

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
 Data File : VL040241.D
 Acq On : 28 Feb 2023 8:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/01/2023
 Supervised By : Mahesh Dadoda 03/01/2023

Quant Time: Mar 01 04:21:52 2023

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

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

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	5.201	49	920918	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2412111	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2240681	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 1898148 10.302 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1273130	7.418	ppbv	99
3) Chlorodifluoromethane	2.671	51	1068135	9.709	ppbv	98
4) Chloromethane	2.812	50	671270	9.714	ppbv	98
5) Vinyl Chloride	2.918	62	588996	10.607	ppbv	99
6) Bromomethane	3.118	94	197210	9.840	ppbv	98
7) Chloroethane	3.198	64	224063	10.175	ppbv	99
8) Dichlorotetrafluoroethane	2.854	85	1466336	9.915	ppbv	99
9) Propene	2.690	41	431711	9.627	ppbv	99
10) Heptane	7.594	43	1114437	10.441	ppbv	99
11) Trichlorofluoromethane	3.565	101	1597670	10.374	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1190021	10.475	ppbv	98
13) Ethanol	3.246	45	32616m	7.901	ppbv	
14) Bromoethene	3.365	108	454447	10.431	ppbv	98
15) Acetone	3.468	43	1042639	9.404	ppbv	100
16) 1,3-Butadiene	2.983	39	531108	10.489	ppbv	100
17) tert-Butyl alcohol	3.880	59	1103436	10.913	ppbv	99
18) 1,1-Dichloroethene	3.883	96	517681	10.487	ppbv	96
19) Isopropyl Alcohol	3.574	45	509289	9.663	ppbv #	97
20) Methylene Chloride	3.935	84	443447	7.683	ppbv	97
21) Allyl Chloride	3.999	41	719589	10.582	ppbv	97
22) trans-1,2-Dichloroethene	4.452	96	521575	10.204	ppbv	96
23) Vinyl Acetate	4.632	43	340700	10.125	ppbv	98
24) 1,1-Dichloroethane	4.571	63	1078062	10.250	ppbv	99
25) Ethyl Acetate	5.211	43	1972138	9.568	ppbv	99
26) Hexane	5.224	57	837795	9.469	ppbv	98
27) Carbon Disulfide	4.127	76	1314157	11.705	ppbv	98
28) Methyl tert-Butyl Ether	4.590	73	973452	10.268	ppbv	98
29) Chloroform	5.282	83	1491880	9.820	ppbv	100
30) Cyclohexane	6.616	84	720685	10.373	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	825067	9.814	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1507275	10.559	ppbv	99
34) 2-Butanone	4.793	43	1176164	9.885	ppbv	100
35) Carbon Tetrachloride	6.507	117	1594053	11.179	ppbv	99
36) Benzene	6.385	78	1818599	9.688	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1178363	10.037	ppbv	99
38) Trichloroethene	7.307	130	1098346	10.618	ppbv	99
39) 1,2-Dichloropropane	7.086	63	711266	9.740	ppbv	98
40) 1,4-Dioxane	7.301	88	278026	9.518	ppbv	92
41) Tetrahydrofuran	5.568	42	681543	9.884	ppbv	99
42) Bromodichloromethane	7.262	83	1682675	10.384	ppbv	100
43) Methyl Methacrylate	7.487	69	732344	10.544	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3085832	9.848	ppbv	99
45) t-1,3-Dichloropropene	8.729	75	702987	11.410	ppbv	96

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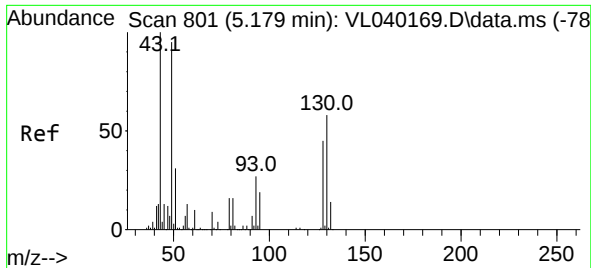
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

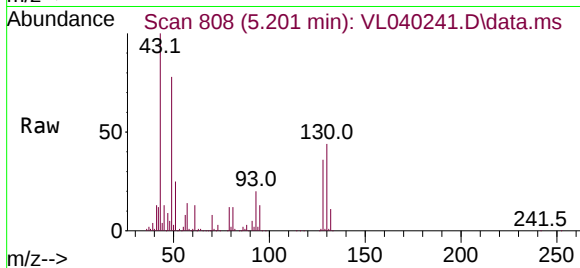
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	950865	11.078	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	763429	9.666	ppbv	97
48) Dibromochloromethane	9.729	129	1343206	10.633	ppbv	100
49) Bromoform	12.429	173	1054086	10.690	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1938122	10.490	ppbv	99
51) 2-Hexanone	9.568	43	1495650	10.526	ppbv #	98
52) Tetrachloroethene	10.635	164	605872	10.336	ppbv	98
53) Toluene	9.240	91	2083702	10.364	ppbv	98
54) 1,2-Dibromoethane	10.028	107	865514	10.532	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	971923	10.333	ppbv	99
57) Chlorobenzene	11.548	112	1607696	9.821	ppbv	99
58) Ethyl Benzene	12.111	91	2858294	10.499	ppbv	98
59) m/p-Xylene	12.397	91	5009232m	20.774	ppbv	
60) o-Xylene	13.082	91	2417079	10.418	ppbv	100
61) Styrene	12.918	104	1348313m	11.069	ppbv	
62) Isopropylbenzene	14.053	105	3377125	10.141	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.072	83	795687	9.517	ppbv	100
64) n-propylbenzene	14.937	120	842535	10.222	ppbv	95
65) tert-Butylbenzene	16.114	119	2941930	10.162	ppbv	98
66) Benzyl Chloride	16.349	91	200516m	10.409	ppbv	
67) sec-Butylbenzene	16.661	105	4193110	10.100	ppbv	99
69) p-Isopropyltoluene	17.018	119	3314944	10.072	ppbv	99
70) n-Butylbenzene	17.908	91	3603754	10.088	ppbv	99
71) 2-Chlorotoluene	14.825	91	2578486	10.123	ppbv	99
72) 4-Ethyltoluene	15.217	105	2703930	10.542	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	2389104	10.011	ppbv	97
74) 1,2,4-Trimethylbenzene	16.130	105	2633365	10.045	ppbv	95
75) 1,3-Dichlorobenzene	16.355	146	1403001	9.780	ppbv	99
76) 1,4-Dichlorobenzene	16.497	146	1364555	9.706	ppbv	99
77) 1,2-Dichlorobenzene	17.166	146	1348711	9.464	ppbv	100
78) Hexachloro-1,3-Butadiene	22.660	225	831359	8.492	ppbv	100
79) Naphthalene	21.410	128	1645589	11.174	ppbv	98
80) Naphthalene,2-methyl-	24.397	142	328879	7.853	ppbv	97
81) 1,2,4-Trichlorobenzene	21.169	180	900603	9.772	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

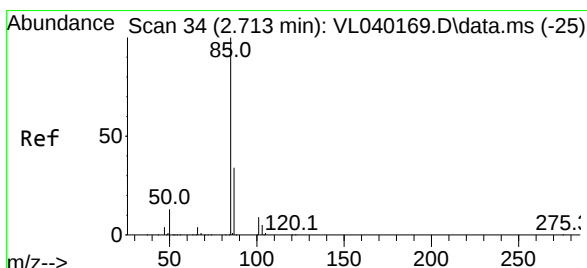
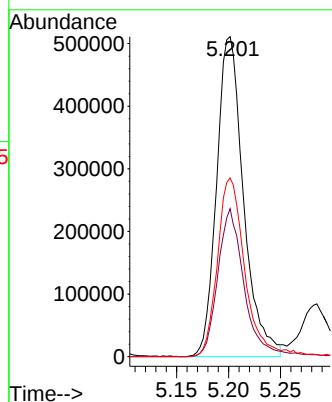
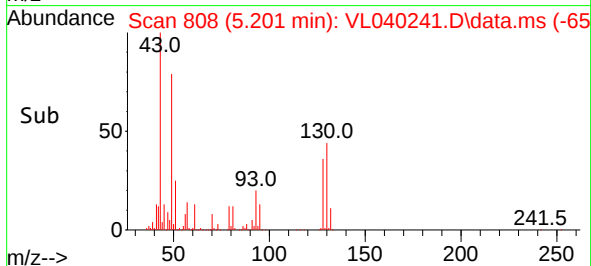
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



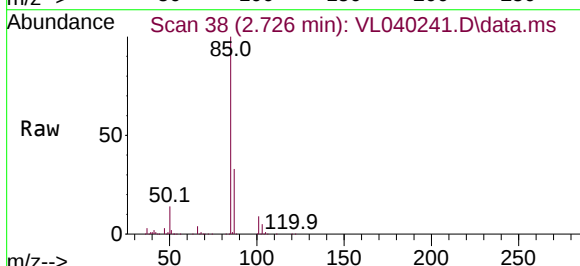
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Ion Ratio Lower Upper
49 100
128 46.0 24.1 72.3
130 58.2 30.9 92.8

Manual Integrations
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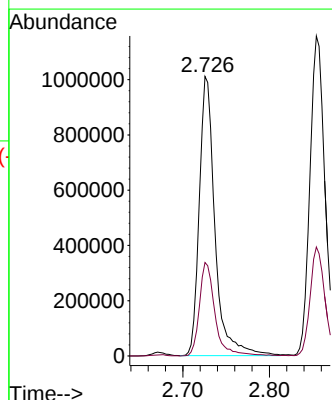
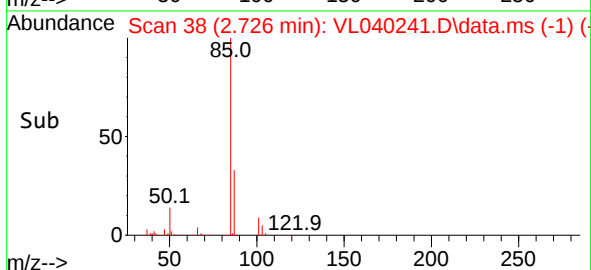
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

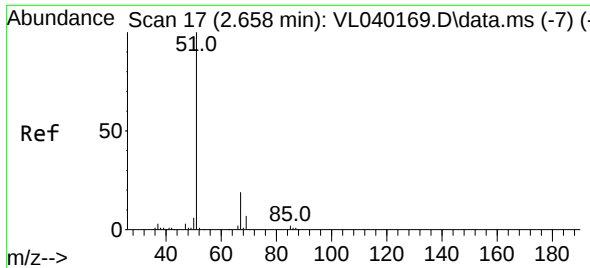


#2
Dichlorodifluoromethane
Concen: 7.418 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



