

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040263.D
 Acq On : 8 Mar 2023 20:43
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 04:16:37 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Mar 01 04:21:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	909376	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2257099	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.455	117	2094369m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1769213 10.273 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1384892	8.171	ppbv	97
3) Chlorodifluoromethane	2.664	51	1037733	9.553	ppbv	98
4) Chloromethane	2.803	50	655185	9.602	ppbv	93
5) Vinyl Chloride	2.912	62	553398	10.092	ppbv	97
6) Bromomethane	3.108	94	188836	9.541	ppbv	96
7) Chloroethane	3.189	64	207921	9.562	ppbv	98
8) Dichlorotetrafluoroethane	2.848	85	1430846	9.797	ppbv	100
9) Propene	2.684	41	416482	9.405	ppbv	98
10) Heptane	7.568	43	1078764	10.235	ppbv	100
11) Trichlorofluoromethane	3.552	101	1513613	9.953	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.053	101	1112574	9.917	ppbv	98
13) Ethanol	3.230	45	23763m	5.829	ppbv	
14) Bromoethene	3.356	108	453700	10.546	ppbv	98
15) Acetone	3.455	43	988760	9.031	ppbv	99
16) 1,3-Butadiene	2.973	39	506495	10.130	ppbv	99
17) tert-Butyl alcohol	3.867	59	994561	9.961	ppbv	100
18) 1,1-Dichloroethene	3.867	96	493092	10.116	ppbv	98
19) Isopropyl Alcohol	3.565	45	450373	8.654	ppbv	99
20) Methylene Chloride	3.922	84	412566	7.239	ppbv	94
21) Allyl Chloride	3.983	41	690308	10.280	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	509823	10.100	ppbv	88
23) Vinyl Acetate	4.613	43	326603	9.830	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1013486	9.758	ppbv	99
25) Ethyl Acetate	5.192	43	1961304	9.637	ppbv	99
26) Hexane	5.201	57	832261	9.525	ppbv	99
27) Carbon Disulfide	4.111	76	1232991	11.121	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	902812	9.644	ppbv	99
29) Chloroform	5.262	83	1453825	9.691	ppbv	100
30) Cyclohexane	6.590	84	717283	10.455	ppbv	97
31) cis-1,2-Dichloroethene	5.066	61	853895	10.286	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1475590	10.469	ppbv	100
34) 2-Butanone	4.774	43	1095995	9.844	ppbv	98
35) Carbon Tetrachloride	6.481	117	1523828	11.420	ppbv	98
36) Benzene	6.359	78	1761531	10.029	ppbv	97
37) 1,2-Dichloroethane	5.796	62	1139543	10.373	ppbv	98
38) Trichloroethene	7.282	130	1076157	11.119	ppbv	98
39) 1,2-Dichloropropane	7.063	63	684392	10.016	ppbv	98
40) 1,4-Dioxane	7.272	88	249748	9.137	ppbv	78
41) Tetrahydrofuran	5.545	42	664214	10.294	ppbv	99
42) Bromodichloromethane	7.237	83	1620185	10.685	ppbv	98
43) Methyl Methacrylate	7.462	69	710507	10.932	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	2964629	10.111	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	674184	11.694	ppbv	97

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 Data File : VL040263.D
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 04:16:37 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

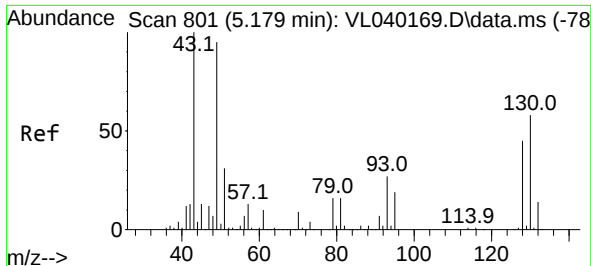
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Mar 01 04:21:39 2023

Response via : Initial Calibration

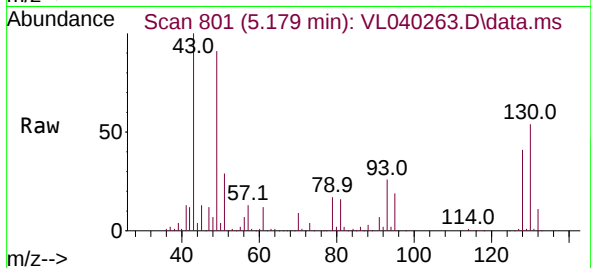
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	914119	11.381	ppbv	97
47) 1,1,2-Trichloroethane	8.886	97	752061	10.176	ppbv	100
48) Dibromochloromethane	9.700	129	1325286	11.211	ppbv	100
49) Bromoform	12.397	173	1048343	11.362	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	1861534	10.768	ppbv	99
51) 2-Hexanone	9.539	43	1433987	10.786	ppbv #	98
52) Tetrachloroethene	10.606	164	591665	10.787	ppbv	98
53) Toluene	9.208	91	2038020	10.833	ppbv	98
54) 1,2-Dibromoethane	9.995	107	852673	11.089	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	953264	10.843	ppbv	99
57) Chlorobenzene	11.516	112	1594136	10.418	ppbv	99
58) Ethyl Benzene	12.079	91	2844554	11.178	ppbv	97
59) m/p-Xylene	12.362	91	4973069m	22.065	ppbv	
60) o-Xylene	13.047	91	2395039	11.044	ppbv	99
61) Styrene	12.886	104	1334609	11.722	ppbv	99
62) Isopropylbenzene	14.018	105	3369477	10.824	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	801298	10.253	ppbv	99
64) n-propylbenzene	14.902	120	854011	11.085	ppbv	97
65) tert-Butylbenzene	16.082	119	2928258	10.822	ppbv	99
66) Benzyl Chloride	16.317	91	190395	10.574	ppbv	100
67) sec-Butylbenzene	16.622	105	4209675	10.848	ppbv	99
69) p-Isopropyltoluene	16.985	119	3304132	10.740	ppbv	99
70) n-Butylbenzene	17.876	91	3604688	10.795	ppbv	100
71) 2-Chlorotoluene	14.793	91	2605008	10.942	ppbv	99
72) 4-Ethyltoluene	15.182	105	2700422	11.264	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2414114	10.822	ppbv	100
74) 1,2,4-Trimethylbenzene	16.098	105	2648440	10.809	ppbv	98
75) 1,3-Dichlorobenzene	16.320	146	1410966	10.522	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1386619	10.552	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	1349978	10.135	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	839600	9.175	ppbv	99
79) Naphthalene	21.371	128	1618837	11.760	ppbv	100
80) Naphthalene,2-methyl-	24.368	142	346957	8.863	ppbv	98
81) 1,2,4-Trichlorobenzene	21.130	180	897824	10.423	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

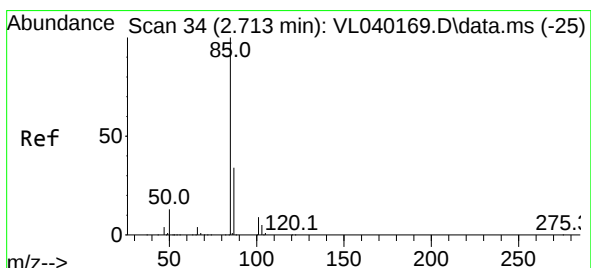
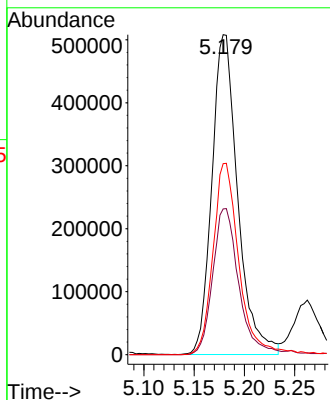
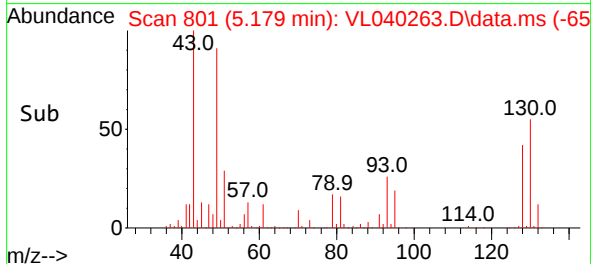
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



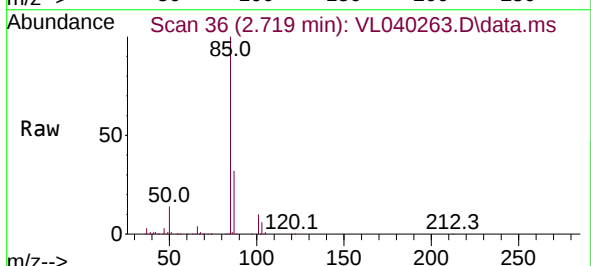
Tgt Ion: 49 Resp: 909370
Ion Ratio Lower Upper
49 100
128 47.1 24.1 72.3
130 60.7 30.9 92.8

Manual Integrations
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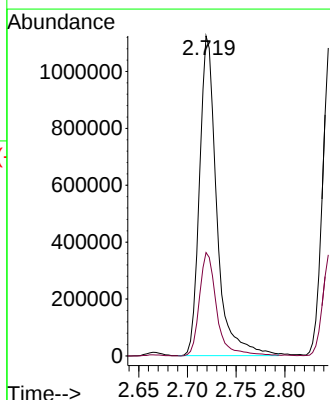
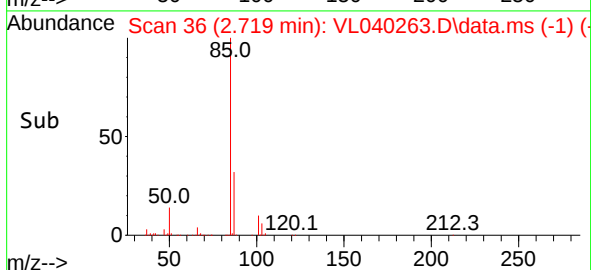
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

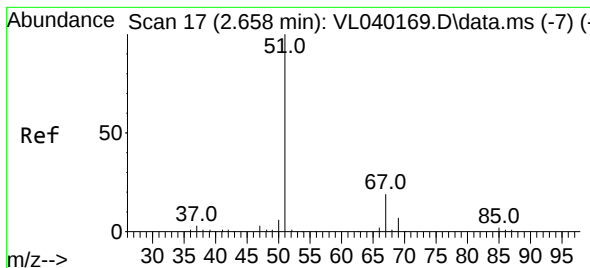


#2
Dichlorodifluoromethane
Concen: 8.171 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.006 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



Tgt Ion: 85 Resp: 1384892
Ion Ratio Lower Upper
85 100
87 32.3 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.553 ppbv

RT: 2.664 min Scan# 19

Delta R.T. -0.006 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 51 Resp: 103773

Ion Ratio Lower Upper

51 100

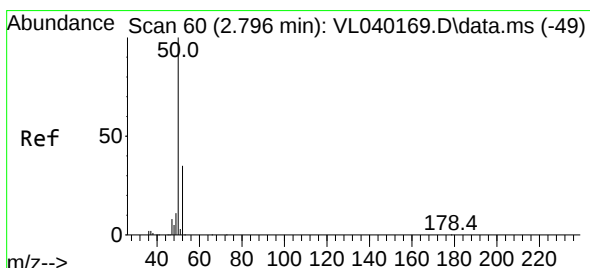
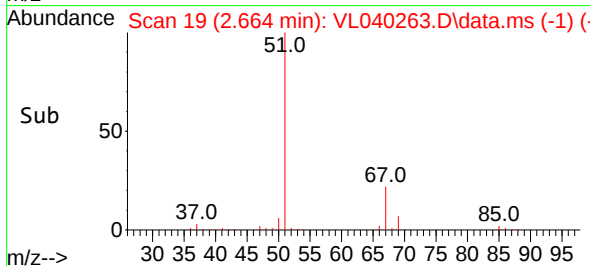
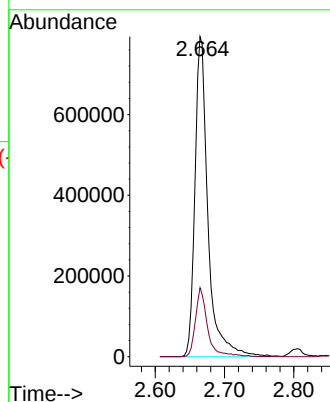
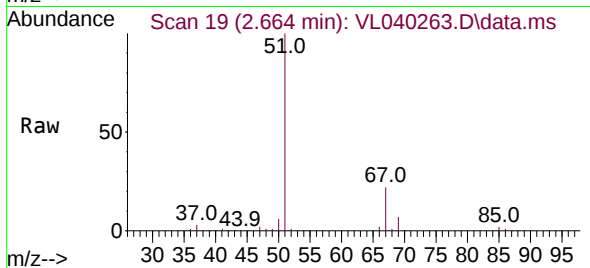
67 20.1 15.4 23.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#4

Chloromethane

Concen: 9.602 ppbv

RT: 2.803 min Scan# 62

Delta R.T. -0.010 min

Lab File: VL040263.D

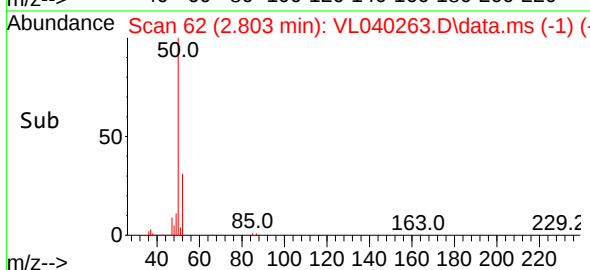
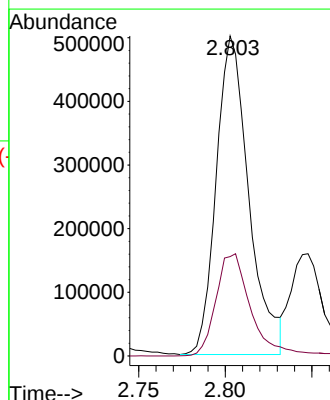
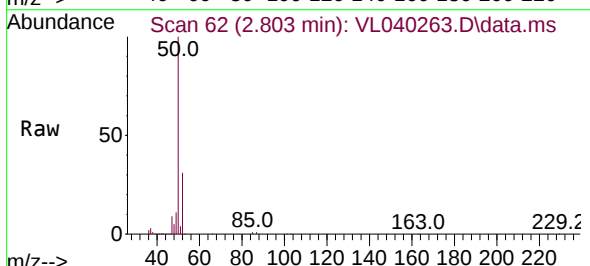
Acq: 8 Mar 2023 20:43

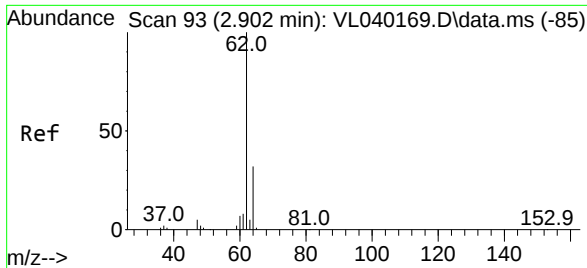
Tgt Ion: 50 Resp: 655185

Ion Ratio Lower Upper

50 100

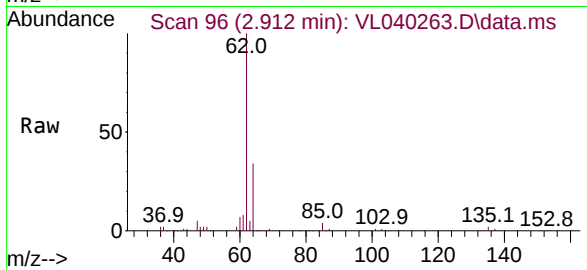
52 31.2 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.092 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

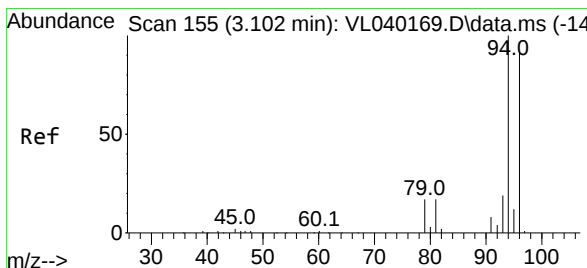
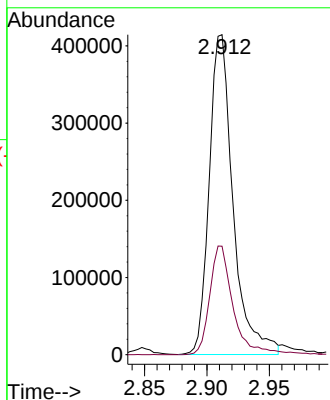
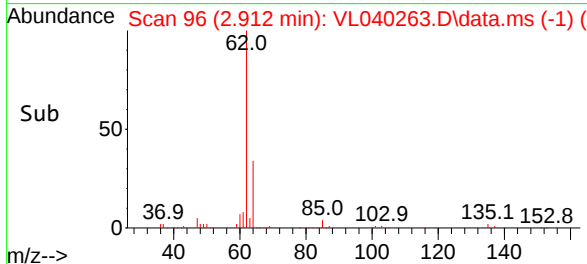
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 553398
 Ion Ratio Lower Upper
 62 100
 64 33.9 25.6 38.4

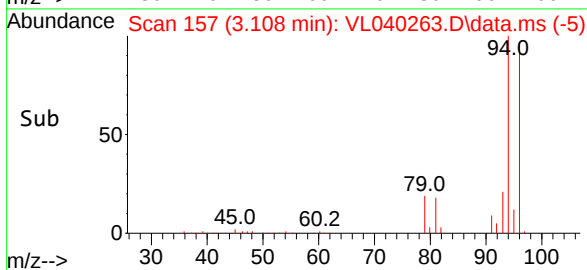
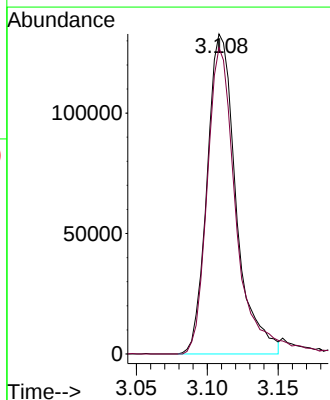
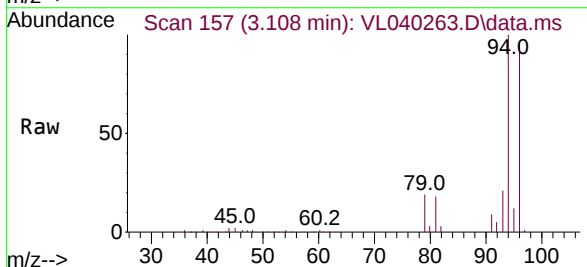
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#6
 Bromomethane
 Concen: 9.541 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

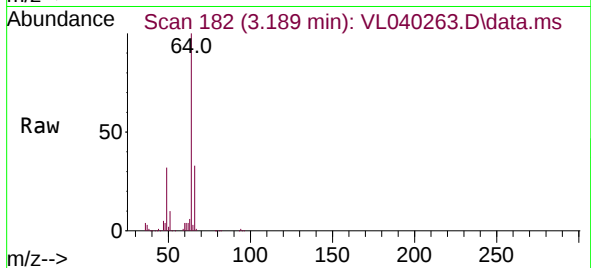
Tgt Ion: 94 Resp: 188836
 Ion Ratio Lower Upper
 94 100
 96 95.7 73.4 110.2





#7
Chloroethane
Concen: 9.562 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

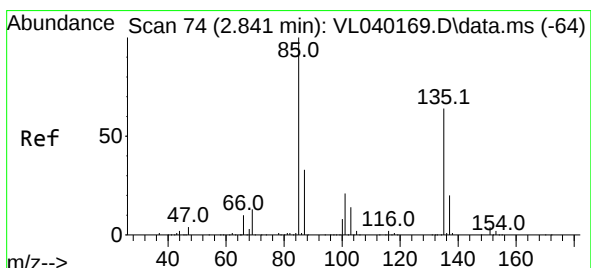
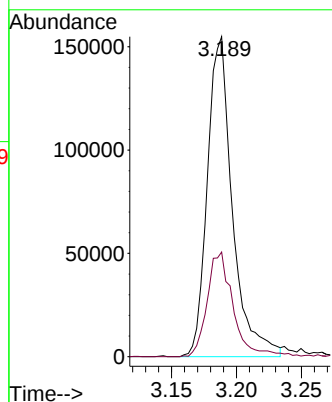
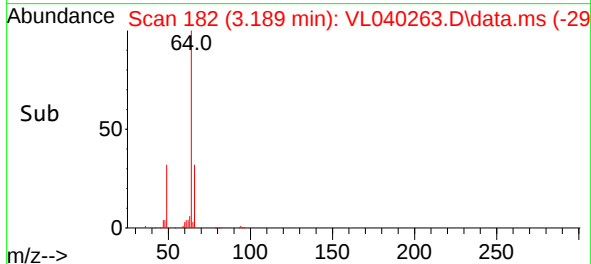
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 20792
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2

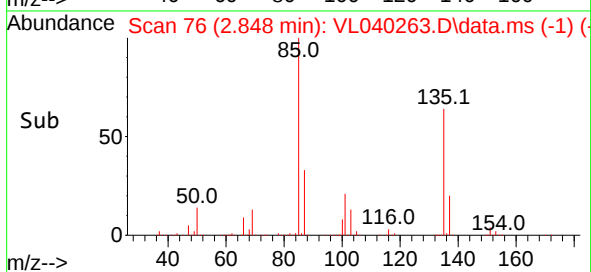
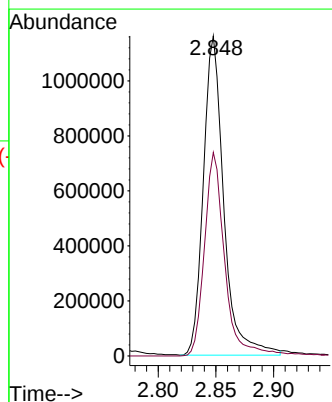
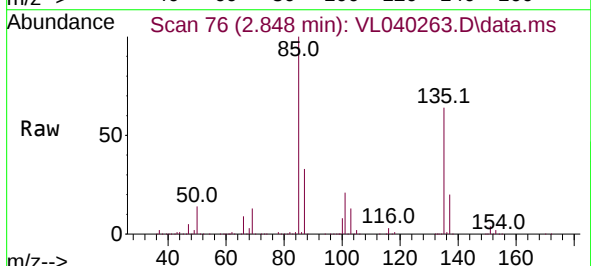
Manual Integrations
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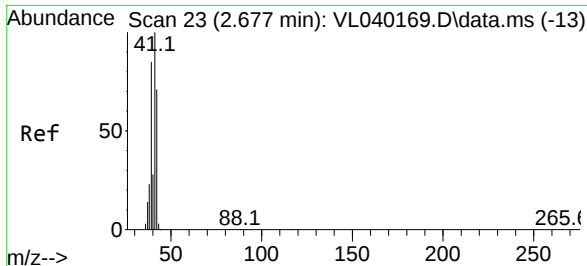
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#8
Dichlorotetrafluoroethane
Concen: 9.797 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.006 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 85 Resp: 1430846
Ion Ratio Lower Upper
85 100
135 64.2 51.5 77.3





