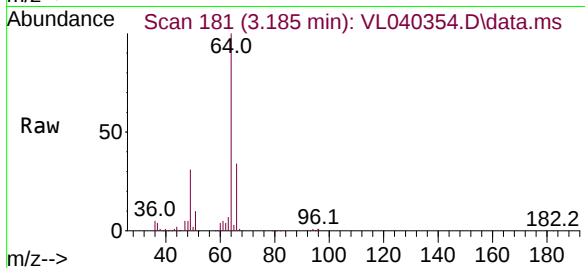
Tgt Ion: 94 Resp: 223954
 Ion Ratio Lower Upper
 94 100
 96 90.7 73.7 110.5





#7
Chloroethane
Concen: 9.799 ppbv
RT: 3.185 min Scan# 181
Delta R.T. -0.004 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

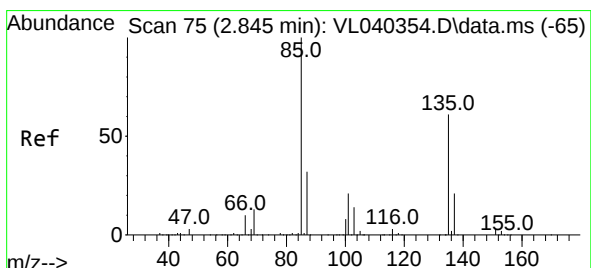
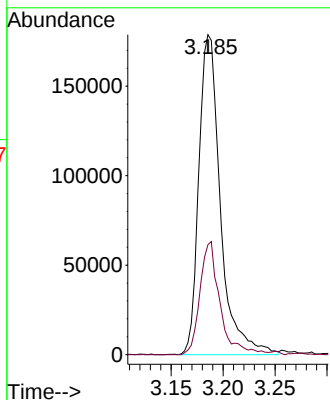
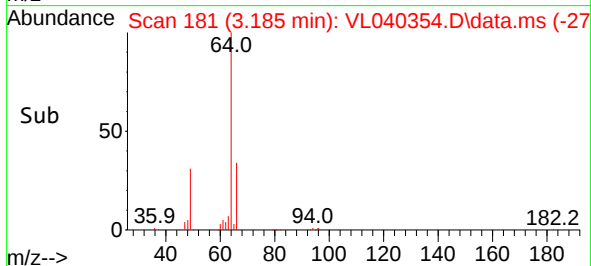
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 64 Resp: 257808
Ion Ratio Lower Upper
64 100
66 34.4 25.5 38.3

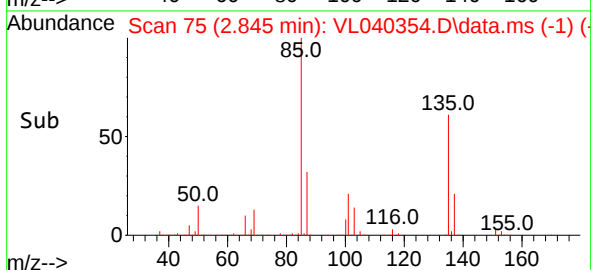
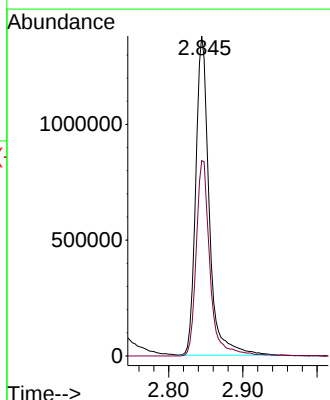
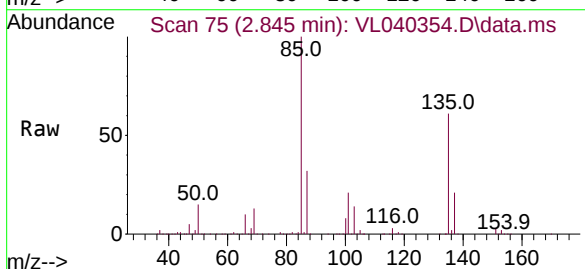
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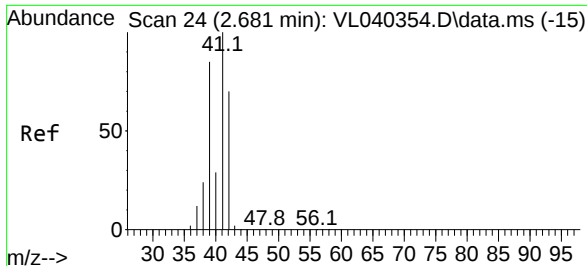
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#8
Dichlorotetrafluoroethane
Concen: 9.507 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

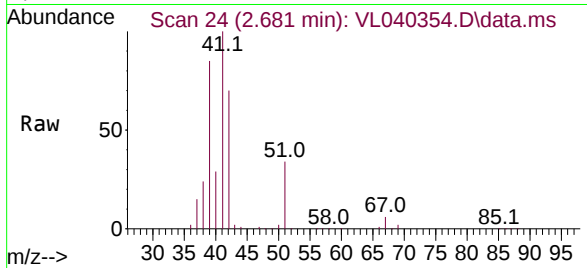
Tgt Ion: 85 Resp: 1740411
Ion Ratio Lower Upper
85 100
135 63.4 52.0 78.0





#9
 Propene
 Concen: 9.504 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

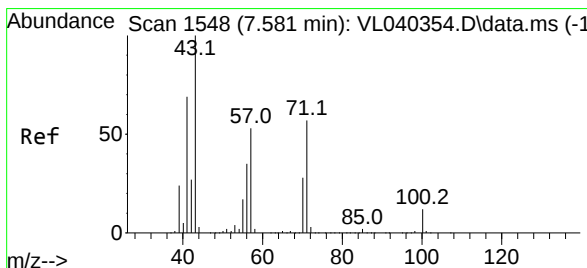
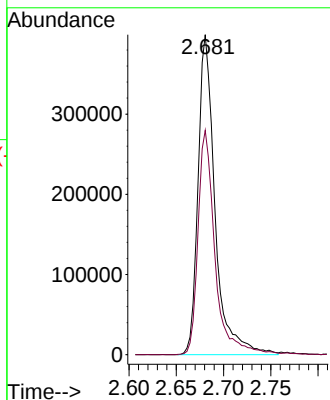
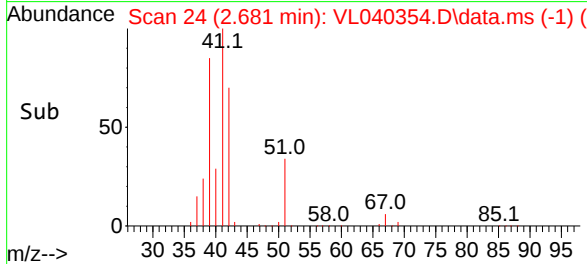
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 49903
 Ion Ratio Lower Upper
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 42 70.6 59.0 88.4

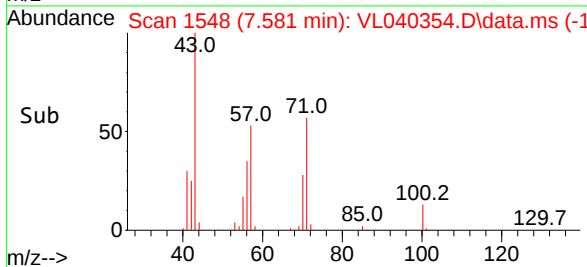
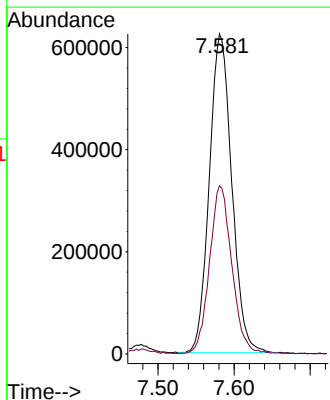
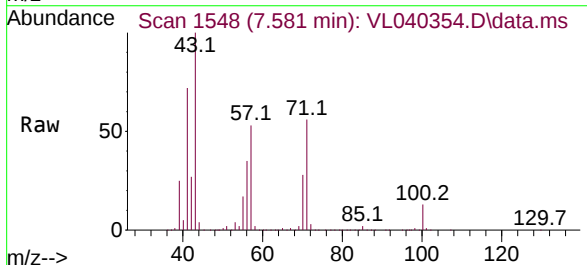
Manual Integrations
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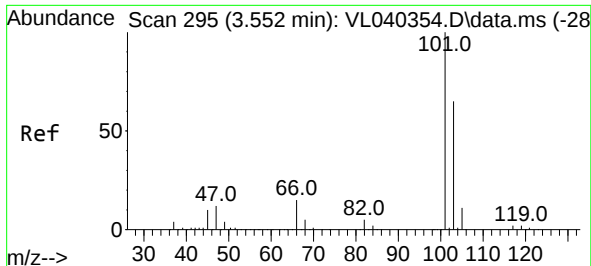
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#10
 Heptane
 Concen: 10.130 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

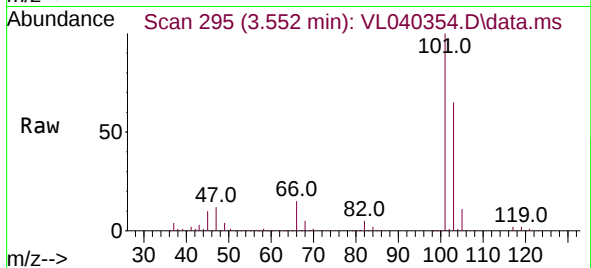
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 Ion Ratio Lower Upper
 43 100
 57 52.8 41.7 62.5





#11
 Trichlorofluoromethane
 Concen: 9.212 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

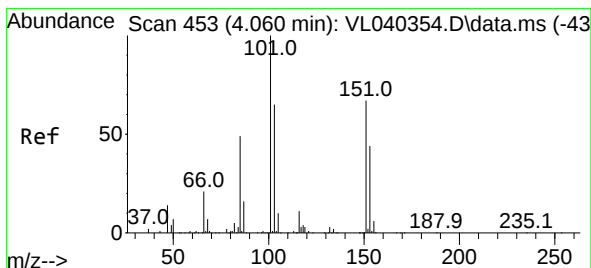
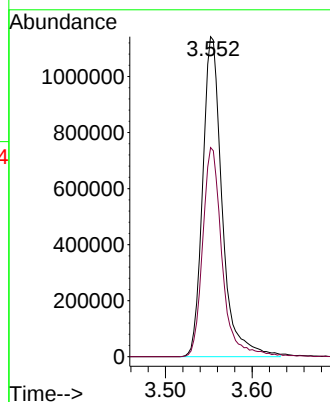
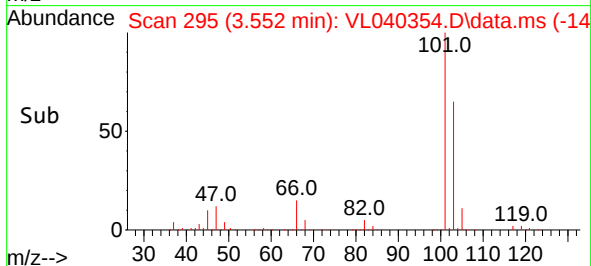
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:101 Resp: 1784958
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.1 79.7

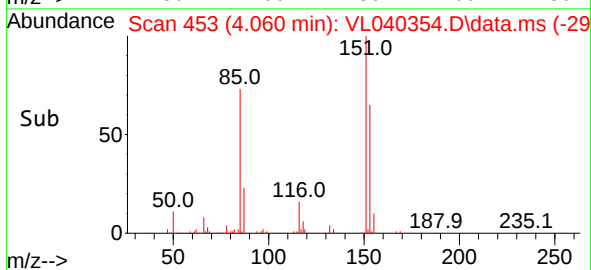
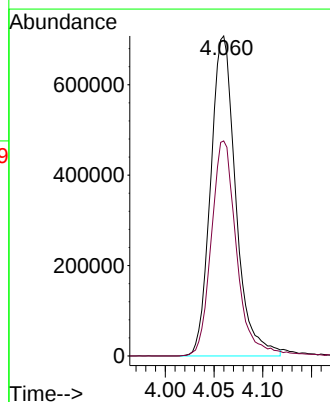
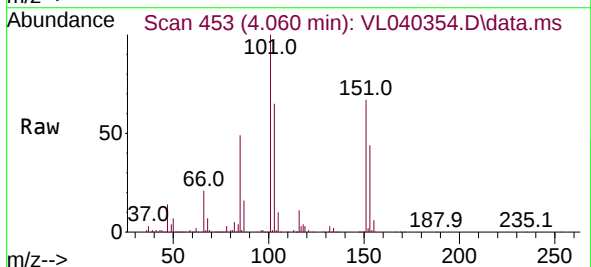
Manual Integrations
 APPROVED

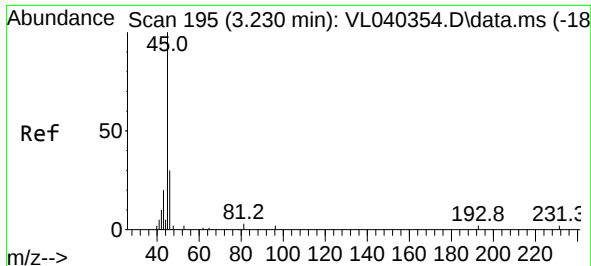
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.708 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

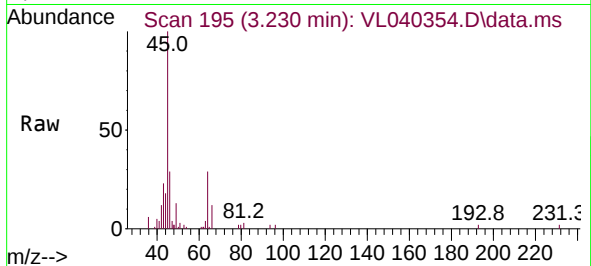
Tgt Ion:101 Resp: 1267262
 Ion Ratio Lower Upper
 101 100
 151 68.4 53.2 79.8





#13
Ethanol
Concen: 9.379 ppbv m
RT: 3.230 min Scan# 195
Delta R.T. -0.007 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

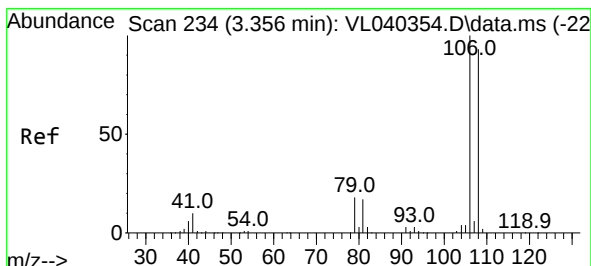
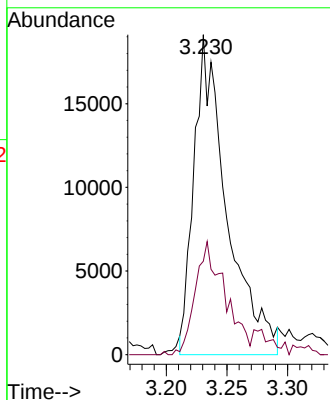
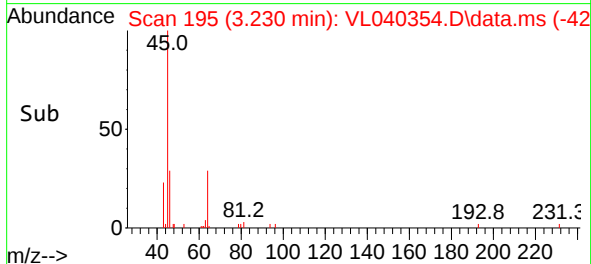
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



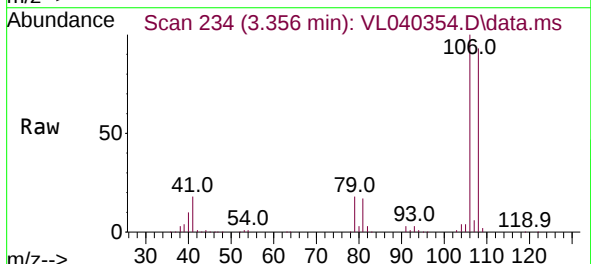
Tgt Ion: 45 Resp: 36119
Ion Ratio Lower Upper
45 100
46 38.3 15.0 60.2

Manual Integrations
APPROVED

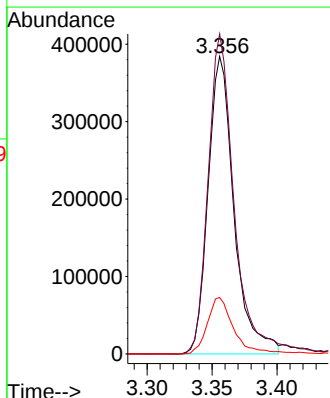
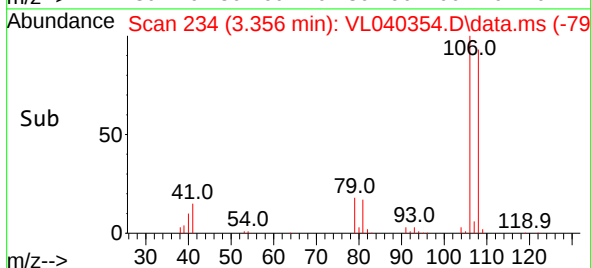
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

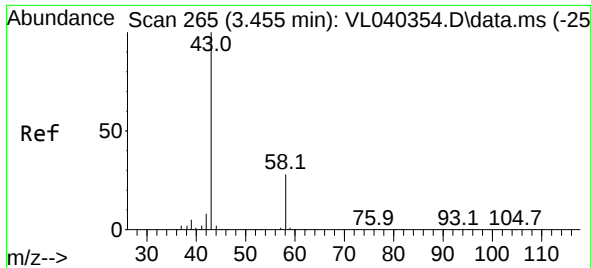


#14
Bromoethene
Concen: 9.813 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



Tgt Ion:108 Resp: 532681
Ion Ratio Lower Upper
108 100
106 110.4 85.8 128.8
79 20.1 15.8 23.6





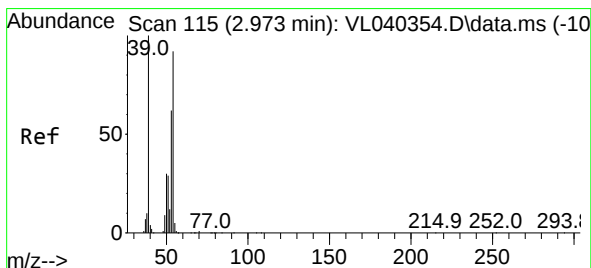
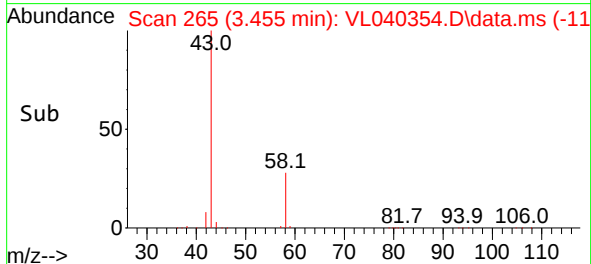
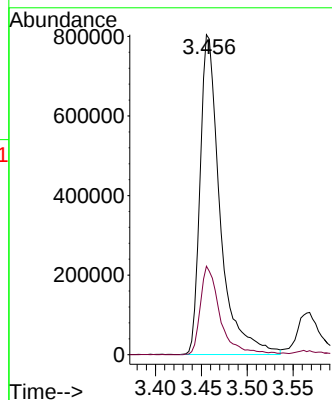
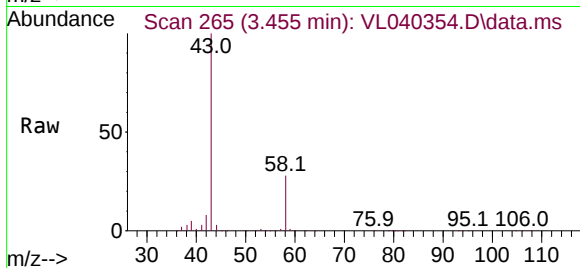
#15
Acetone
Concen: 9.184 ppbv
RT: 3.455 min Scan# 265
Delta R.T. -0.004 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 121877
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.8