Tgt Ion: 85 Resp: 1273130
Ion Ratio Lower Upper
85 100
87 33.5 27.0 40.6





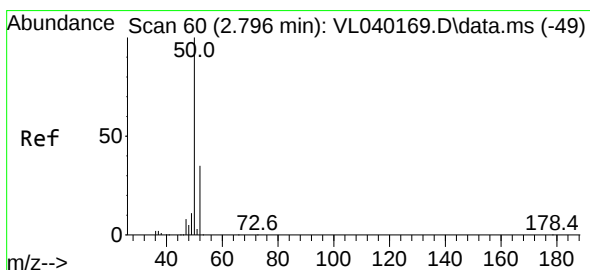
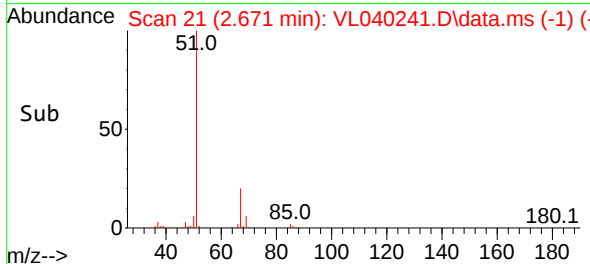
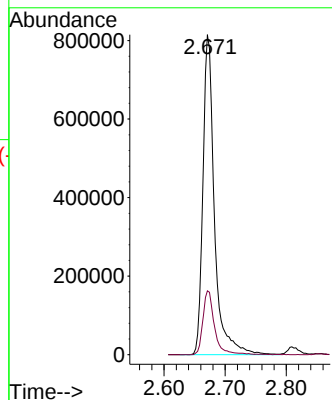
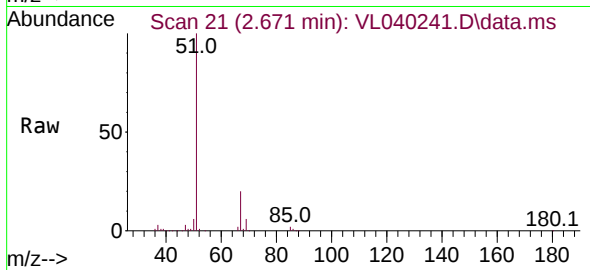
#3
Chlorodifluoromethane
Concen: 9.709 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 106813
Ion Ratio Lower Upper
51 100
67 20.2 15.4 23.2

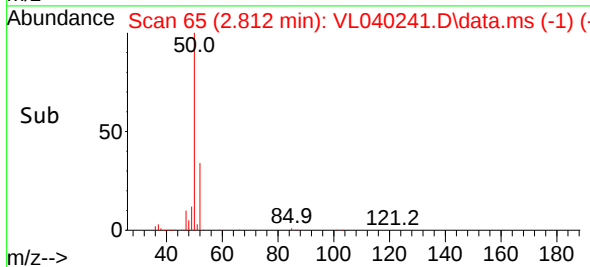
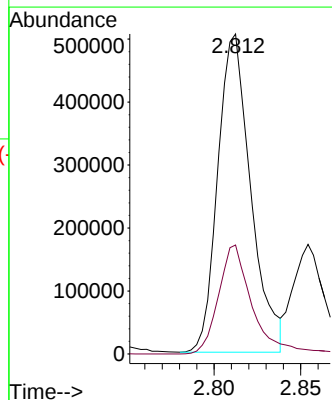
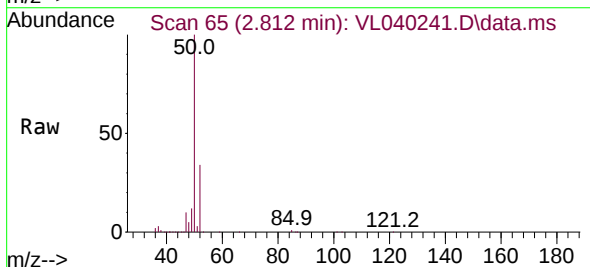
Manual Integrations
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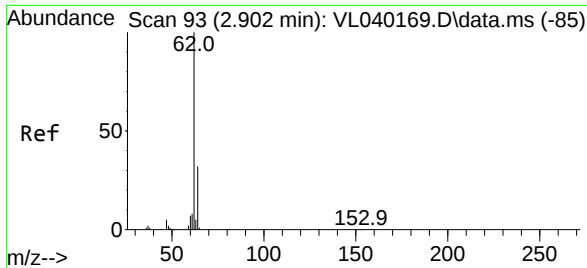
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#4
Chloromethane
Concen: 9.714 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 50 Resp: 671270
Ion Ratio Lower Upper
50 100
52 34.2 28.3 42.5





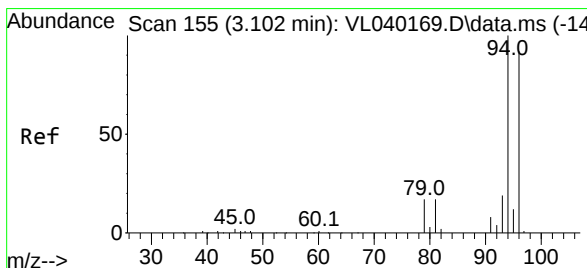
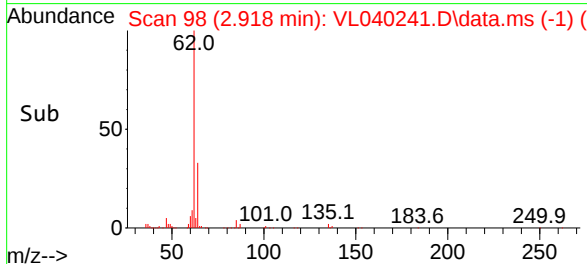
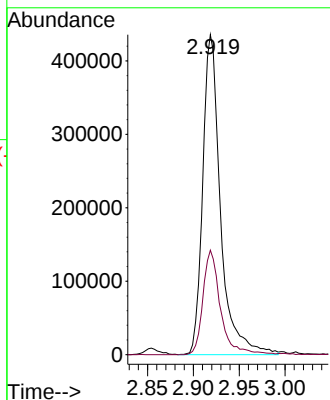
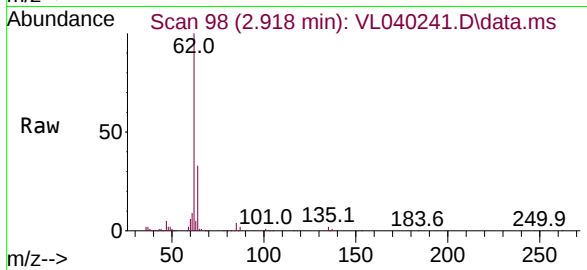
#5
 Vinyl Chloride
 Concen: 10.607 ppbv
 RT: 2.918 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 588990
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.6 38.4

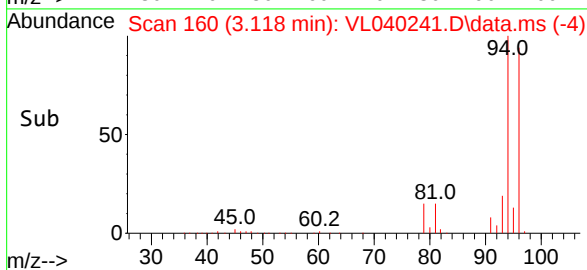
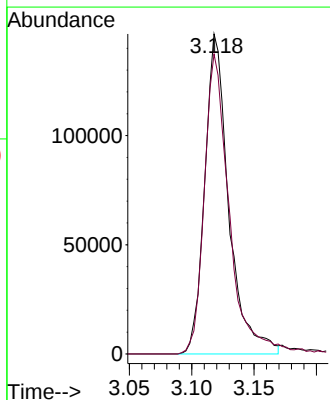
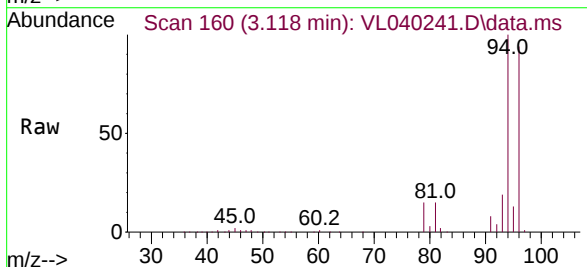
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 Supervised By :Mahesh Dadoda 03/01/2023



#6
 Bromomethane
 Concen: 9.840 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

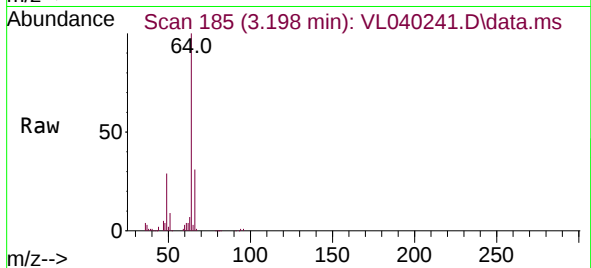
Tgt Ion: 94 Resp: 197210
 Ion Ratio Lower Upper
 94 100
 96 93.7 73.4 110.2





#7
Chloroethane
Concen: 10.175 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

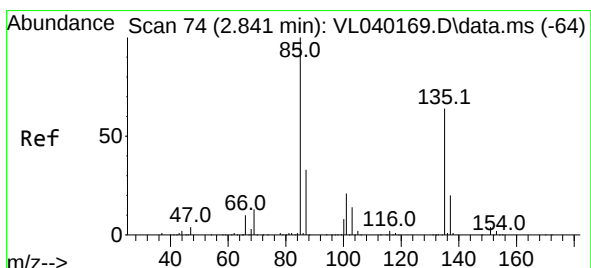
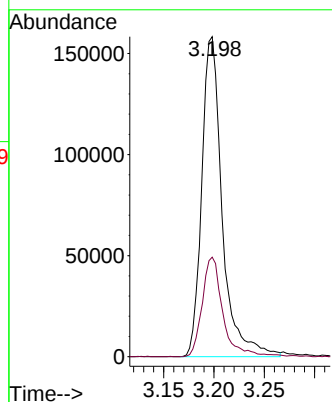
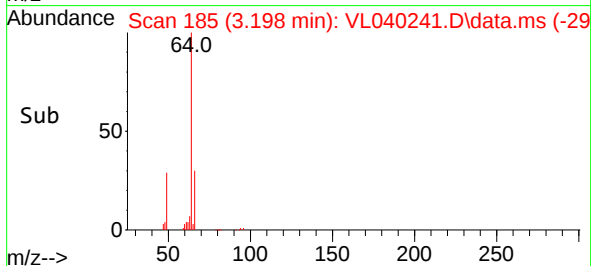
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 224063
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2

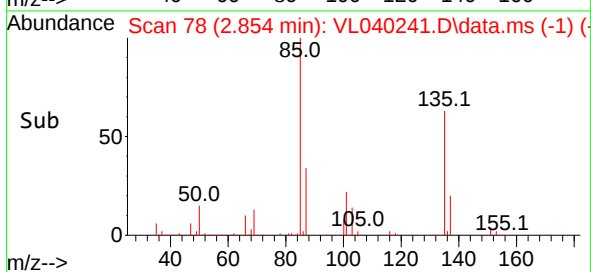
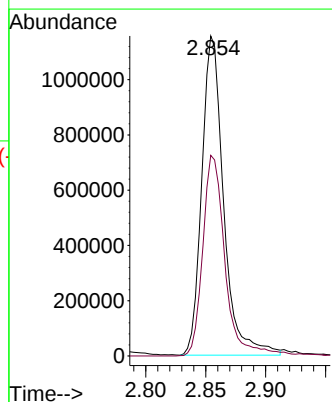
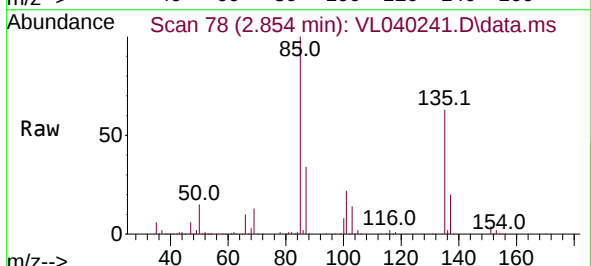
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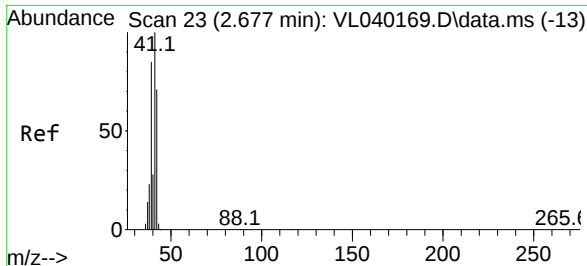
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#8
Dichlorotetrafluoroethane
Concen: 9.915 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