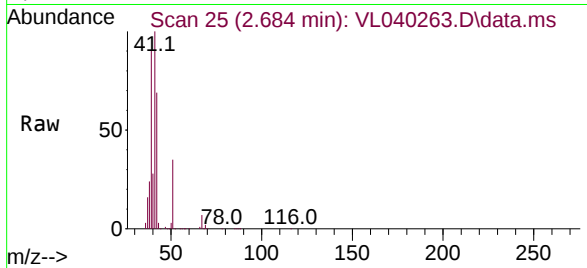
#9
 Propene
 Concen: 9.405 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

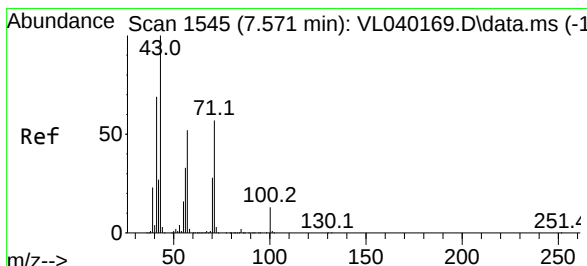
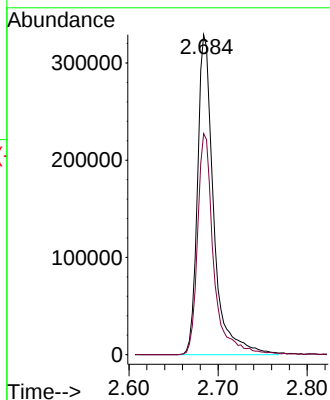
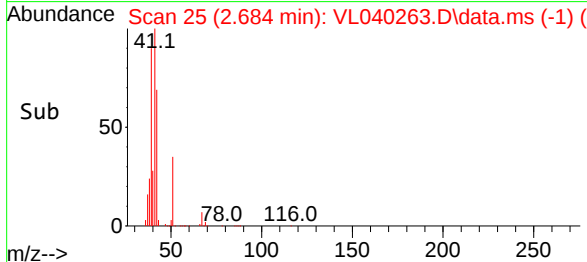


Tgt Ion: 41 Resp: 41648
 Ion Ratio Lower Upper
 41 100
 42 69.3 56.9 85.3

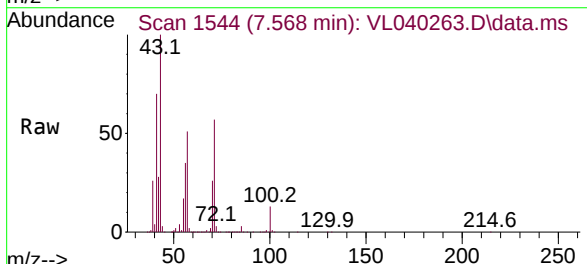
Manual Integrations

APPROVED

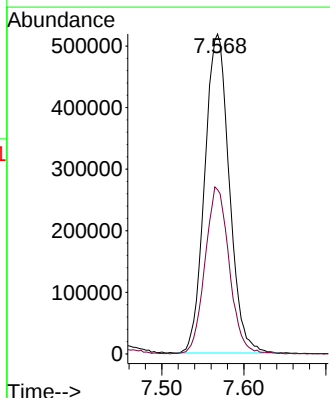
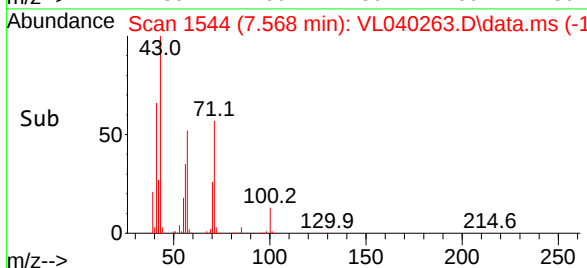
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 Supervised By :Mahesh Dadoda 03/09/2023

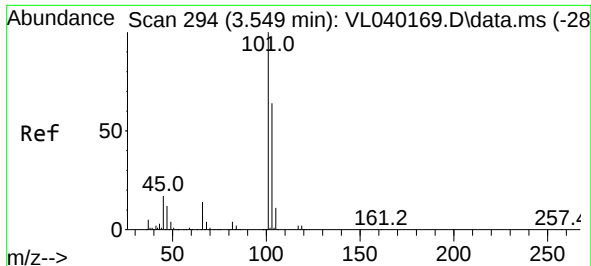


#10
 Heptane
 Concen: 10.235 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.026 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43



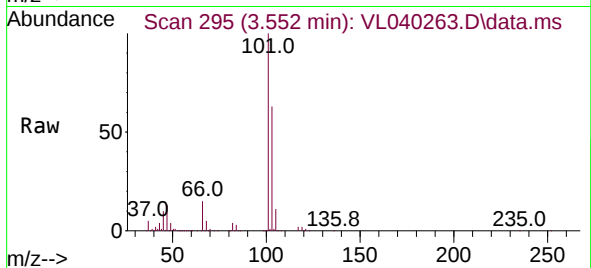
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 Ion Ratio Lower Upper
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 57 51.6 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.953 ppbv
RT: 3.552 min Scan# 294
Delta R.T. -0.013 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

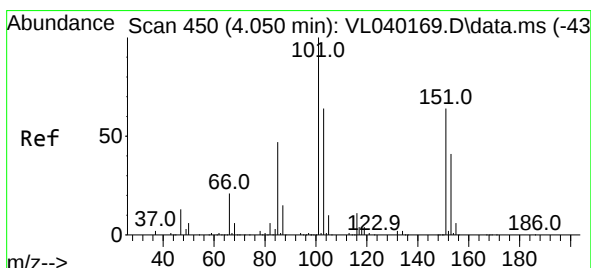
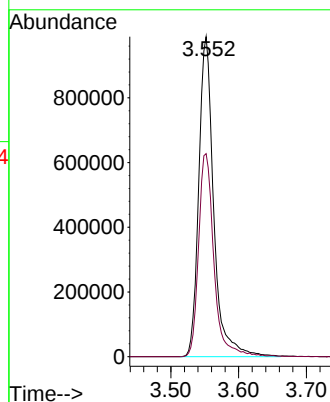
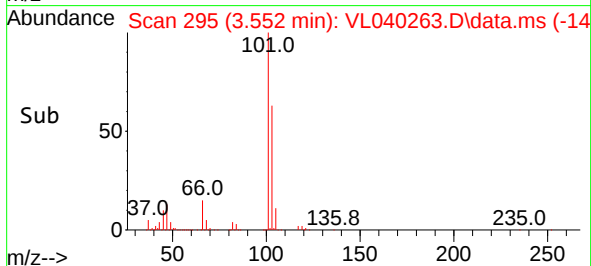
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



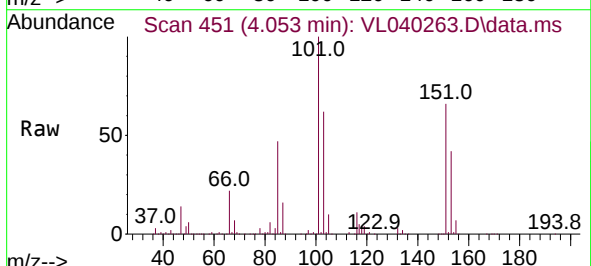
Tgt Ion:101 Resp: 151361
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.6

Manual Integrations
APPROVED

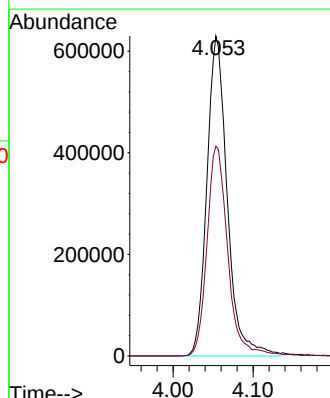
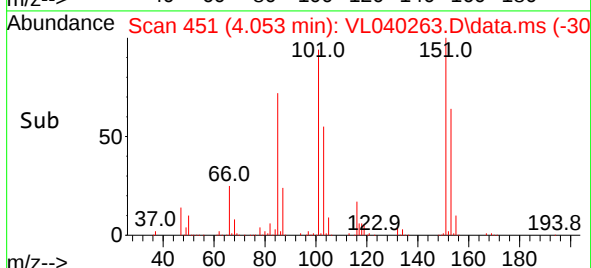
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

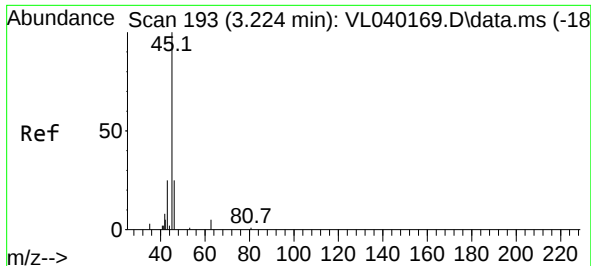


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.917 ppbv
RT: 4.053 min Scan# 451
Delta R.T. -0.016 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



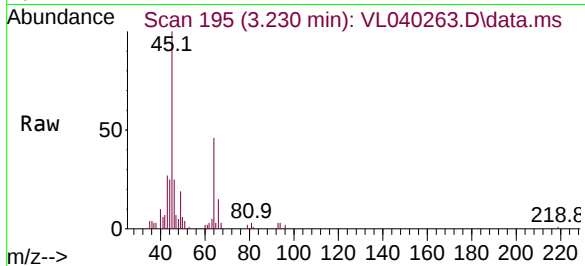
Tgt Ion:101 Resp: 1112574
Ion Ratio Lower Upper
101 100
151 67.1 54.7 82.1





#13
Ethanol
Concen: 5.829 ppbv m
RT: 3.230 min Scan# 195
Delta R.T. -0.016 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

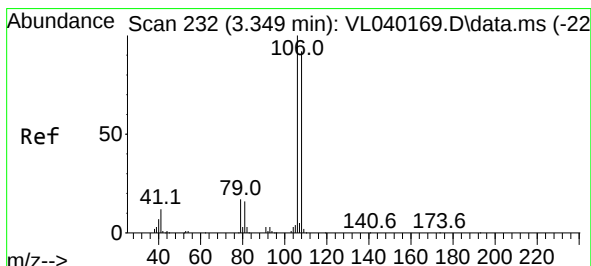
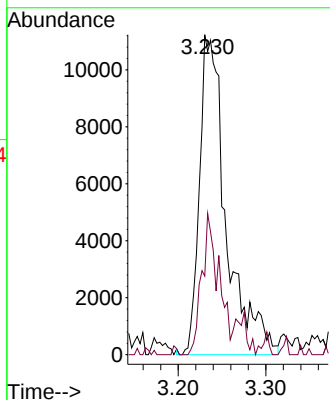
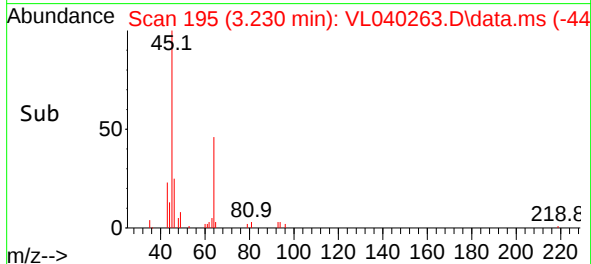
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



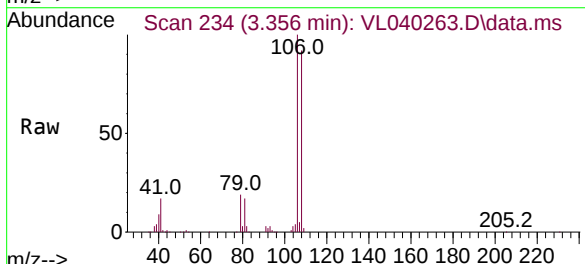
Tgt Ion: 45 Resp: 2376
Ion Ratio Lower Upper
45 100
46 35.7 13.3 53.1

Manual Integrations
APPROVED

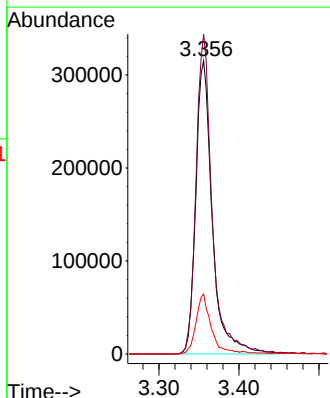
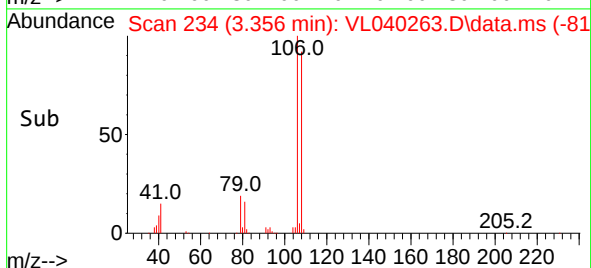
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

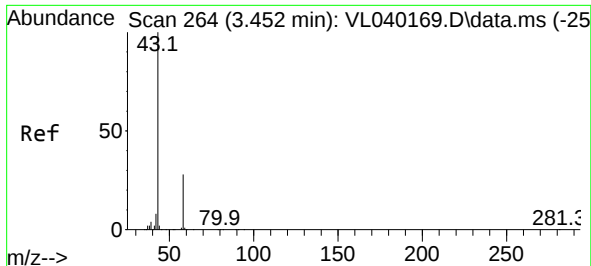


#14
Bromoethene
Concen: 10.546 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.010 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



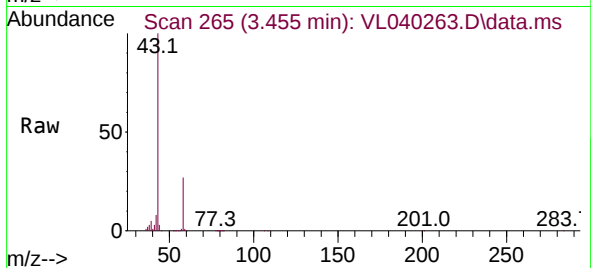
Tgt Ion:108 Resp: 453700
Ion Ratio Lower Upper
108 100
106 106.7 87.1 130.7
79 19.6 15.4 23.2





#15
Acetone
Concen: 9.031 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.013 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

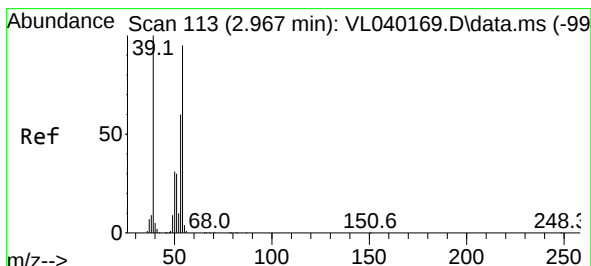
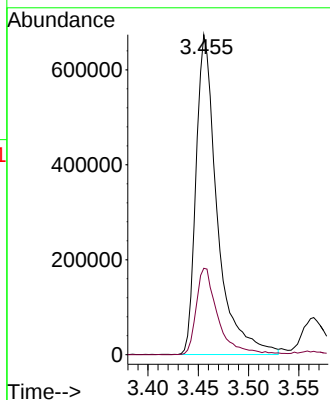
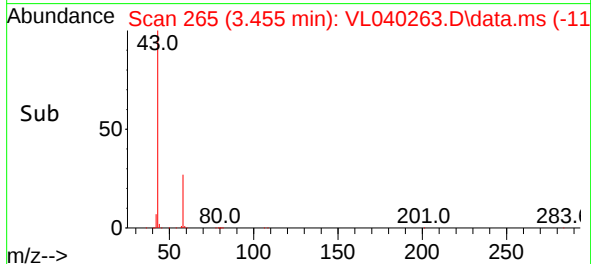
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



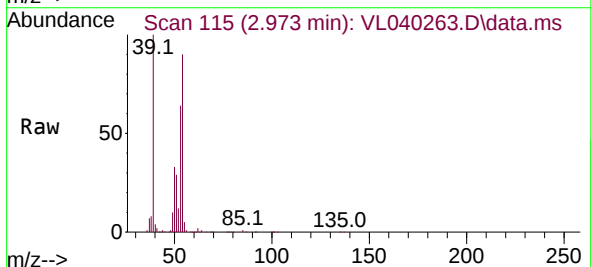
Tgt Ion: 43 Resp: 988760
Ion Ratio Lower Upper
43 100
58 27.7 22.4 33.6

Manual Integrations
APPROVED

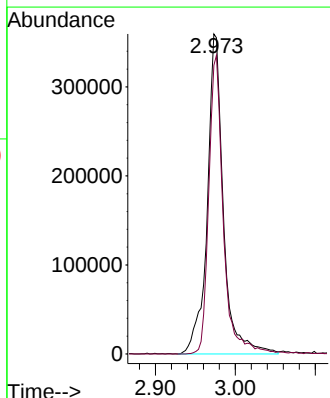
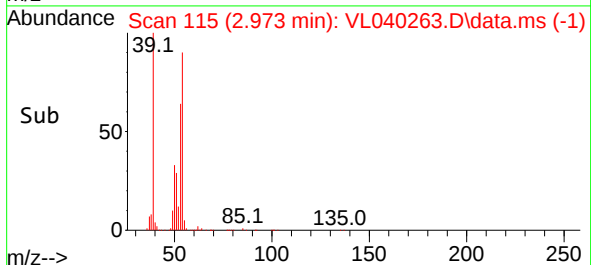
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

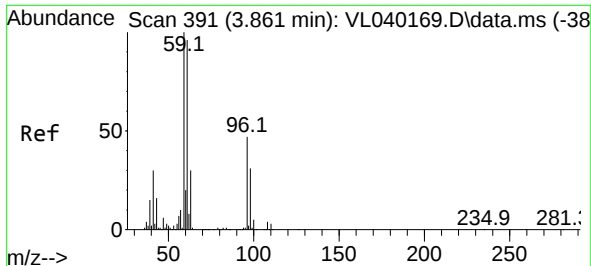


#16
1,3-Butadiene
Concen: 10.130 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.010 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



Tgt Ion: 39 Resp: 506495
Ion Ratio Lower Upper
39 100
54 84.6 66.7 100.1





#17

tert-Butyl alcohol

Concen: 9.961 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.013 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 99456

Ion Ratio Lower Upper

59 100

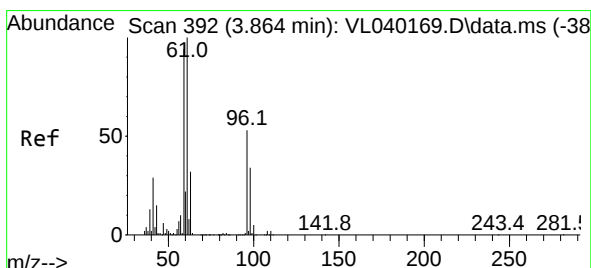
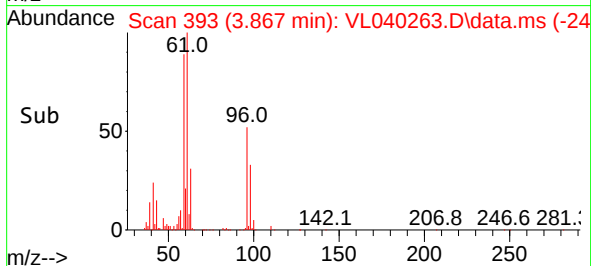
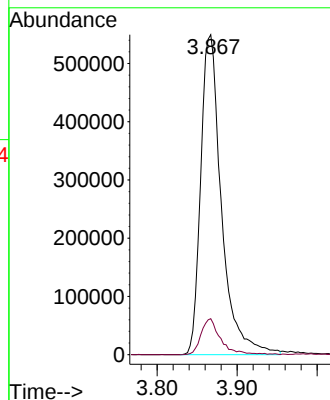
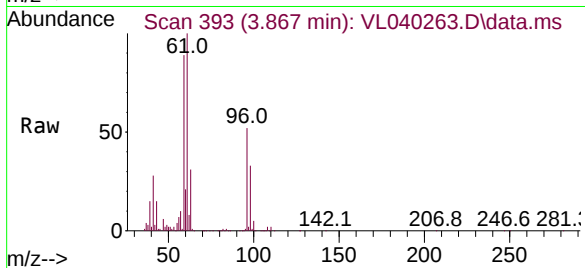
57 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#18

1,1-Dichloroethene

Concen: 10.116 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.016 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

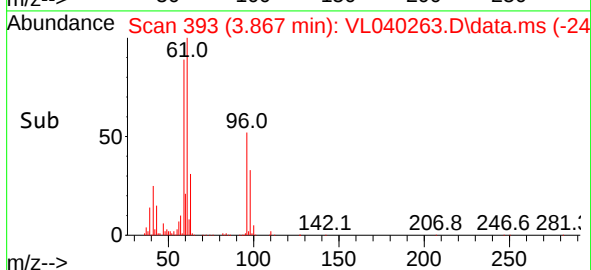
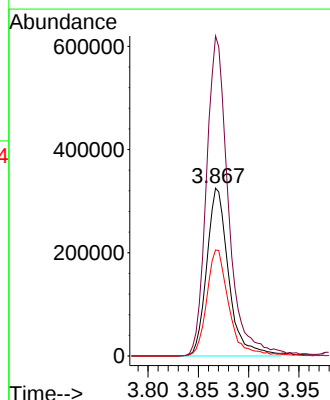
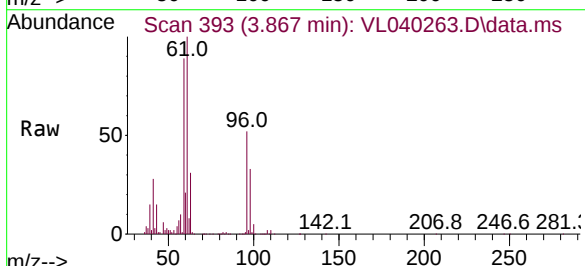
Tgt Ion: 96 Resp: 493092

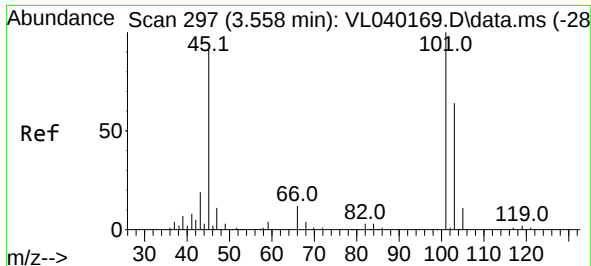
Ion Ratio Lower Upper

96 100

61 190.6 149.6 224.4

98 63.1 51.1 76.7





#19

Isopropyl Alcohol

Concen: 8.654 ppbv

RT: 3.565 min Scan# 297

Delta R.T. -0.010 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 45037

Ion Ratio Lower Upper

45 100

58 3.6

2.6

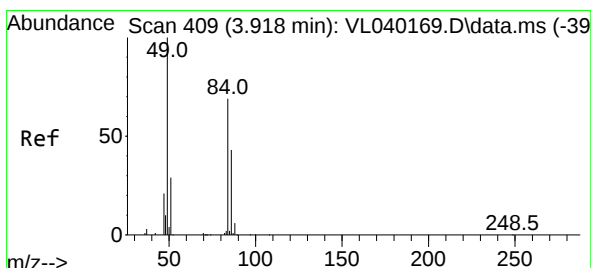
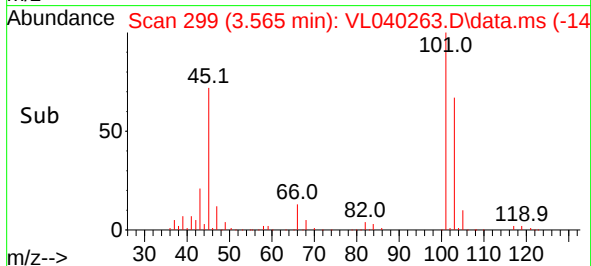
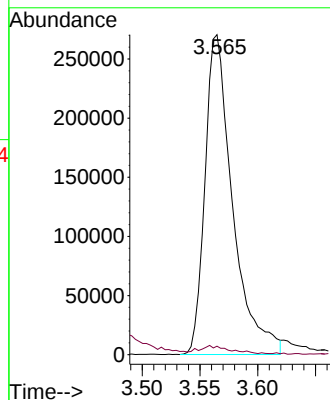
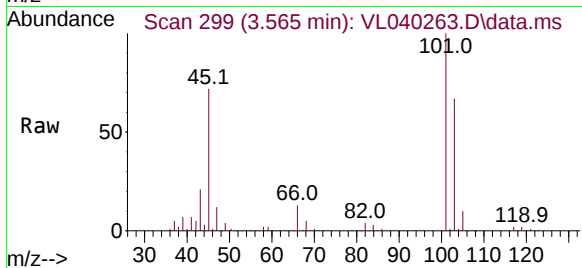
3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#20