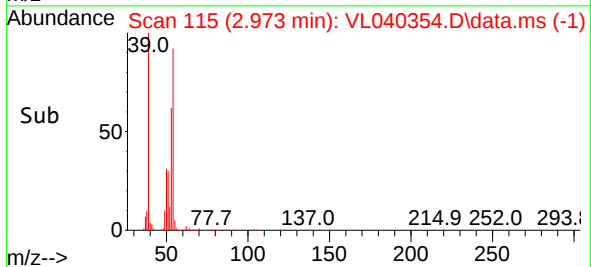
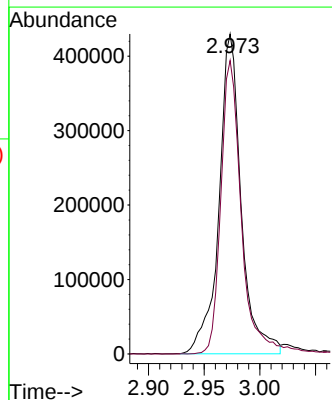
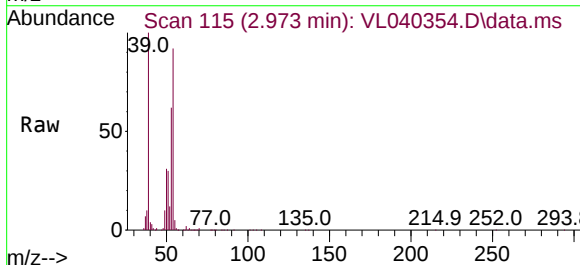
Manual Integrations
APPROVED

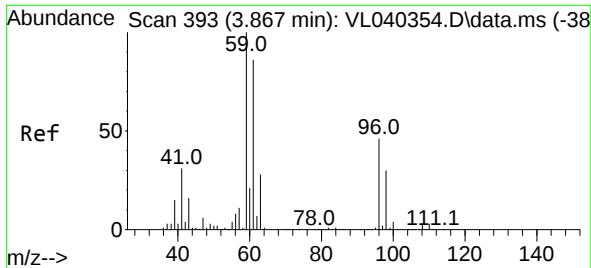
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#16
1,3-Butadiene
Concen: 9.896 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

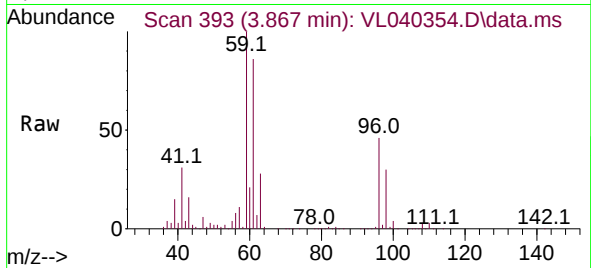
Tgt Ion: 39 Resp: 596927
Ion Ratio Lower Upper
39 100
54 86.0 68.4 102.6





#17
tert-Butyl alcohol
Concen: 10.453 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

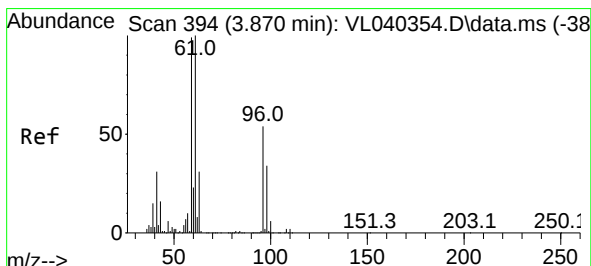
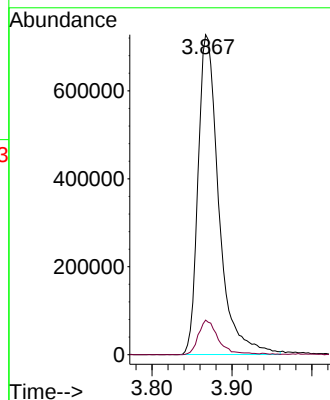
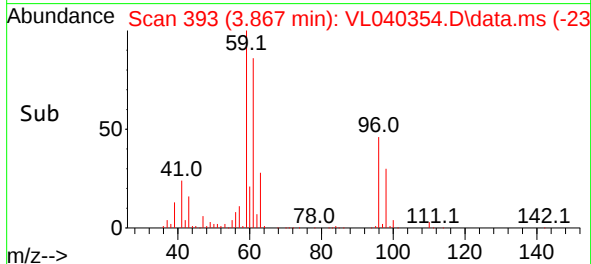
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



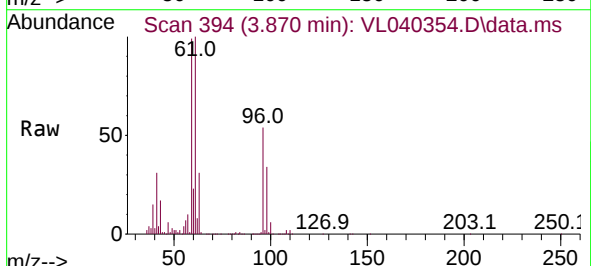
Tgt Ion: 59 Resp: 1318339
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

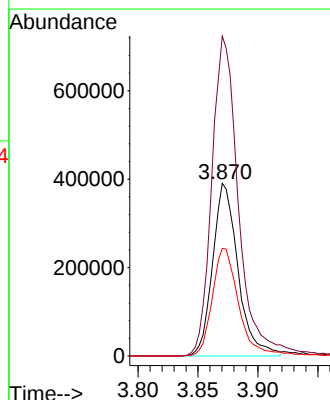
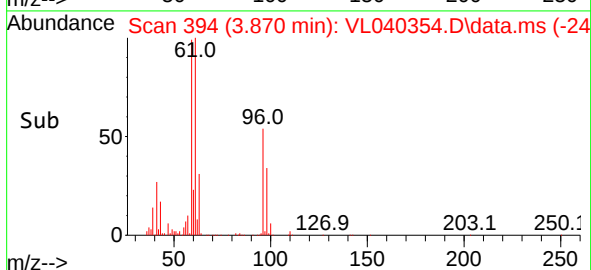
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

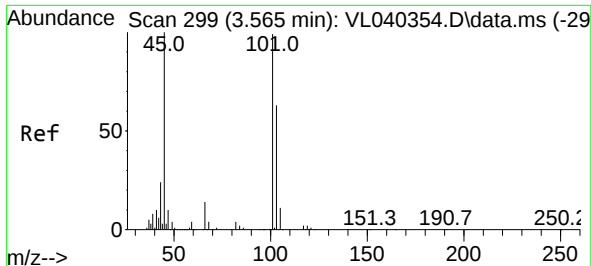


#18
1,1-Dichloroethene
Concen: 9.185 ppbv
RT: 3.870 min Scan# 394
Delta R.T. -0.007 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



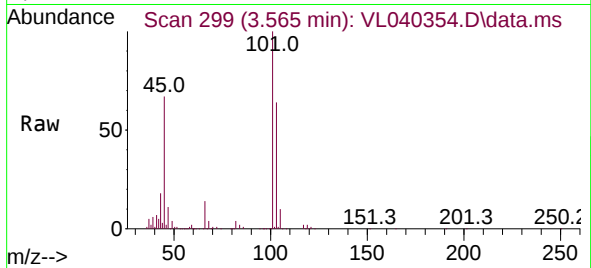
Tgt Ion: 96 Resp: 573386
Ion Ratio Lower Upper
96 100
61 185.4 150.6 226.0
98 62.3 50.3 75.5





#19
Isopropyl Alcohol
Concen: 10.199 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

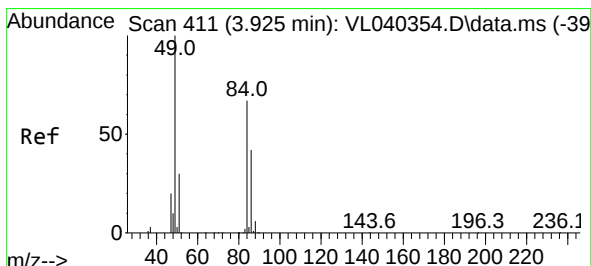
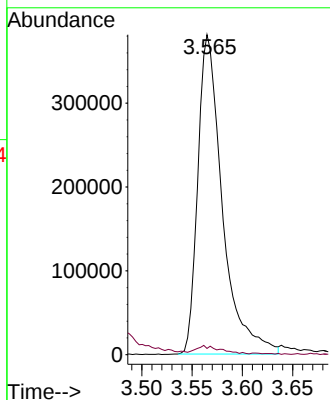
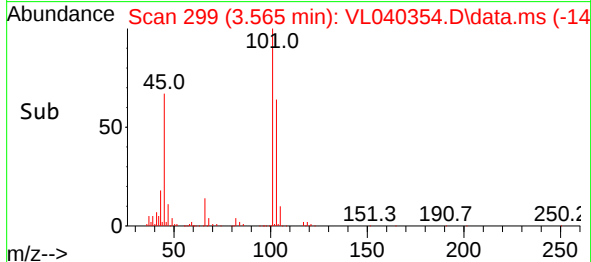
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



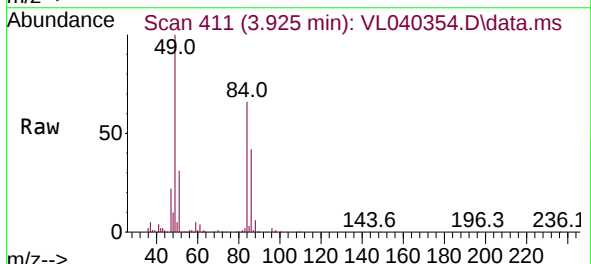
Tgt Ion: 45 Resp: 64828
Ion Ratio Lower Upper
45 100
58 3.3 2.7 4.1

Manual Integrations
APPROVED

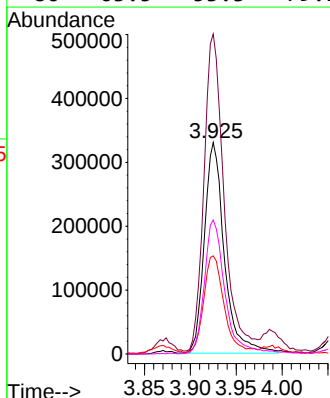
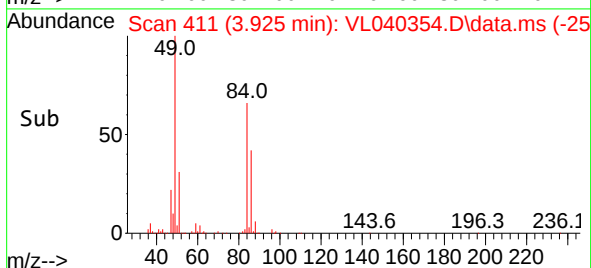
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

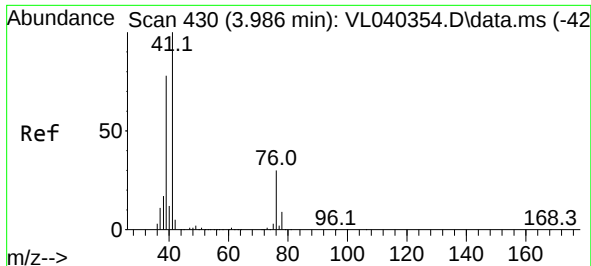


#20
Methylene Chloride
Concen: 8.988 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



Tgt Ion: 84 Resp: 501774
Ion Ratio Lower Upper
84 100
49 150.1 117.5 176.3
51 45.4 36.9 55.3
86 63.5 53.3 79.9





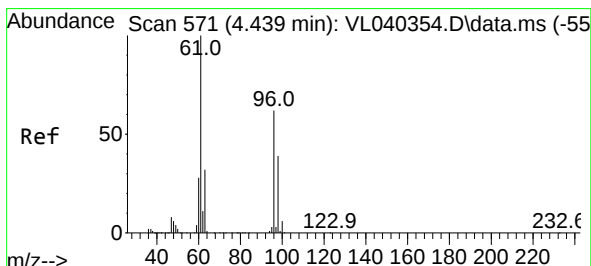
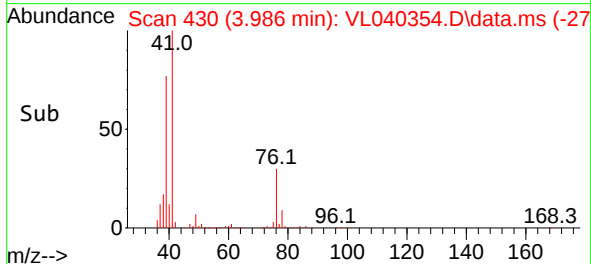
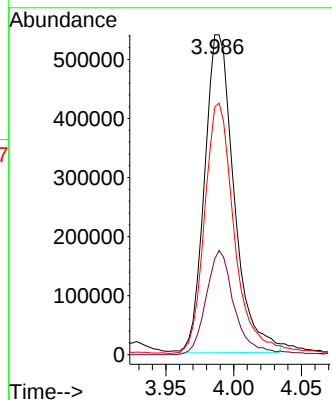
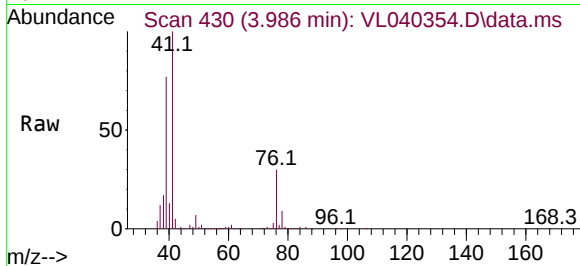
#21
 Allyl Chloride
 Concen: 9.512 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 817625
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.4 38.0
 39 80.0 65.4 98.2

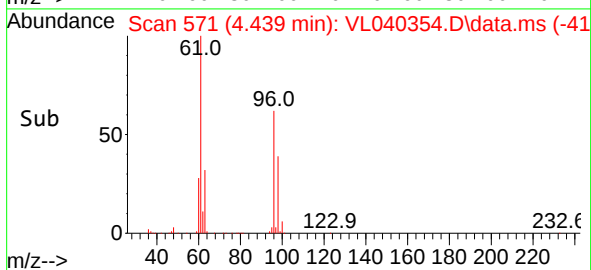
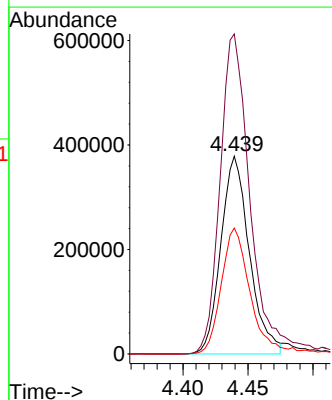
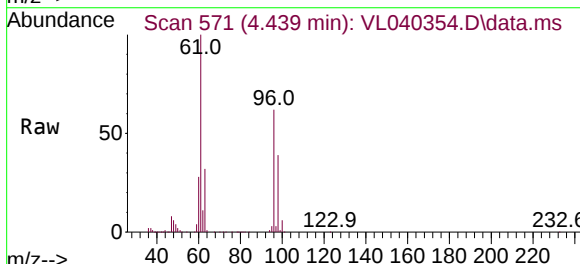
Manual Integrations
 APPROVED

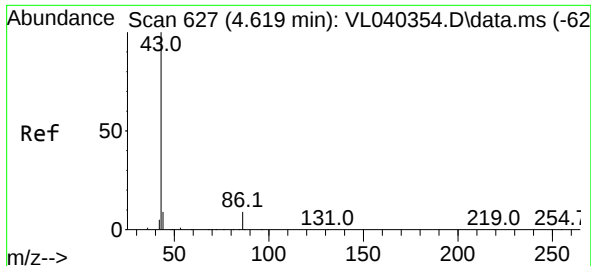
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.110 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

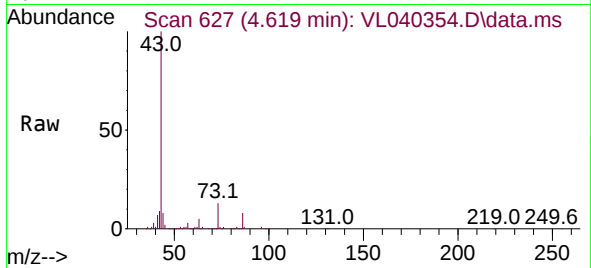
Tgt Ion: 96 Resp: 578825
 Ion Ratio Lower Upper
 96 100
 61 161.8 125.4 188.2
 98 63.7 49.8 74.6





#23
 Vinyl Acetate
 Concen: 9.338 ppbv
 RT: 4.619 min Scan# 619
 Delta R.T. -0.004 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

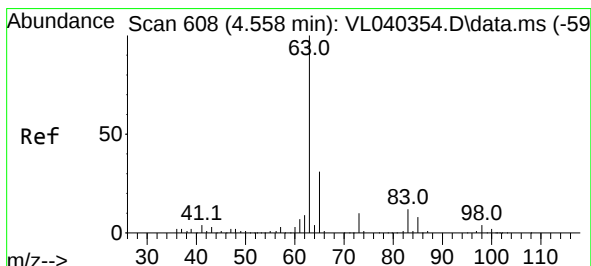
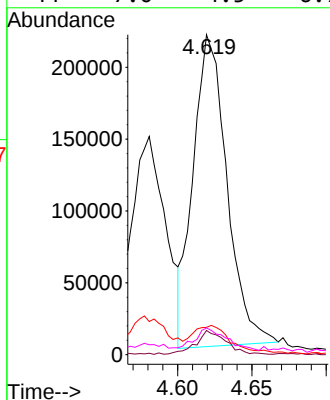
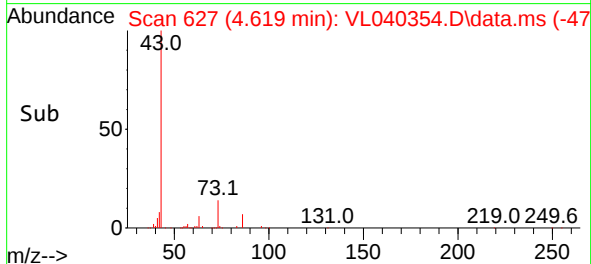
Instrument : MSVOA_L
 ClientSampleId : VSTDICCC010



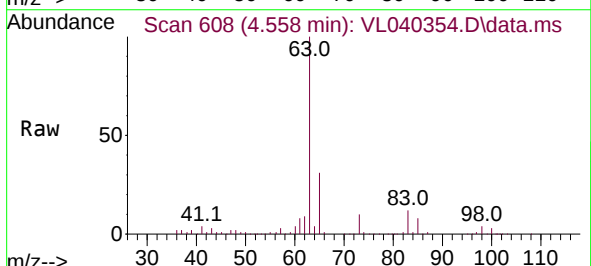
Tgt Ion: 43 Resp: 344730
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.0 7.4
 42 8.0 9.1 13.7
 44 7.0 4.5 6.7

Manual Integrations
 APPROVED

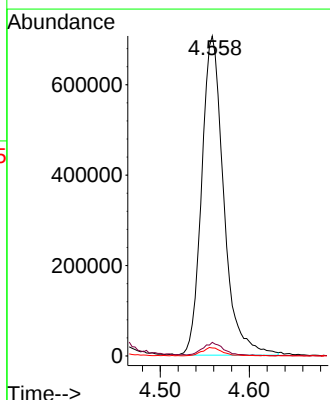
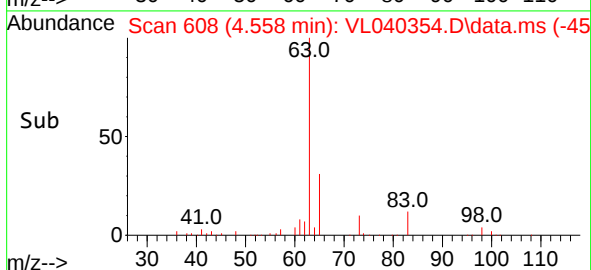
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

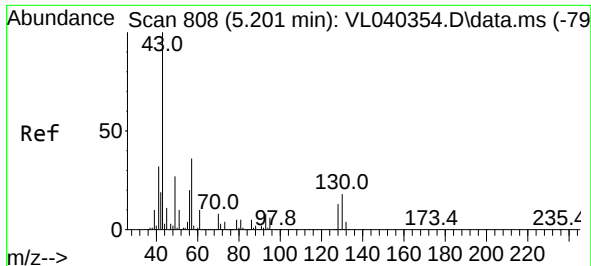


#24
 1,1-Dichloroethane
 Concen: 9.194 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04



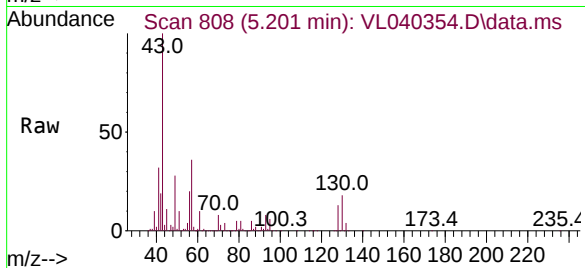
Tgt Ion: 63 Resp: 1210642
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.4 7.2
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 9.670 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