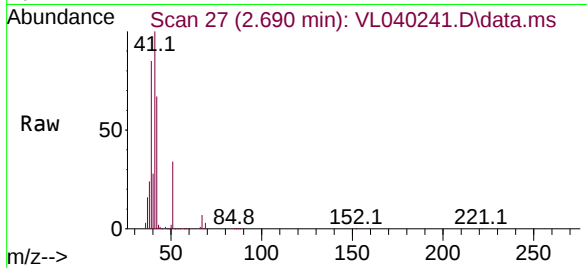
Tgt Ion: 85 Resp: 1466336
Ion Ratio Lower Upper
85 100
135 65.0 51.5 77.3





#9
 Propene
 Concen: 9.627 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

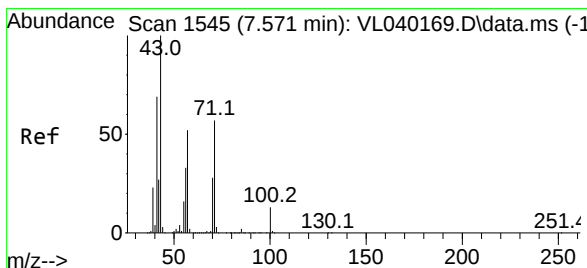
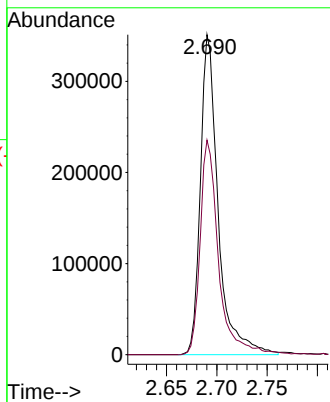
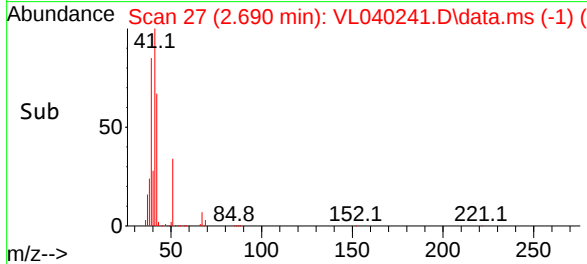
Instrument :
 MSVOA_L
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 VSTDCCC010



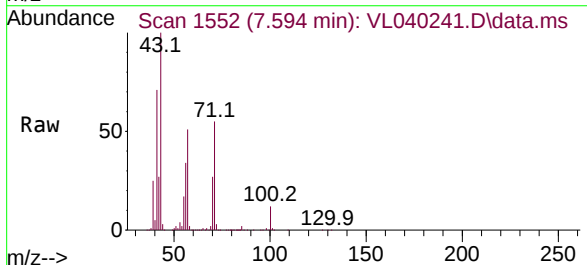
Tgt Ion: 41 Resp: 43171
 Ion Ratio Lower Upper
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 42 69.9 56.9 85.3

Manual Integrations
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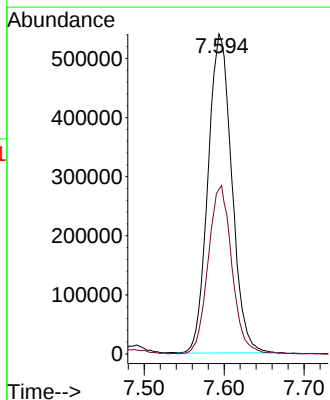
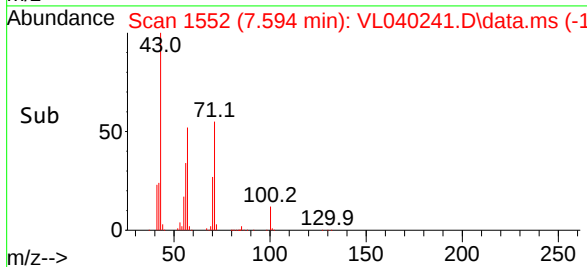
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 Supervised By :Mahesh Dadoda 03/01/2023

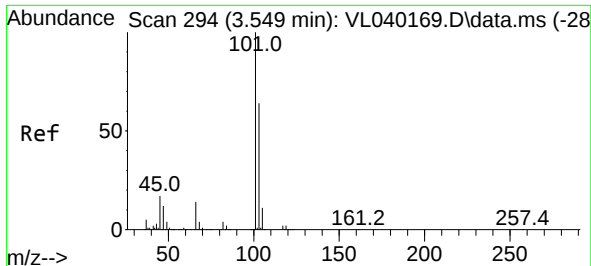


#10
 Heptane
 Concen: 10.441 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59



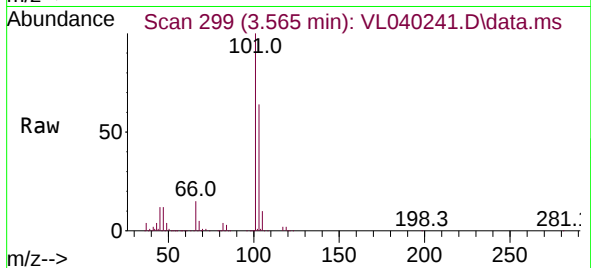
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 Ion Ratio Lower Upper
 43 100
 57 52.8 41.4 62.2





#11
Trichlorofluoromethane
Concen: 10.374 ppbv
RT: 3.565 min Scan# 294
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

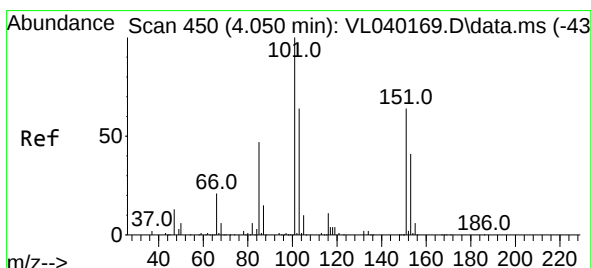
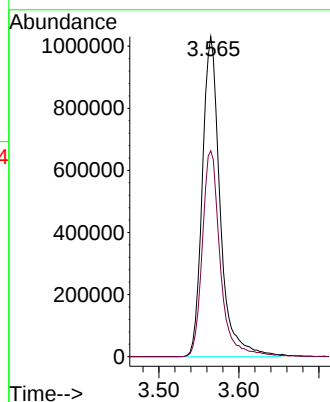
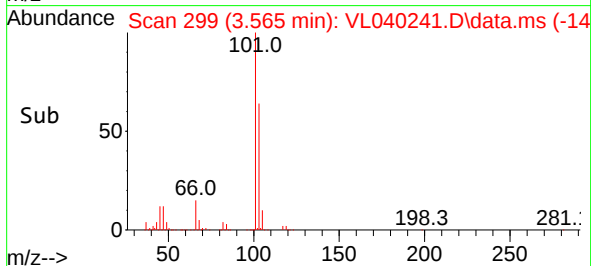
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



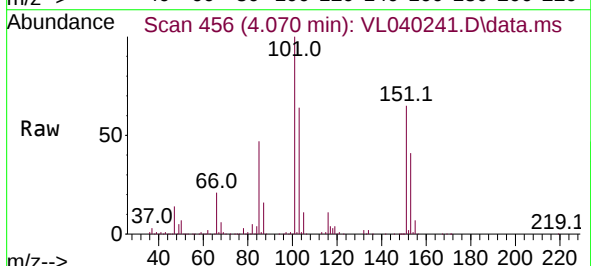
Tgt Ion:101 Resp: 1597670
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

Manual Integrations
APPROVED

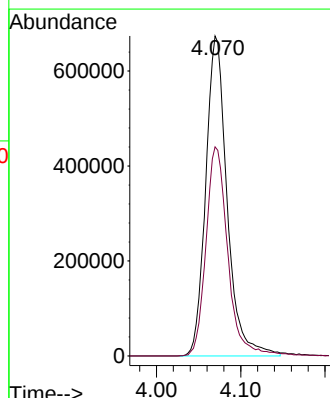
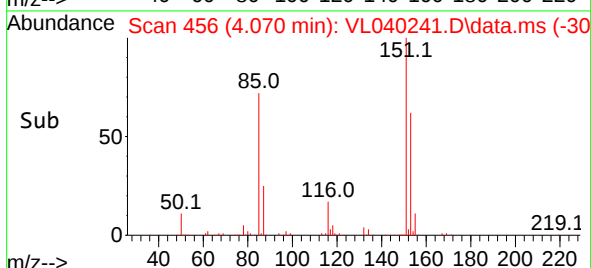
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

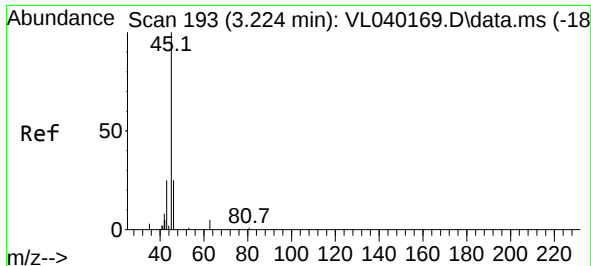


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.475 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



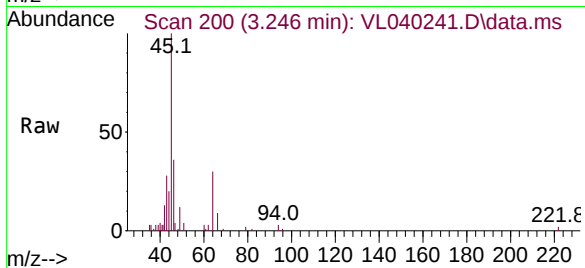
Tgt Ion:101 Resp: 1190021
Ion Ratio Lower Upper
101 100
151 67.1 54.7 82.1





#13
Ethanol
Concen: 7.901 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

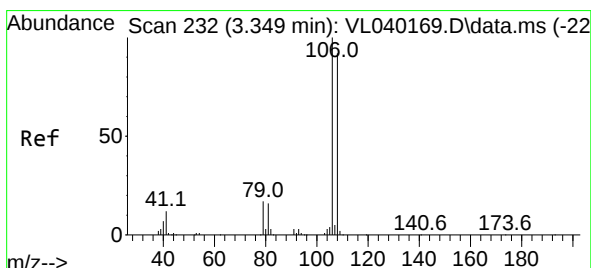
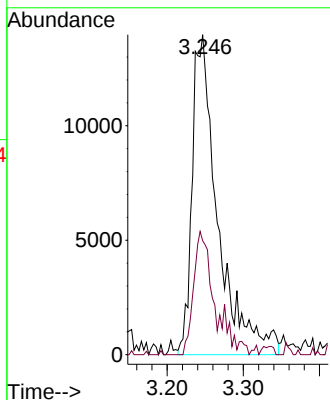
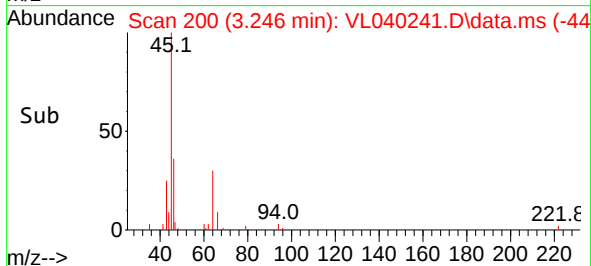
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