Methylene Chloride

Concen: 7.239 ppbv

RT: 3.922 min Scan# 410

Delta R.T. -0.013 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Tgt Ion: 84 Resp: 412566

Ion Ratio Lower Upper

84 100

49 153.3

51 43.4

86 67.0

115.5

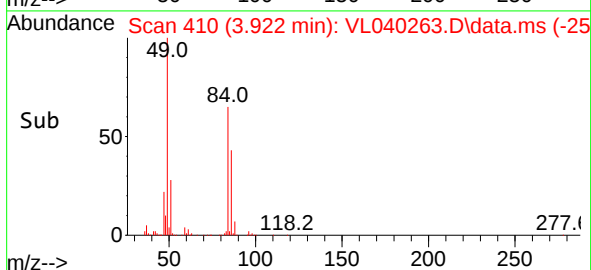
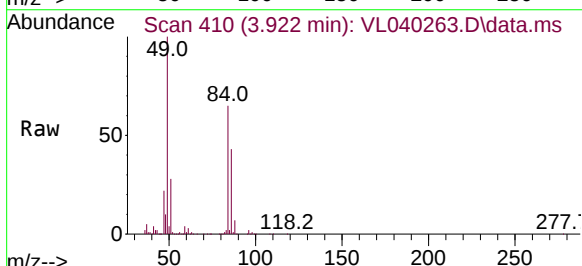
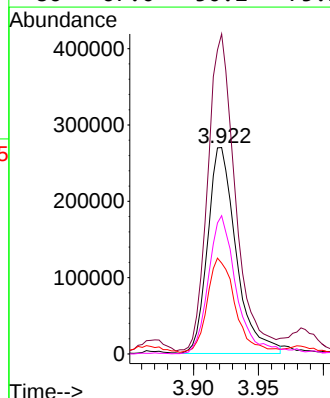
33.1

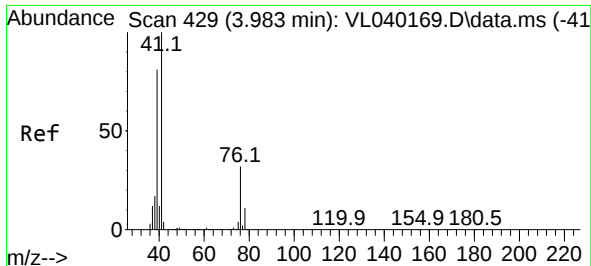
50.2

173.3

49.7

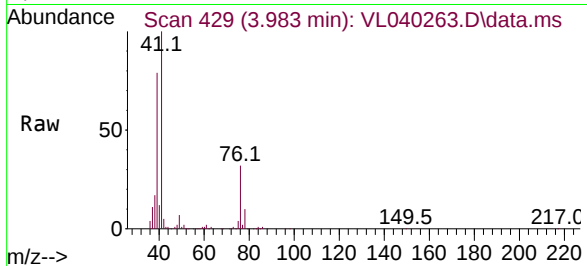
75.2





#21
 Allyl Chloride
 Concen: 10.280 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

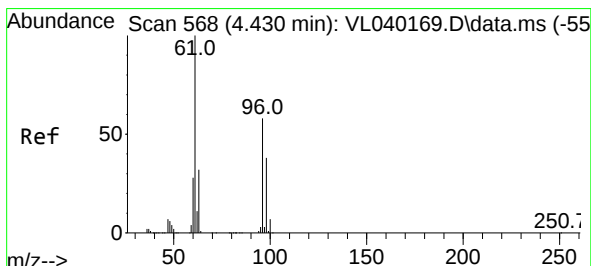
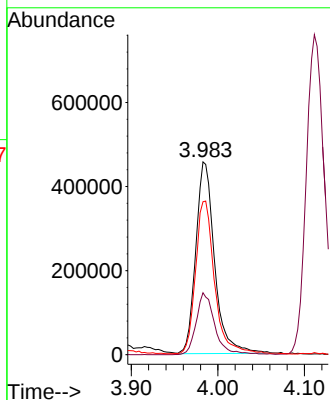
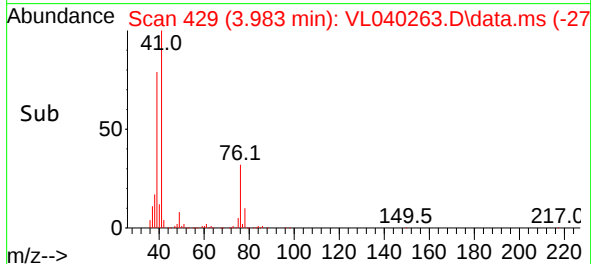
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 690308
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.5 38.3
 39 81.2 64.5 96.7

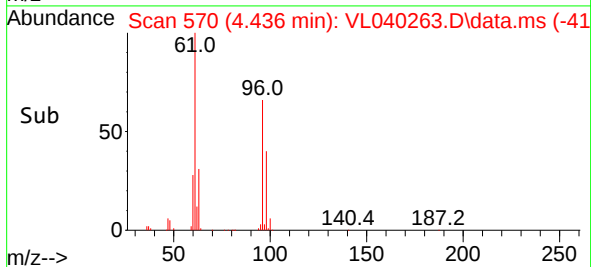
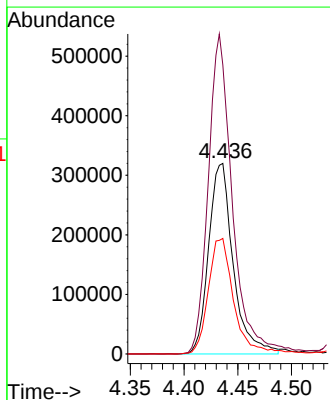
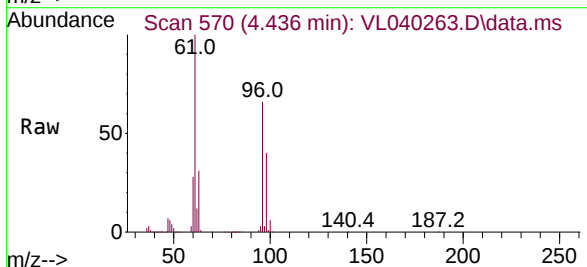
Manual Integrations
 APPROVED

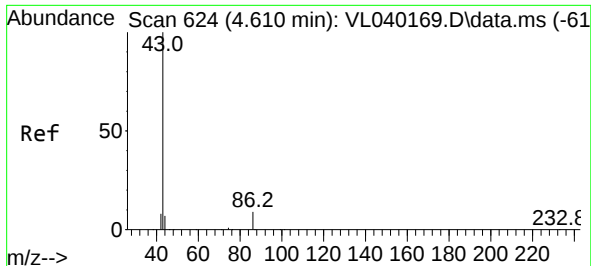
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.100 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.016 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

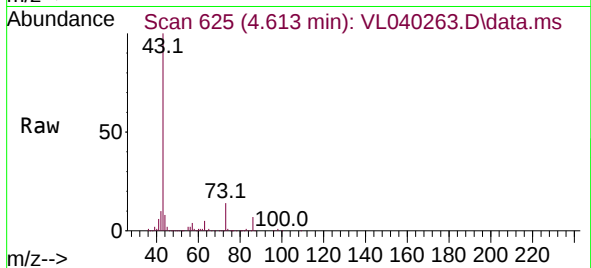
Tgt Ion: 96 Resp: 509823
 Ion Ratio Lower Upper
 96 100
 61 151.7 137.5 206.3
 98 60.6 52.8 79.2





#23
 Vinyl Acetate
 Concen: 9.830 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

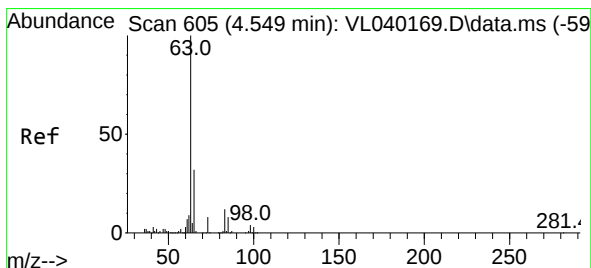
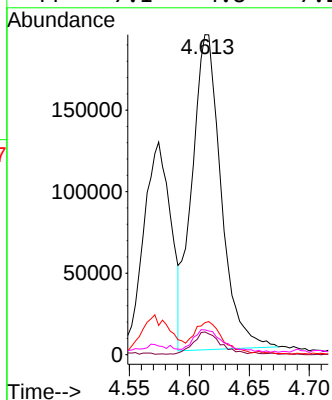
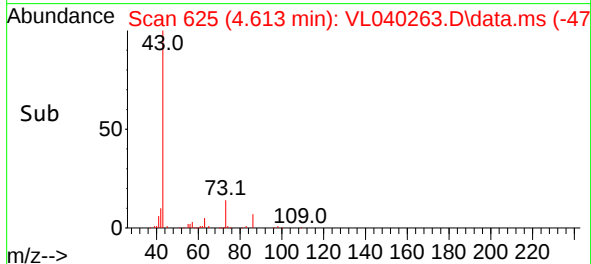
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



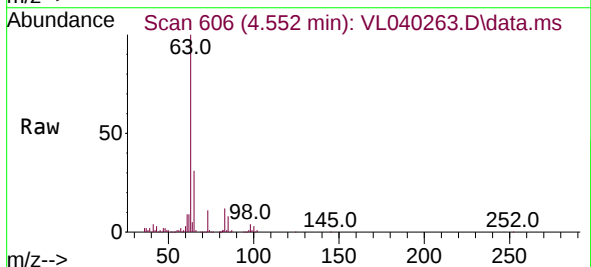
Tgt Ion: 43 Resp: 32660
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.6 8.4
 42 9.9 7.6 11.4
 44 7.1 4.8 7.2

Manual Integrations
 APPROVED

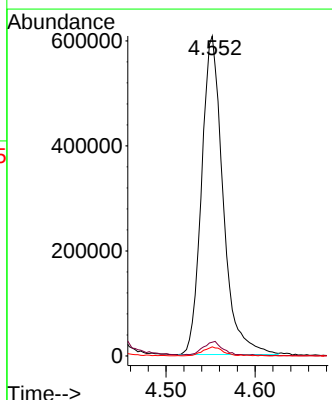
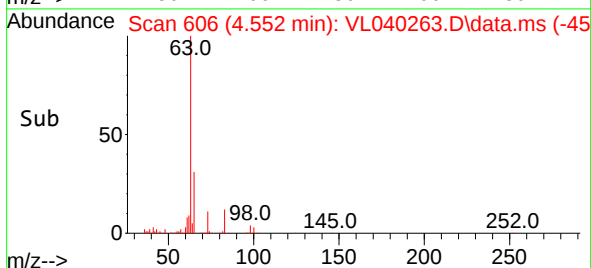
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

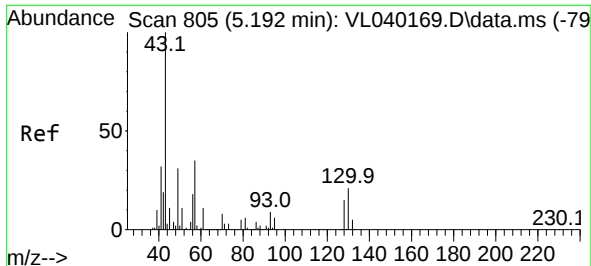


#24
 1,1-Dichloroethane
 Concen: 9.758 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.019 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43



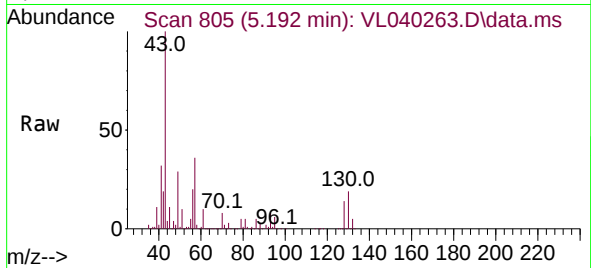
Tgt Ion: 63 Resp: 1013486
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.8
 100 2.8 1.4 4.0





#25
Ethyl Acetate
Concen: 9.637 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.019 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

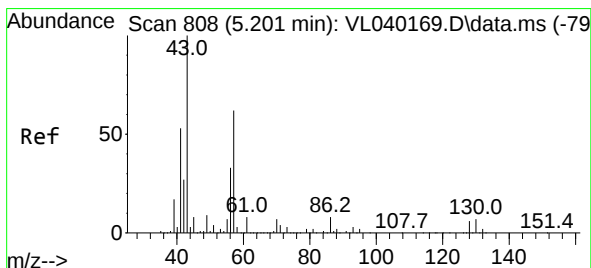
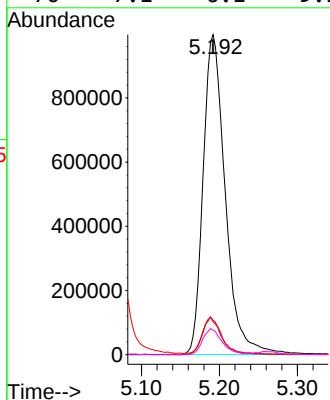
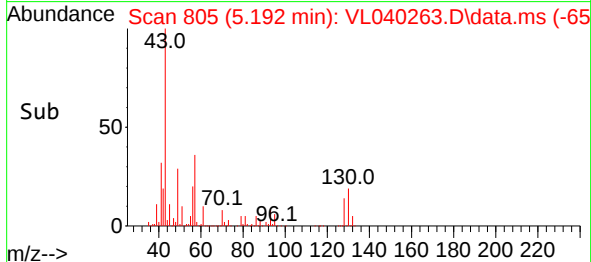
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



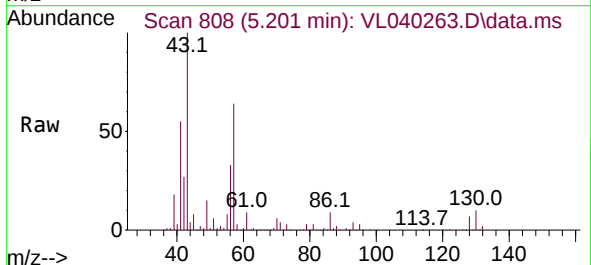
Tgt Ion: 43 Resp: 1961304
Ion Ratio Lower Upper
43 100
45 10.6 8.3 12.5
61 10.0 8.4 12.6
70 7.1 6.1 9.1

Manual Integrations
APPROVED

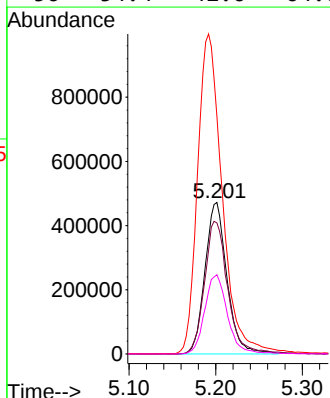
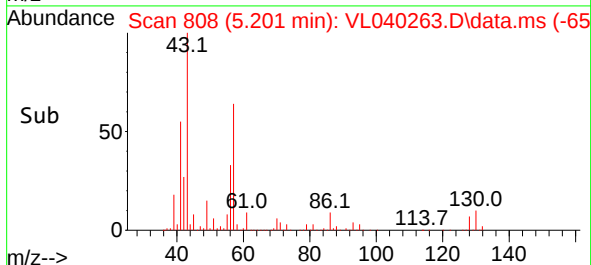
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

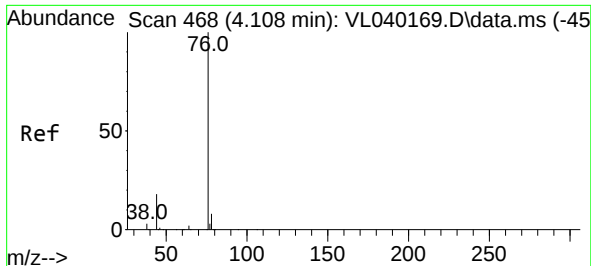


#26
Hexane
Concen: 9.525 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.023 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



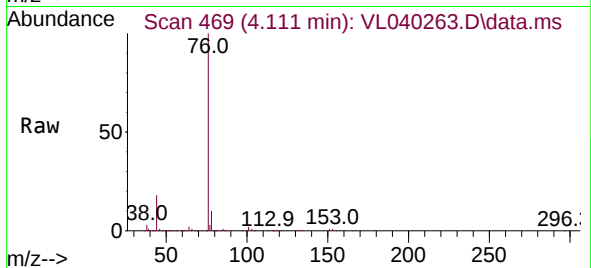
Tgt Ion: 57 Resp: 832261
Ion Ratio Lower Upper
57 100
41 93.0 74.3 111.5
43 238.1 193.0 289.4
56 54.4 42.6 64.0





#27
Carbon Disulfide
Concen: 11.121 ppbv
RT: 4.111 min Scan# 469
Delta R.T. -0.016 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

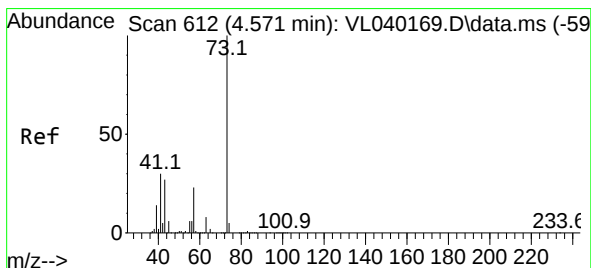
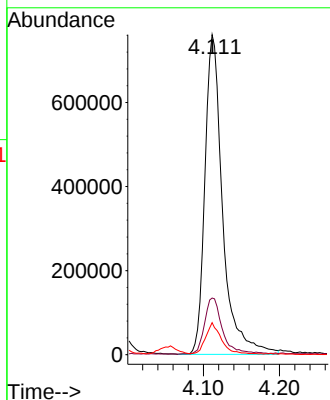
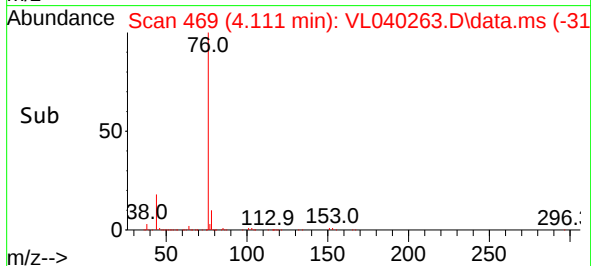
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 123299
Ion Ratio Lower Upper
76 100
44 18.2 15.3 22.9
78 9.5 7.7 11.5

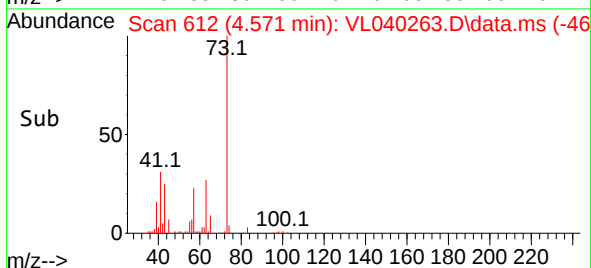
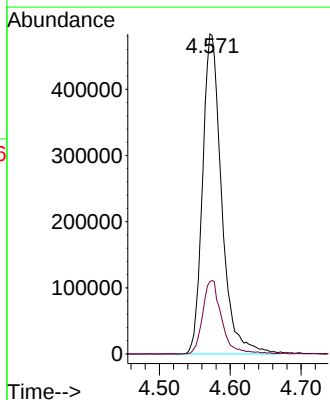
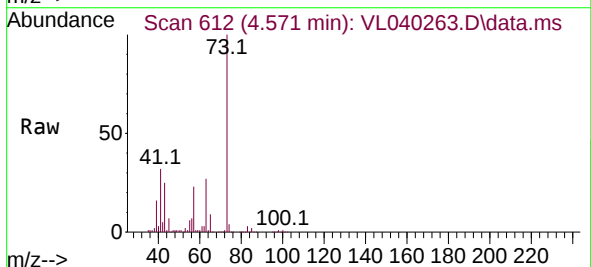
Manual Integrations
APPROVED

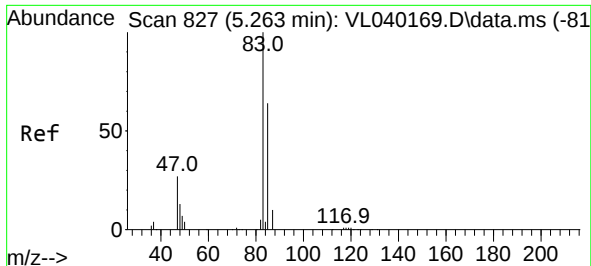
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#28
Methyl tert-Butyl Ether
Concen: 9.644 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.019 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 73 Resp: 902812
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





#29

Chloroform

Concen: 9.691 ppbv

RT: 5.262 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 145382

Ion Ratio Lower Upper

83 100

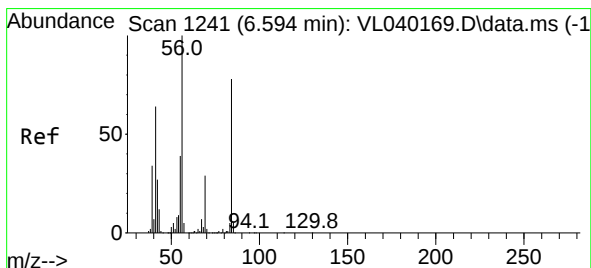
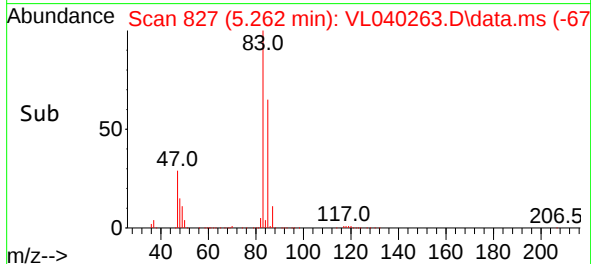
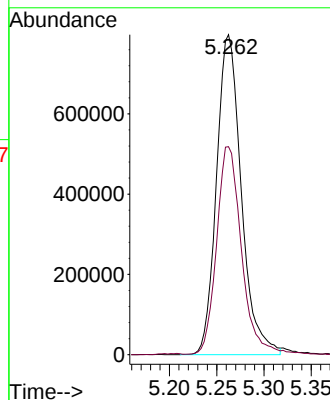
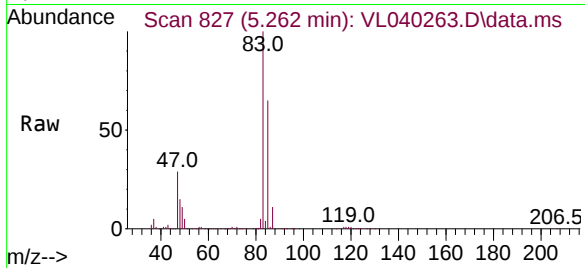
85 64.7 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#30