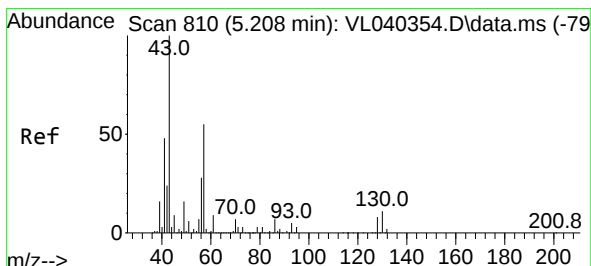
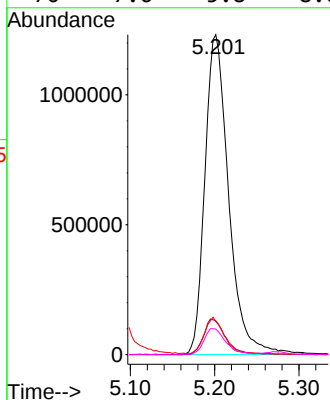
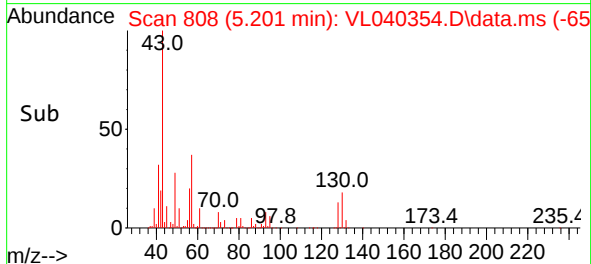
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



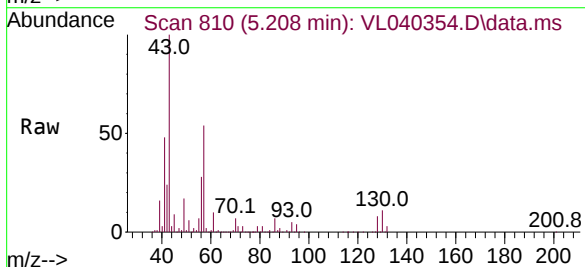
Tgt Ion: 43 Resp: 2402434
Ion Ratio Lower Upper
43 100
45 10.6 8.6 12.8
61 10.6 8.4 12.6
70 7.6 5.8 8.6

Manual Integrations
APPROVED

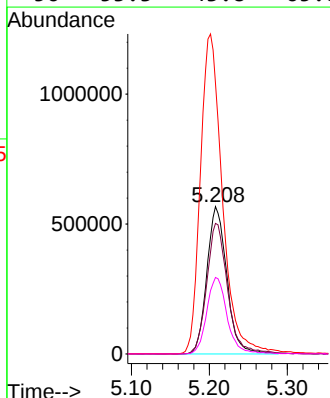
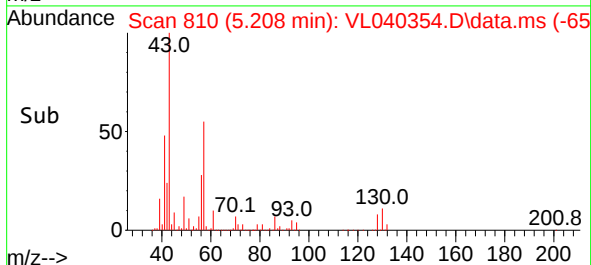
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

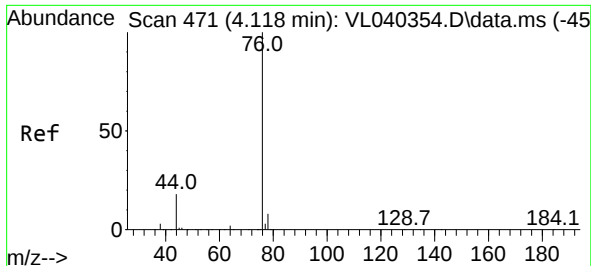


#26
Hexane
Concen: 9.923 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



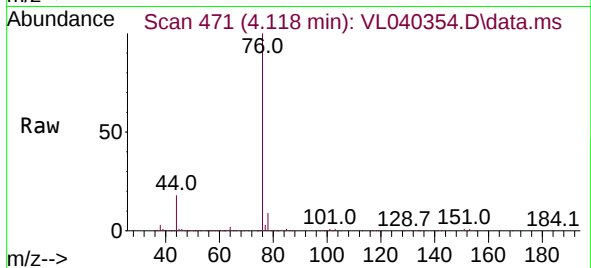
Tgt Ion: 57 Resp: 1011928
Ion Ratio Lower Upper
57 100
41 93.5 73.5 110.3
43 240.9 196.3 294.5
56 53.3 43.8 65.8





#27
Carbon Disulfide
Concen: 10.259 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

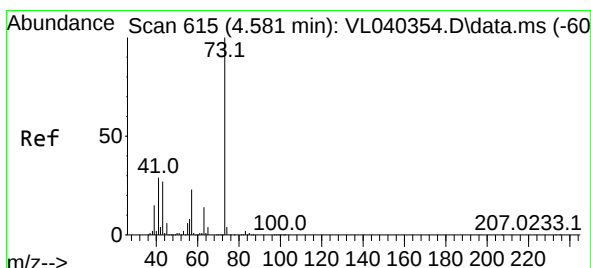
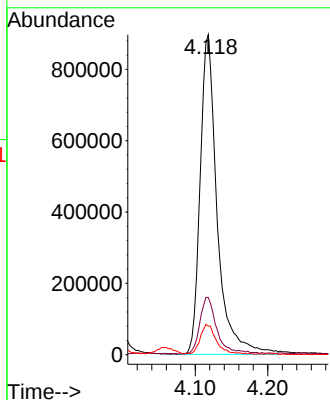
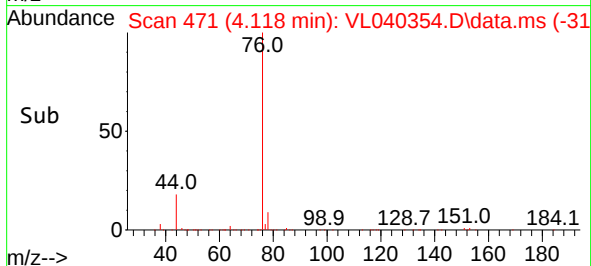
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 146122
Ion Ratio Lower Upper
76 100
44 18.4 15.2 22.8
78 9.6 7.6 11.4

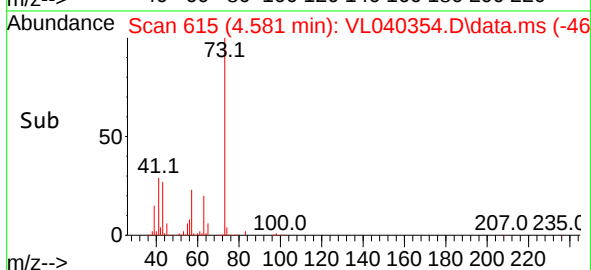
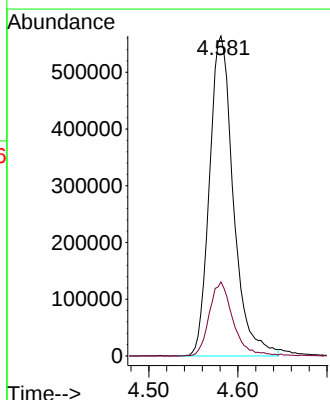
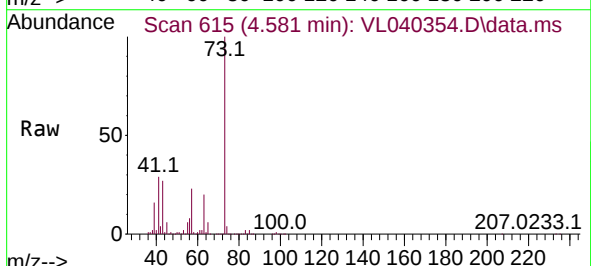
Manual Integrations
APPROVED

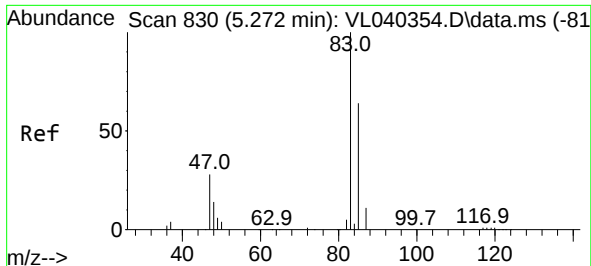
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#28
Methyl tert-Butyl Ether
Concen: 8.986 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 73 Resp: 1052189
Ion Ratio Lower Upper
73 100
57 23.2 18.4 27.6





#29

Chloroform

Concen: 9.841 ppbv

RT: 5.272 min Scan# 830

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1772040

Ion Ratio Lower Upper

83 100

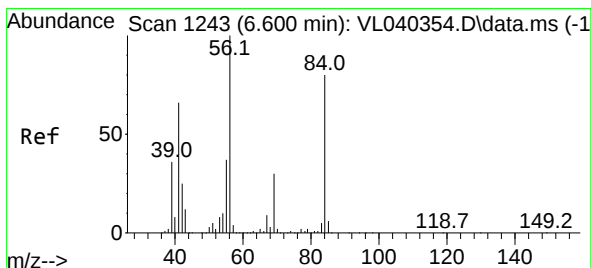
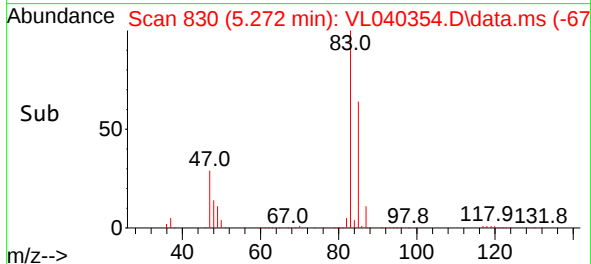
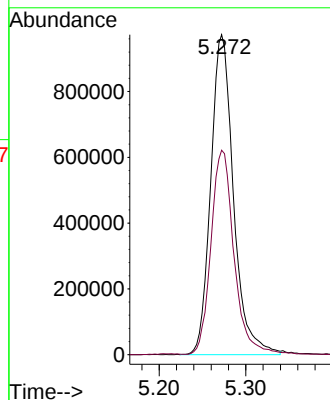
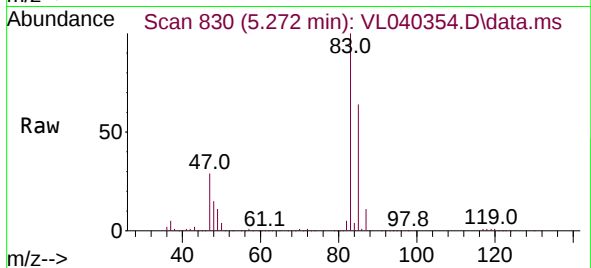
85 63.7 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Cyclohexane

Concen: 10.687 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

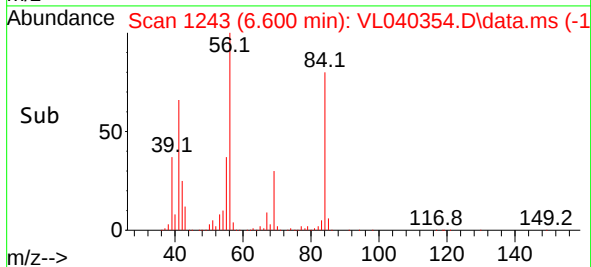
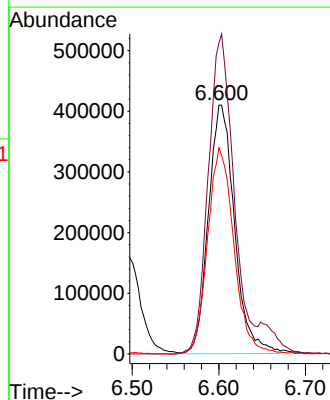
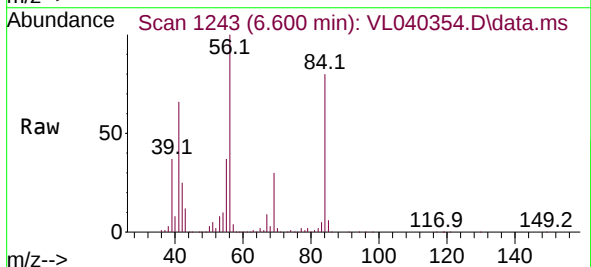
Tgt Ion: 84 Resp: 858819

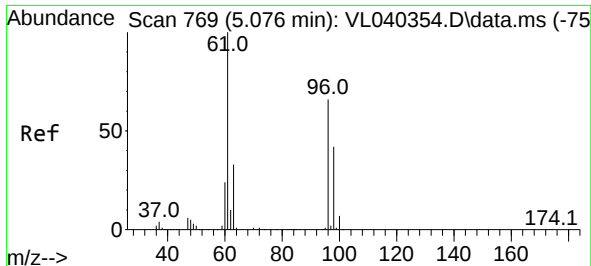
Ion Ratio Lower Upper

84 100

56 133.8 109.0 163.4

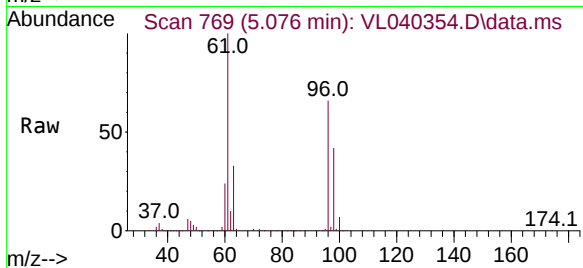
41 83.4 67.9 101.9





#31
cis-1,2-Dichloroethene
Concen: 10.637 ppbv
RT: 5.076 min Scan# 769
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

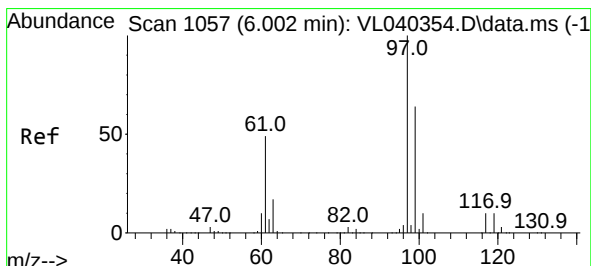
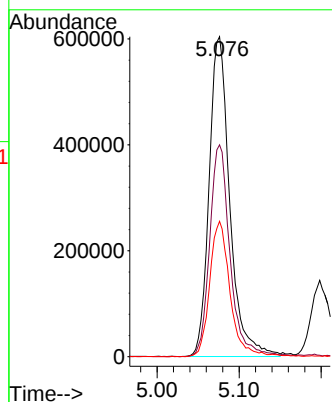
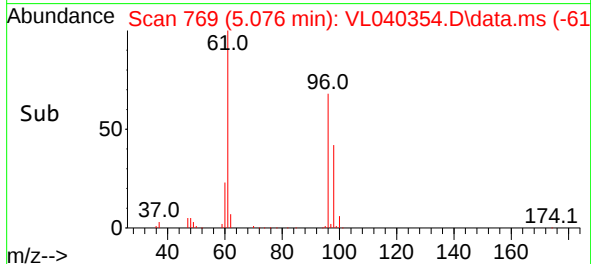
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 61 Resp: 105636
Ion Ratio Lower Upper
61 100
96 66.2 51.8 77.8
98 42.3 32.5 48.7

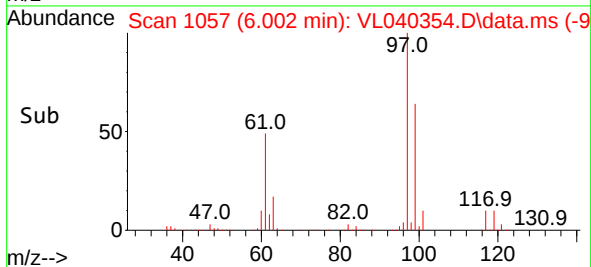
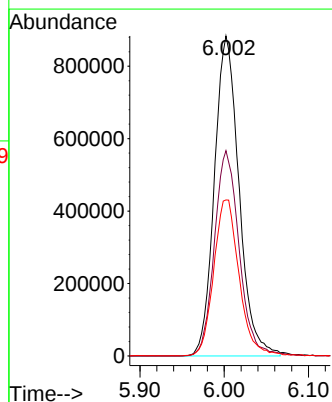
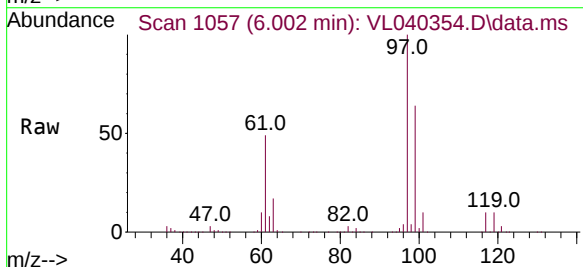
Manual Integrations
APPROVED

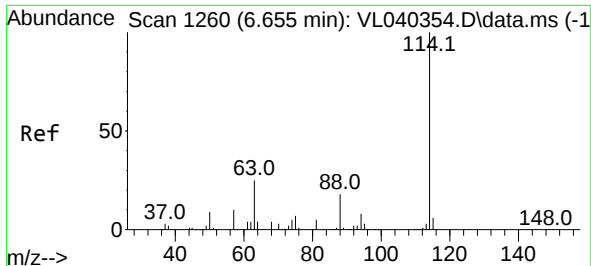
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#32
1,1,1-Trichloroethane
Concen: 10.381 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

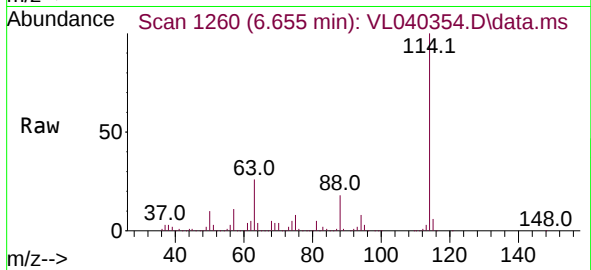
Tgt Ion: 97 Resp: 1790885
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 50.5 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

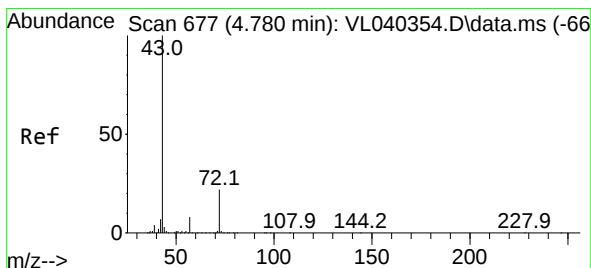
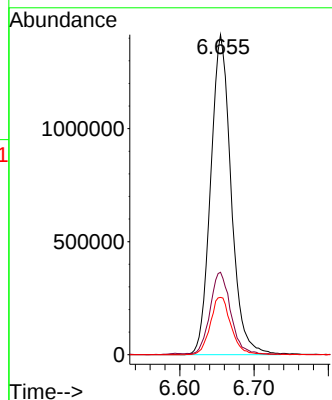
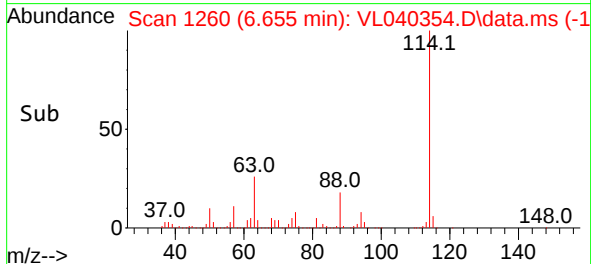
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



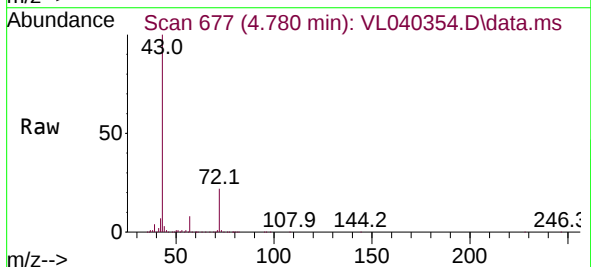
Tgt Ion:114 Resp: 270224
Ion Ratio Lower Upper
114 100
63 26.7 21.2 31.8
88 18.3 14.5 21.7

Manual Integrations
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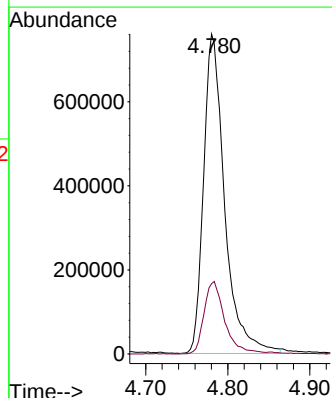
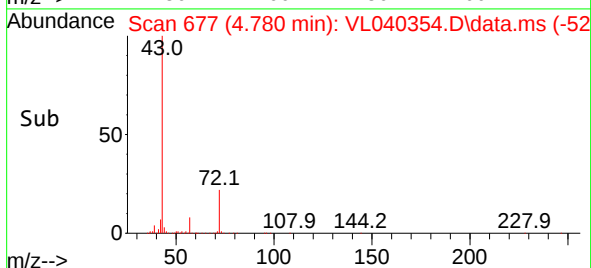
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