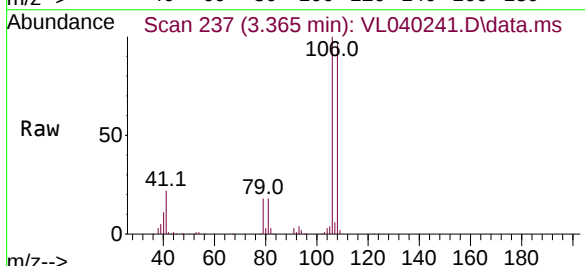
Tgt Ion: 45 Resp: 32610
Ion Ratio Lower Upper
45 100
46 31.7 13.3 53.1

Manual Integrations
APPROVED

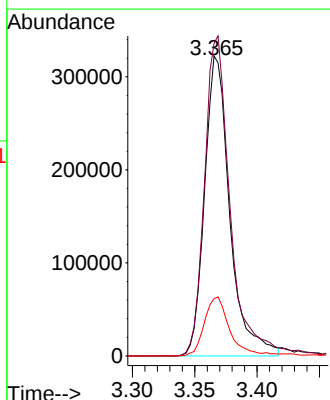
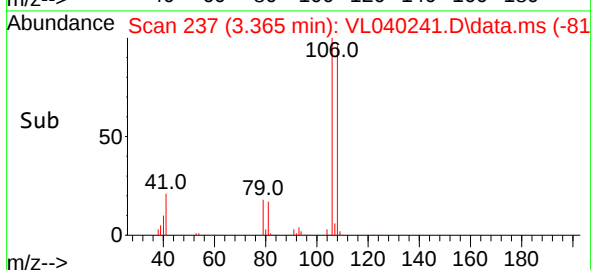
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#14
Bromoethene
Concen: 10.431 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



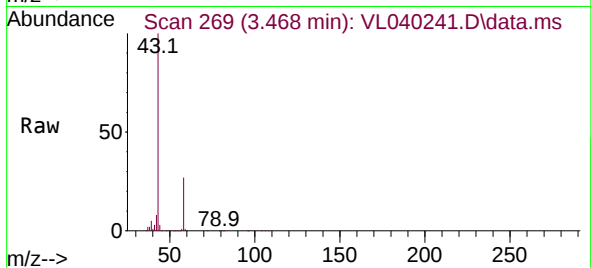
Tgt Ion:108 Resp: 454447
Ion Ratio Lower Upper
108 100
106 110.7 87.1 130.7
79 20.8 15.4 23.2





#15
Acetone
Concen: 9.404 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

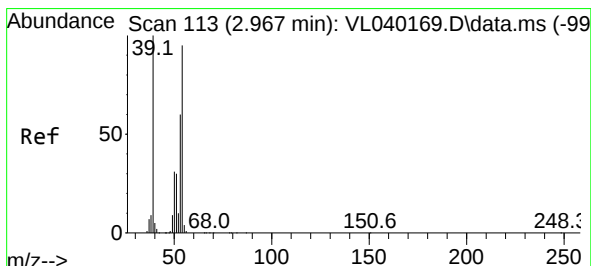
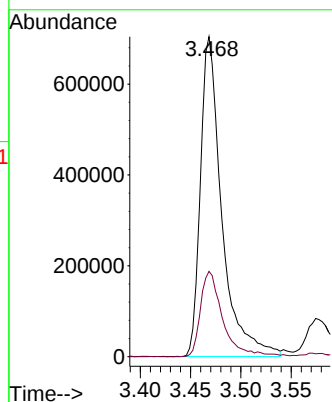
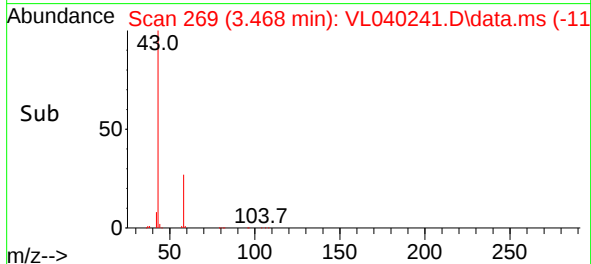
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1042639
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6

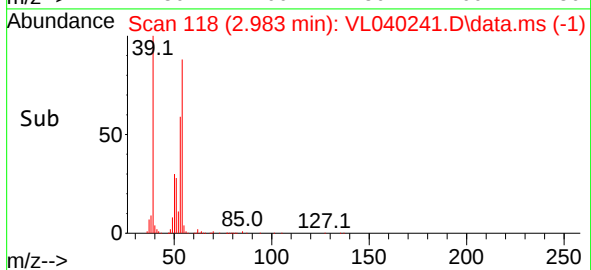
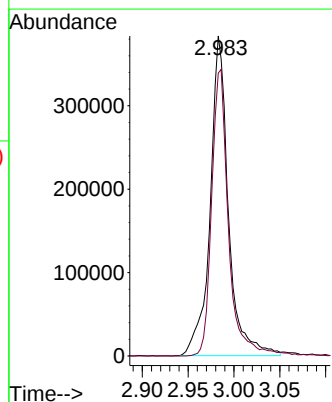
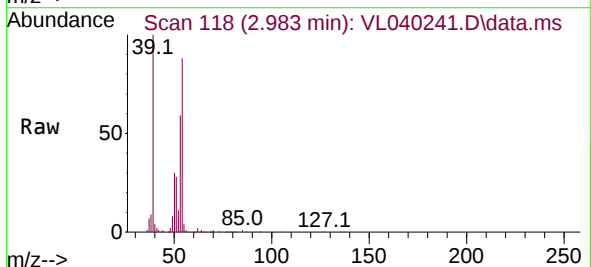
Manual Integrations
APPROVED

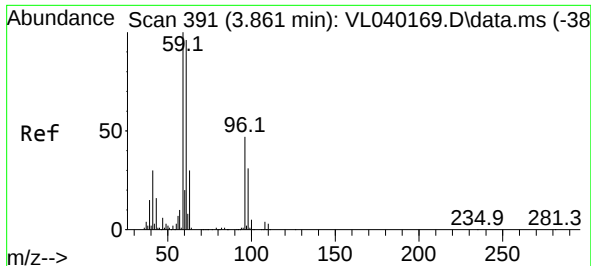
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#16
1,3-Butadiene
Concen: 10.489 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 39 Resp: 531108
Ion Ratio Lower Upper
39 100
54 83.2 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.913 ppbv

RT: 3.880 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1103430

Ion Ratio Lower Upper

59 100

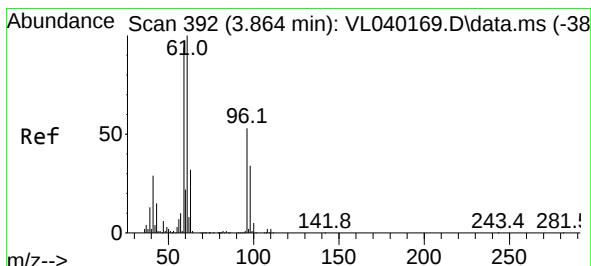
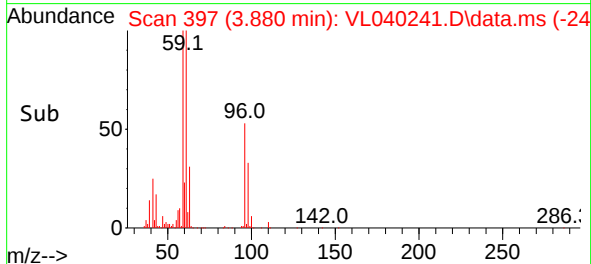
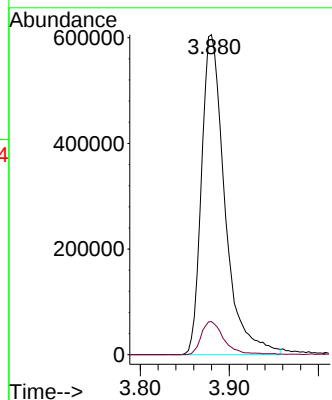
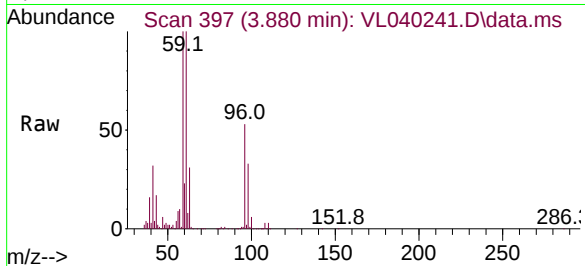
57 10.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#18

1,1-Dichloroethene

Concen: 10.487 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

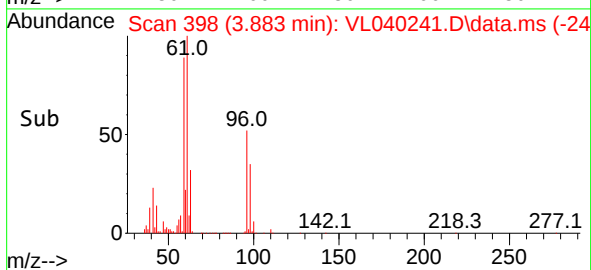
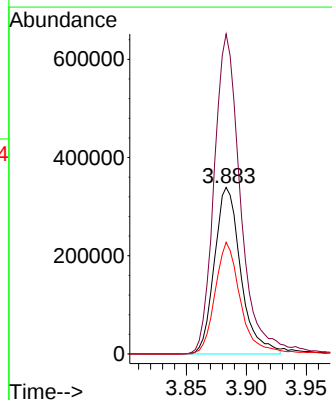
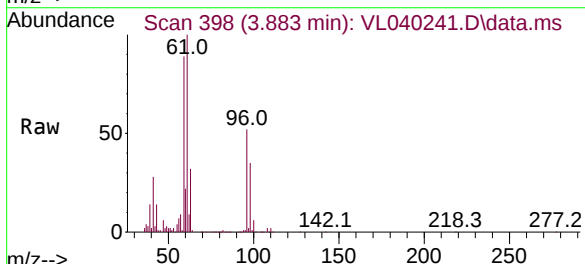
Tgt Ion: 96 Resp: 517681

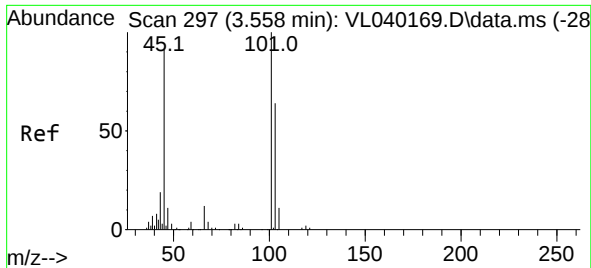
Ion Ratio Lower Upper

96 100

61 192.2 149.6 224.4

98 67.1 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.663 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 509289