Cyclohexane

Concen: 10.455 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.026 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

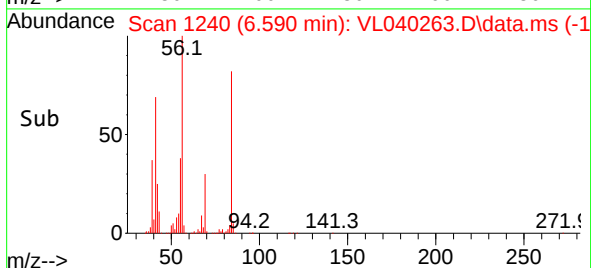
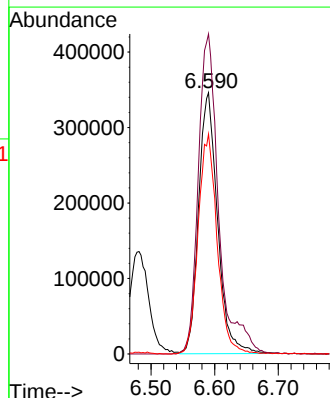
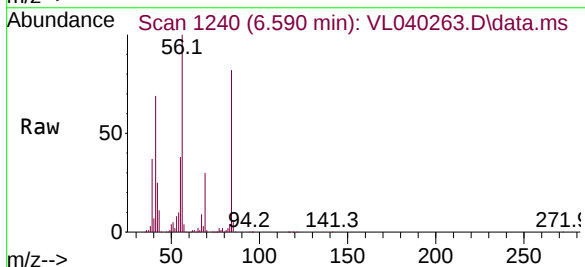
Tgt Ion: 84 Resp: 717283

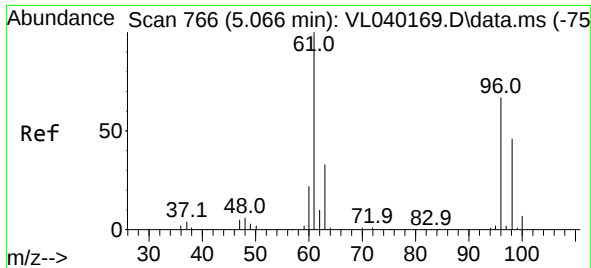
Ion Ratio Lower Upper

84 100

56 131.8 109.9 164.9

41 84.6 67.8 101.6





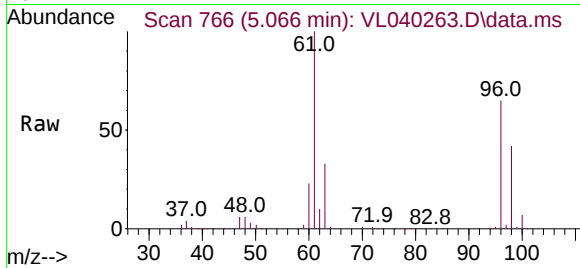
#31
 cis-1,2-Dichloroethene
 Concen: 10.286 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.019 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

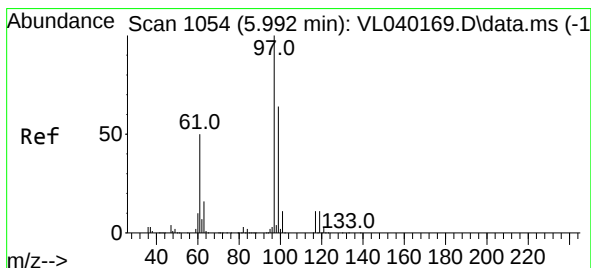
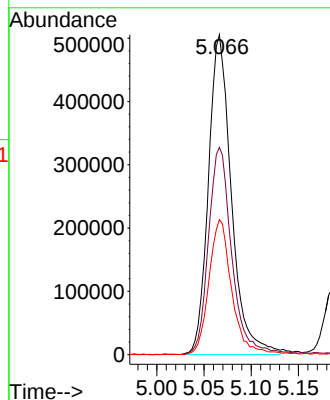
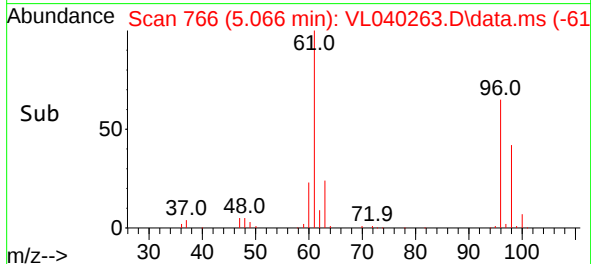


Tgt Ion: 61 Resp: 85389
 Ion Ratio Lower Upper
 61 100
 96 64.8 53.7 80.5
 98 42.2 36.4 54.6

Manual Integrations

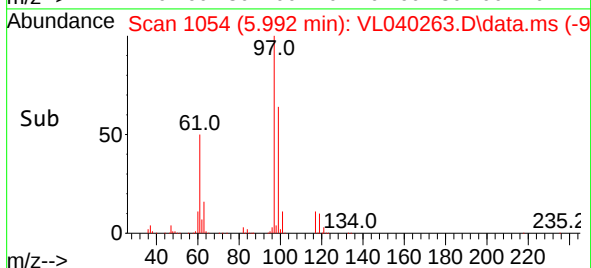
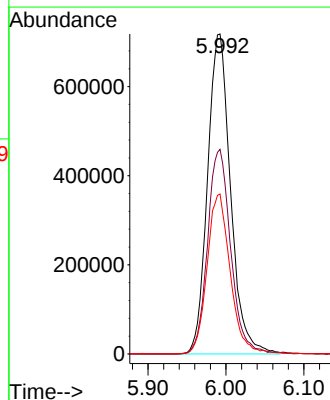
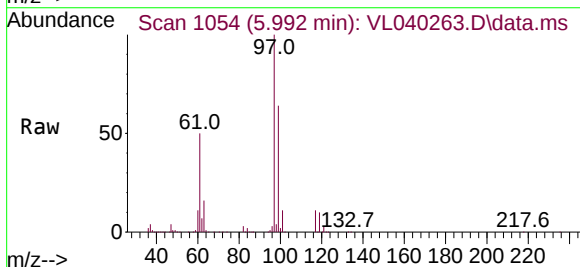
APPROVED

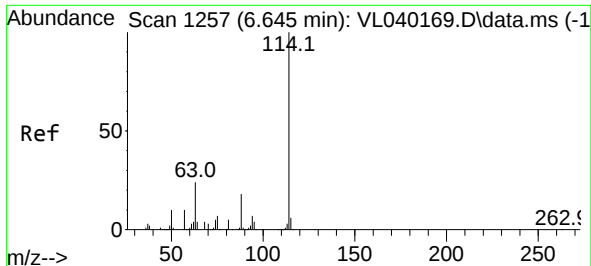
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.469 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.023 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Tgt Ion: 97 Resp: 1475590
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.5 77.3
 61 50.4 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.023 min

Lab File: VL040263.D

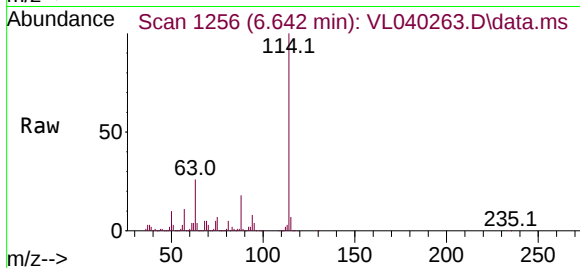
Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:114 Resp: 2257099

Ion Ratio Lower Upper

114 100

63 26.5 20.4 30.6

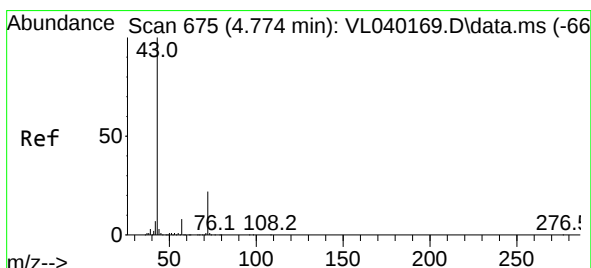
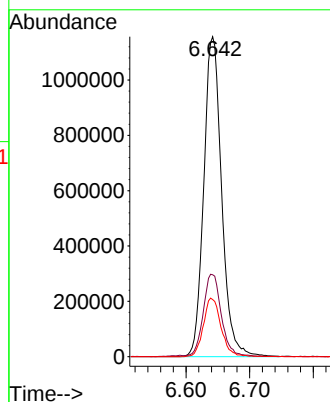
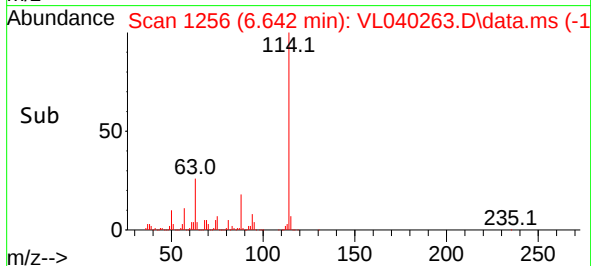
88 18.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#34

2-Butanone

Concen: 9.844 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.019 min

Lab File: VL040263.D

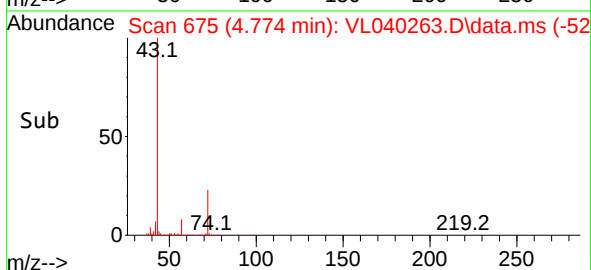
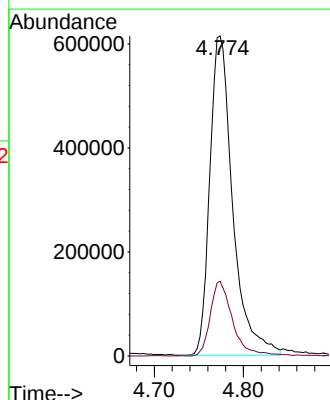
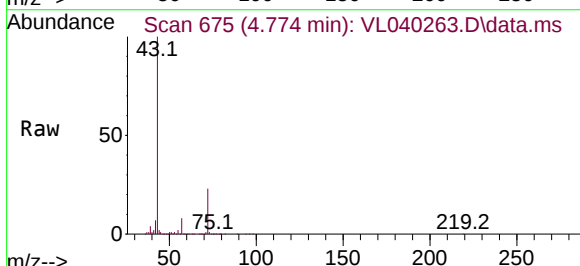
Acq: 8 Mar 2023 20:43

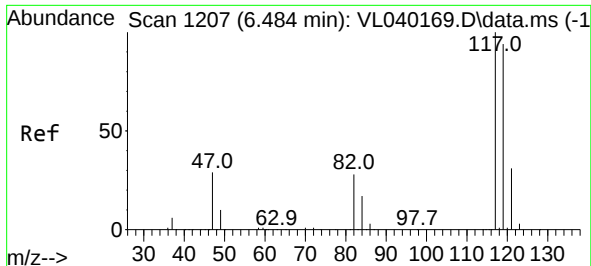
Tgt Ion: 43 Resp: 1095995

Ion Ratio Lower Upper

43 100

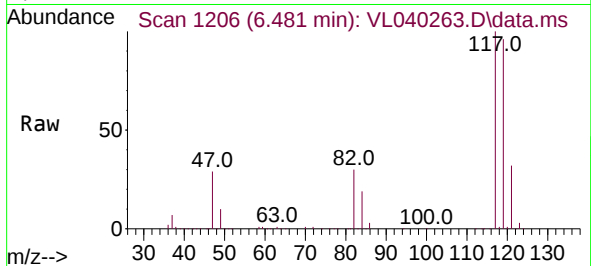
72 23.2 17.8 26.8





#35
Carbon Tetrachloride
Concen: 11.420 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

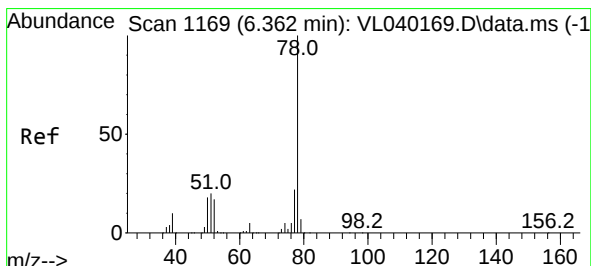
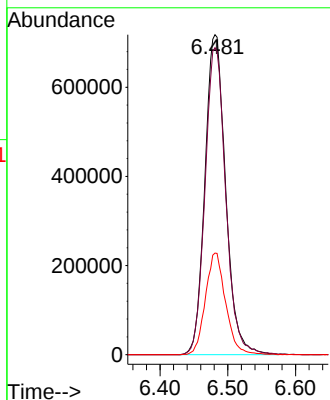
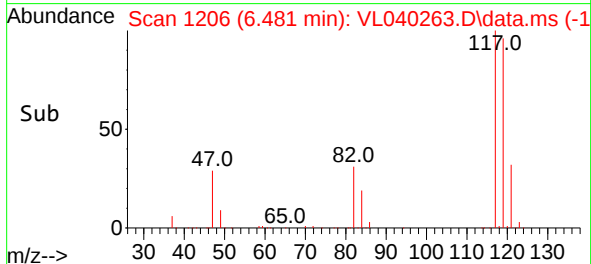
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 1523828
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
121 31.8 25.0 37.4

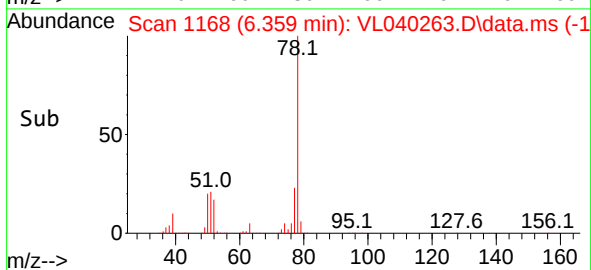
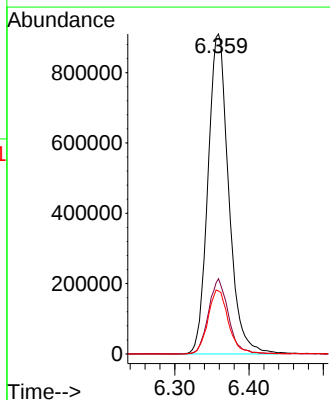
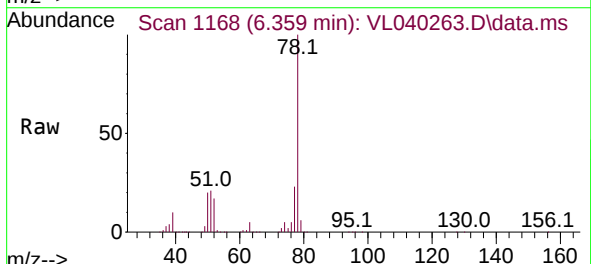
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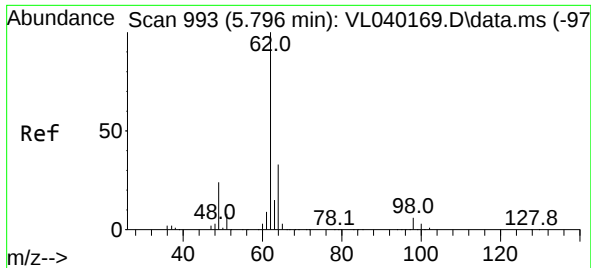
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#36
Benzene
Concen: 10.029 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

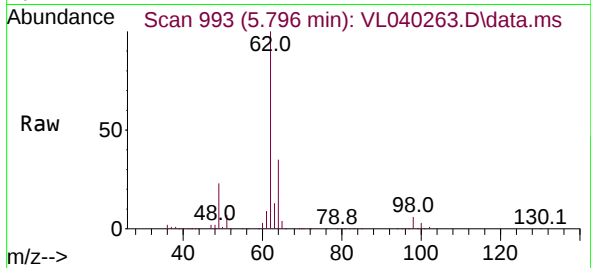
Tgt Ion: 78 Resp: 1761531
Ion Ratio Lower Upper
78 100
77 23.5 17.5 26.3
50 19.6 14.6 22.0





#37
1,2-Dichloroethane
Concen: 10.373 ppbv
RT: 5.796 min Scan# 993
Delta R.T. -0.023 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

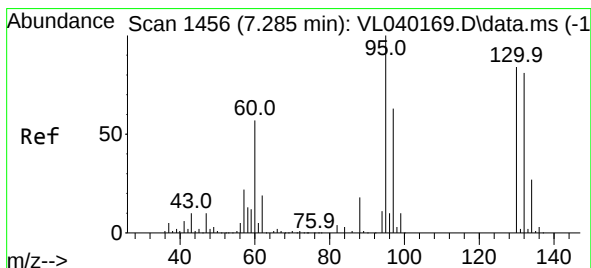
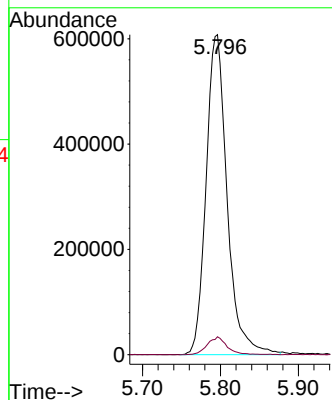
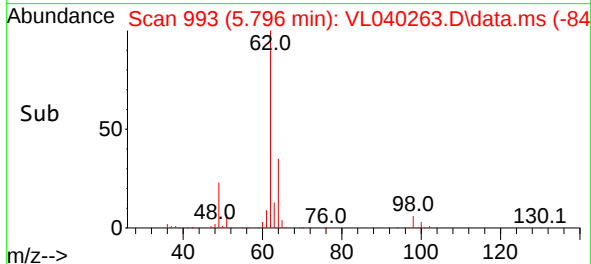
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



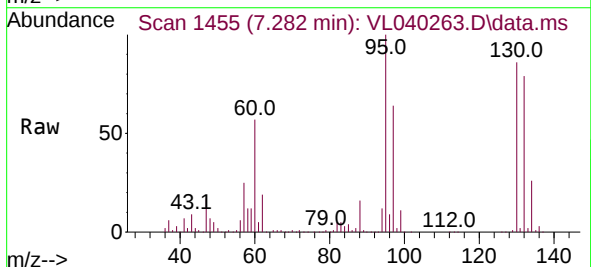
Tgt Ion: 62 Resp: 113954
Ion Ratio Lower Upper
62 100
98 5.3 4.7 7.1

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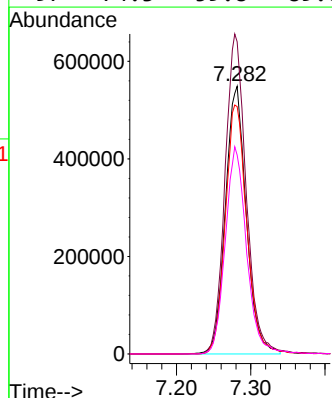
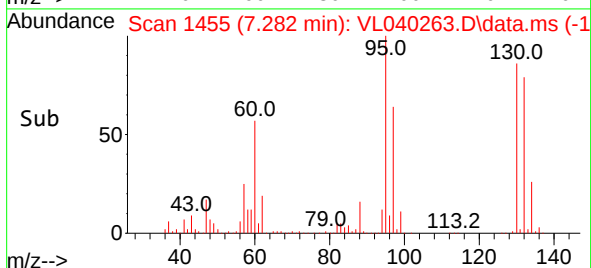
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

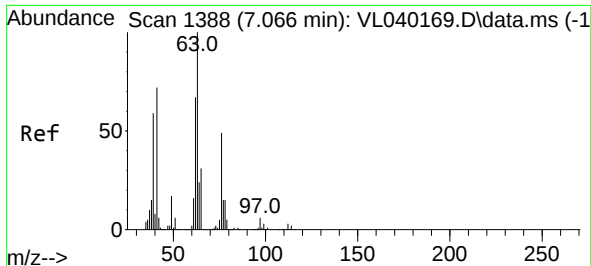


#38
Trichloroethene
Concen: 11.119 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



Tgt Ion:130 Resp: 1076157
Ion Ratio Lower Upper
130 100
95 116.6 94.7 142.1
132 92.4 76.4 114.6
97 74.3 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.016 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

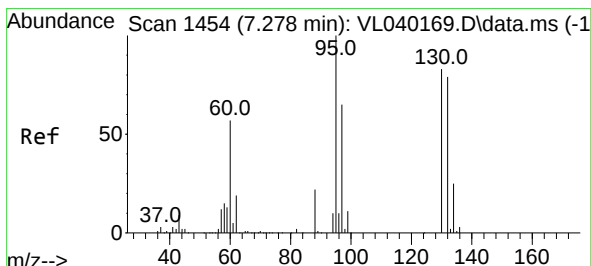
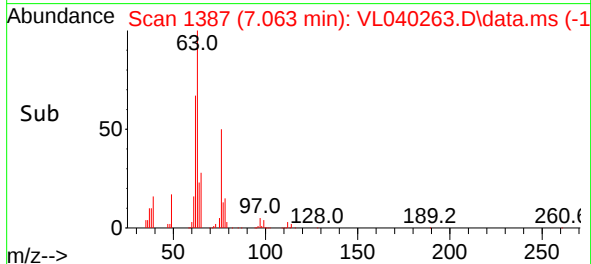
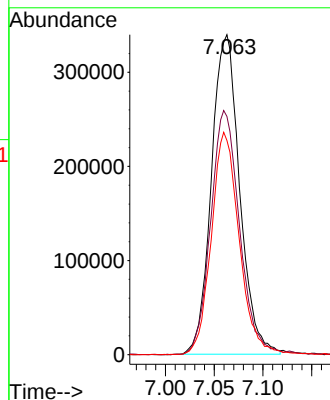
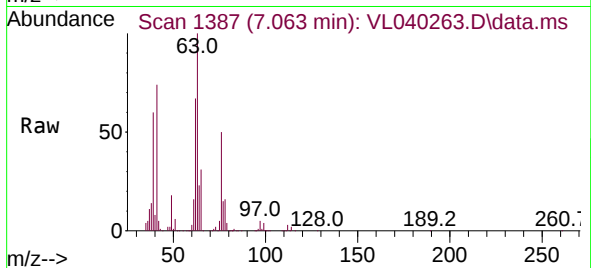
Tgt Ion: 63 Resp: 684392

Ion	Ratio	Lower	Upper
63	100		
41	74.4	57.6	86.4
62	66.8	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#40