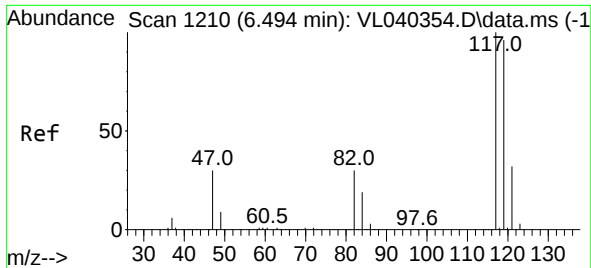


#34
2-Butanone
Concen: 10.163 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



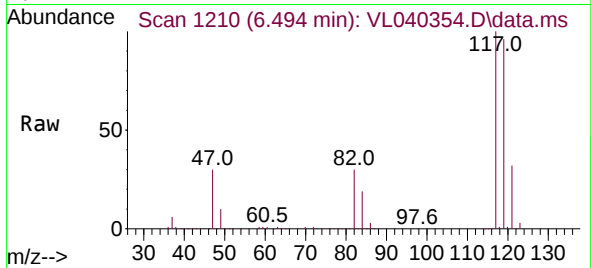
Tgt Ion: 43 Resp: 1355393
Ion Ratio Lower Upper
43 100
72 23.0 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.904 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

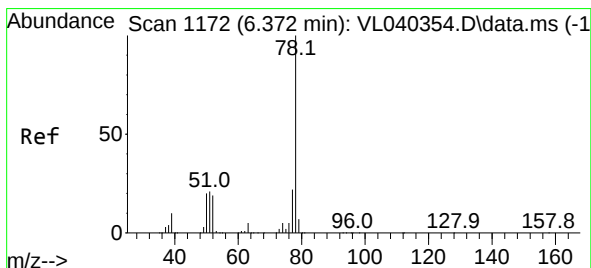
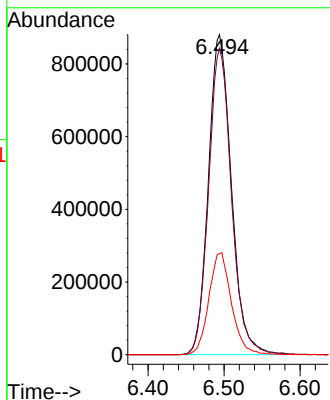
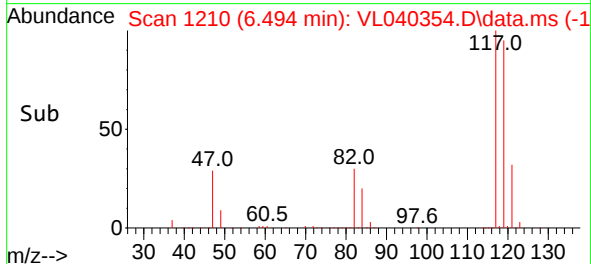
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 1849024
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
121 31.6 25.6 38.4

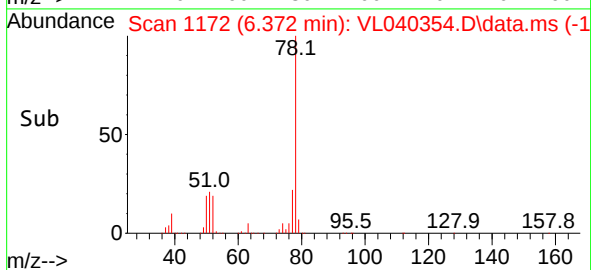
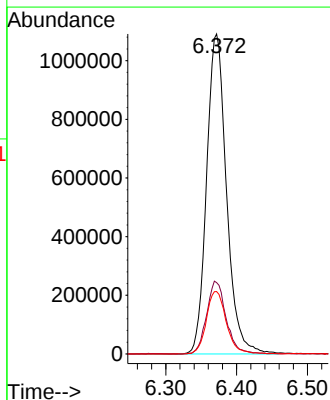
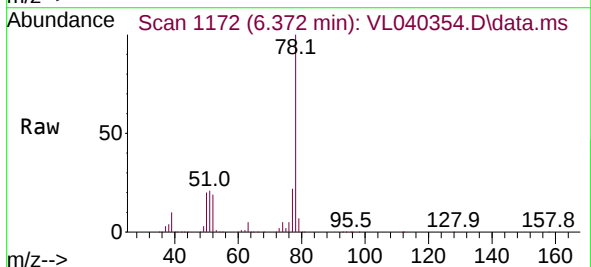
Manual Integrations
APPROVED

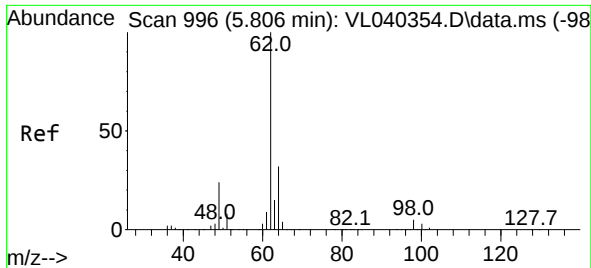
Reviewed By : Semsettin Yesilyurt 04/14/2023
Supervised By : Mahesh Dadoda 04/14/2023



#36
Benzene
Concen: 10.344 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

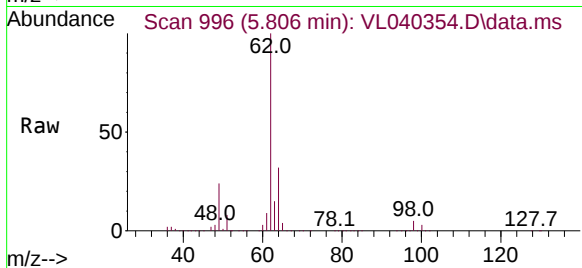
Tgt Ion: 78 Resp: 2130181
Ion Ratio Lower Upper
78 100
77 22.3 17.8 26.8
50 19.5 15.4 23.2





#37
1,2-Dichloroethane
Concen: 10.391 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

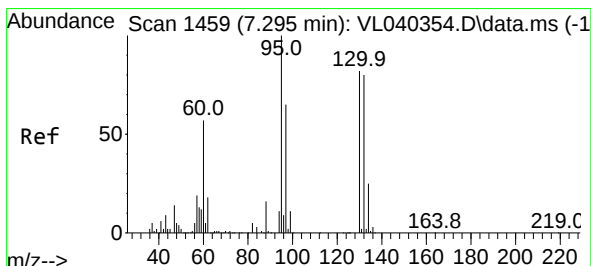
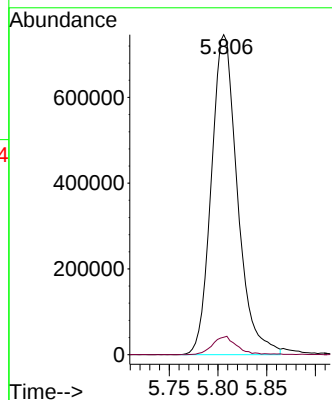
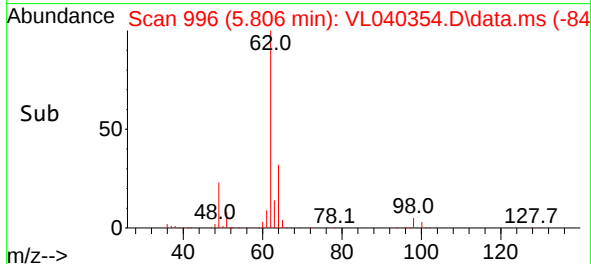
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 1392790
Ion Ratio Lower Upper
62 100
98 5.5 4.3 6.5

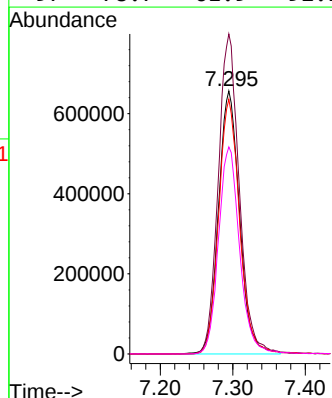
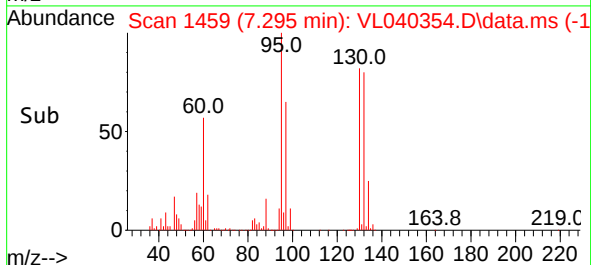
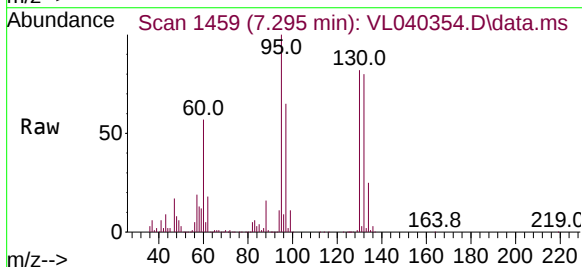
Manual Integrations
APPROVED

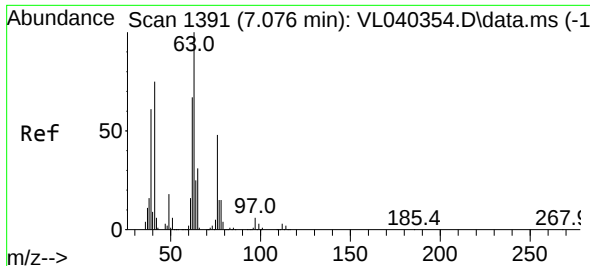
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Trichloroethene
Concen: 11.780 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion:130 Resp: 1325616
Ion Ratio Lower Upper
130 100
95 121.7 93.0 139.4
132 96.9 75.3 112.9
97 78.7 61.9 92.9





#39

1,2-Dichloropropane

Concen: 10.325 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

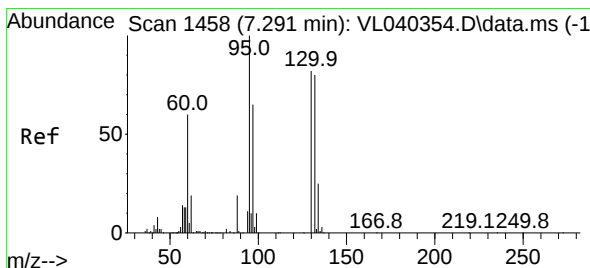
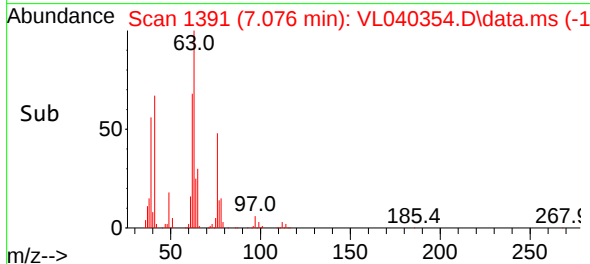
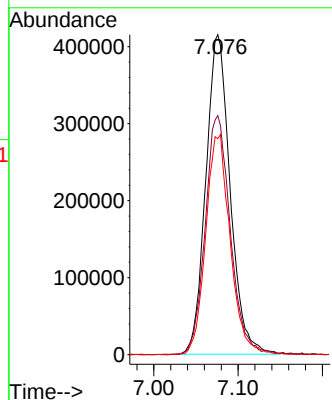
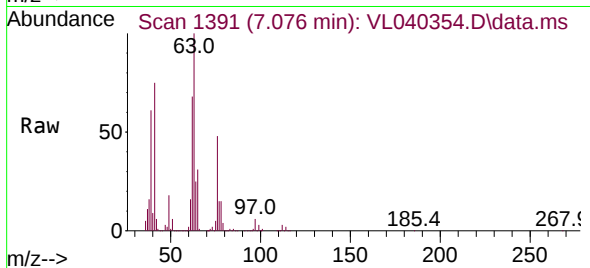
VSTDICCC010

Tgt Ion: 63	Resp: 83417
Ion Ratio	Lower Upper
63	100
41	74.5 60.8 91.2
62	67.4 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#40

1,4-Dioxane

Concen: 9.766 ppbv

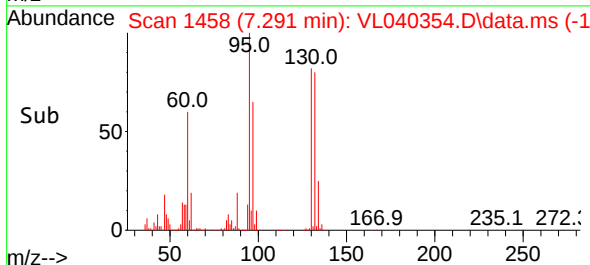
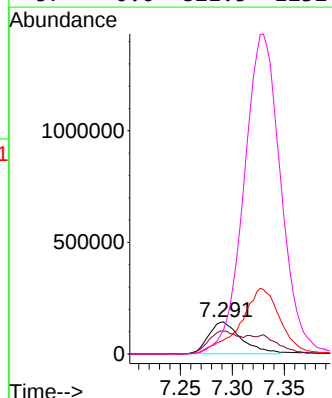
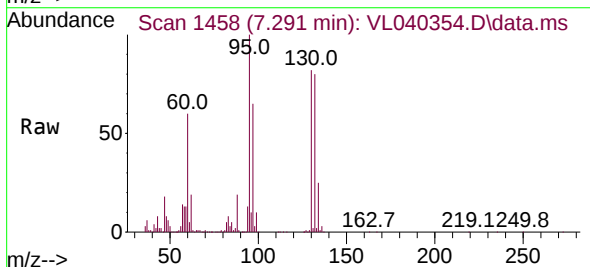
RT: 7.291 min Scan# 1458

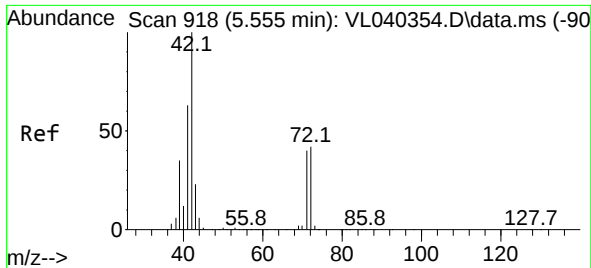
Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Tgt Ion: 88	Resp: 312152
Ion Ratio	Lower Upper
88	100
58	126.0 96.0 144.0
43	0.0 187.6 281.4#
57	0.0 821.5 1232.3#





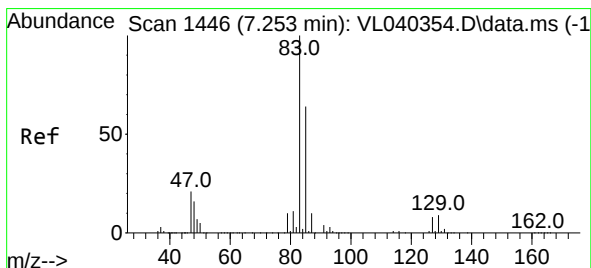
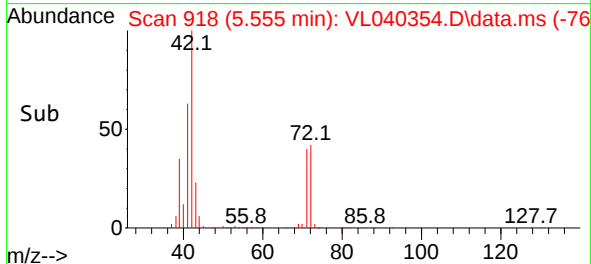
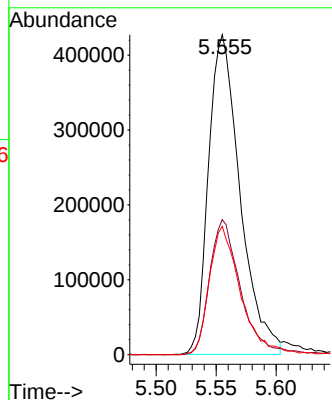
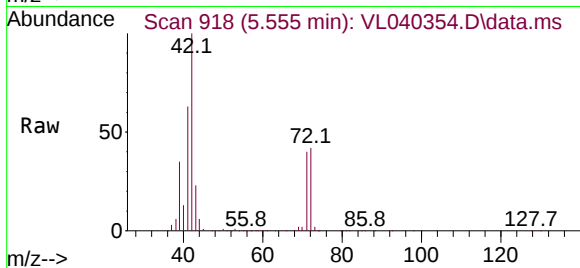
#41
Tetrahydrofuran
Concen: 10.136 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 780190
Ion Ratio Lower Upper
42 100
72 42.1 32.6 49.0
71 40.2 31.0 46.4

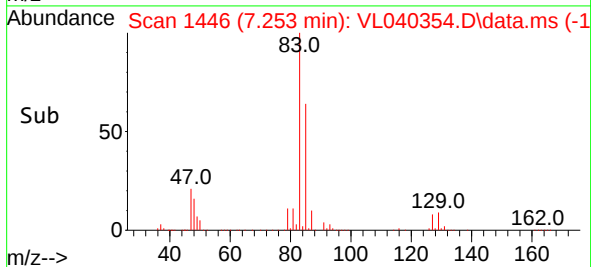
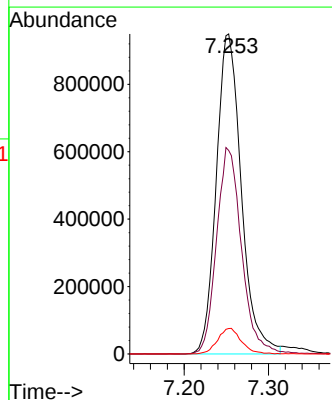
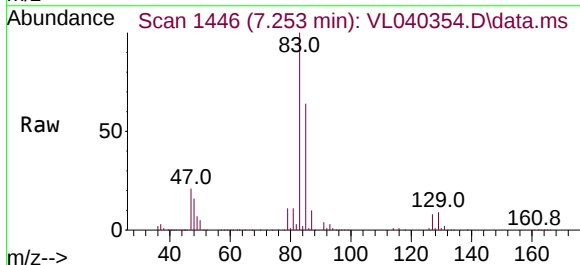
Manual Integrations
APPROVED

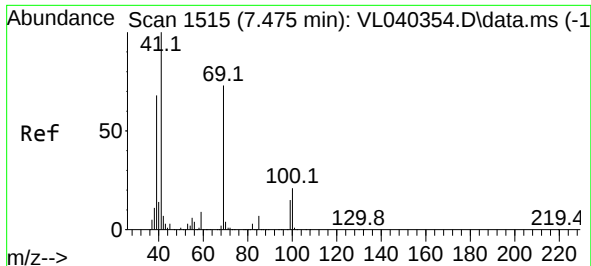
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#42
Bromodichloromethane
Concen: 10.705 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

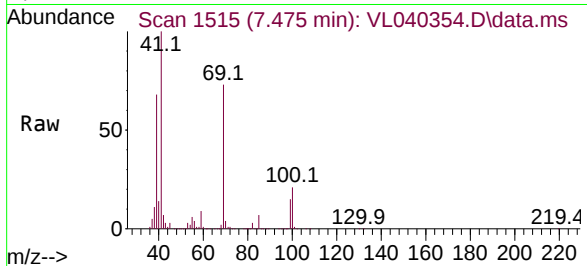
Tgt Ion: 83 Resp: 1960776
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 8.0 5.8 8.6





#43
Methyl Methacrylate
Concen: 11.329 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

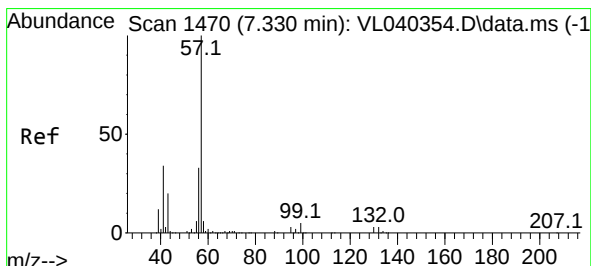
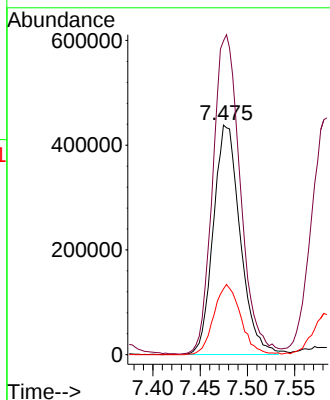
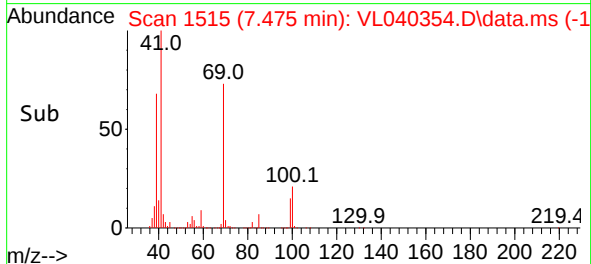
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