Ion Ratio Lower Upper

45 100

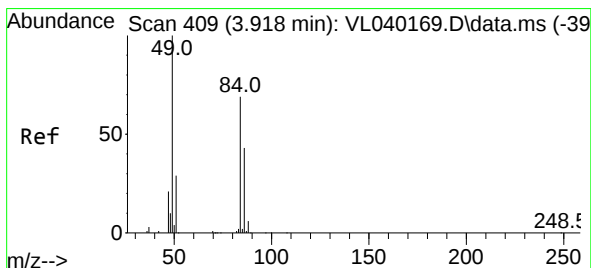
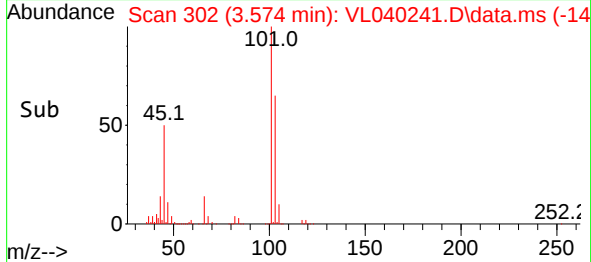
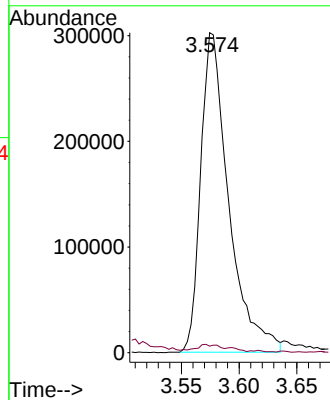
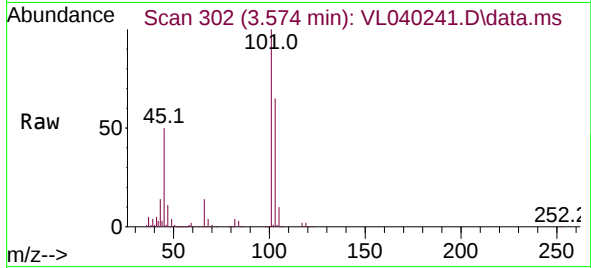
58 4.2 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#20

Methylene Chloride

Concen: 7.683 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Tgt Ion: 84 Resp: 443447

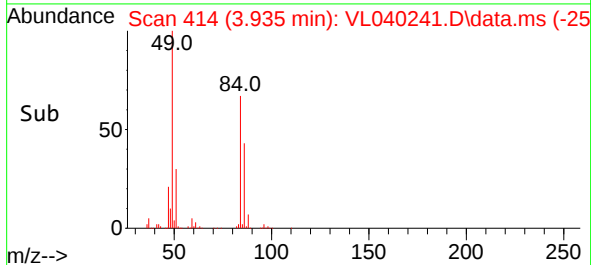
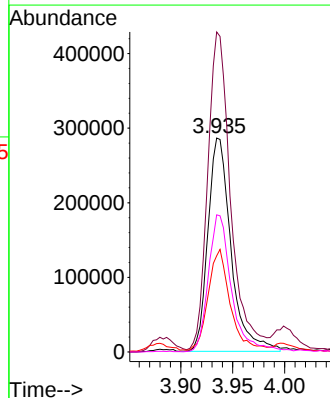
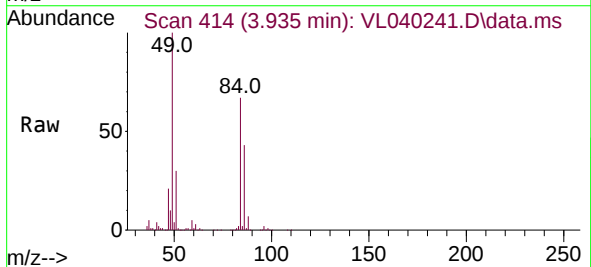
Ion Ratio Lower Upper

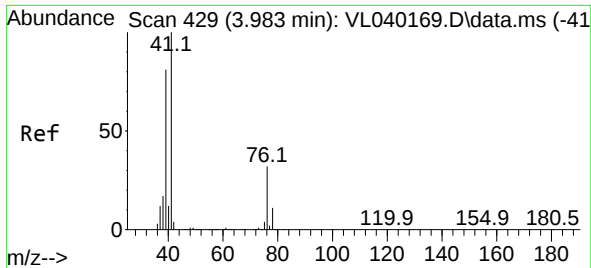
84 100

49 147.8 115.5 173.3

51 44.2 33.1 49.7

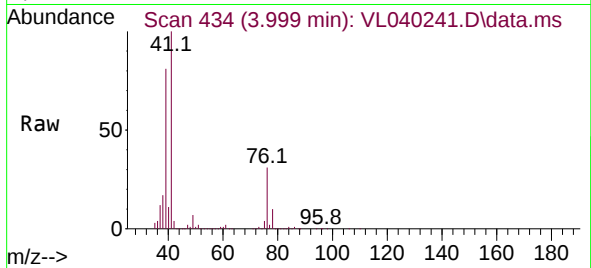
86 64.1 50.2 75.2





#21
 Allyl Chloride
 Concen: 10.582 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

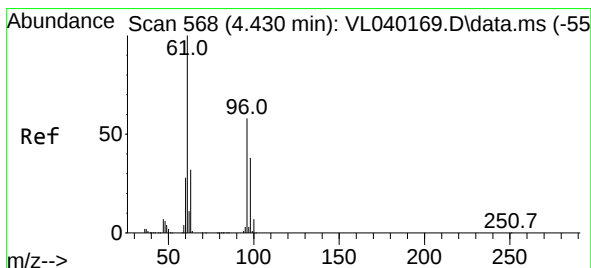
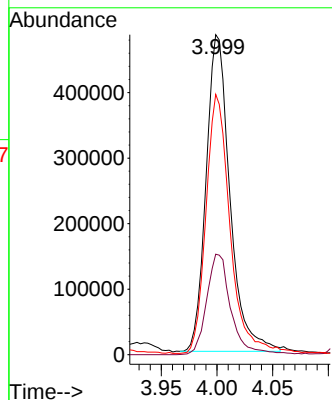
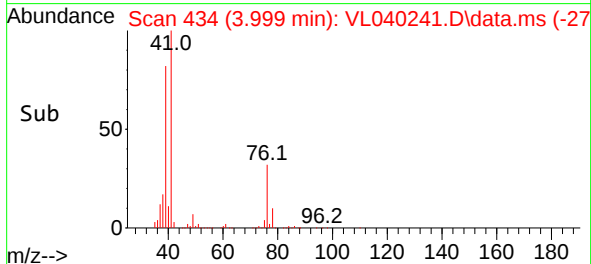
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 719589
 Ion Ratio Lower Upper
 41 100
 76 32.2 25.5 38.3
 39 84.3 64.5 96.7

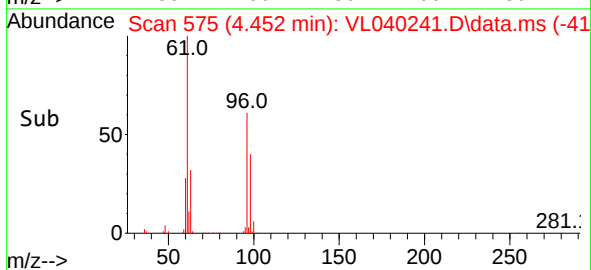
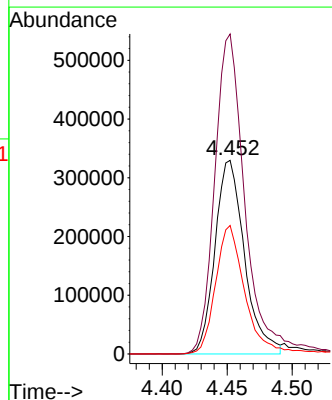
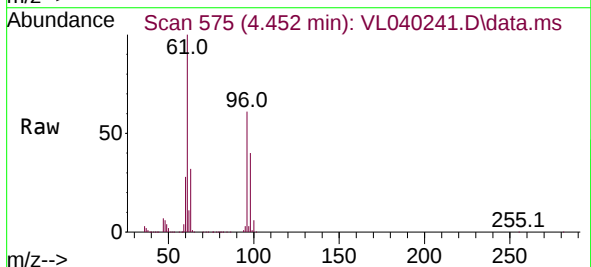
Manual Integrations
 APPROVED

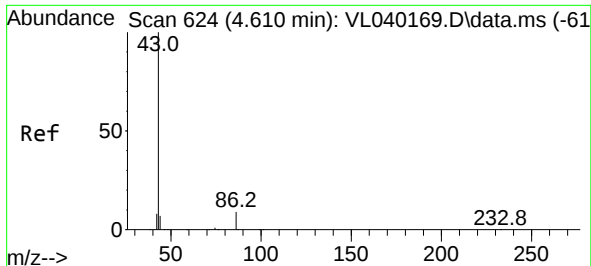
Reviewed By :Semsettin Yesilyurt 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.204 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 96 Resp: 521575
 Ion Ratio Lower Upper
 96 100
 61 165.2 137.5 206.3
 98 66.4 52.8 79.2





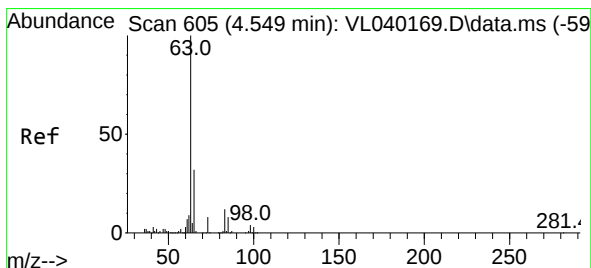
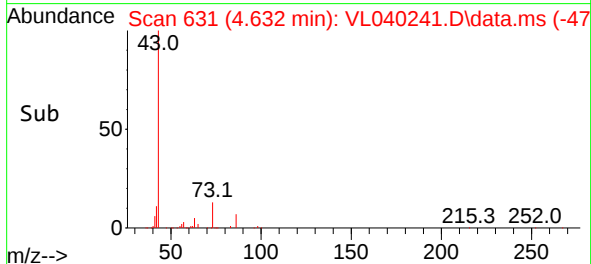
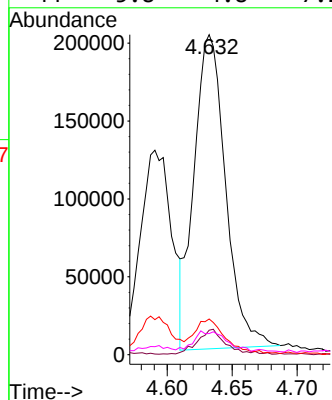
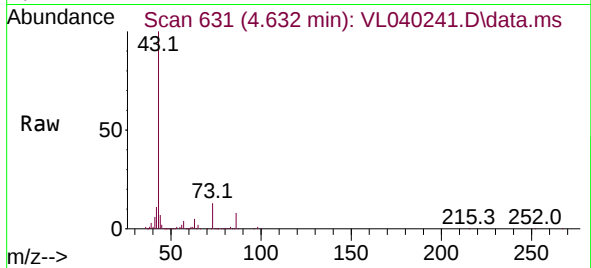
#23
 Vinyl Acetate
 Concen: 10.125 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 340700
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.6 8.4
 42 11.1 7.6 11.4
 44 5.8 4.8 7.2

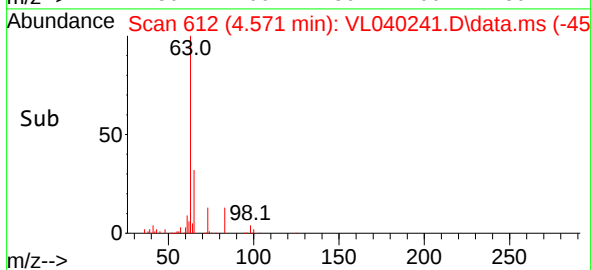
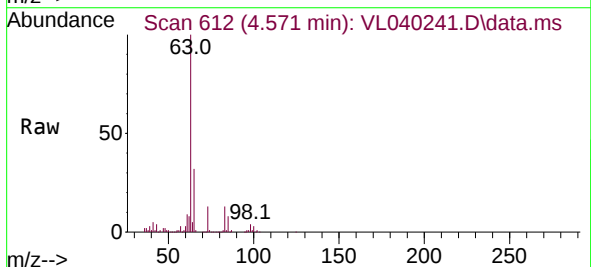
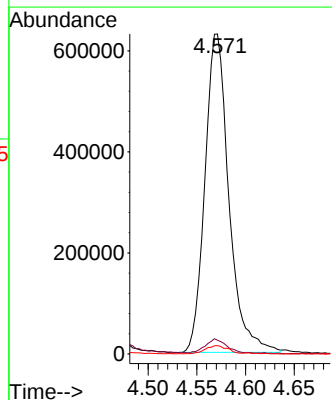
Manual Integrations
 APPROVED