1,4-Dioxane

Concen: 9.137 ppbv

RT: 7.272 min Scan# 1452

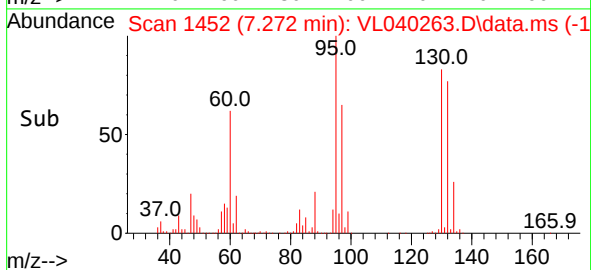
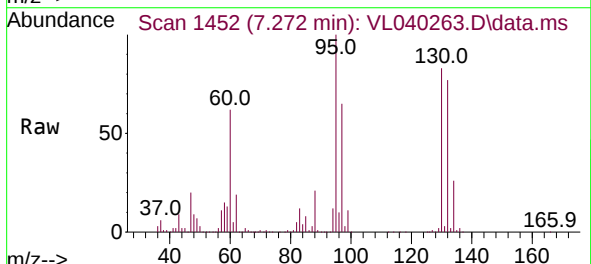
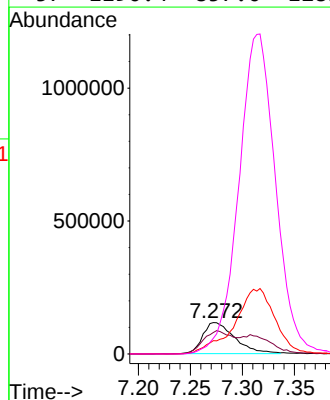
Delta R.T. -0.029 min

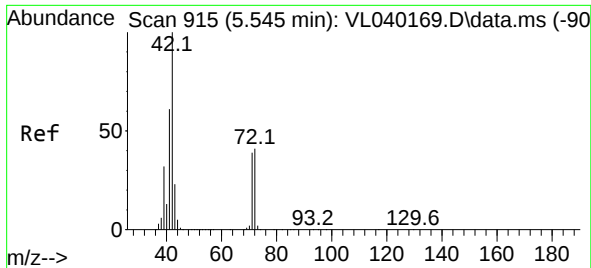
Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Tgt Ion: 88 Resp: 249748

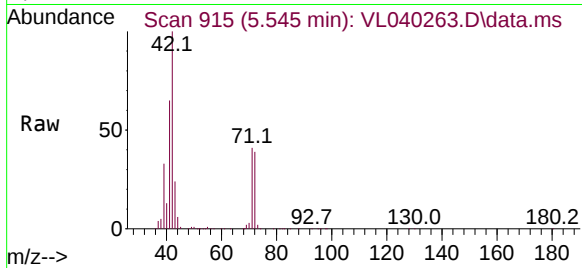
Ion	Ratio	Lower	Upper
88	100		
58	128.3	97.4	146.0
43	268.2	193.5	290.3
57	1190.4	857.0	1285.6





#41
Tetrahydrofuran
Concen: 10.294 ppbv
RT: 5.545 min Scan# 915
Delta R.T. -0.023 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

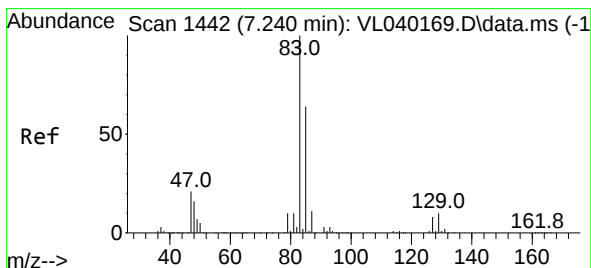
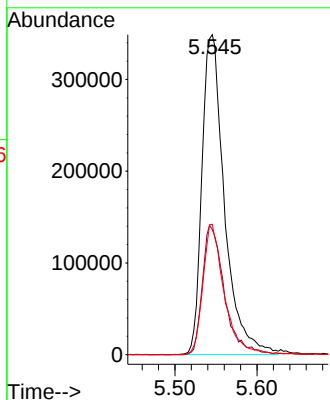
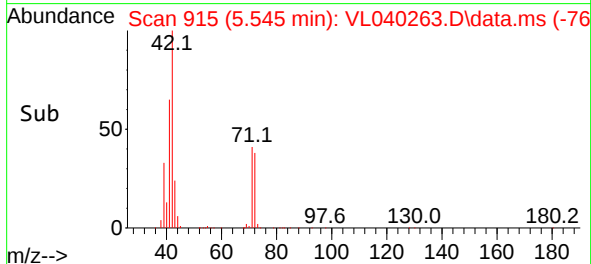
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



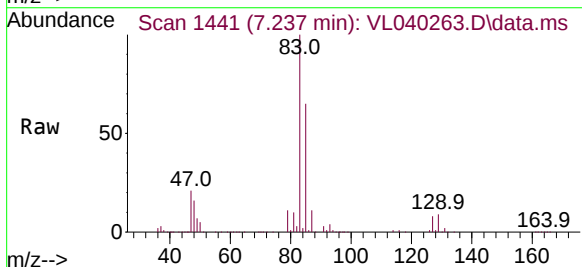
Tgt Ion: 42 Resp: 664214
Ion Ratio Lower Upper
42 100
72 39.8 33.0 49.4
71 39.0 31.4 47.2

Manual Integrations
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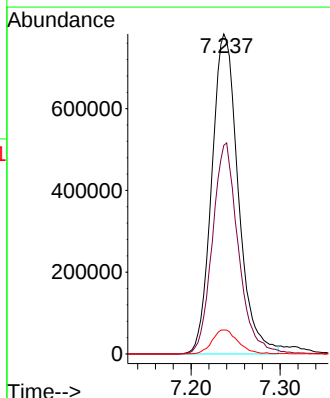
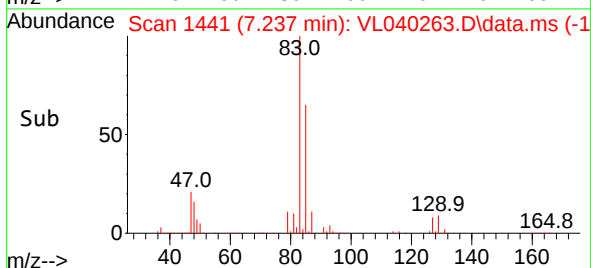
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

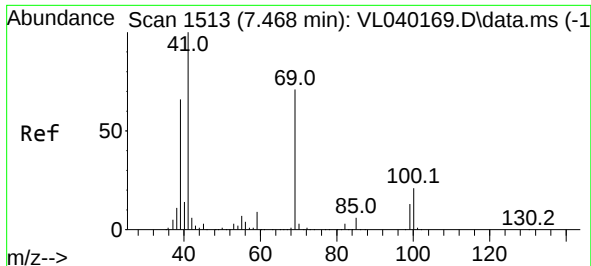


#42
Bromodichloromethane
Concen: 10.685 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



Tgt Ion: 83 Resp: 1620185
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 7.5 6.2 9.2





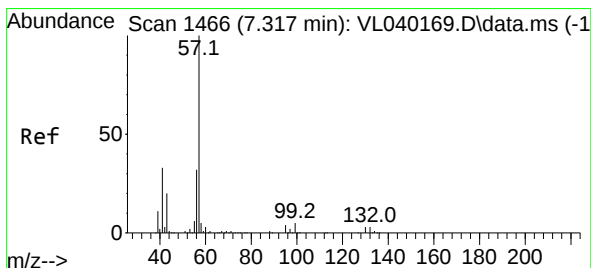
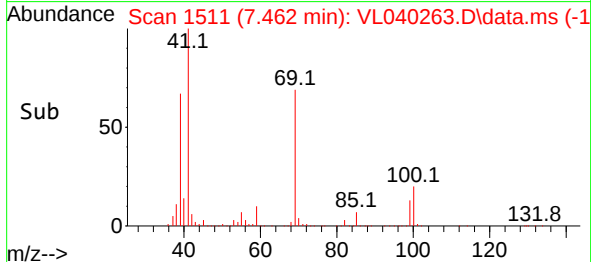
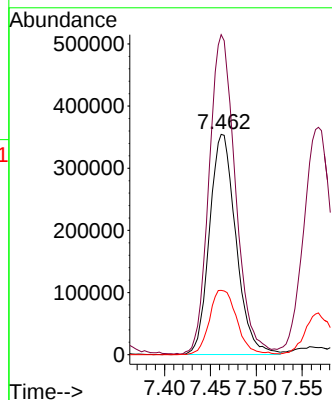
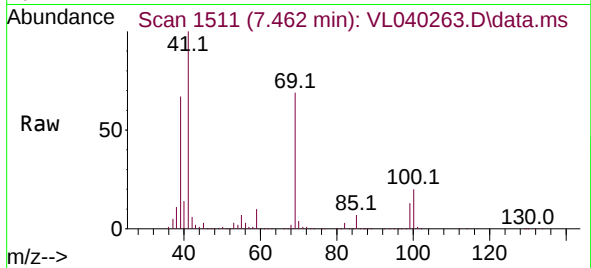
#43
Methyl Methacrylate
Concen: 10.932 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 71050
Ion Ratio Lower Upper
69 100
41 145.1 116.6 174.8
100 30.4 25.6 38.4

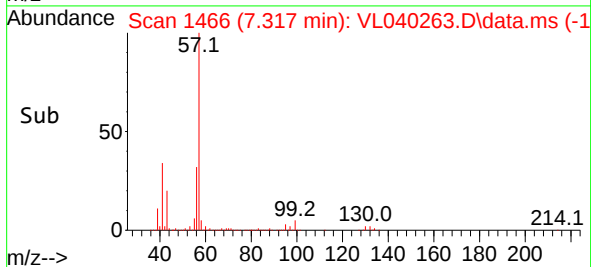
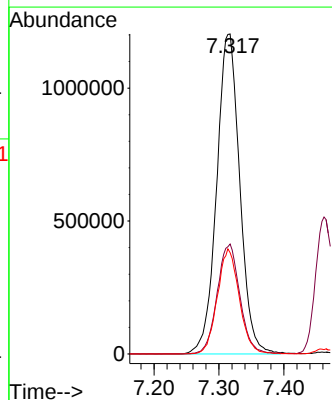
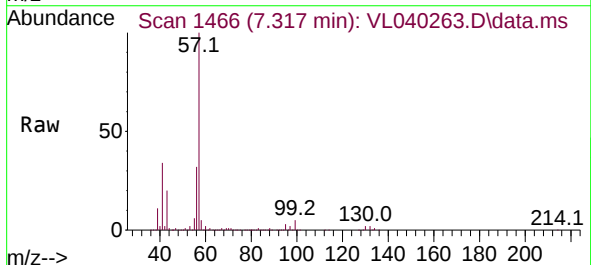
Manual Integrations
APPROVED

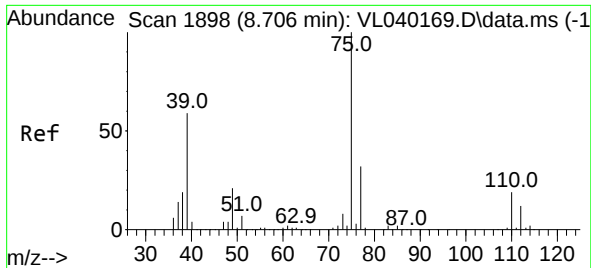
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#44
2,2,4-Trimethylpentane
Concen: 10.111 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 57 Resp: 2964629
Ion Ratio Lower Upper
57 100
41 33.7 26.2 39.4
56 31.3 24.9 37.3





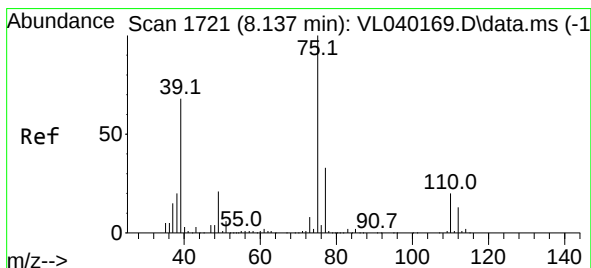
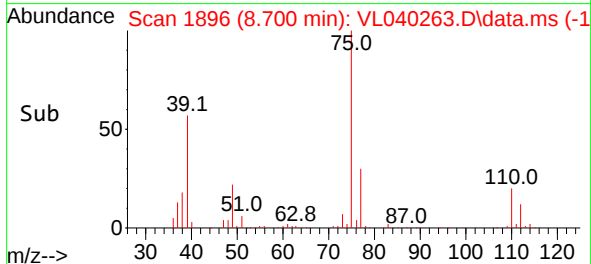
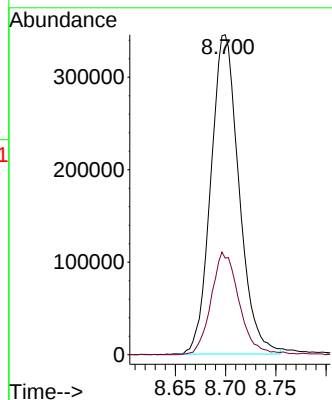
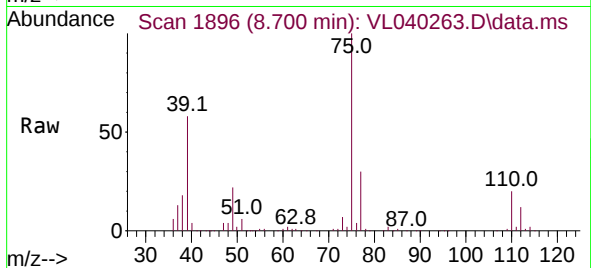
#45
t-1,3-Dichloropropene
Concen: 11.694 ppbv
RT: 8.700 min Scan# 1718
Delta R.T. -0.029 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 674184
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5

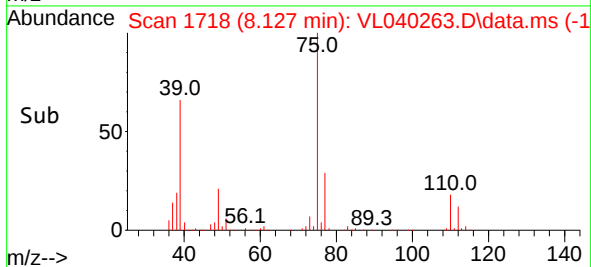
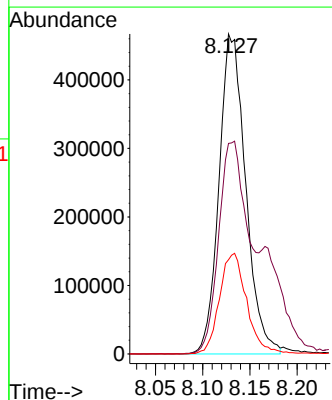
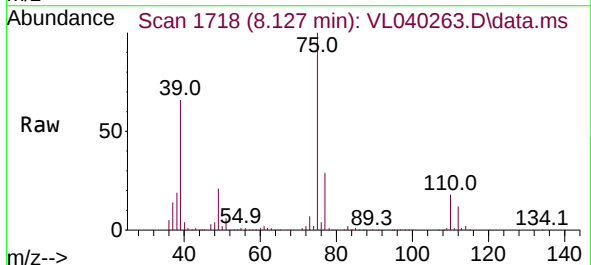
Manual Integrations
APPROVED

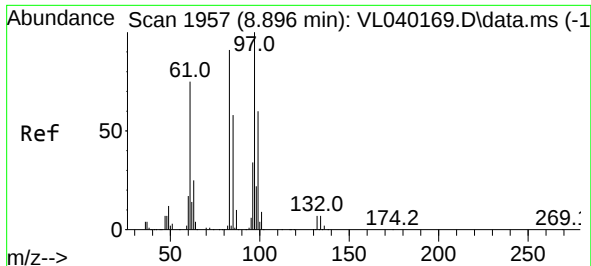
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#46
cis-1,3-Dichloropropene
Concen: 11.381 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 75 Resp: 914119
Ion Ratio Lower Upper
75 100
39 65.7 54.2 81.2
77 29.5 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.176 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.032 min

Lab File: VL040263.D

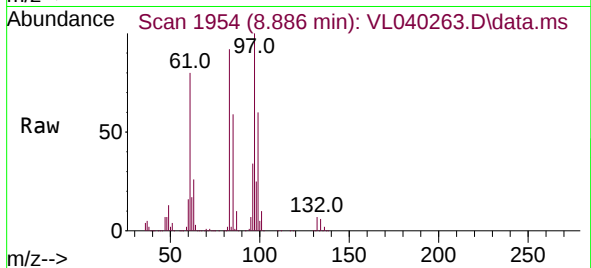
Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 75206

Ion Ratio Lower Upper

97 100

83 91.7 72.8 109.2

85 58.6 46.6 69.8

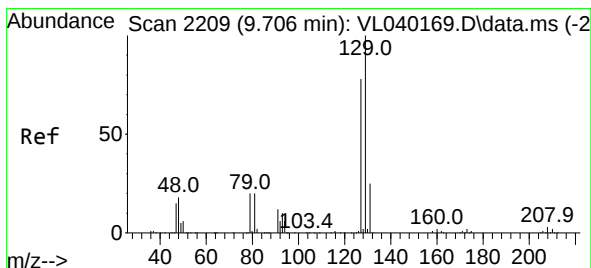
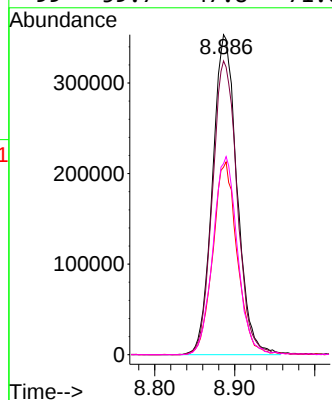
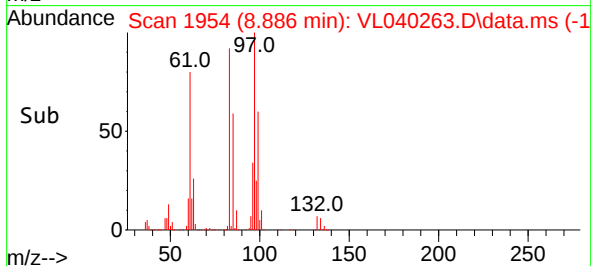
99 59.7 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#48

Dibromochloromethane

Concen: 11.211 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.029 min

Lab File: VL040263.D

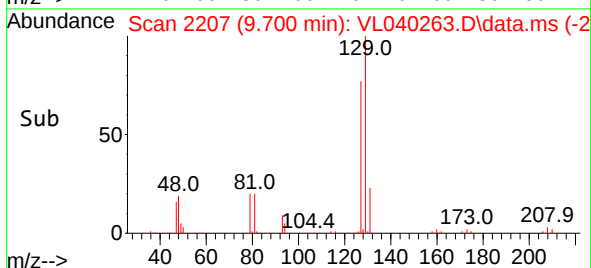
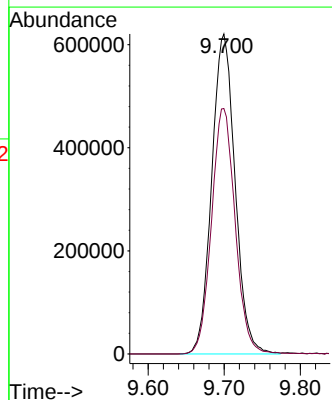
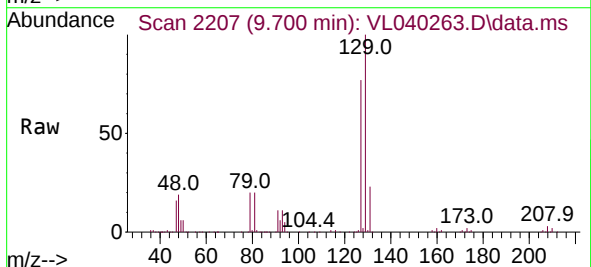
Acq: 8 Mar 2023 20:43

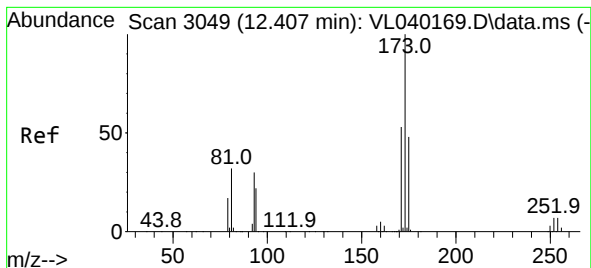
Tgt Ion:129 Resp: 1325286

Ion Ratio Lower Upper

129 100

127 77.7 39.1 117.2





#49

Bromoform

Concen: 11.362 ppbv

RT: 12.397 min Scan# 3049

Delta R.T. -0.032 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 104834

Ion Ratio Lower Upper

173 100

175 50.0 39.4 59.0

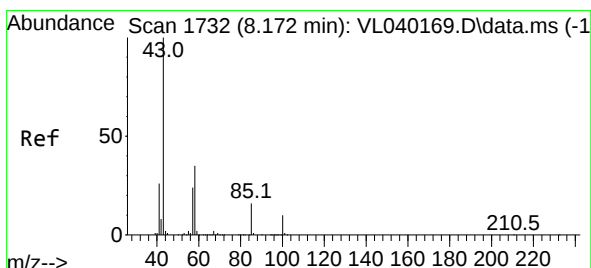
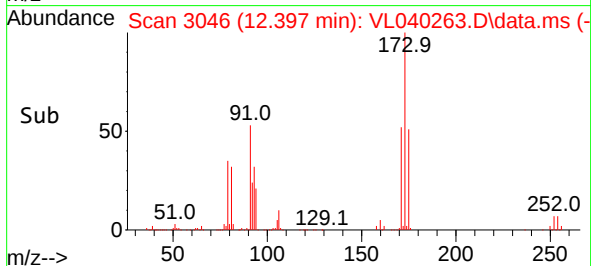
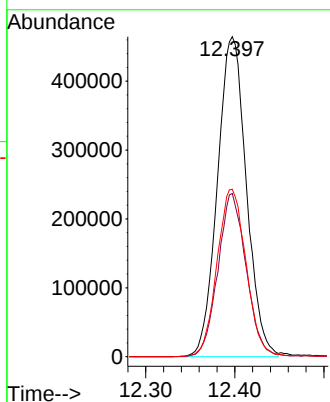
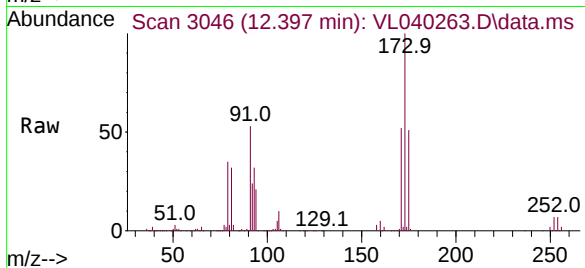
171 53.0 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#50