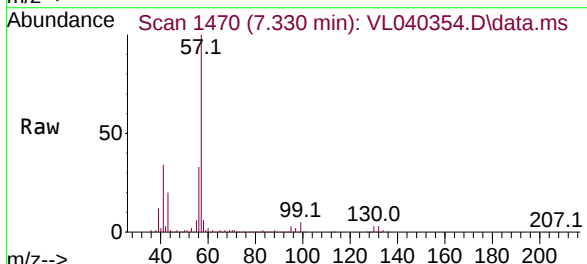
Tgt Ion: 69 Resp: 86702
Ion Ratio Lower Upper
69 100
41 142.9 116.9 175.3
100 30.6 24.2 36.4

Manual Integrations
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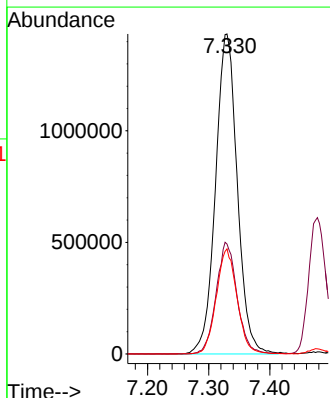
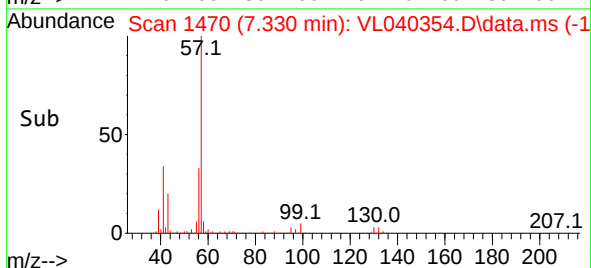
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

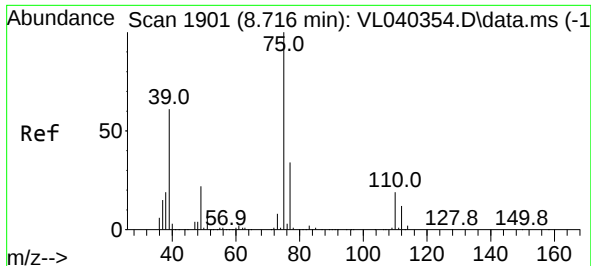


#44
2,2,4-Trimethylpentane
Concen: 10.329 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



Tgt Ion: 57 Resp: 3546635
Ion Ratio Lower Upper
57 100
41 33.6 26.8 40.2
56 31.4 25.0 37.6





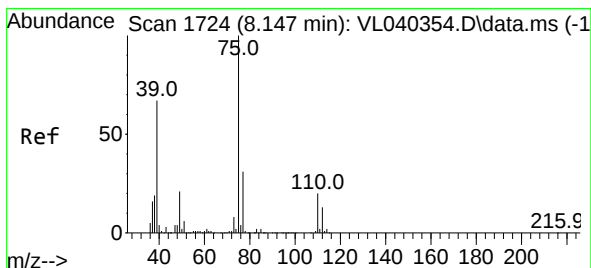
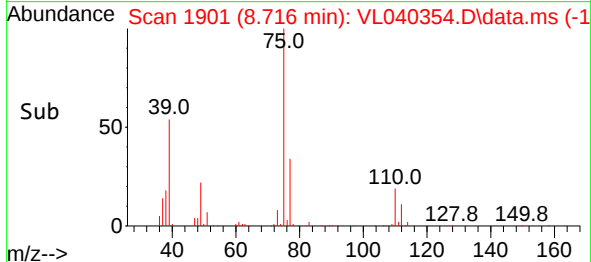
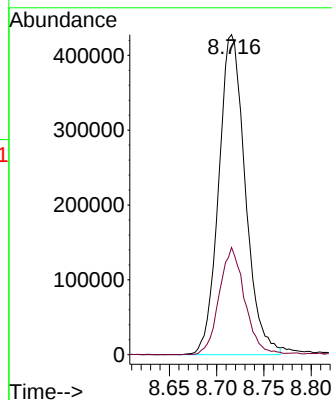
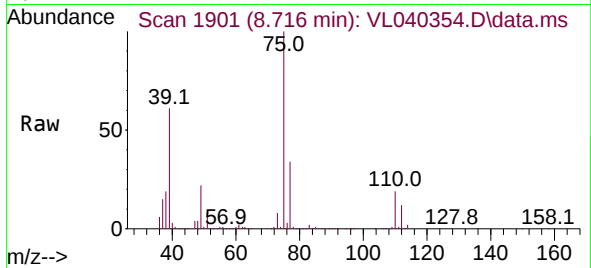
#45
 t-1,3-Dichloropropene
 Concen: 12.531 ppbv
 RT: 8.716 min Scan# 1901
 Delta R.T. 0.003 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 836009
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.0

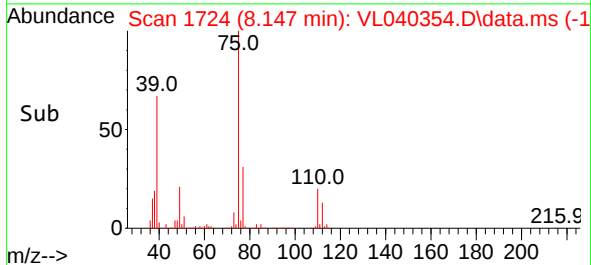
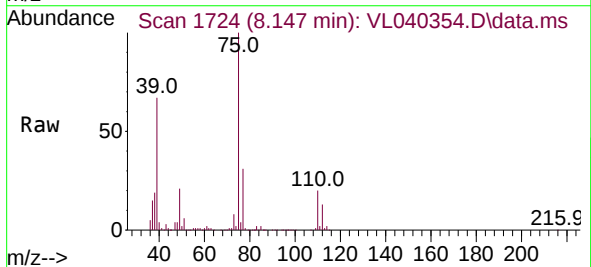
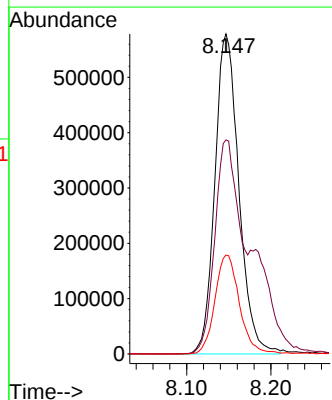
Manual Integrations
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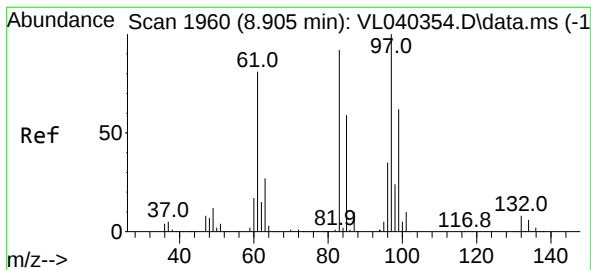
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#46
 cis-1,3-Dichloropropene
 Concen: 12.067 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion: 75 Resp: 1143204
 Ion Ratio Lower Upper
 75 100
 39 66.8 53.9 80.9
 77 30.9 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 10.681 ppbv

RT: 8.905 min Scan# 1960

Delta R.T. -0.001 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 92077

Ion Ratio Lower Upper

97 100

83 91.6 68.6 103.0

85 58.6 46.0 69.0

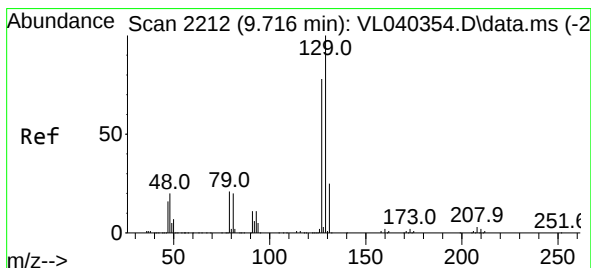
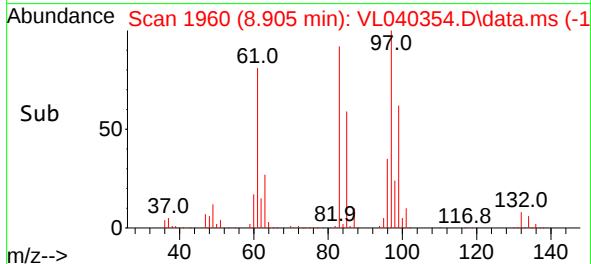
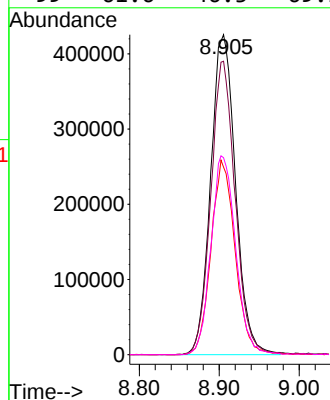
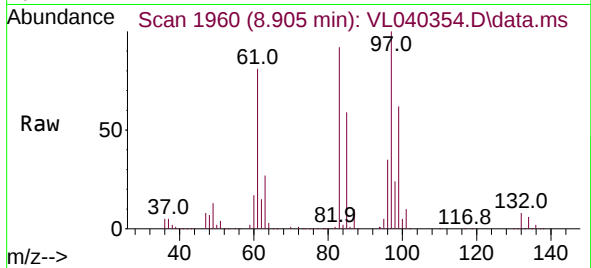
99 61.6 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#48

Dibromochloromethane

Concen: 11.209 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.000 min

Lab File: VL040354.D

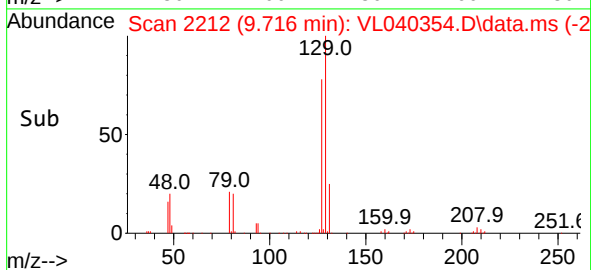
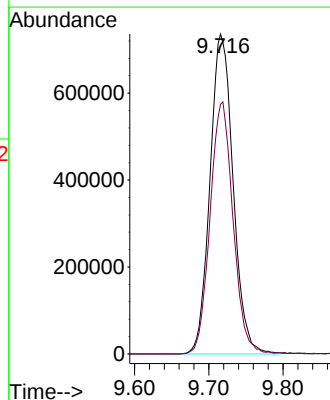
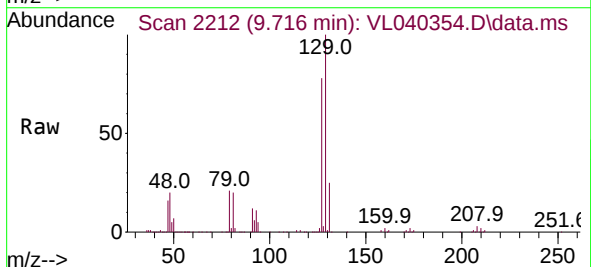
Acq: 13 Apr 2023 10:04

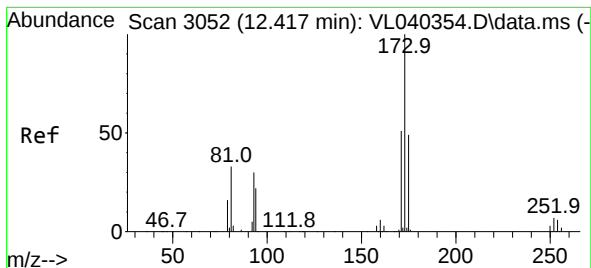
Tgt Ion:129 Resp: 1590187

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.5





#49

Bromoform

Concen: 12.000 ppbv

RT: 12.417 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 1278538

Ion Ratio Lower Upper

173 100

175 49.8 39.8 59.8

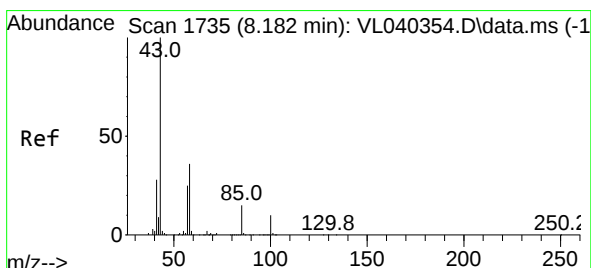
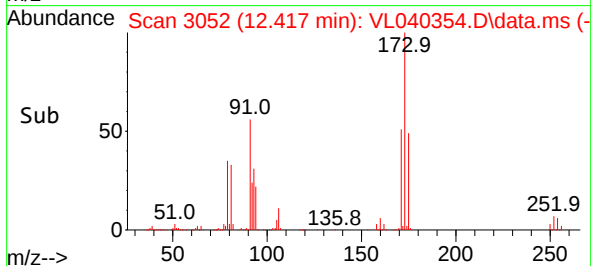
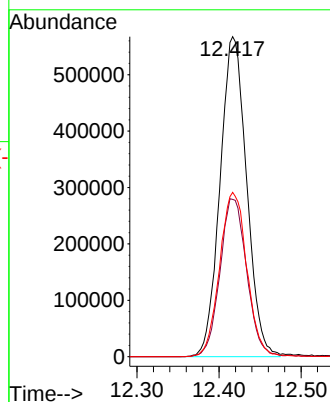
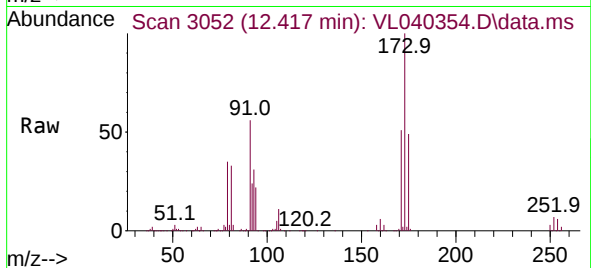
171 52.7 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#50

4-Methyl-2-Pentanone

Concen: 10.761 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VL040354.D

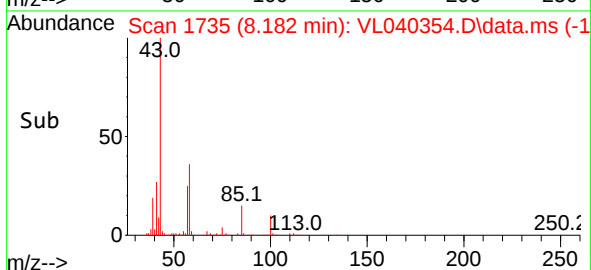
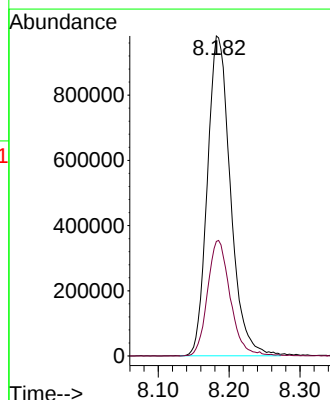
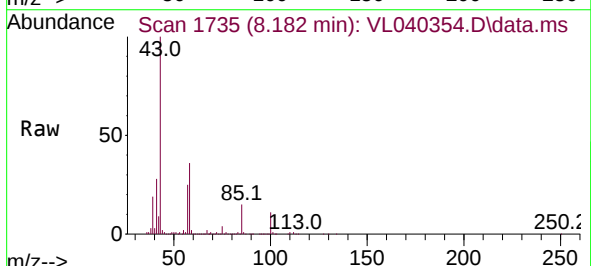
Acq: 13 Apr 2023 10:04

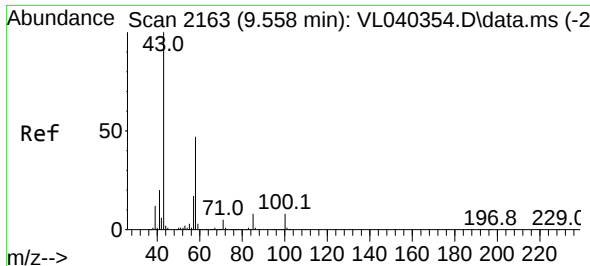
Tgt Ion: 43 Resp: 2220839

Ion Ratio Lower Upper

43 100

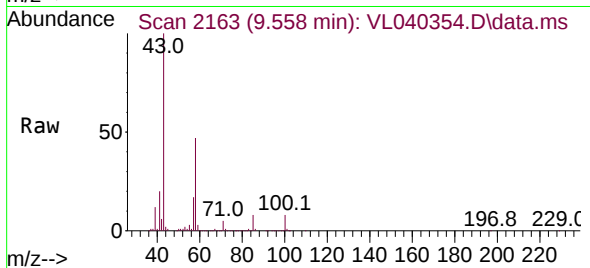
58 35.8 29.2 43.8





#51
2-Hexanone
Concen: 10.778 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

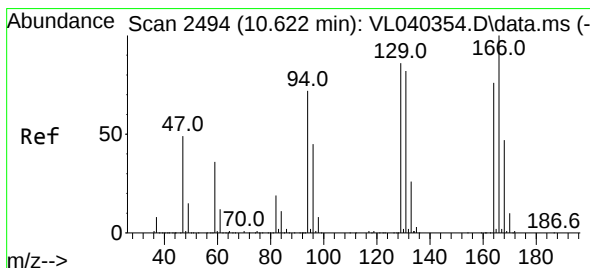
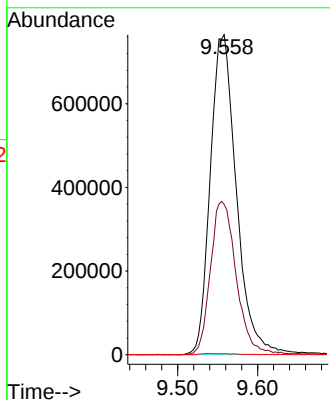
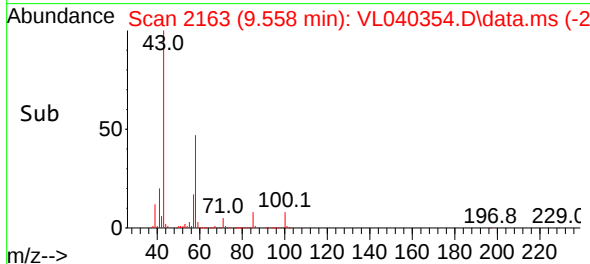
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 172324
Ion Ratio Lower Upper
43 100
58 47.9 38.0 57.0
98 0.5 0.5 0.7

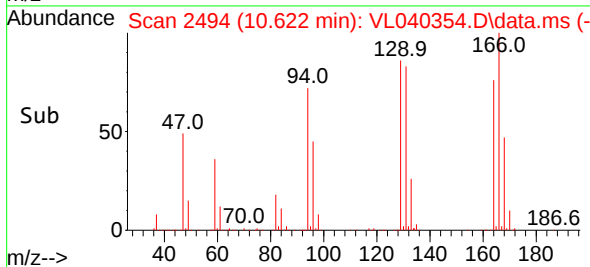
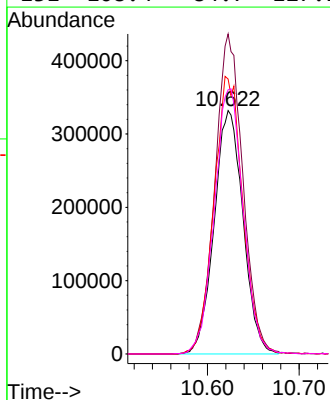
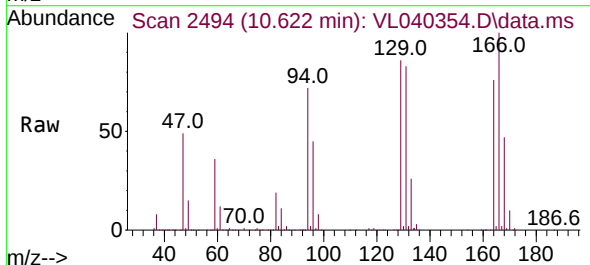
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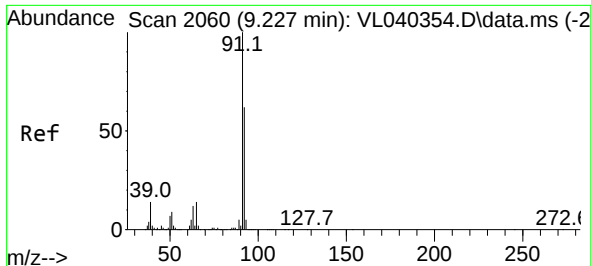
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Tetrachloroethene
Concen: 11.642 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

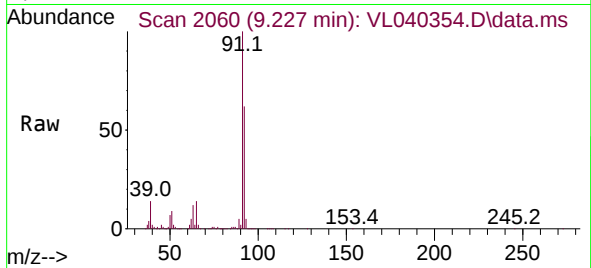
Tgt Ion:164 Resp: 725349
Ion Ratio Lower Upper
164 100
166 131.5 101.8 152.6
129 112.9 90.2 135.2
131 108.4 84.7 127.1