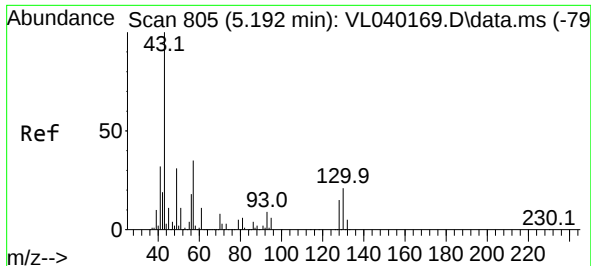
Reviewed By :Semsettin Yesilyurt 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023



#24
 1,1-Dichloroethane
 Concen: 10.250 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

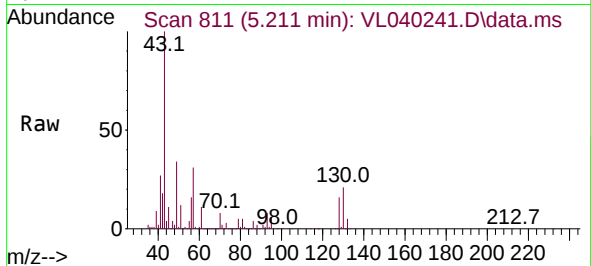
Tgt Ion: 63 Resp: 1078062
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.3 6.8
 100 2.6 1.4 4.0





#25
Ethyl Acetate
Concen: 9.568 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

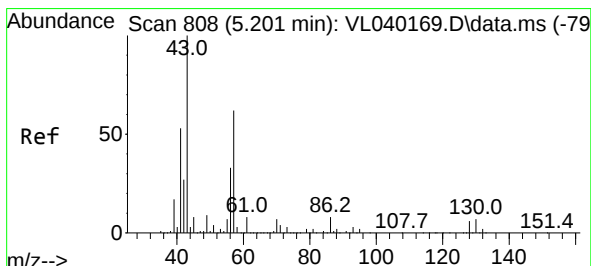
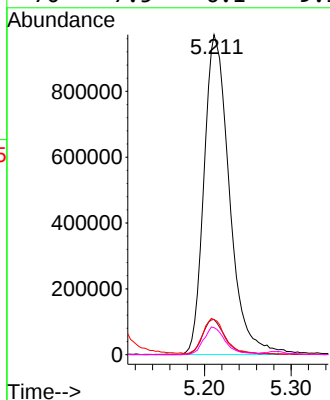
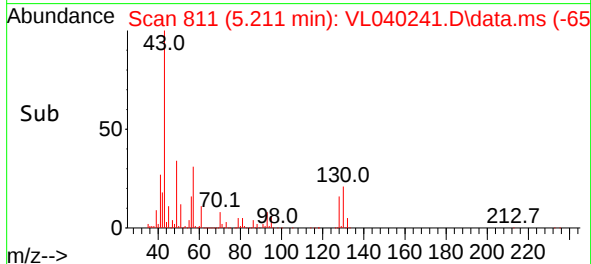
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



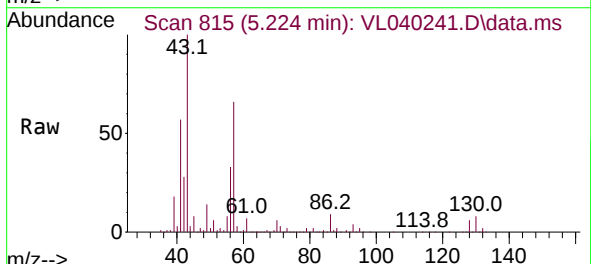
Tgt Ion: 43 Resp: 1972138
Ion Ratio Lower Upper
43 100
45 10.3 8.3 12.5
61 10.2 8.4 12.6
70 7.5 6.1 9.1

Manual Integrations
APPROVED

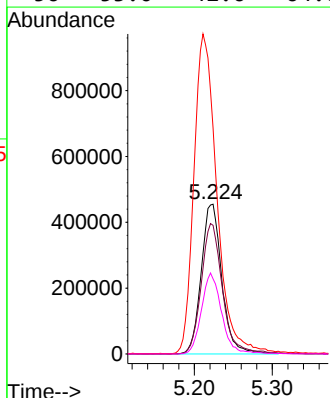
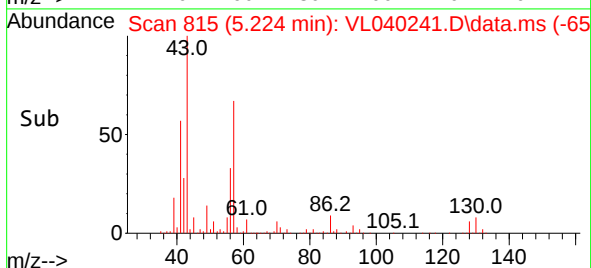
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

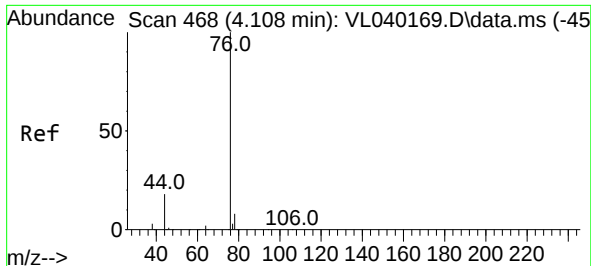


#26
Hexane
Concen: 9.469 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



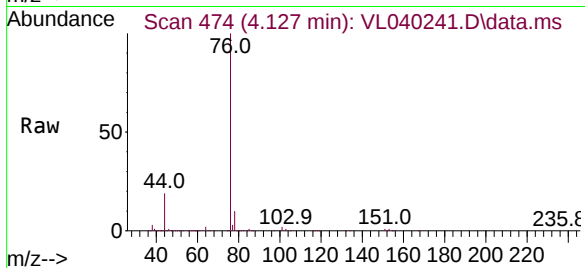
Tgt Ion: 57 Resp: 837795
Ion Ratio Lower Upper
57 100
41 90.1 74.3 111.5
43 238.7 193.0 289.4
56 53.0 42.6 64.0





#27
Carbon Disulfide
Concen: 11.705 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

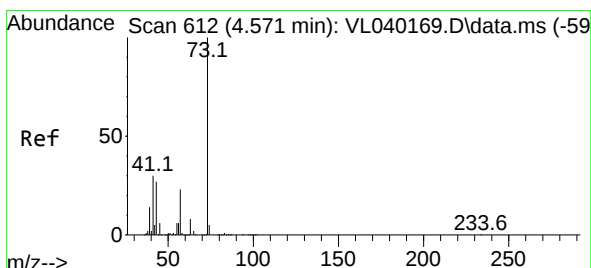
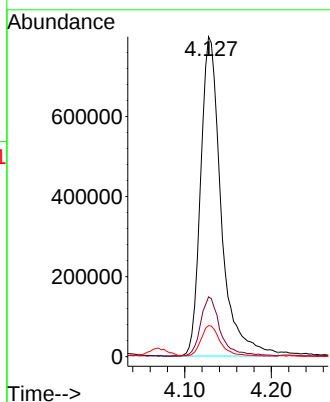
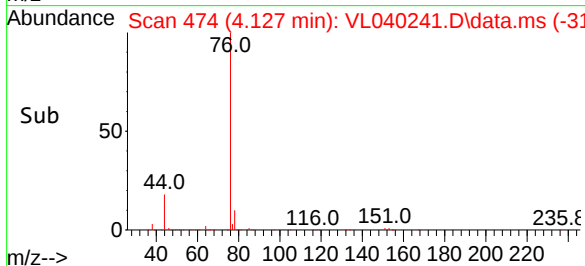
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



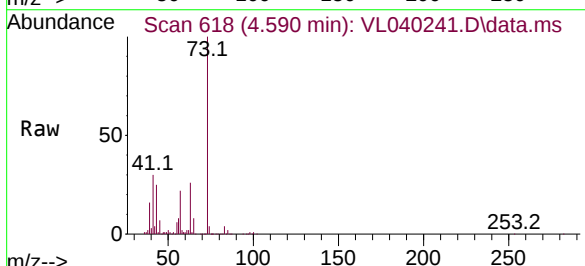
Tgt Ion: 76 Resp: 131415
Ion Ratio Lower Upper
76 100
44 18.1 15.3 22.9
78 9.8 7.7 11.5

Manual Integrations
APPROVED

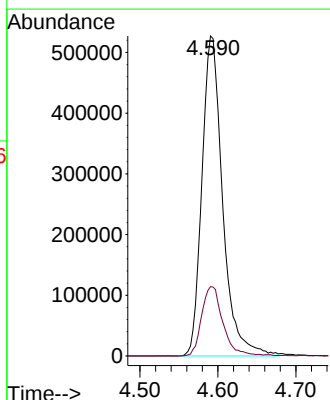
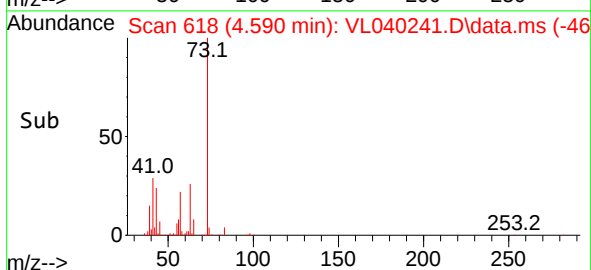
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

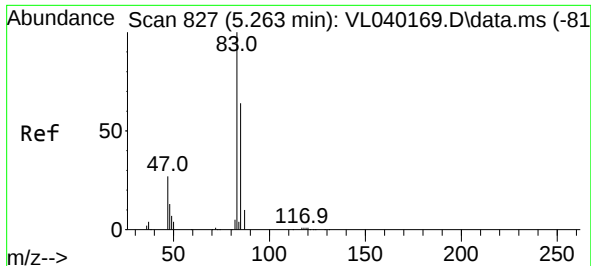


#28
Methyl tert-Butyl Ether
Concen: 10.268 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