4-Methyl-2-Pentanone

Concen: 10.768 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.026 min

Lab File: VL040263.D

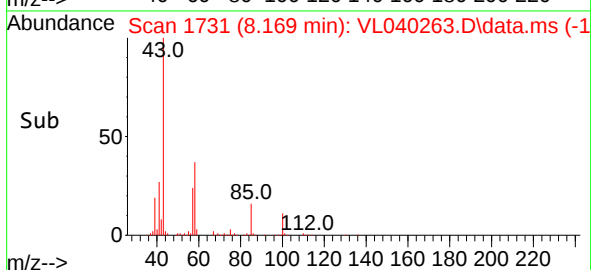
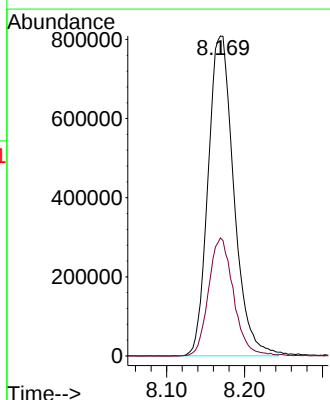
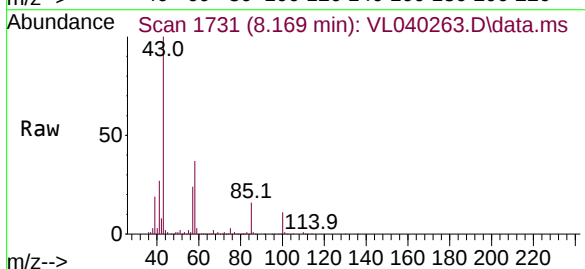
Acq: 8 Mar 2023 20:43

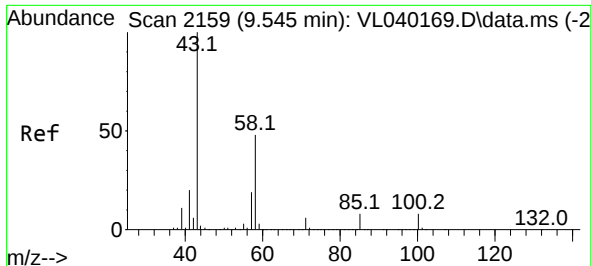
Tgt Ion: 43 Resp: 1861534

Ion Ratio Lower Upper

43 100

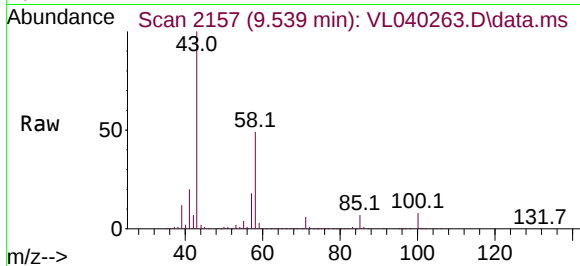
58 35.9 29.2 43.8





#51
2-Hexanone
Concen: 10.786 ppbv
RT: 9.539 min Scan# 2159
Delta R.T. -0.029 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

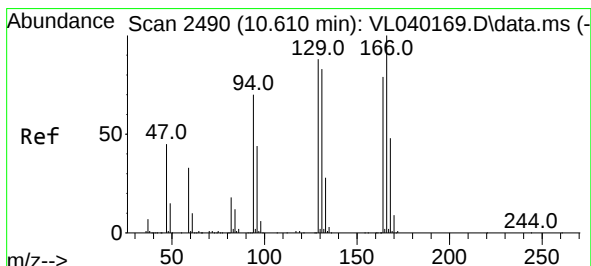
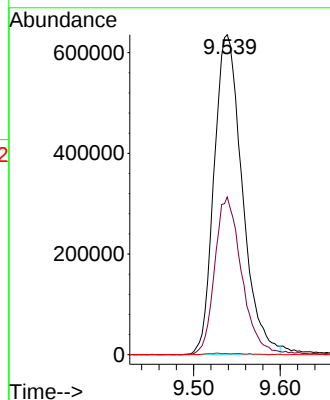
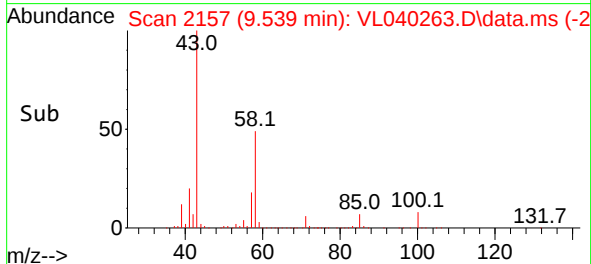
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 143398
Ion Ratio Lower Upper
43 100
58 47.8 39.1 58.7
98 0.6 0.2 0.4

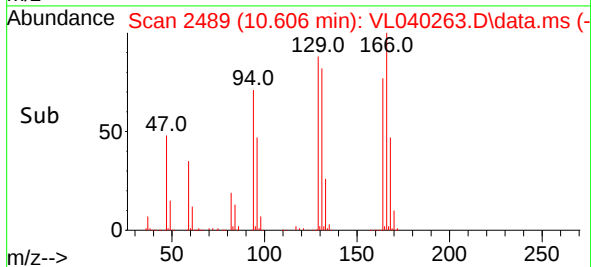
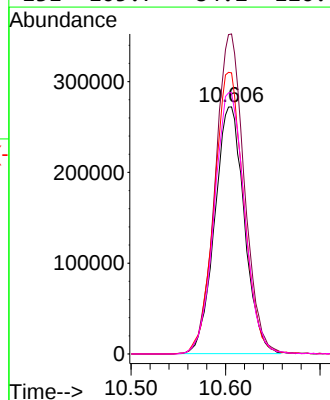
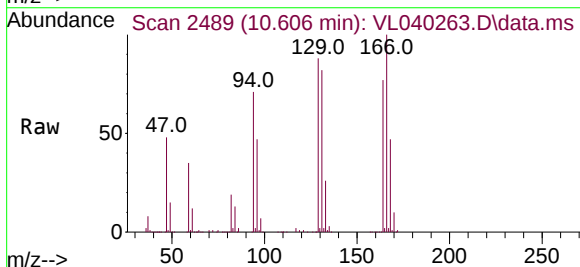
Manual Integrations
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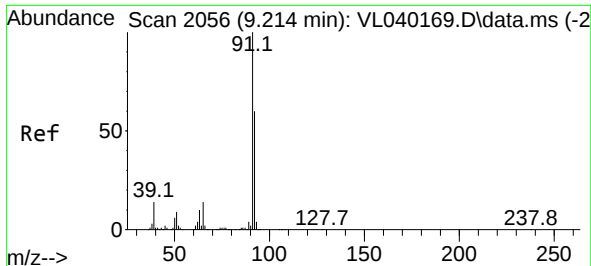
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#52
Tetrachloroethene
Concen: 10.787 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.029 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

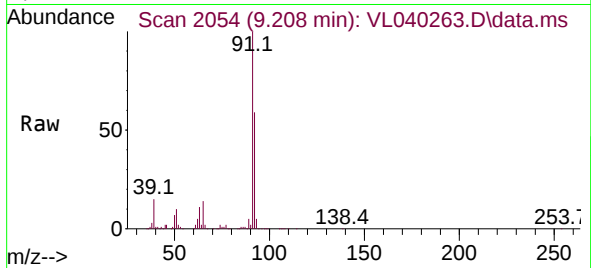
Tgt Ion:164 Resp: 591665
Ion Ratio Lower Upper
164 100
166 129.3 101.5 152.3
129 113.7 89.0 133.4
131 105.7 84.2 126.4





#53
Toluene
Concen: 10.833 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

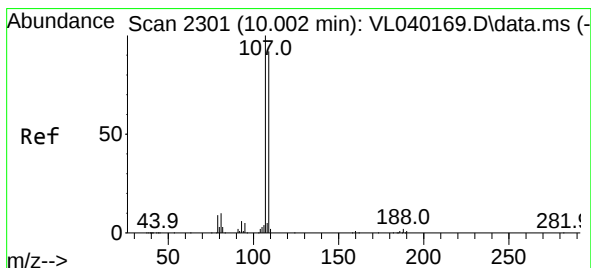
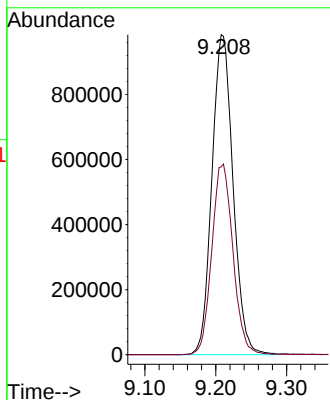
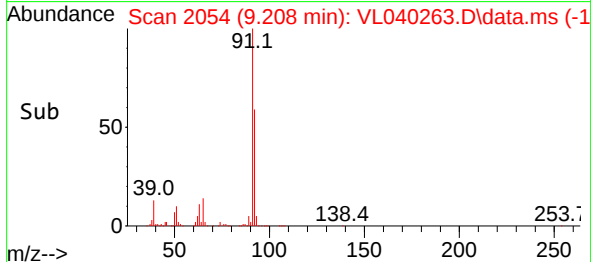
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



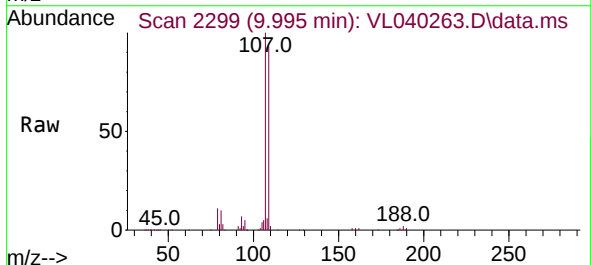
Tgt Ion: 91 Resp: 2038020
Ion Ratio Lower Upper
91 100
92 59.8 48.9 73.3

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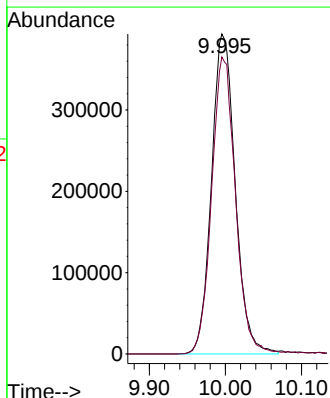
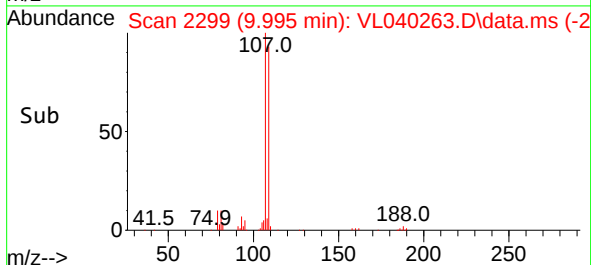
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

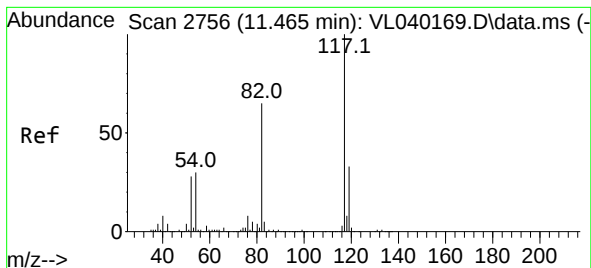


#54
1,2-Dibromoethane
Concen: 11.089 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



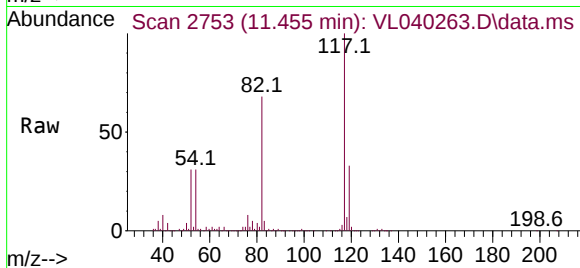
Tgt Ion:107 Resp: 852673
Ion Ratio Lower Upper
107 100
109 92.8 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 2756
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

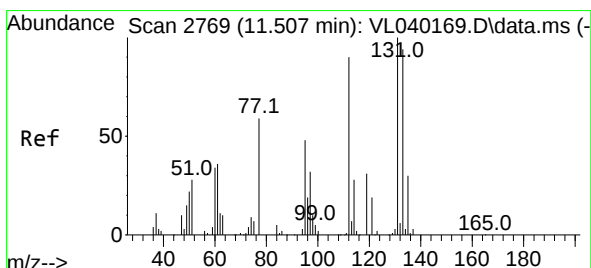
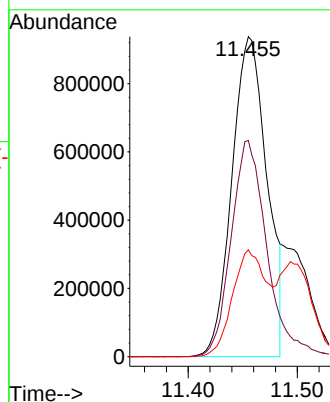
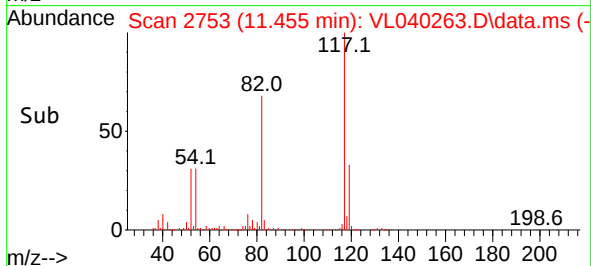
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 2094369
Ion Ratio Lower Upper
117 100
82 69.2 53.3 79.9
119 34.4 24.6 37.0

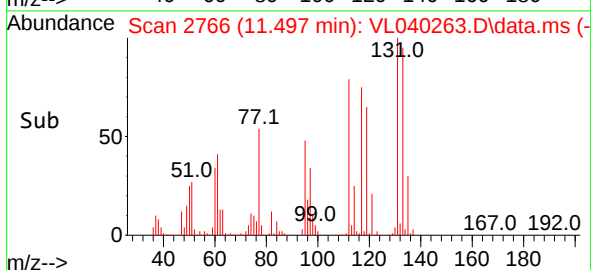
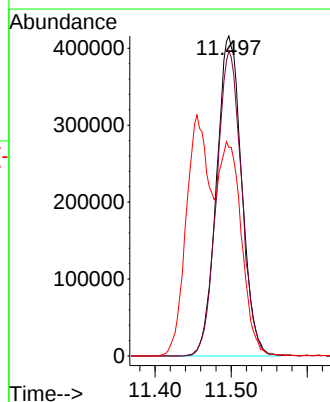
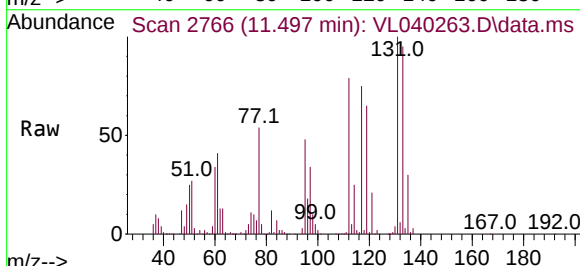
Manual Integrations
APPROVED

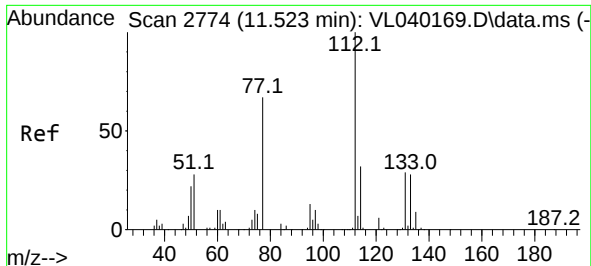
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.843 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:131 Resp: 953264
Ion Ratio Lower Upper
131 100
133 94.8 76.2 114.2
119 58.2 45.4 68.0





#57

Chlorobenzene

Concen: 10.418 ppbv

RT: 11.516 min Scan# 21

Delta R.T. -0.032 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 1594130

Ion Ratio Lower Upper

112 100

77 67.4 55.0 82.4

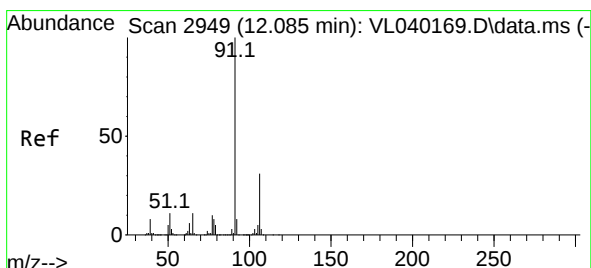
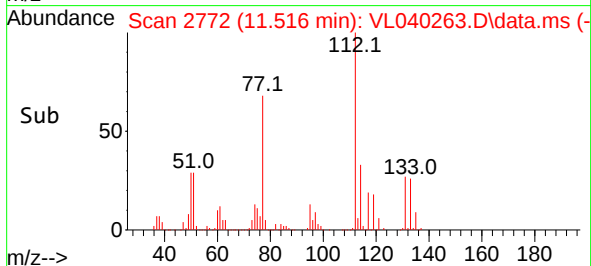
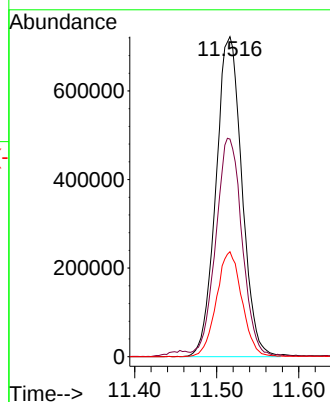
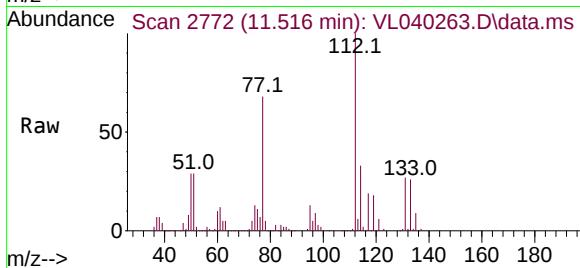
114 32.7 29.0 35.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#58

Ethyl Benzene

Concen: 11.178 ppbv

RT: 12.079 min Scan# 2947

Delta R.T. -0.032 min

Lab File: VL040263.D

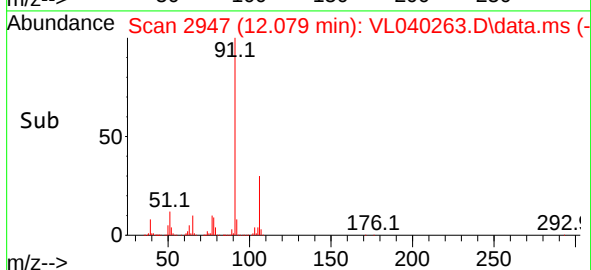
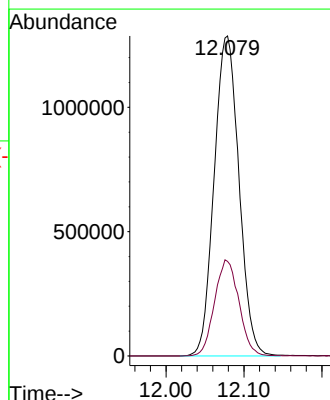
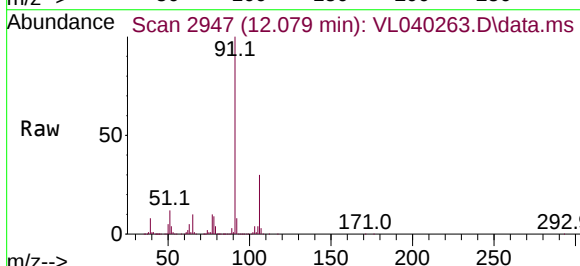
Acq: 8 Mar 2023 20:43

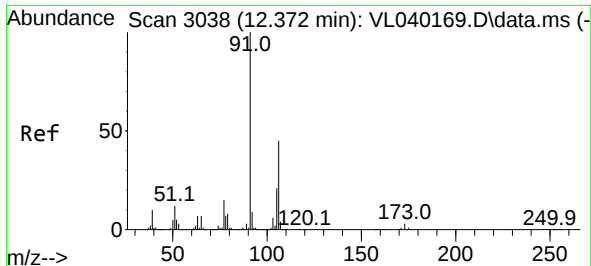
Tgt Ion: 91 Resp: 2844554

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3





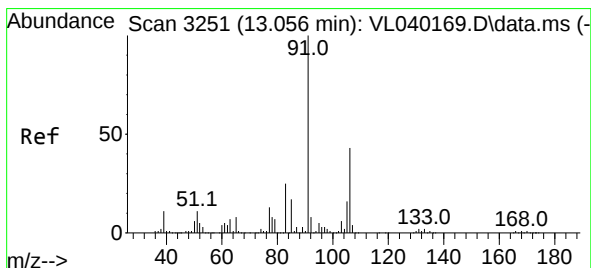
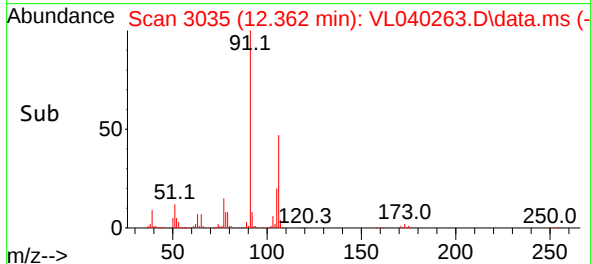
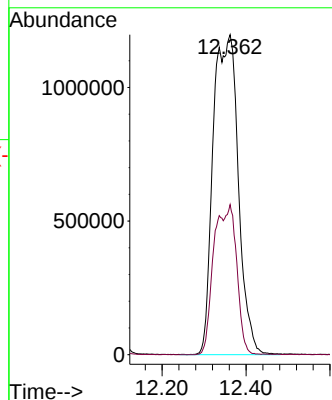
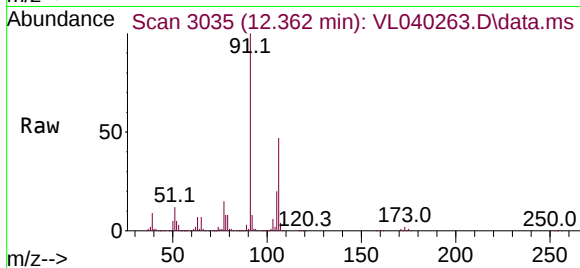
#59
m/p-Xylene
Concen: 22.065 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4973069
Ion Ratio Lower Upper
91 100
106 42.8 34.6 51.8

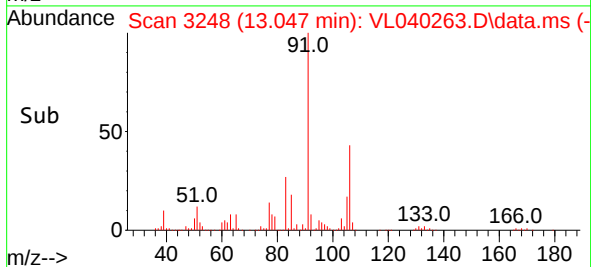
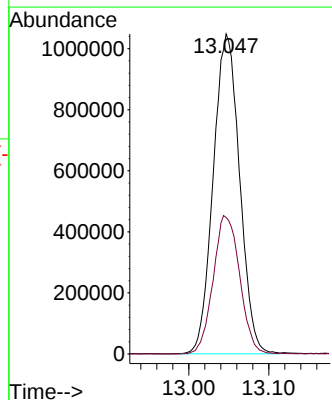
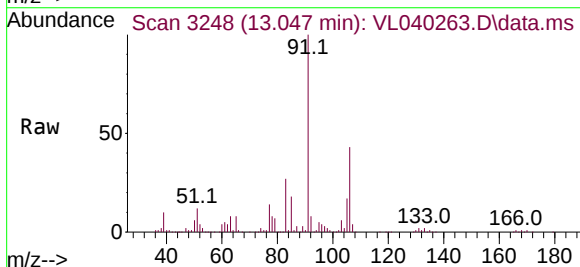
Manual Integrations
APPROVED