#53
Toluene
Concen: 11.392 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

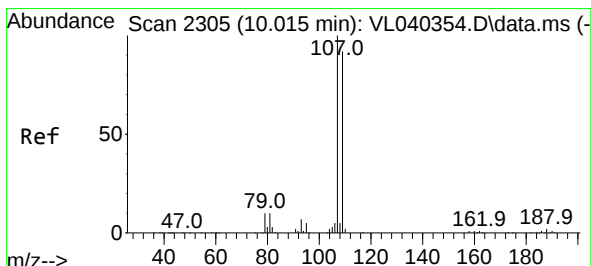
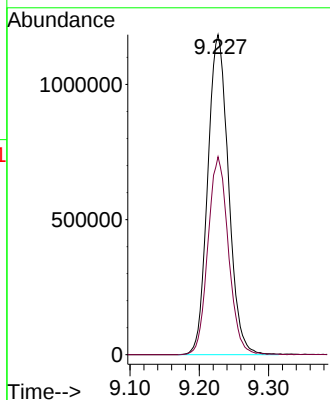
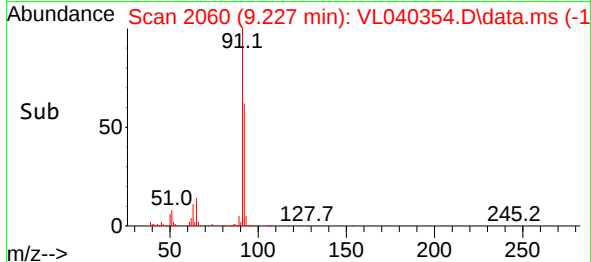
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



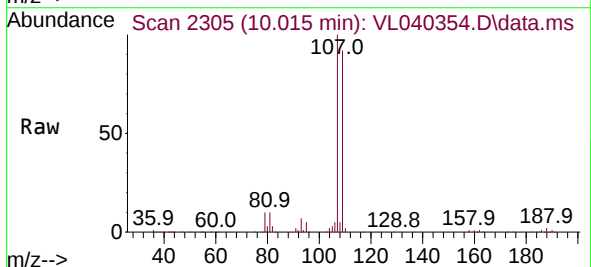
Tgt Ion: 91 Resp: 245847
Ion Ratio Lower Upper
91 100
92 61.1 48.0 72.0

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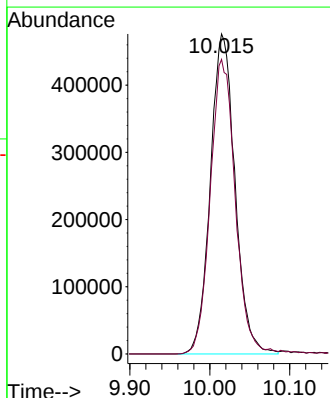
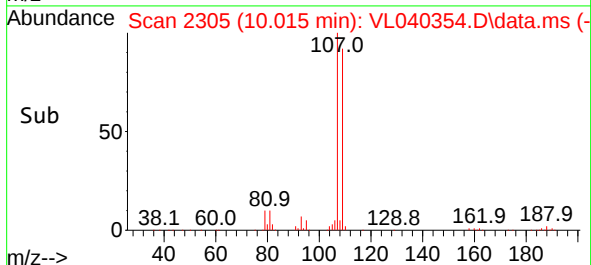
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

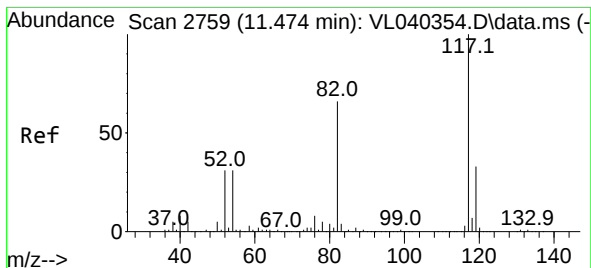


#54
1,2-Dibromoethane
Concen: 11.476 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



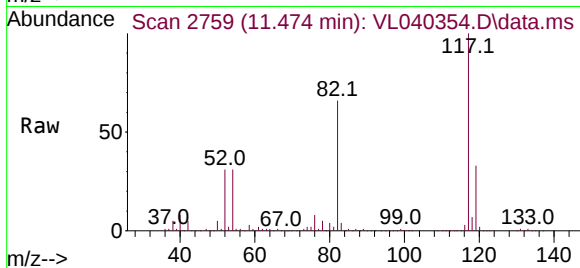
Tgt Ion:107 Resp: 1018313
Ion Ratio Lower Upper
107 100
109 92.0 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.004 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

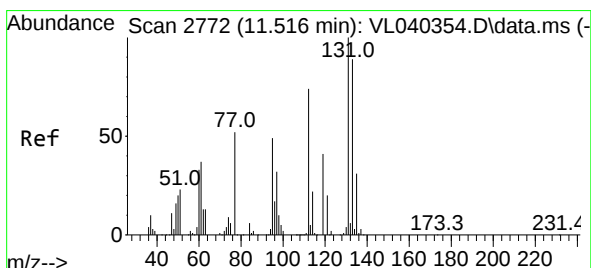
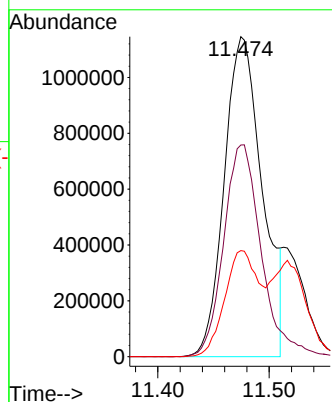
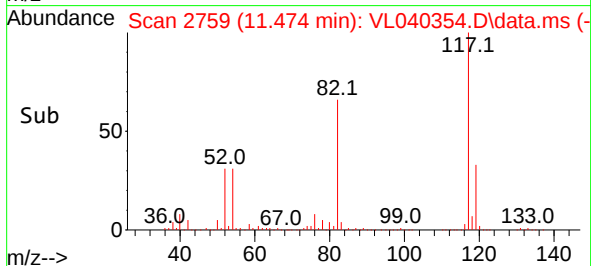
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 2718620
Ion Ratio Lower Upper
117 100
82 65.6 51.4 77.2
119 30.4 24.0 36.0

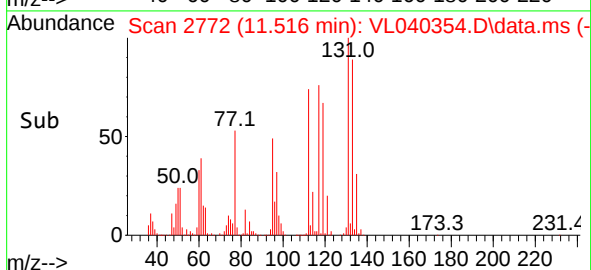
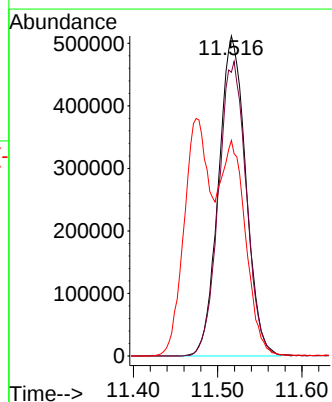
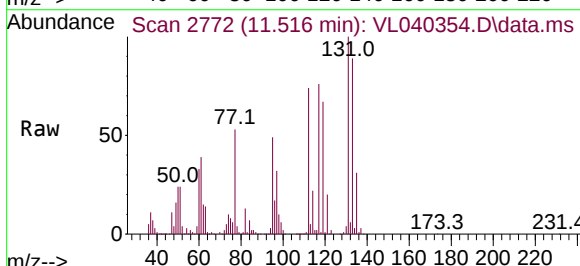
Manual Integrations
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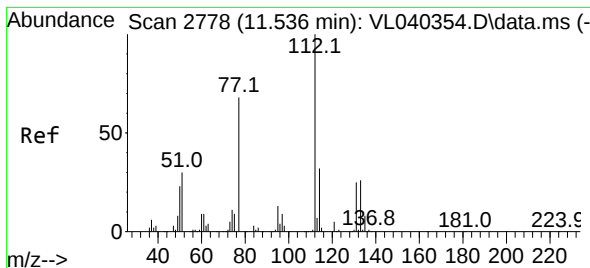
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.045 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

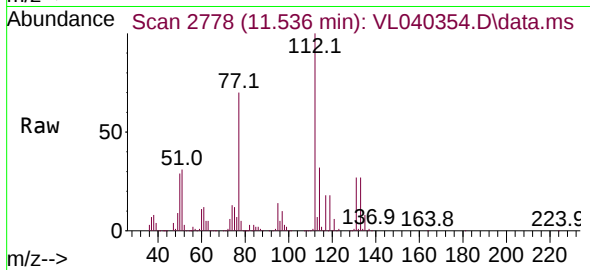
Tgt Ion:131 Resp: 1148850
Ion Ratio Lower Upper
131 100
133 94.1 76.5 114.7
119 67.4 47.9 71.9





#57
Chlorobenzene
Concen: 10.020 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

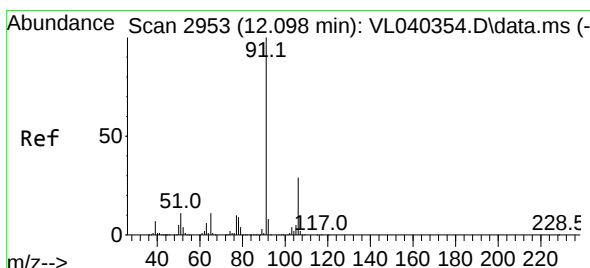
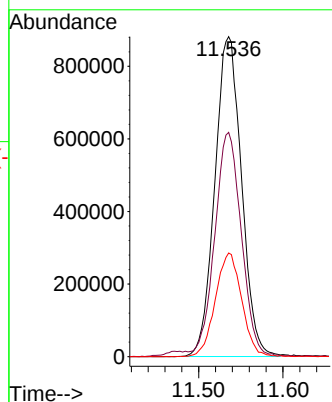
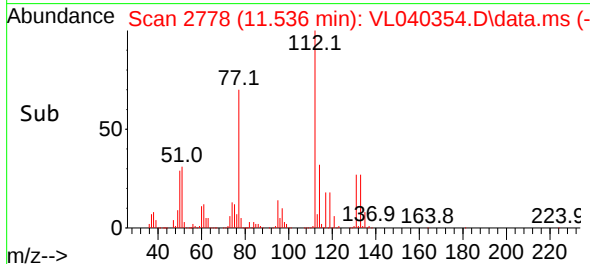
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



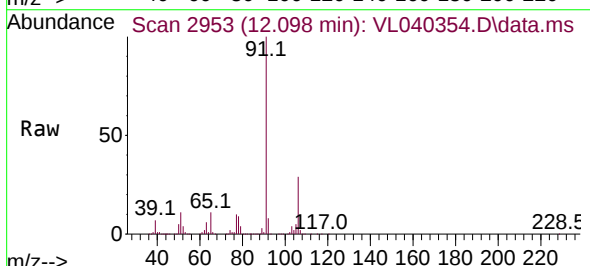
Tgt Ion:112 Resp: 193766
Ion Ratio Lower Upper
112 100
77 69.8 56.2 84.2
114 32.3 29.0 35.4

Manual Integrations
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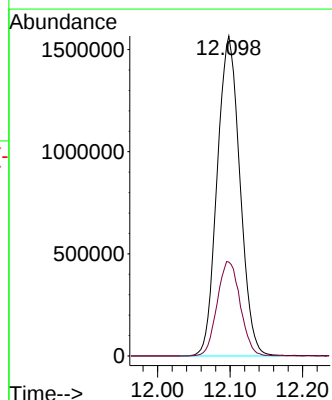
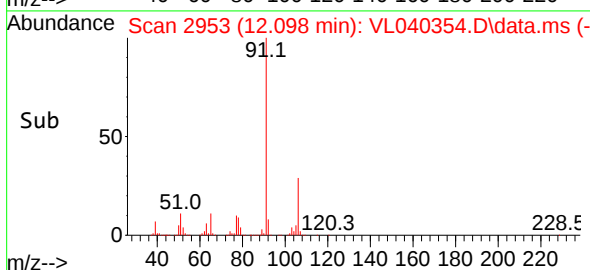
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

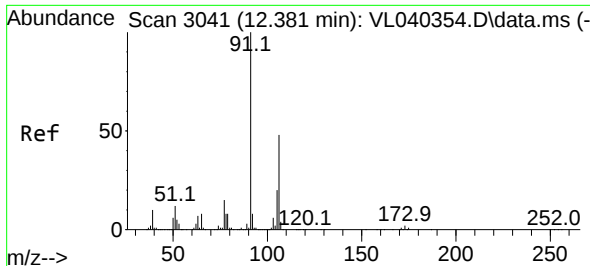


#58
Ethyl Benzene
Concen: 11.034 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



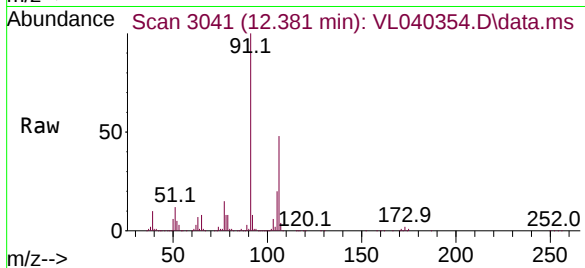
Tgt Ion: 91 Resp: 3415573
Ion Ratio Lower Upper
91 100
106 29.4 23.4 35.2





#59
m/p-Xylene
Concen: 21.062 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

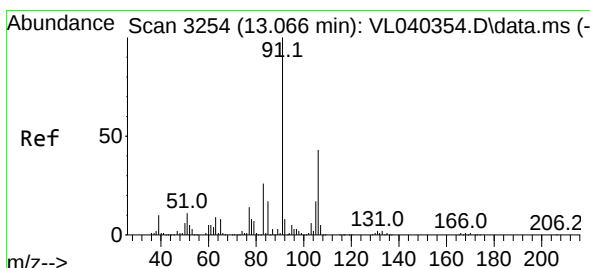
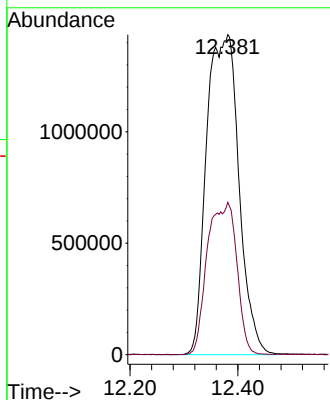
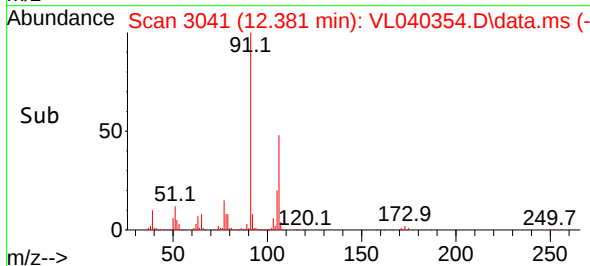
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



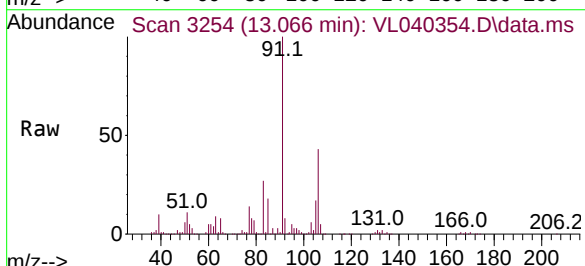
Tgt Ion: 91 Resp: 5972862
Ion Ratio Lower Upper
91 100
106 43.4 34.0 51.0

Manual Integrations
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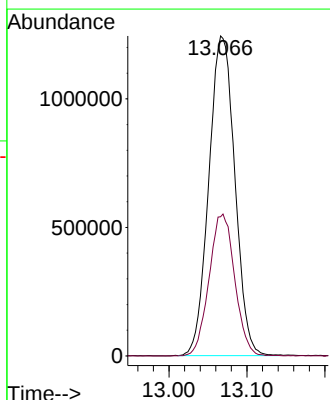
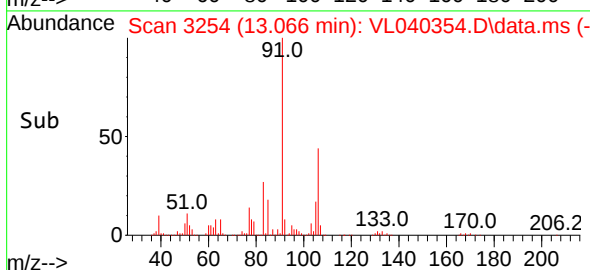
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

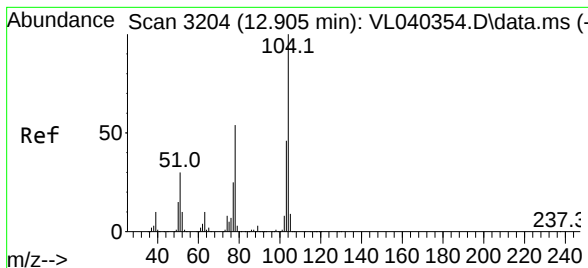


#60
o-Xylene
Concen: 10.637 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



Tgt Ion: 91 Resp: 2883505
Ion Ratio Lower Upper
91 100
106 43.9 21.7 65.1





#61

Styrene

Concen: 11.958 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.004 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 164503

Ion Ratio Lower Upper

104 100

78 54.2 43.7 65.5

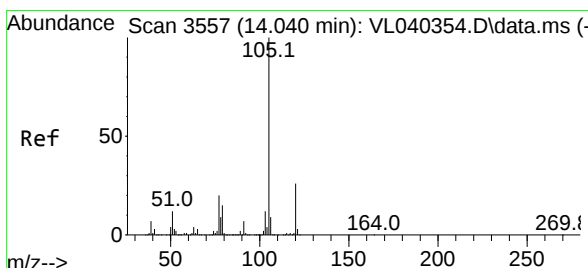
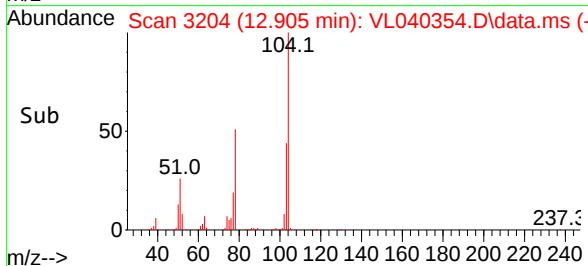
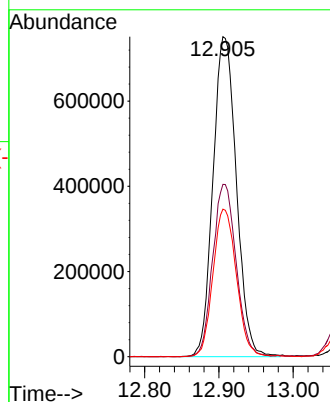
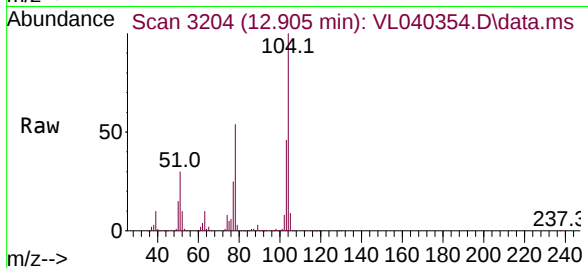
103 46.2 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#62

Isopropylbenzene

Concen: 10.503 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040354.D

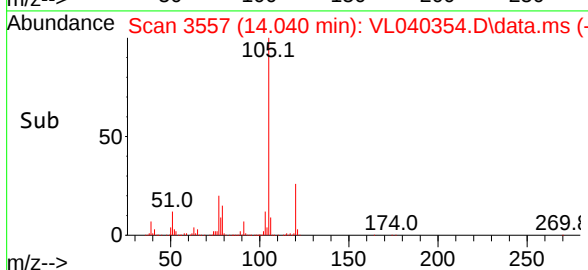
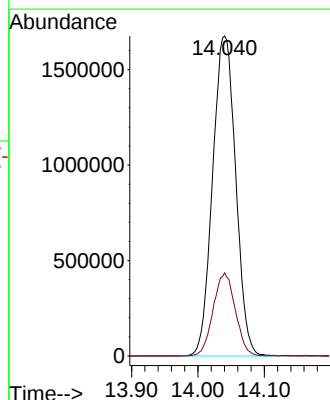
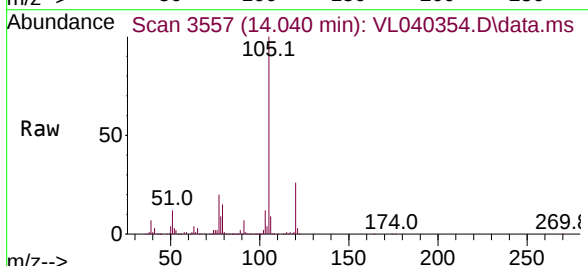
Acq: 13 Apr 2023 10:04