Tgt Ion: 73 Resp: 973452
Ion Ratio Lower Upper
73 100
57 22.4 18.8 28.2





#29

Chloroform

Concen: 9.820 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1491880

Ion Ratio Lower Upper

83 100

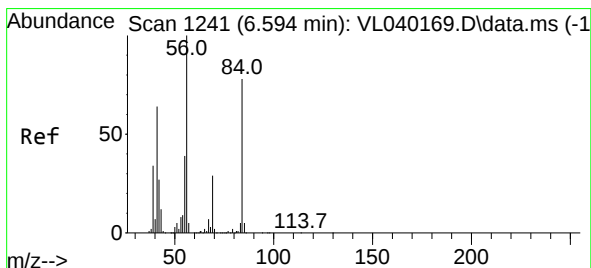
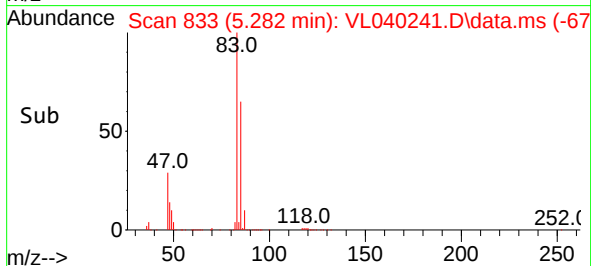
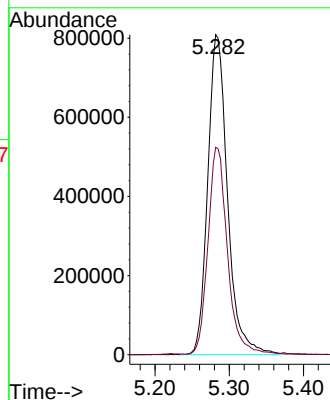
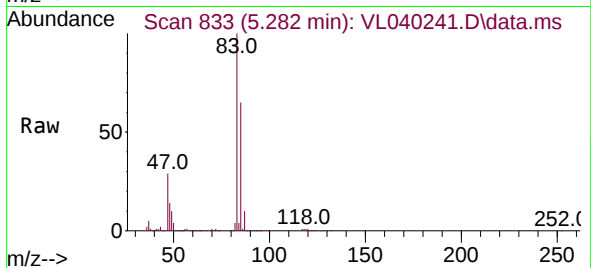
85 64.6 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#30

Cyclohexane

Concen: 10.373 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

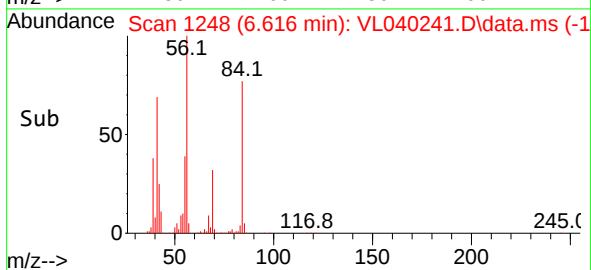
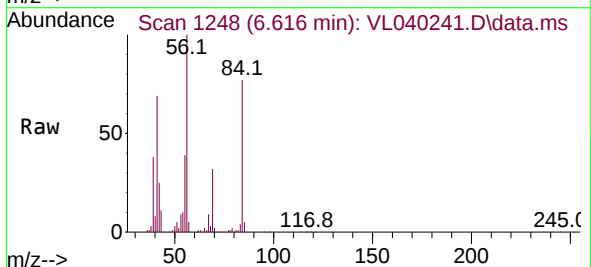
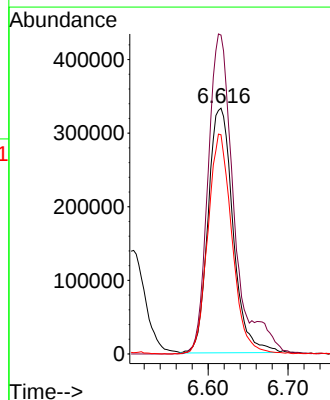
Tgt Ion: 84 Resp: 720685

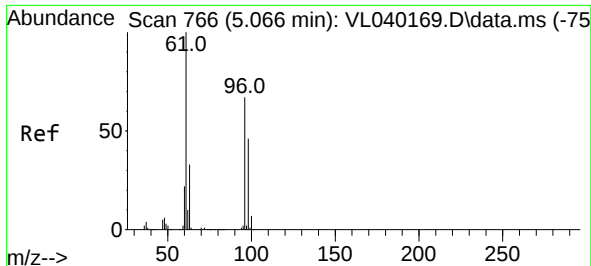
Ion Ratio Lower Upper

84 100

56 137.1 109.9 164.9

41 87.4 67.8 101.6





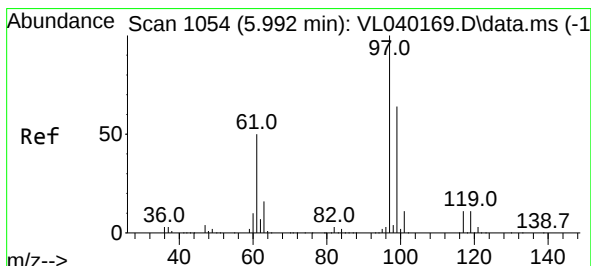
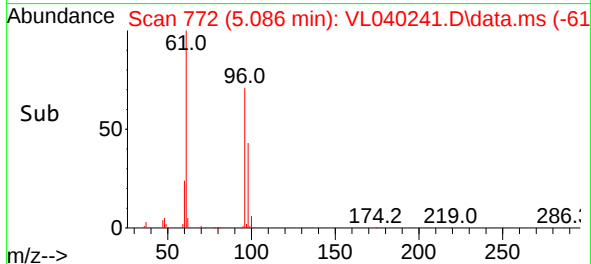
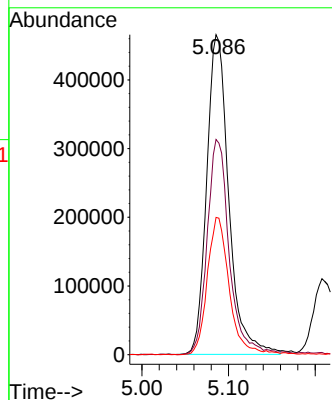
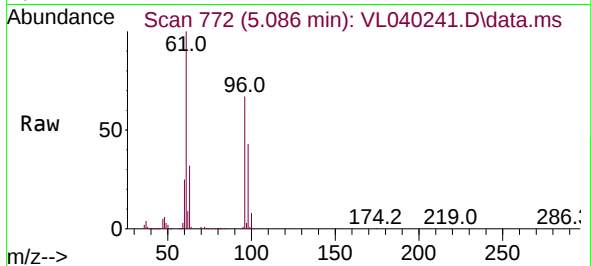
#31
 cis-1,2-Dichloroethene
 Concen: 9.814 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 82506
 Ion Ratio Lower Upper
 61 100
 96 67.3 53.7 80.5
 98 42.9 36.4 54.6

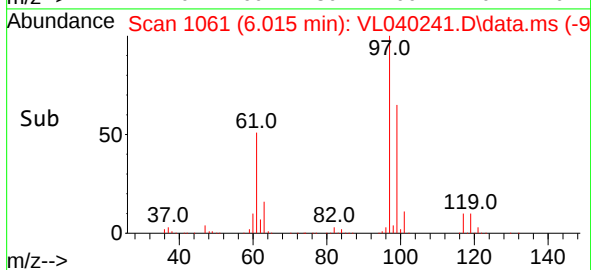
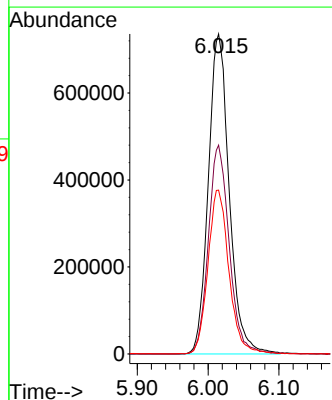
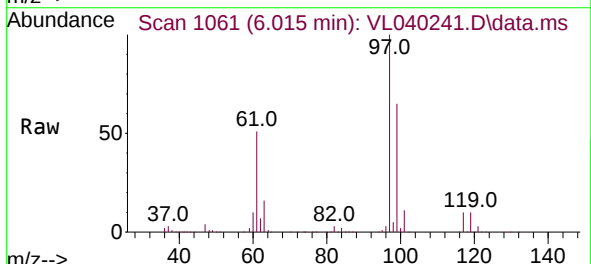
Manual Integrations
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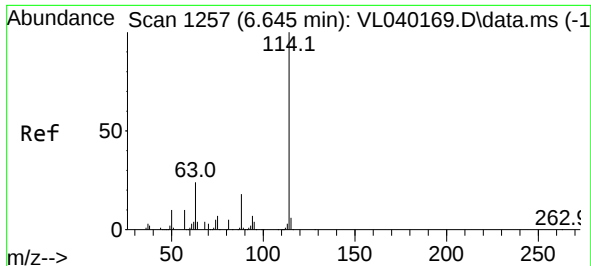
Reviewed By :Semsettin Yesilyurt 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.559 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 97 Resp: 1507275
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.5 77.3
 61 51.8 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 241211

Ion Ratio Lower Upper

114 100

63 26.4 20.4 30.6

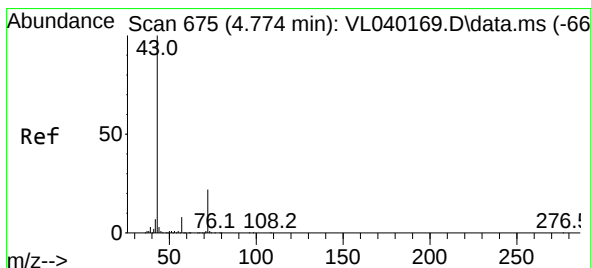
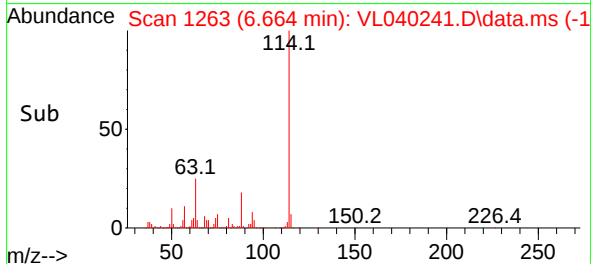
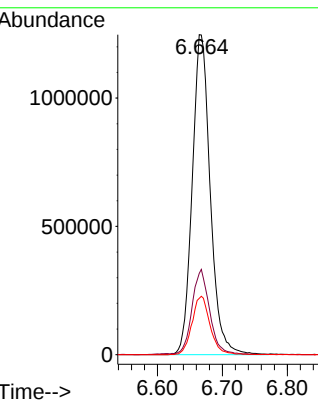
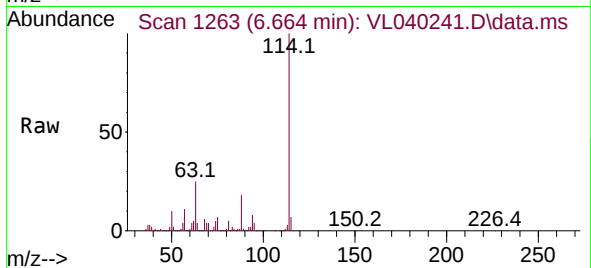
88 18.4 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#34

2-Butanone

Concen: 9.885 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.000 min

Lab File: VL040241.D

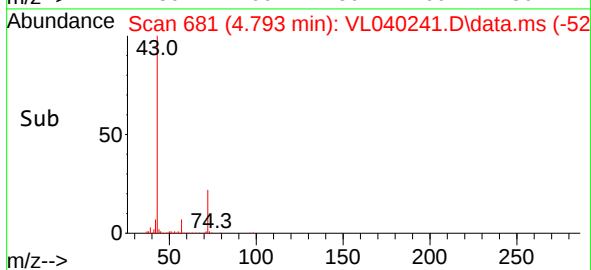
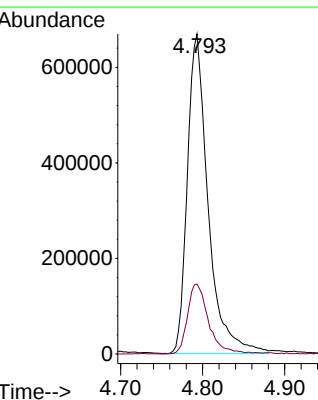
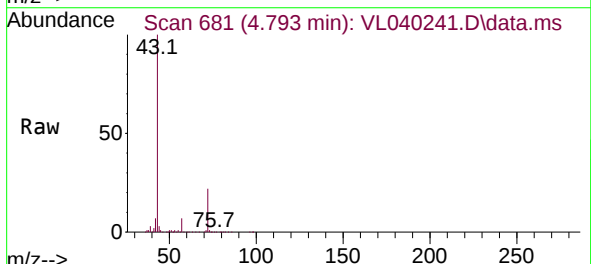
Acq: 28 Feb 2023 8:59