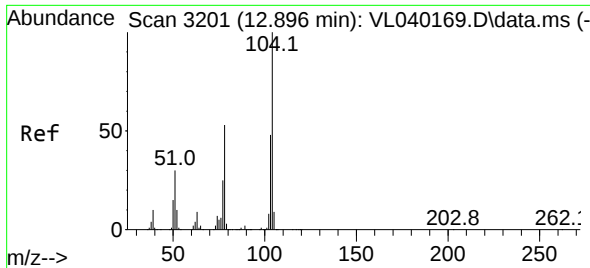
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#60
o-Xylene
Concen: 11.044 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

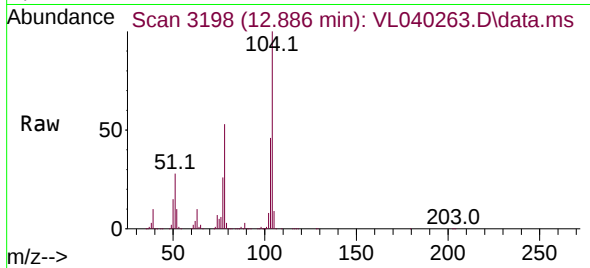
Tgt Ion: 91 Resp: 2395039
Ion Ratio Lower Upper
91 100
106 43.6 21.6 65.0





#61
Styrene
Concen: 11.722 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

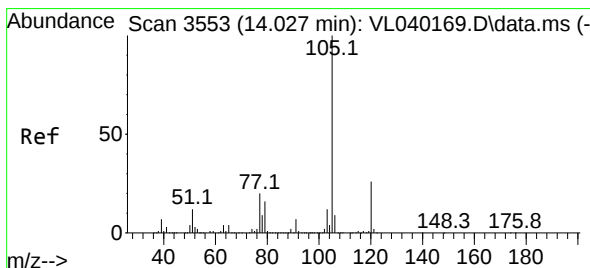
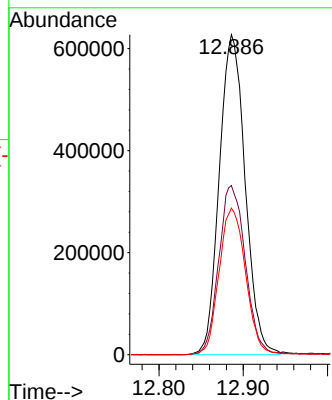
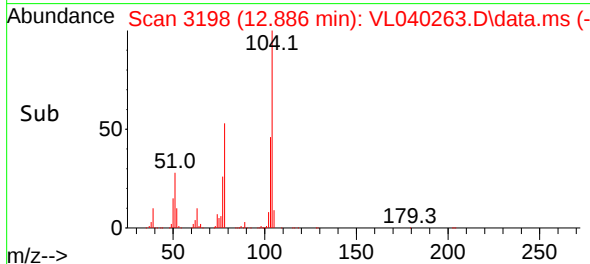
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



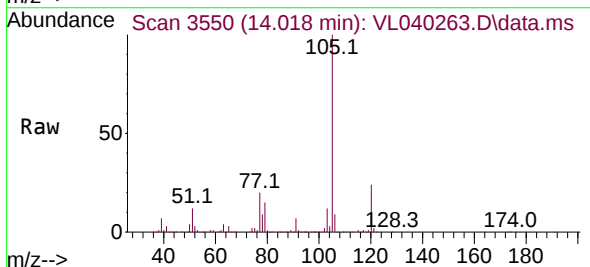
Tgt Ion:104 Resp: 1334609
Ion Ratio Lower Upper
104 100
78 54.5 42.3 63.5
103 47.2 37.5 56.3

Manual Integrations
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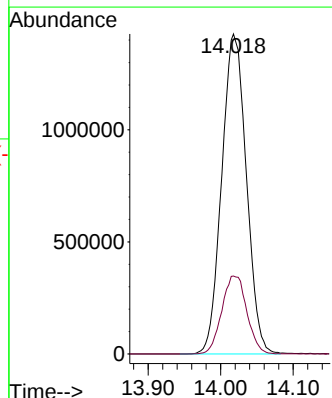
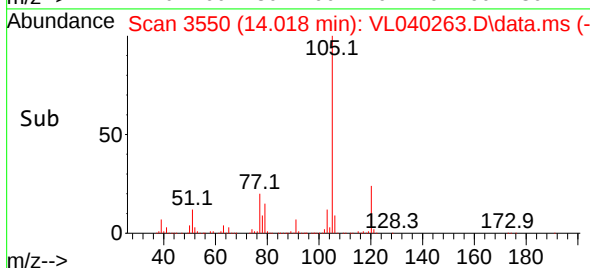
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

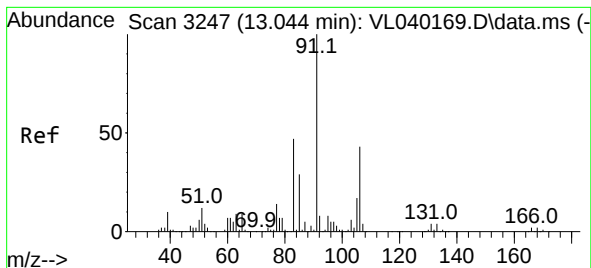


#62
Isopropylbenzene
Concen: 10.824 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



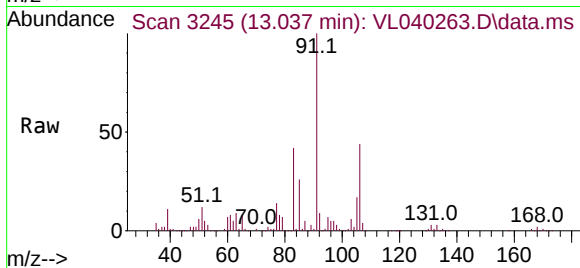
Tgt Ion:105 Resp: 3369477
Ion Ratio Lower Upper
105 100
120 24.8 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 10.253 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

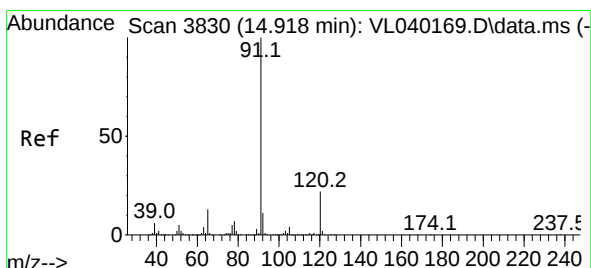
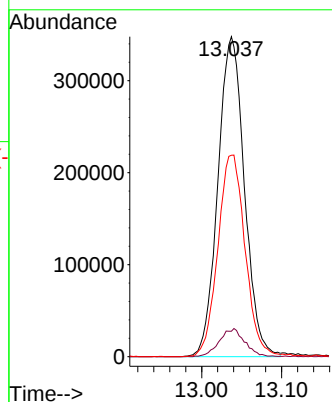
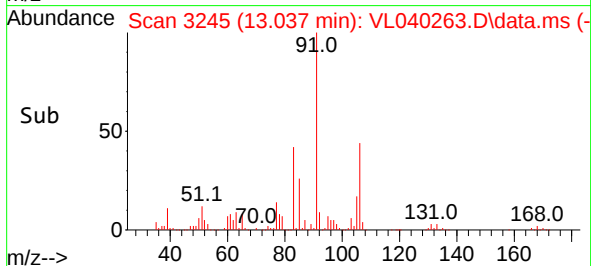
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 801298
Ion Ratio Lower Upper
83 100
131 8.5 4.4 13.2
85 65.0 33.0 99.0

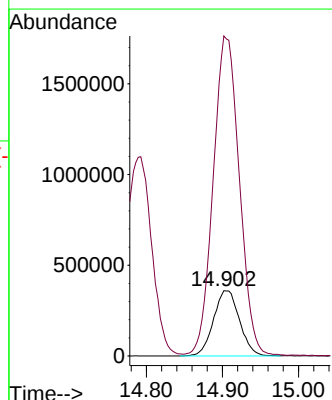
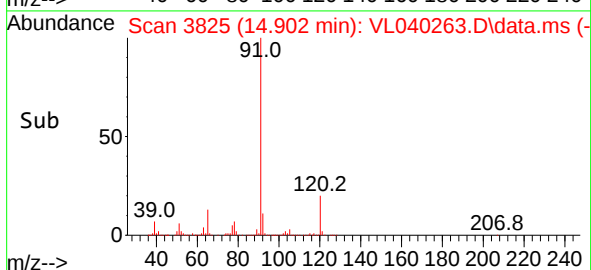
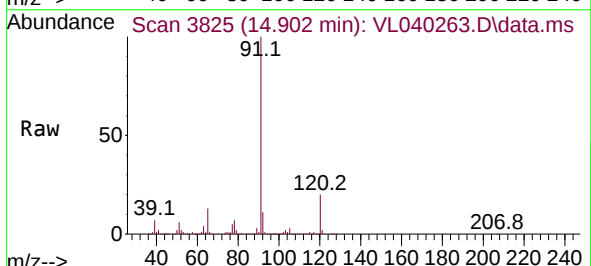
Manual Integrations
APPROVED

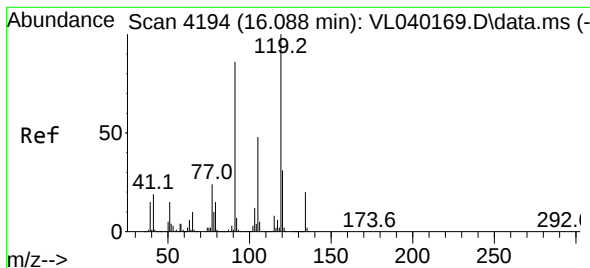
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#64
n-propylbenzene
Concen: 11.085 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

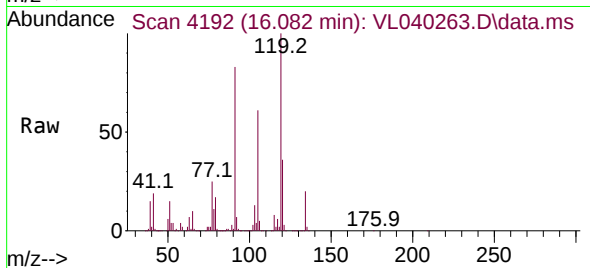
Tgt Ion:120 Resp: 854011
Ion Ratio Lower Upper
120 100
91 496.3 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.822 ppbv
RT: 16.082 min Scan# 4194
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

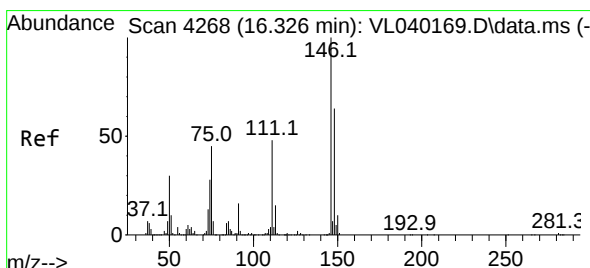
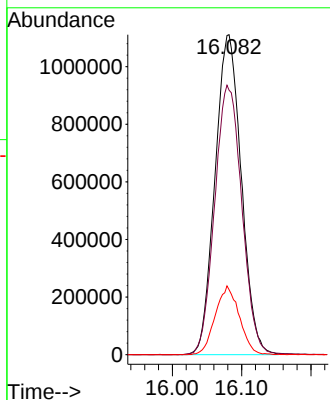
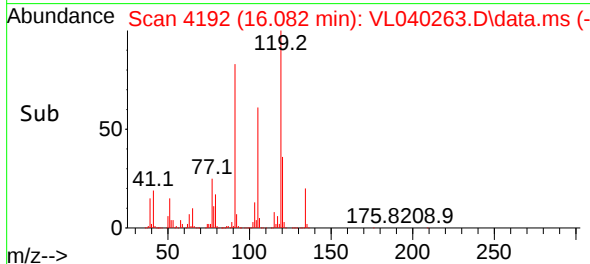
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



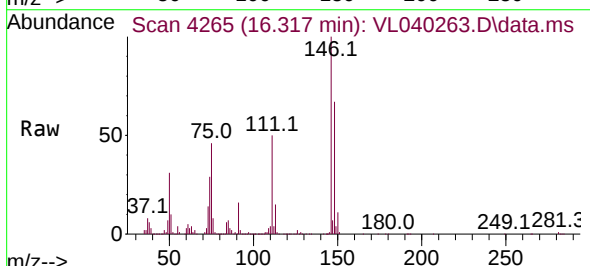
Tgt Ion:119 Resp: 292825
Ion Ratio Lower Upper
119 100
91 87.3 68.6 102.8
134 19.8 15.9 23.9

Manual Integrations
APPROVED

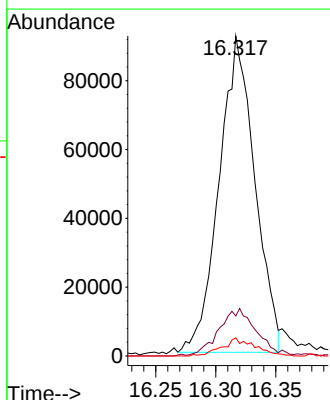
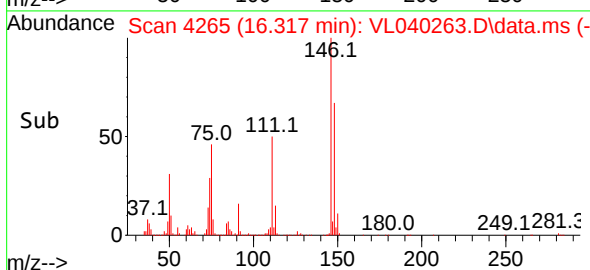
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

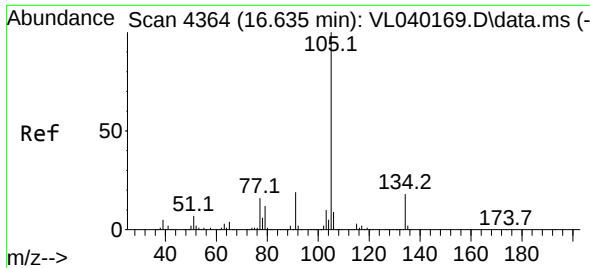


#66
Benzyl Chloride
Concen: 10.574 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



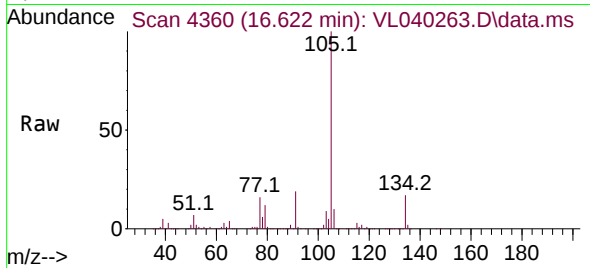
Tgt Ion: 91 Resp: 190395
Ion Ratio Lower Upper
91 100
126 16.3 13.1 19.7
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.848 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

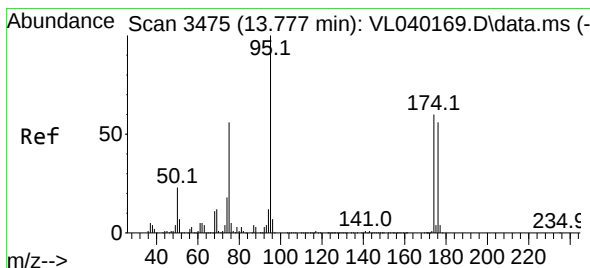
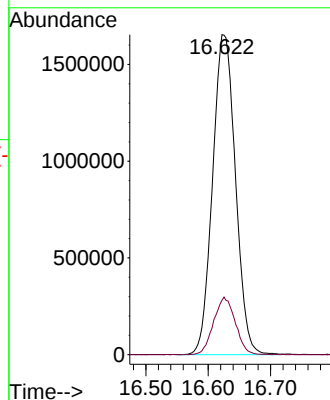
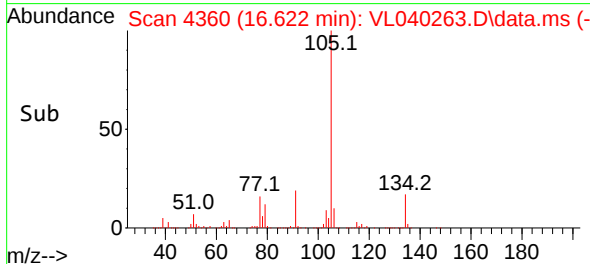
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



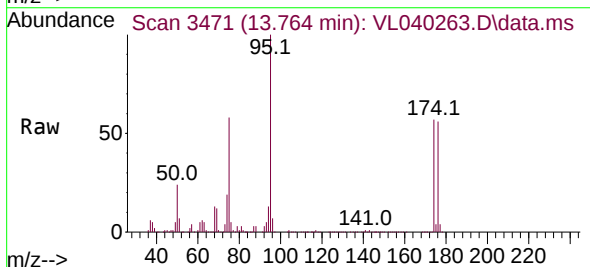
Tgt Ion:105 Resp: 420967
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1

Manual Integrations
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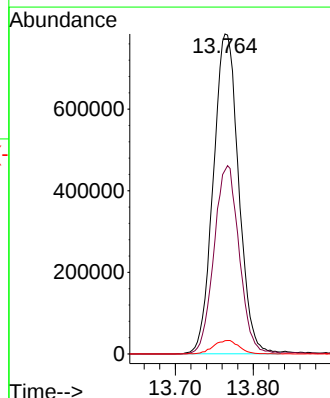
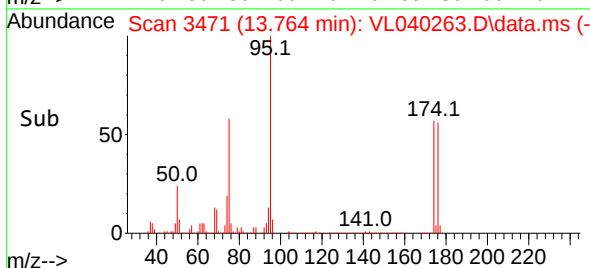
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

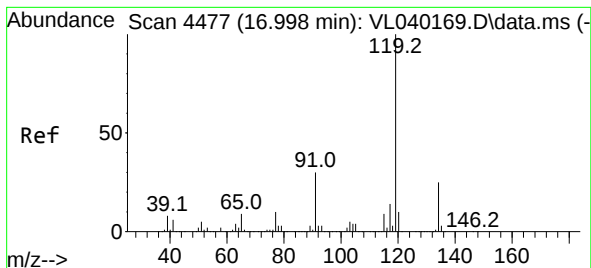


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.273 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.032 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43



Tgt Ion: 95 Resp: 1769213
 Ion Ratio Lower Upper
 95 100
 174 59.1 48.2 72.2
 175 4.3 3.4 5.2





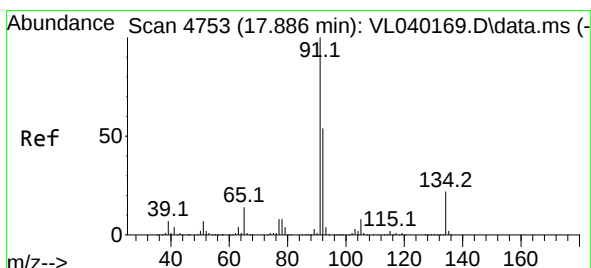
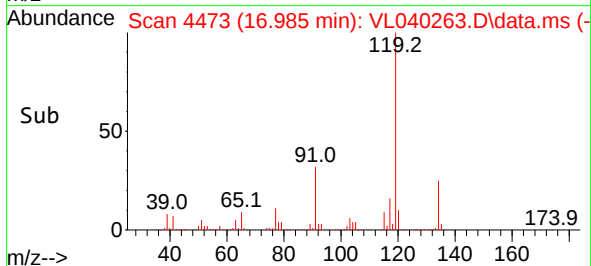
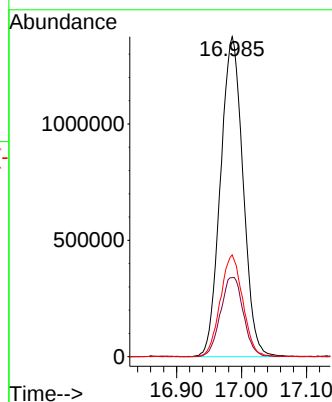
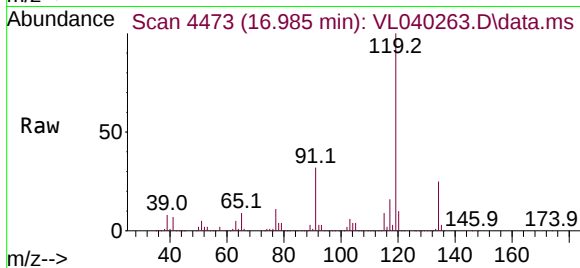
#69
p-Isopropyltoluene
Concen: 10.740 ppbv
RT: 16.985 min Scan# 4477
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 330413
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.6 24.7 37.1

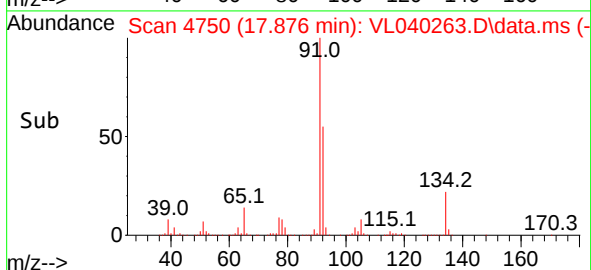
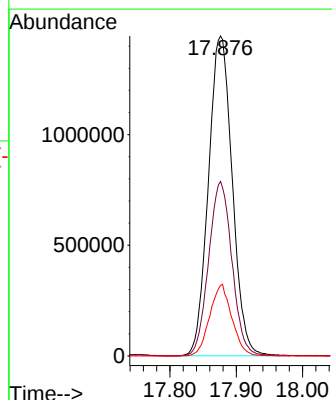
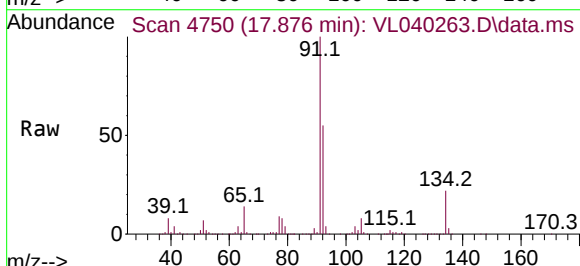
Manual Integrations
APPROVED

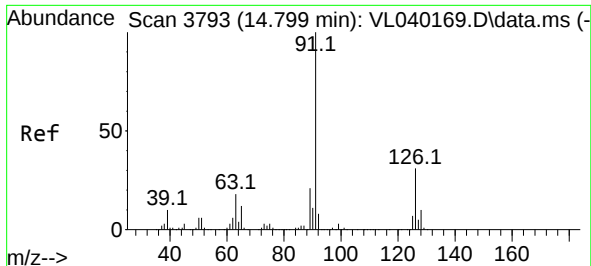
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
n-Butylbenzene
Concen: 10.795 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 91 Resp: 3604688
Ion Ratio Lower Upper
91 100
92 53.5 43.0 64.6
134 20.9 16.9 25.3