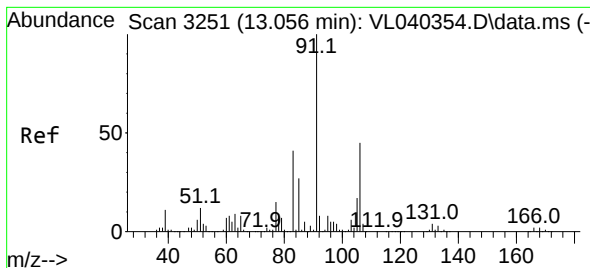
Tgt Ion:105 Resp: 4054599

Ion Ratio Lower Upper

105 100

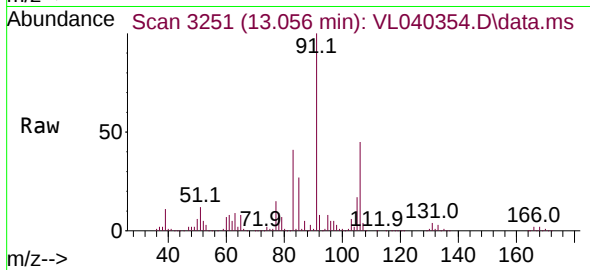
120 24.9 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 9.478 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

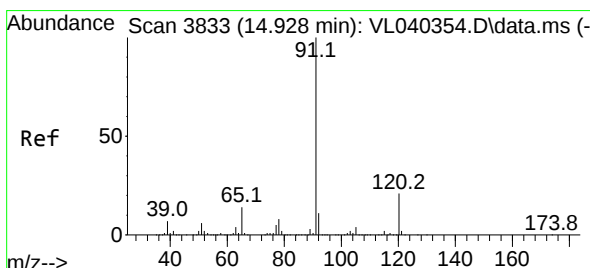
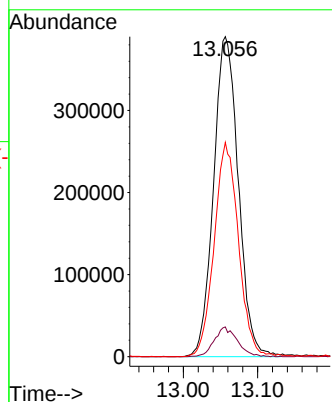
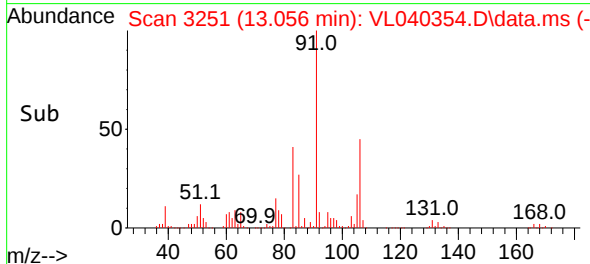
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 904100
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.9
85 65.7 32.7 98.1

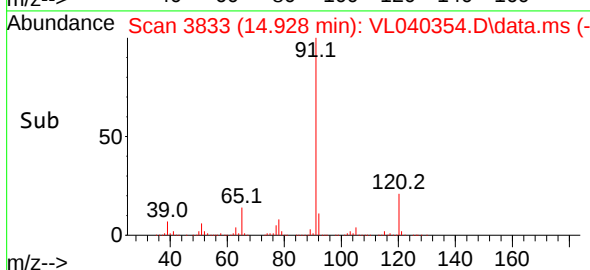
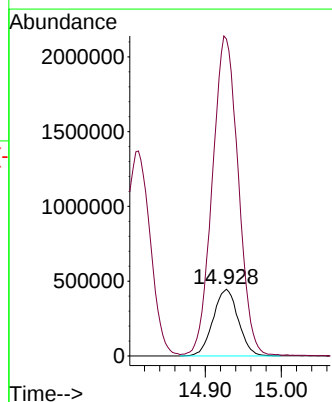
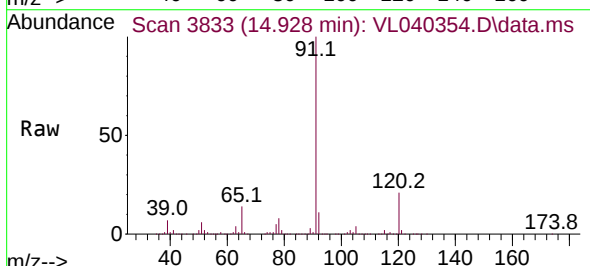
Manual Integrations
APPROVED

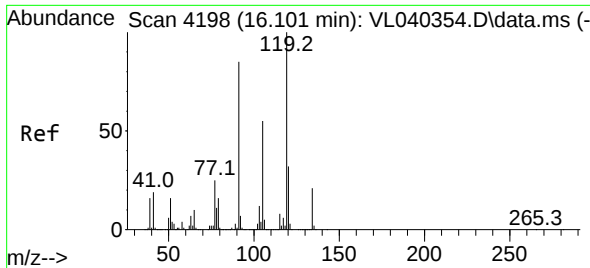
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
n-propylbenzene
Concen: 10.840 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

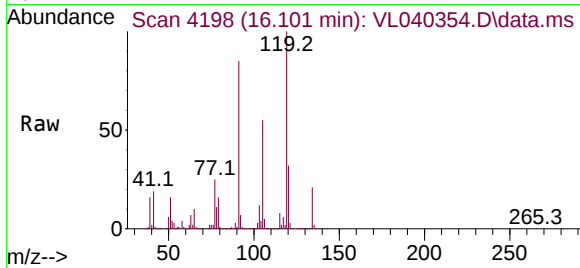
Tgt Ion:120 Resp: 1024022
Ion Ratio Lower Upper
120 100
91 496.7 399.0 598.6





#65
tert-Butylbenzene
Concen: 10.637 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

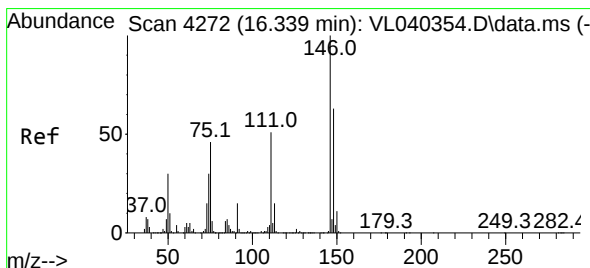
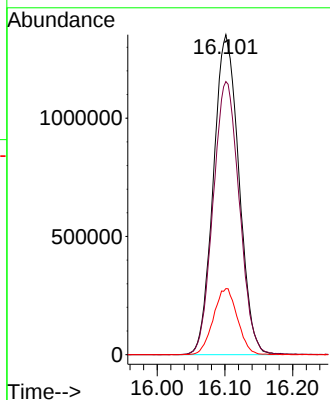
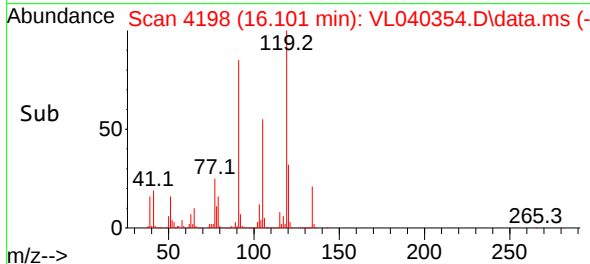
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



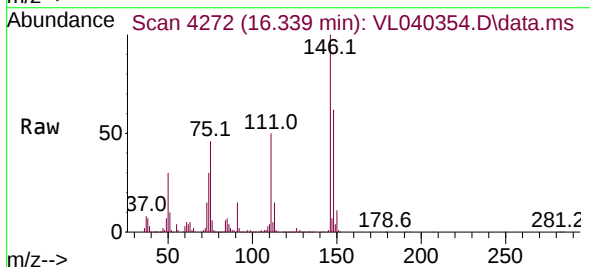
Tgt Ion: 119 Resp: 3538630
Ion Ratio Lower Upper
119 100
91 87.6 69.4 104.2
134 19.5 15.8 23.6

Manual Integrations
APPROVED

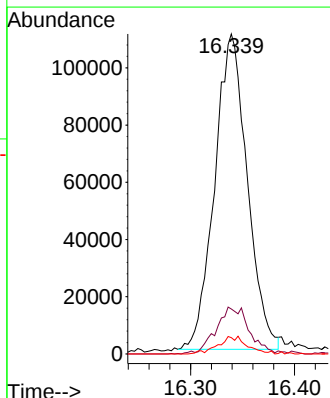
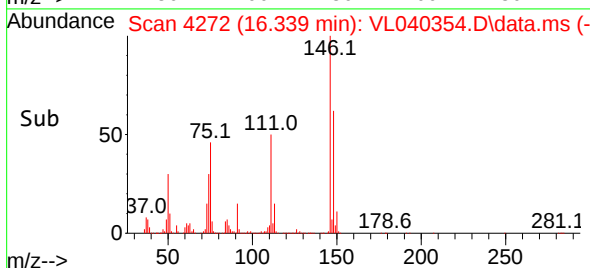
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

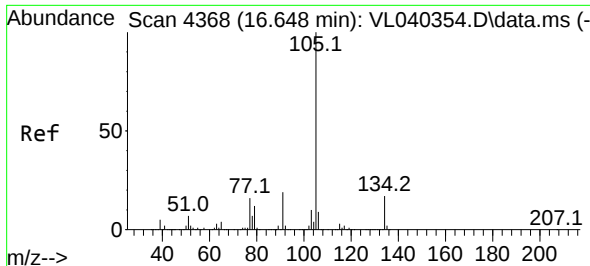


#66
Benzyl Chloride
Concen: 11.117 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.004 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



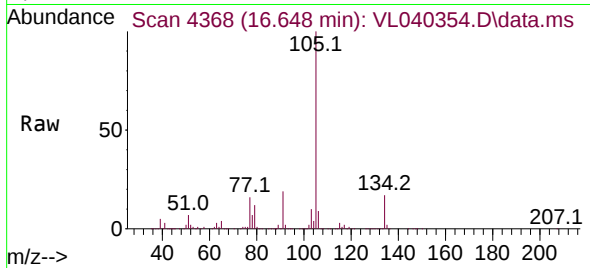
Tgt Ion: 91 Resp: 240348
Ion Ratio Lower Upper
91 100
126 15.4 12.1 18.1
128 5.1 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 10.705 ppbv
 RT: 16.648 min Scan# 4368
 Delta R.T. 0.003 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

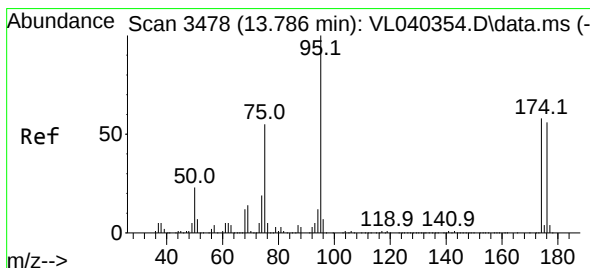
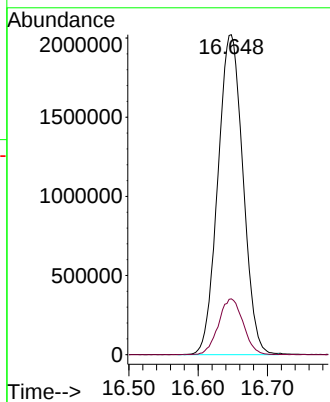
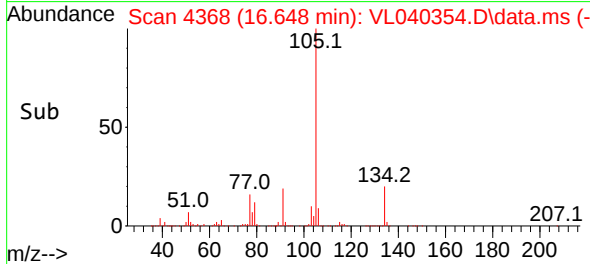
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



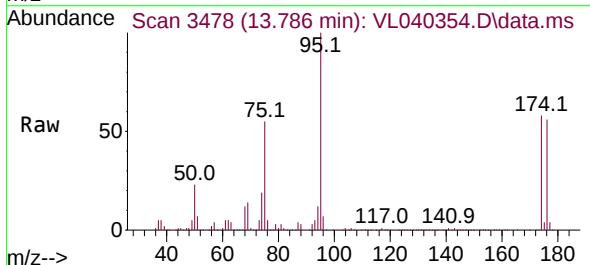
Tgt Ion: 105 Resp: 509297
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.0 21.0

Manual Integrations
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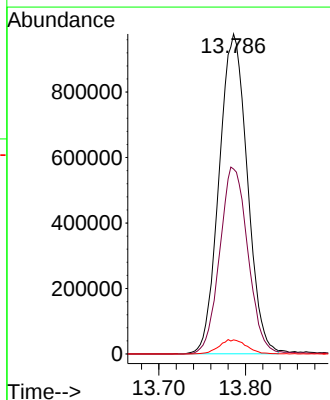
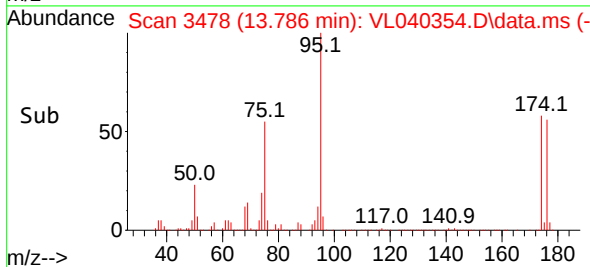
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

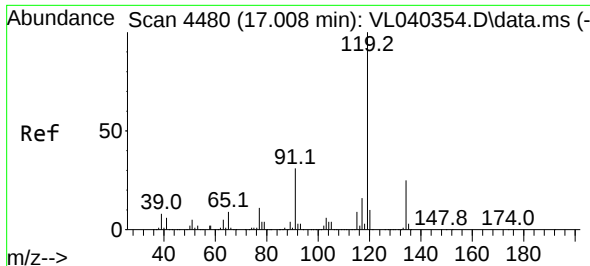


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.703 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04



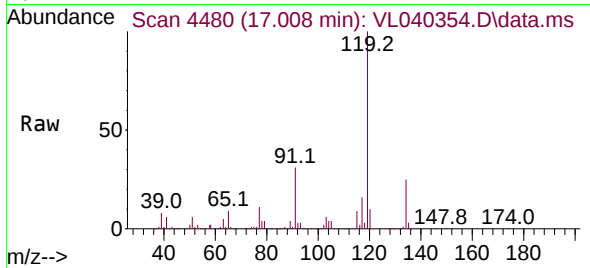
Tgt Ion: 95 Resp: 2208999
 Ion Ratio Lower Upper
 95 100
 174 59.0 47.0 70.6
 175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.914 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

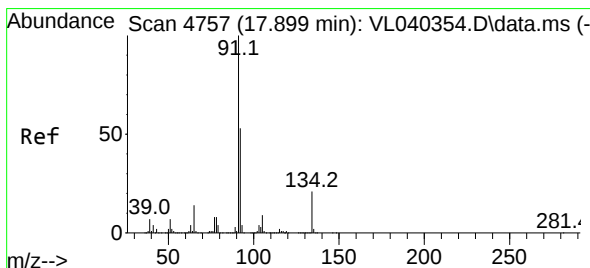
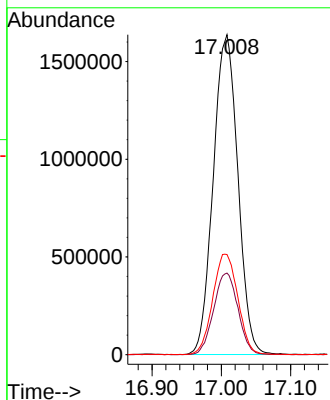
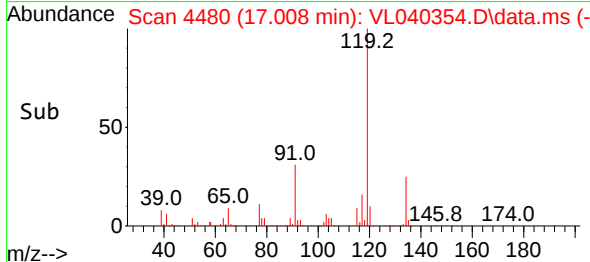
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



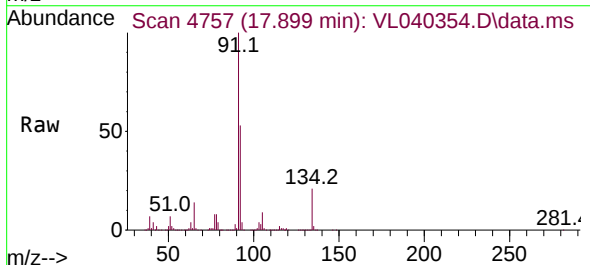
Tgt Ion: 119 Resp: 404389
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 32.1 25.1 37.7

Manual Integrations
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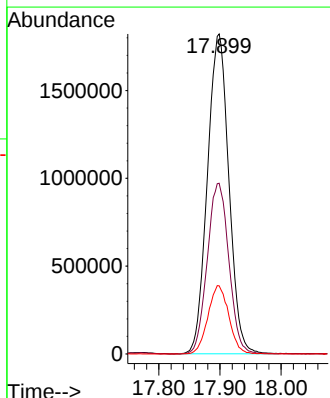
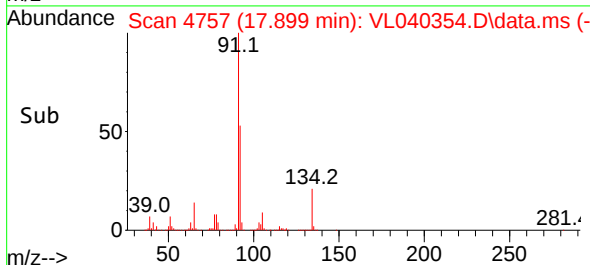
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

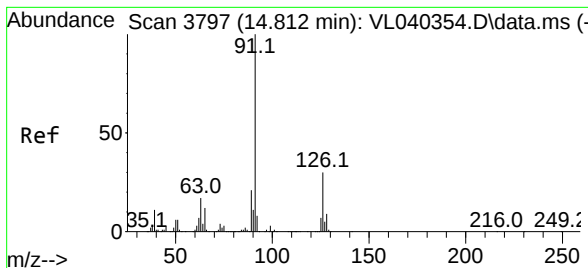


#70
n-Butylbenzene
Concen: 10.905 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



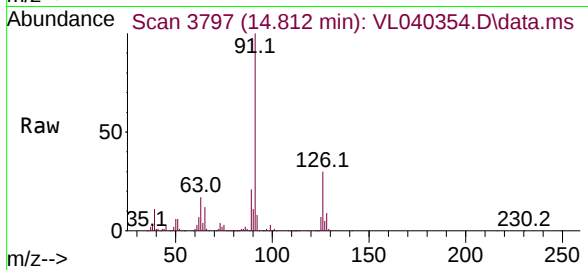
Tgt Ion: 91 Resp: 4451327
Ion Ratio Lower Upper
91 100
92 53.7 42.9 64.3
134 20.8 16.8 25.2





#71
2-Chlorotoluene
Concen: 10.769 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

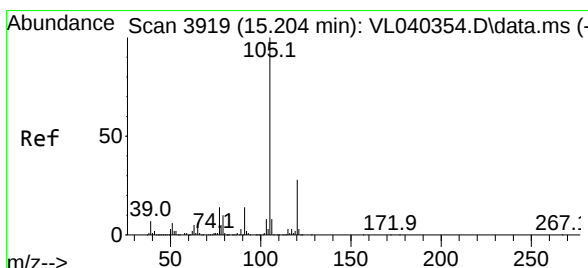
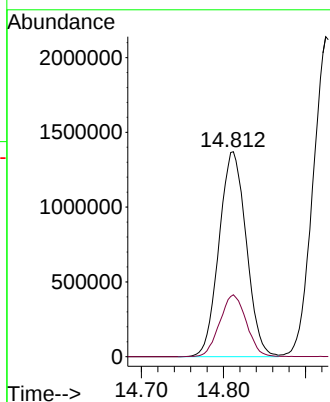
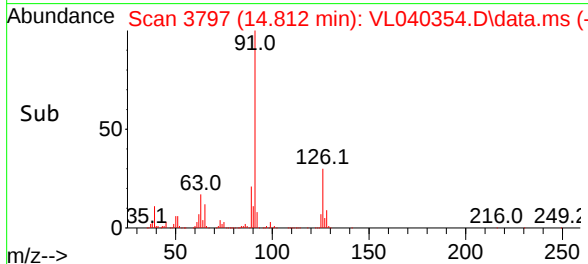
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



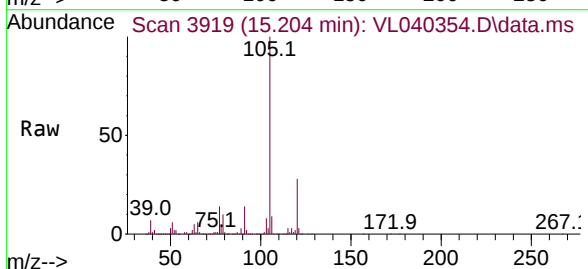
Tgt Ion: 91 Resp: 316404
Ion Ratio Lower Upper
91 100
126 29.6 11.8 47.4

Manual Integrations
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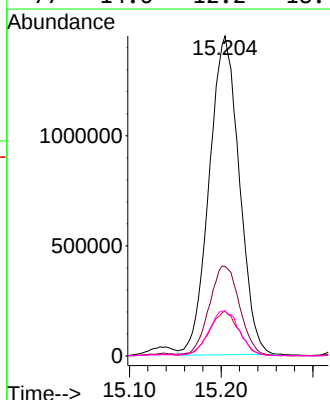
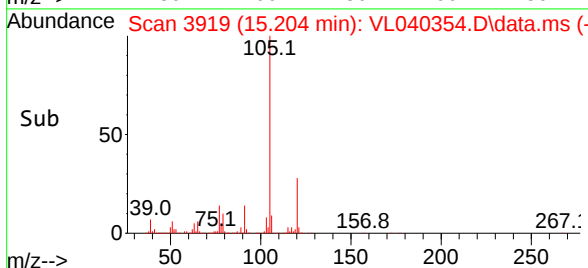
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

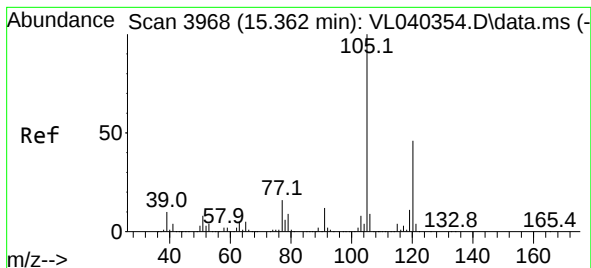


#72
4-Ethyltoluene
Concen: 11.133 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



Tgt Ion:105 Resp: 3299644
Ion Ratio Lower Upper
105 100
120 28.8 23.7 35.5
91 14.1 11.6 17.4
77 14.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.997 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 295243

Ion Ratio Lower Upper

105 100

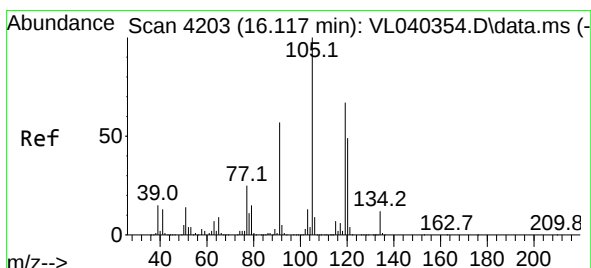
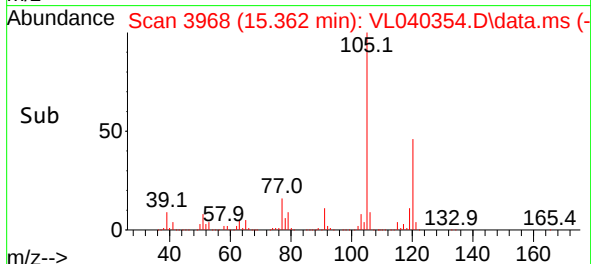
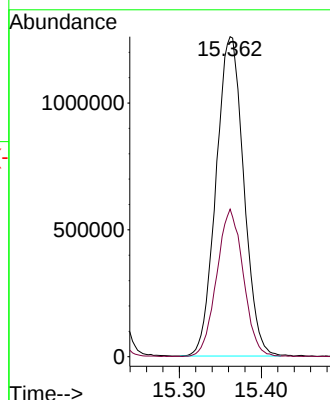
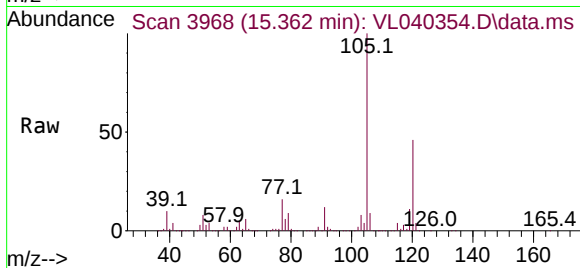
120 46.1 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.605 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.004 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Tgt Ion:105 Resp: 3246882

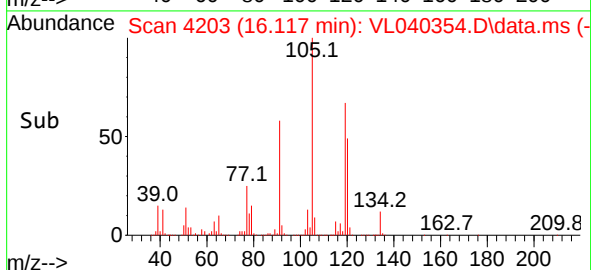
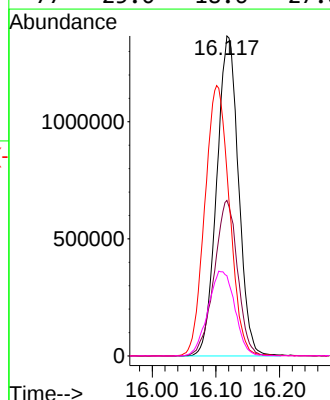
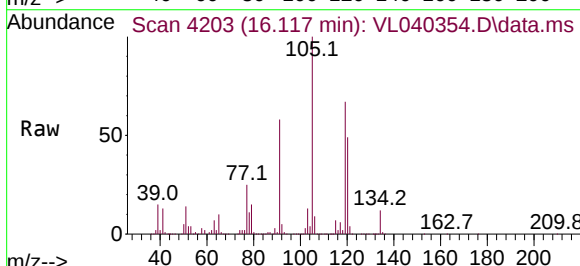
Ion Ratio Lower Upper

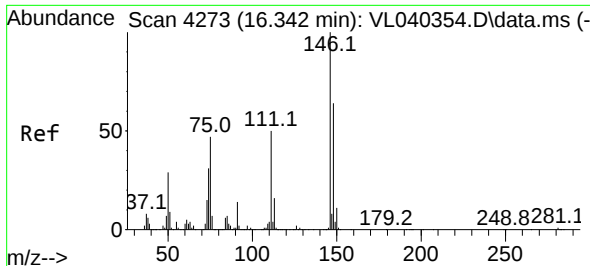
105 100

120 48.6 36.6 54.8

91 57.5 39.9 59.9

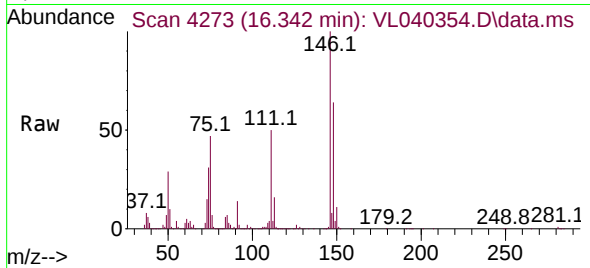
77 25.0 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 10.668 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.001 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

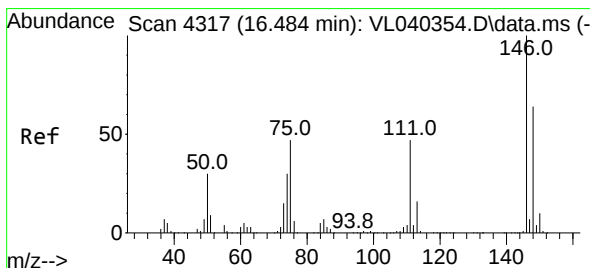
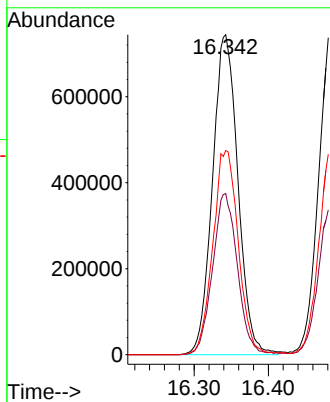
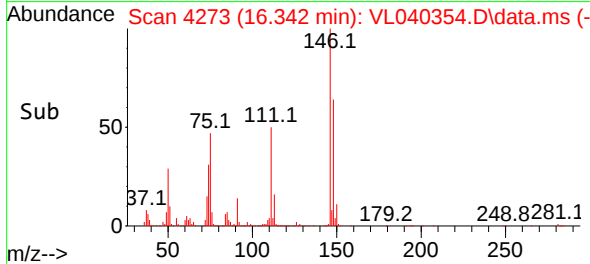
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 1769024
Ion Ratio Lower Upper
146 100
111 49.3 24.3 73.0
148 64.2 31.9 95.5

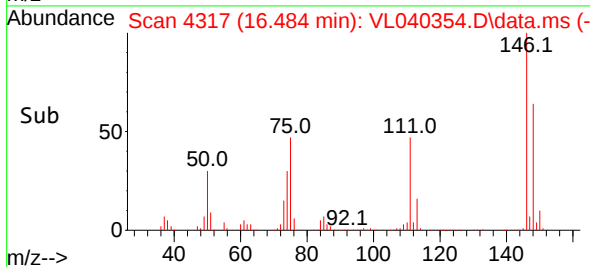
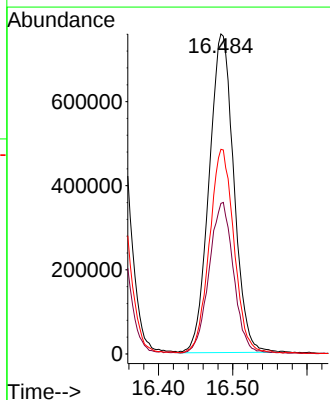
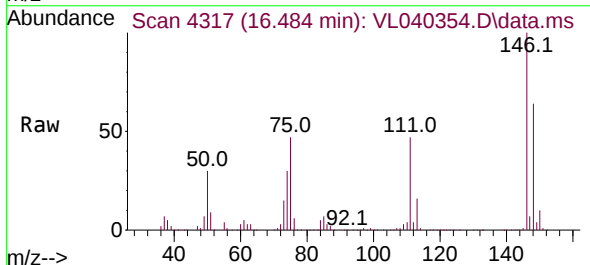
Manual Integrations
APPROVED

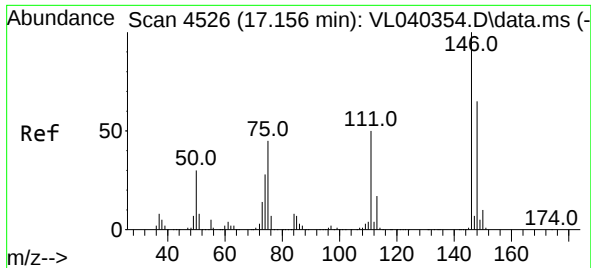
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#76
1,4-Dichlorobenzene
Concen: 11.075 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

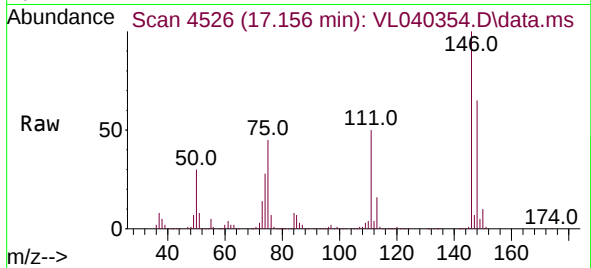
Tgt Ion:146 Resp: 1751631
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.2
148 64.8 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.627 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

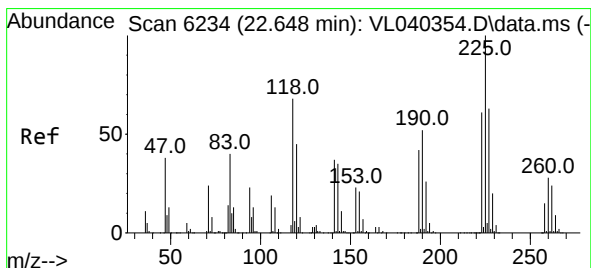
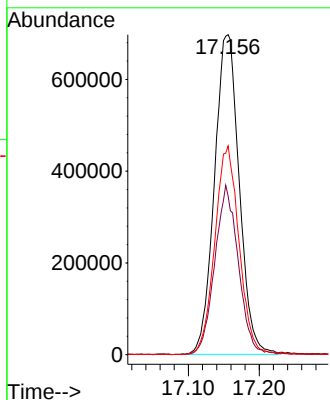
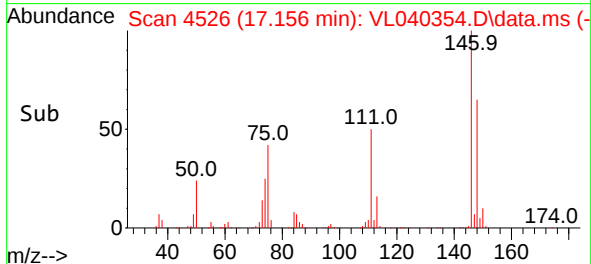
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



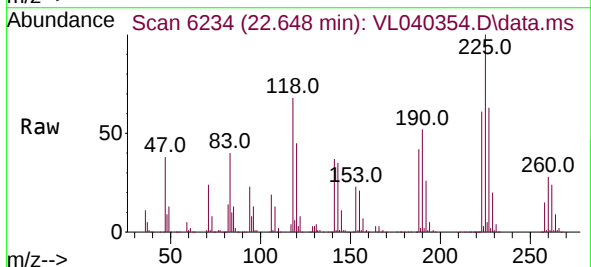
Tgt Ion:146 Resp: 169378
Ion Ratio Lower Upper
146 100
111 50.7 25.2 75.6
148 64.1 32.1 96.3

Manual Integrations
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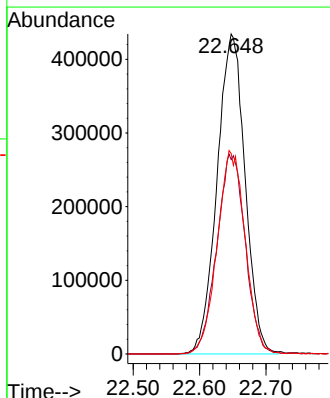
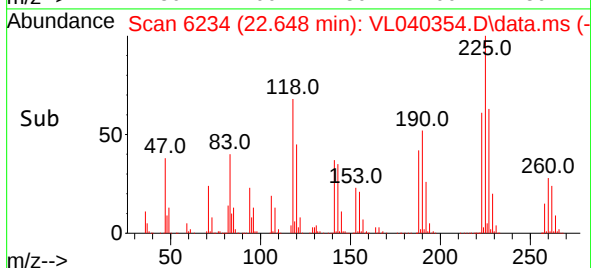
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

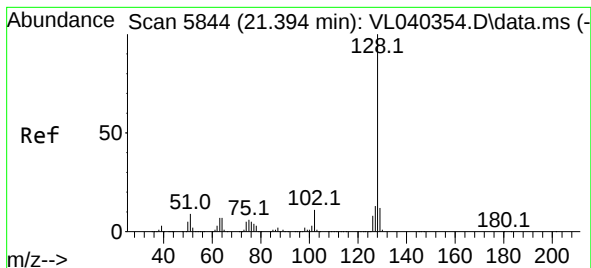


#78
Hexachloro-1,3-Butadiene
Concen: 10.911 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04



Tgt Ion:225 Resp: 1275349
Ion Ratio Lower Upper
225 100
223 63.4 51.0 76.6
227 63.7 51.4 77.2





#79

Naphthalene

Concen: 15.036 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. -0.003 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:128 Resp: 272323

Ion Ratio Lower Upper

128 100

127 12.5 9.6 14.4

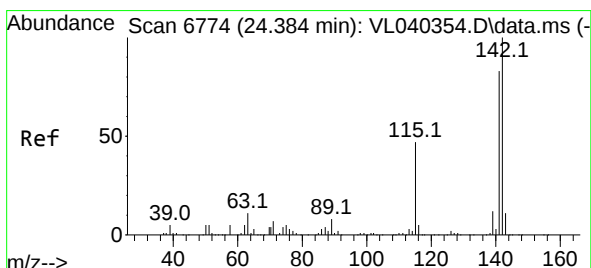
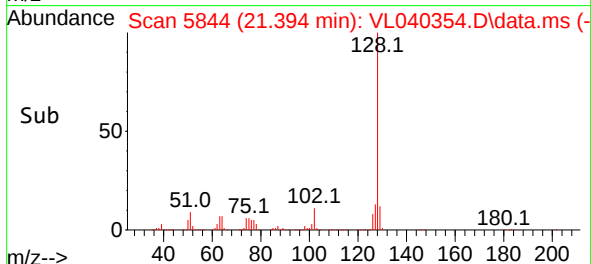
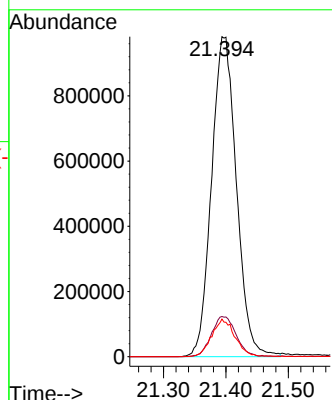
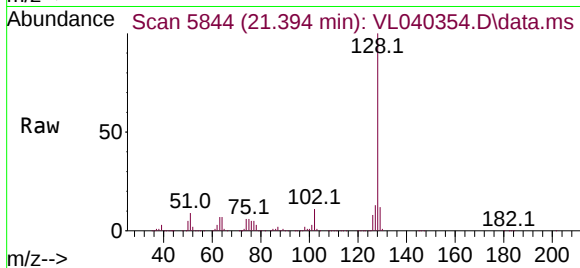
129 11.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#80

Naphthalene,2-methyl-

Concen: 18.450 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. -0.003 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

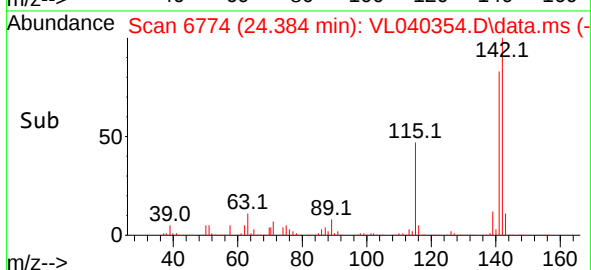
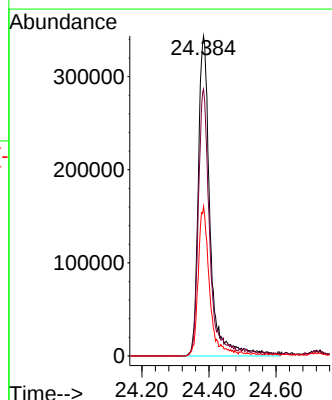
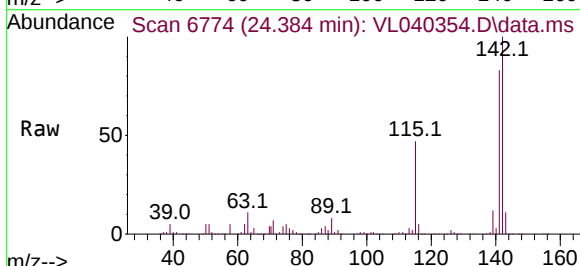
Tgt Ion:142 Resp: 846317

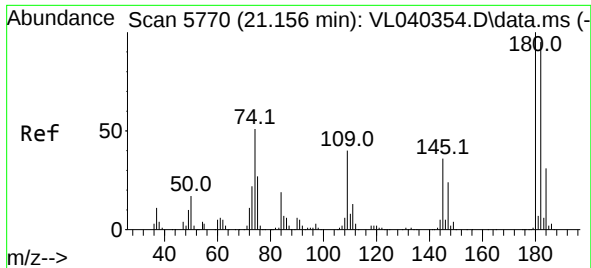
Ion Ratio Lower Upper

142 100

141 81.4 65.5 98.3

115 45.6 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 12.508 ppbv

RT: 21.156 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040354.D

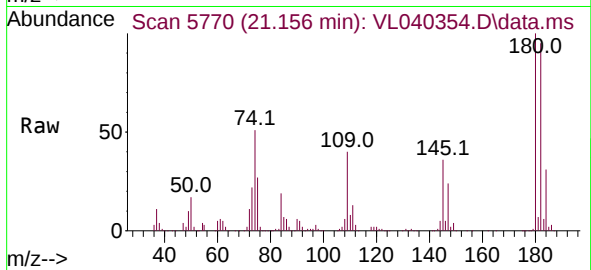
Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1395318

Ion Ratio Lower Upper

180 100

182 97.1 76.1 114.1

184 30.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023