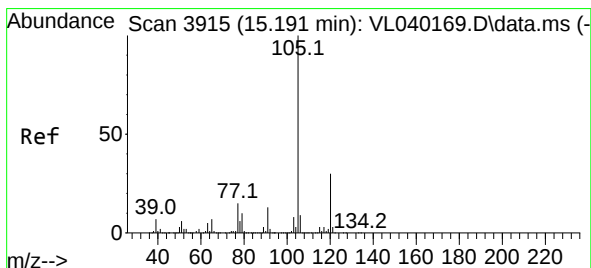
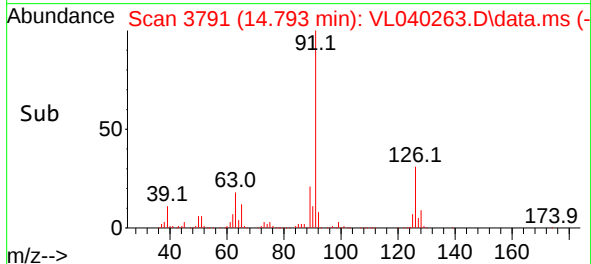
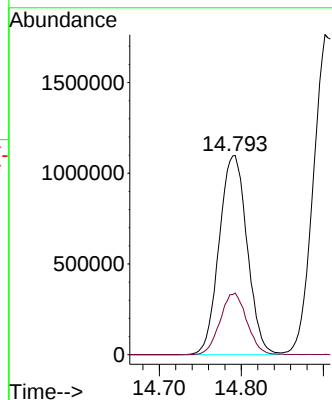
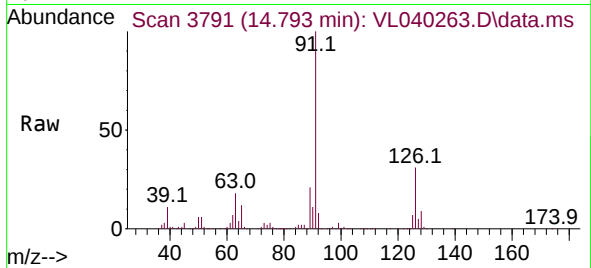
#71
2-Chlorotoluene
Concen: 10.942 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2605008
Ion Ratio Lower Upper
91 100
126 29.6 12.0 48.2

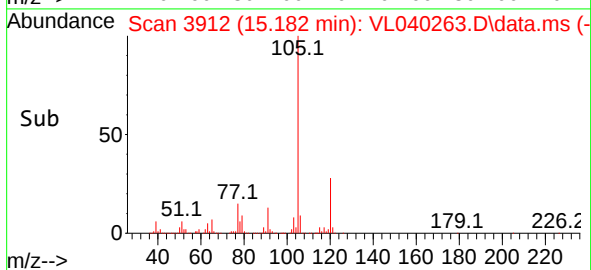
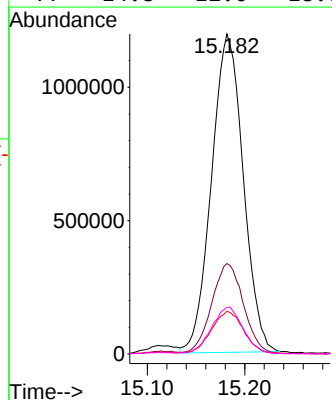
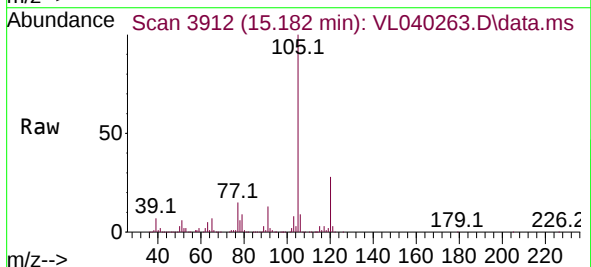
Manual Integrations
APPROVED

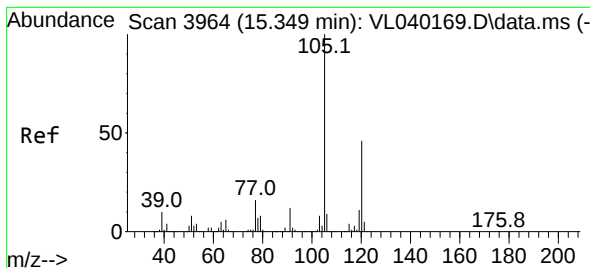
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#72
4-Ethyltoluene
Concen: 11.264 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

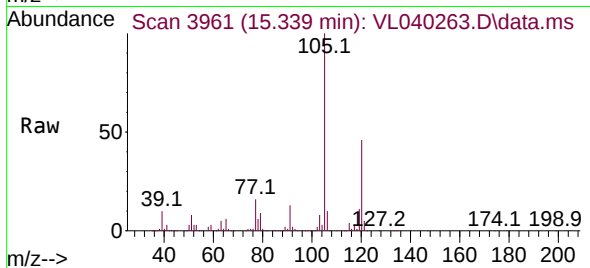
Tgt Ion:105 Resp: 2700422
Ion Ratio Lower Upper
105 100
120 29.5 23.2 34.8
91 14.4 11.3 16.9
77 14.8 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 10.822 ppbv
RT: 15.339 min Scan# 3964
Delta R.T. -0.039 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

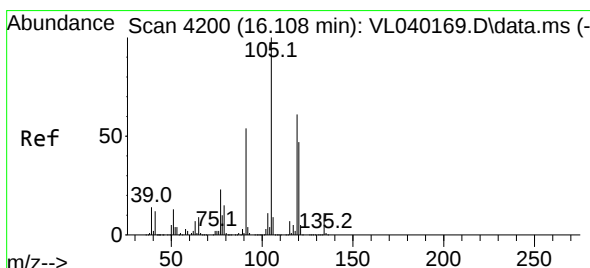
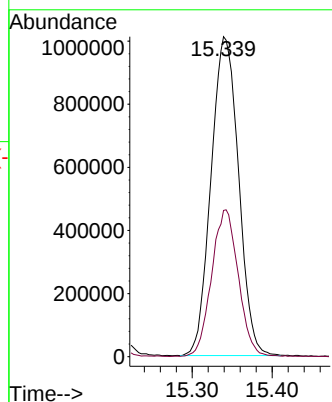
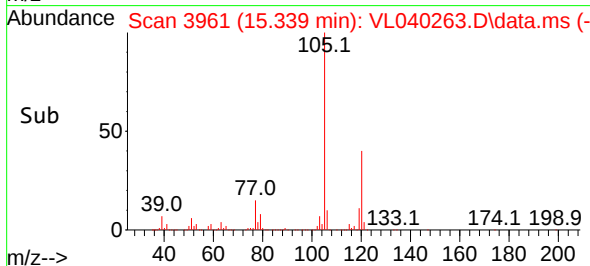
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



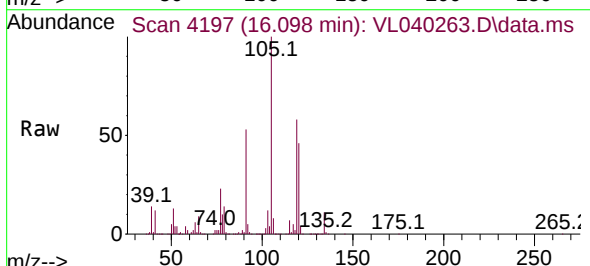
Tgt Ion:105 Resp: 2414114
Ion Ratio Lower Upper
105 100
120 45.8 36.8 55.2

Manual Integrations
APPROVED

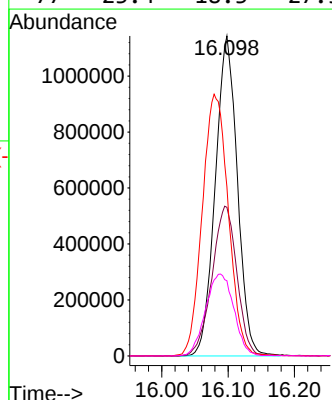
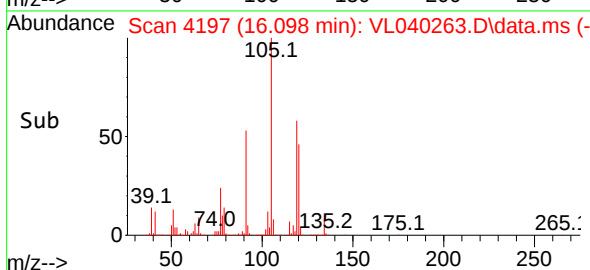
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

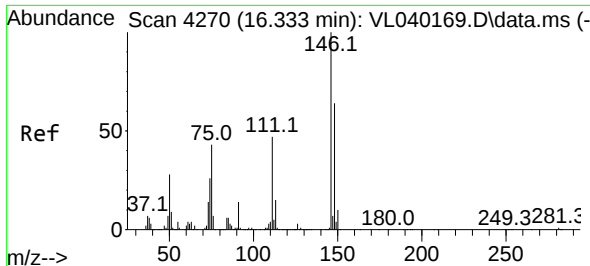


#74
1,2,4-Trimethylbenzene
Concen: 10.809 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



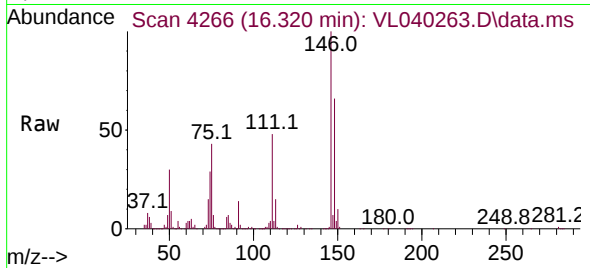
Tgt Ion:105 Resp: 2648440
Ion Ratio Lower Upper
105 100
120 46.4 37.9 56.9
91 52.7 43.7 65.5
77 23.4 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 10.522 ppbv
RT: 16.320 min Scan# 4310
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

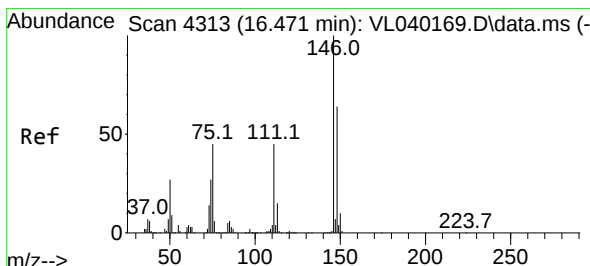
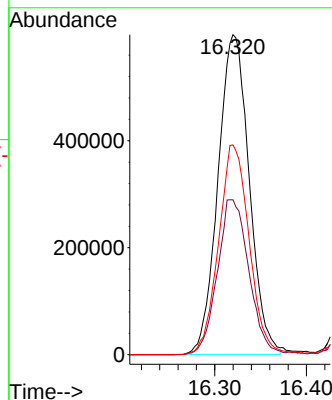
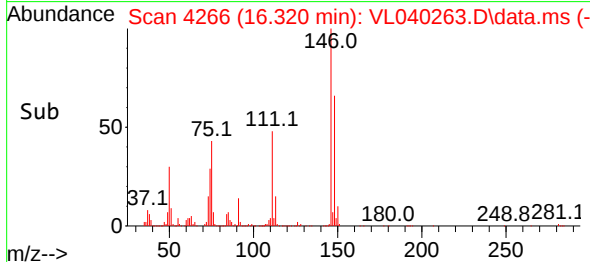
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



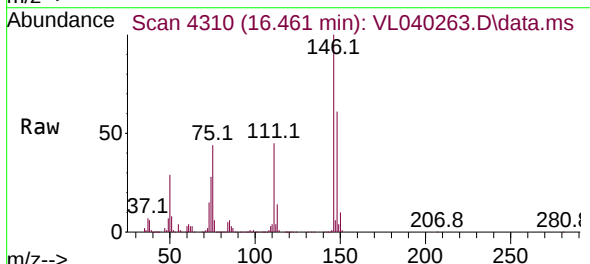
Tgt Ion:146 Resp: 1410960
Ion Ratio Lower Upper
146 100
111 49.3 23.9 71.8
148 64.6 32.1 96.5

Manual Integrations
APPROVED

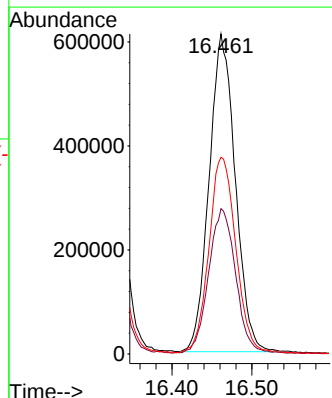
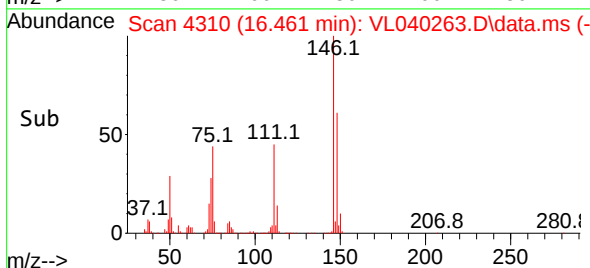
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

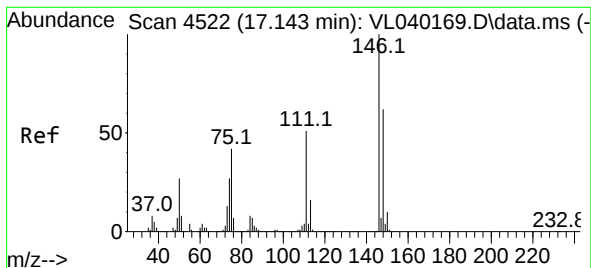


#76
1,4-Dichlorobenzene
Concen: 10.552 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43



Tgt Ion:146 Resp: 1386619
Ion Ratio Lower Upper
146 100
111 47.0 23.5 70.5
148 64.8 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 10.135 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. -0.035 min

Lab File: VL040263.D

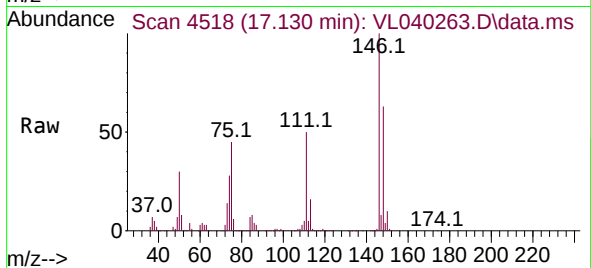
Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1349978

Ion Ratio Lower Upper

146 100

111 51.1 25.3 75.8

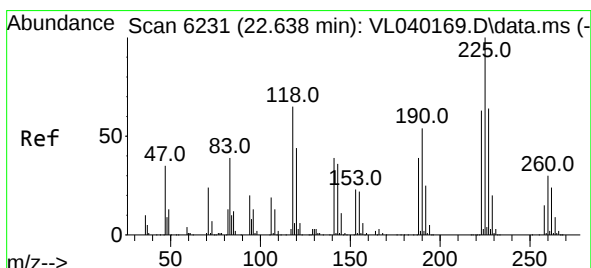
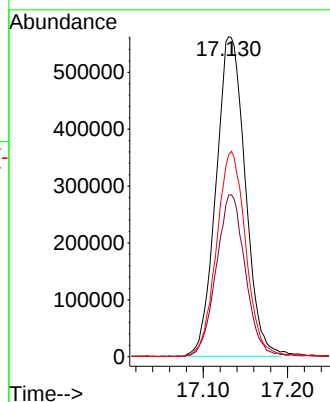
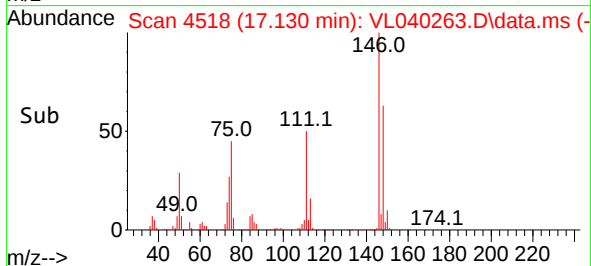
148 64.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.175 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. -0.035 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

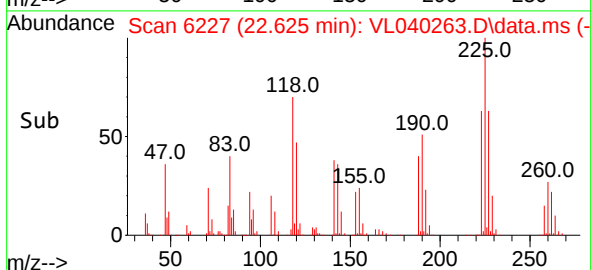
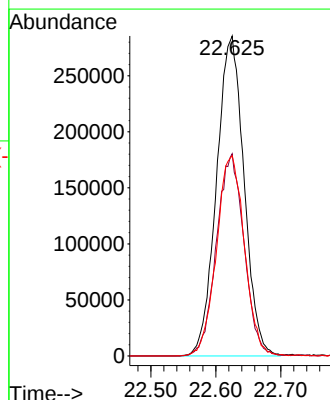
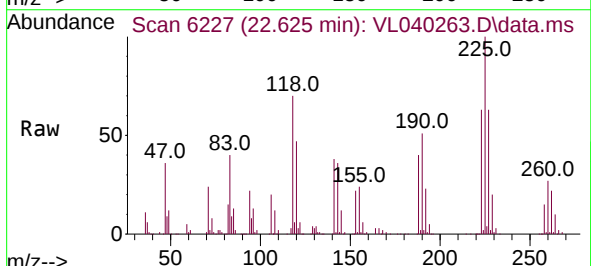
Tgt Ion:225 Resp: 839600

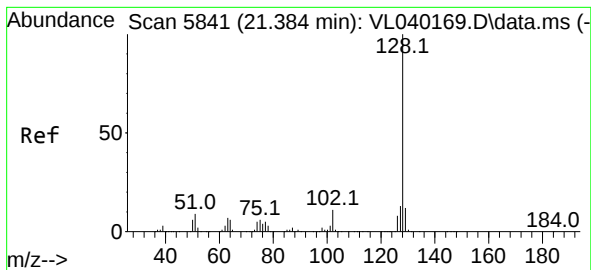
Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

227 63.7 51.2 76.8





#79

Naphthalene

Concen: 11.760 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. -0.039 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 161883

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

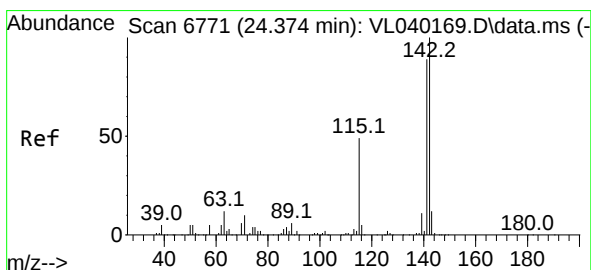
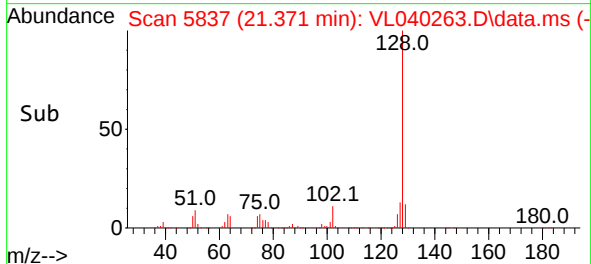
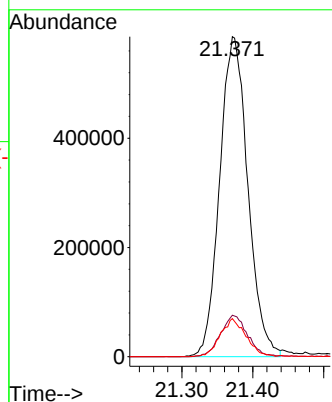
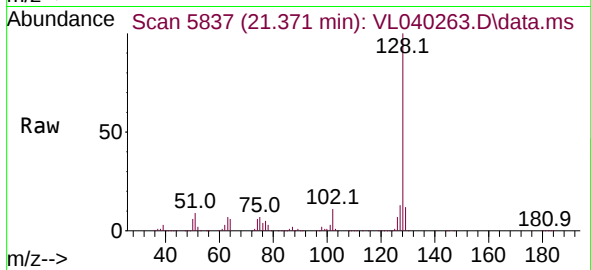
129 11.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#80

Naphthalene,2-methyl-

Concen: 8.863 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. -0.029 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

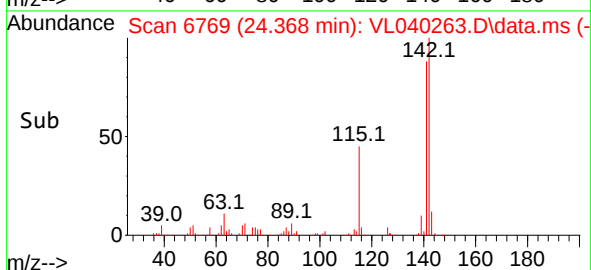
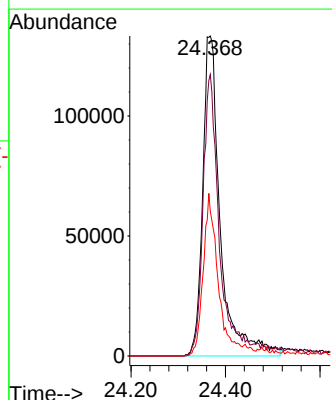
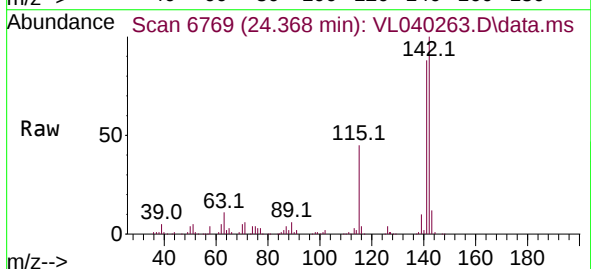
Tgt Ion:142 Resp: 346957

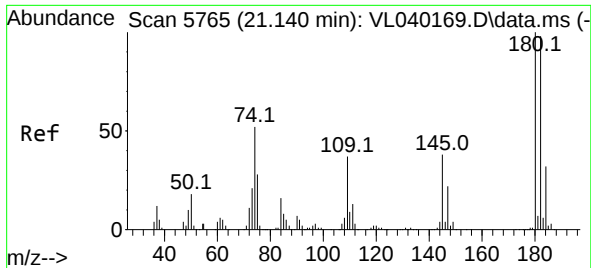
Ion Ratio Lower Upper

142 100

141 83.0 67.3 100.9

115 43.9 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 10.423 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.039 min

Lab File: VL040263.D

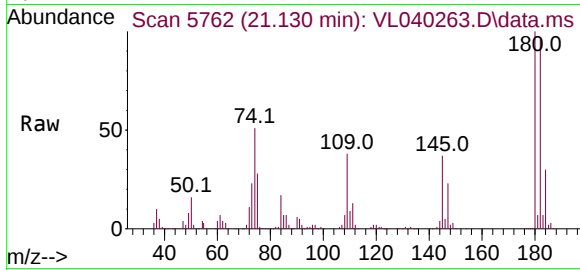
Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 897824

Ion Ratio Lower Upper

180 100

182 96.1 79.0 118.6

184 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023