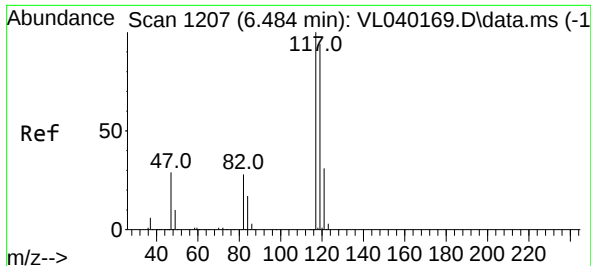
Tgt Ion: 43 Resp: 1176164

Ion Ratio Lower Upper

43 100

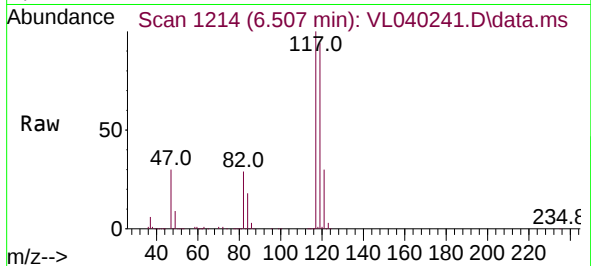
72 22.4 17.8 26.8





#35
Carbon Tetrachloride
Concen: 11.179 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

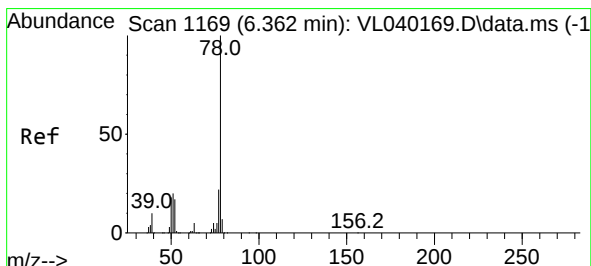
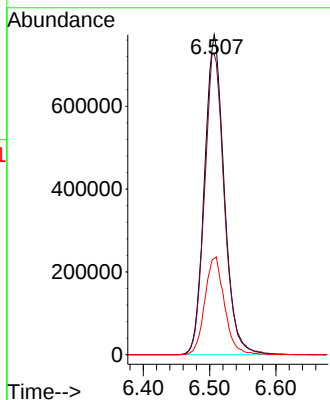
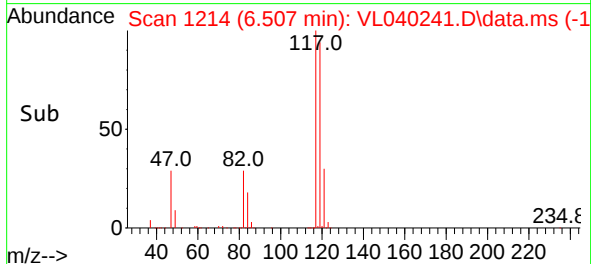
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



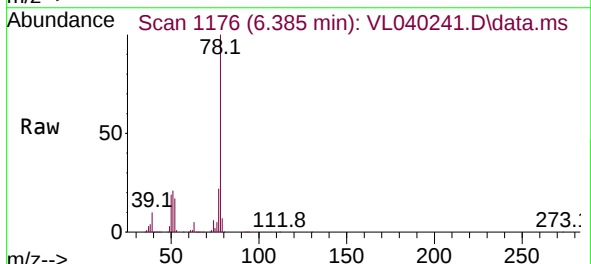
Tgt Ion:117 Resp: 159405
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 30.1 25.0 37.4

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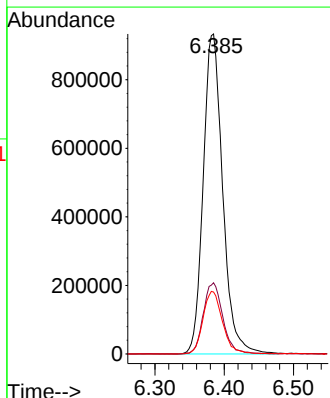
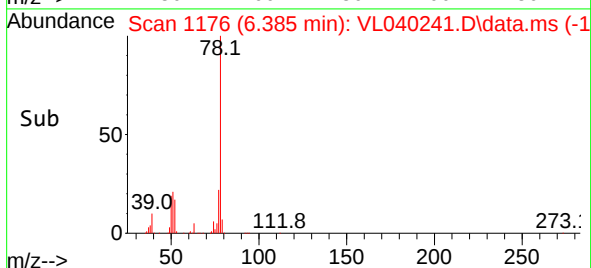
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

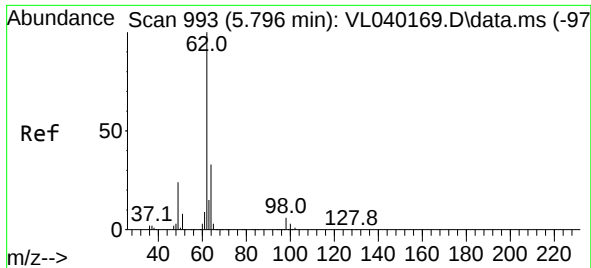


#36
Benzene
Concen: 9.688 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



Tgt Ion: 78 Resp: 1818599
Ion Ratio Lower Upper
78 100
77 22.3 17.5 26.3
50 19.3 14.6 22.0





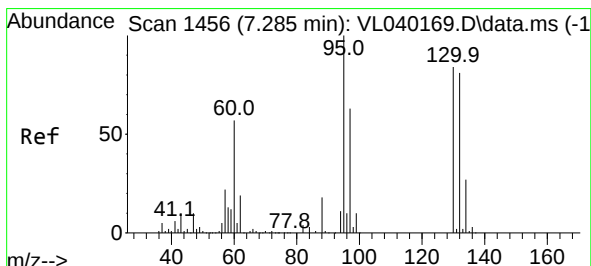
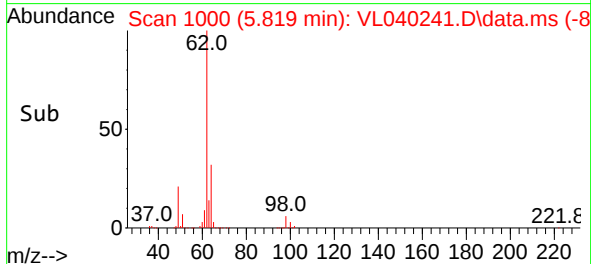
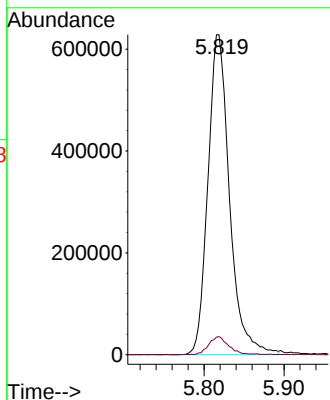
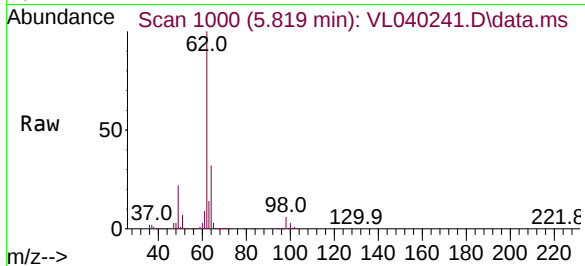
#37
1,2-Dichloroethane
Concen: 10.037 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 117836
Ion Ratio Lower Upper
62 100
98 5.4 4.7 7.1

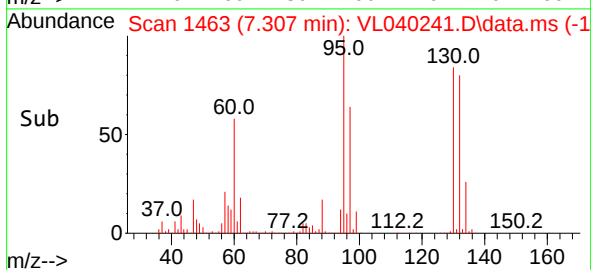
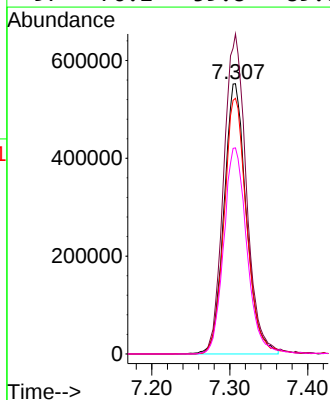
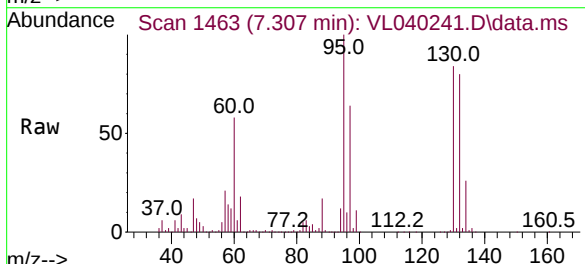
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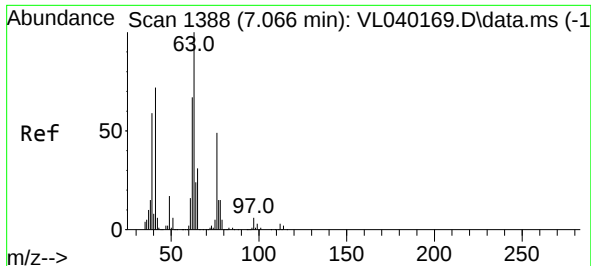
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#38
Trichloroethene
Concen: 10.618 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion:130 Resp: 1098346
Ion Ratio Lower Upper
130 100
95 118.4 94.7 142.1
132 94.6 76.4 114.6
97 76.2 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.740 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 711260

Ion Ratio Lower Upper

63 100

41 74.1 57.6 86.4

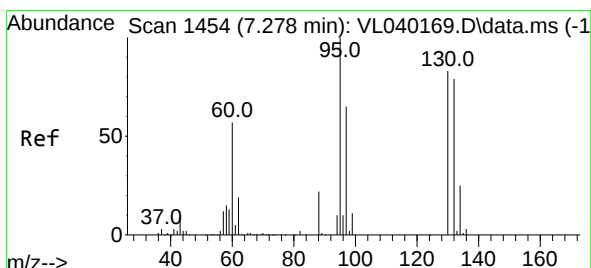
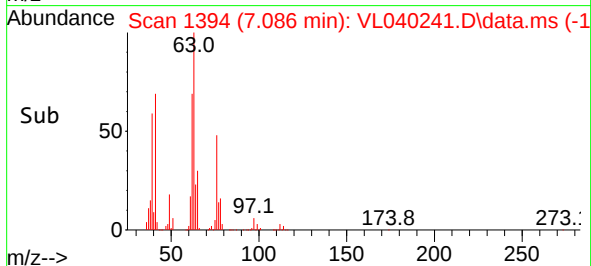
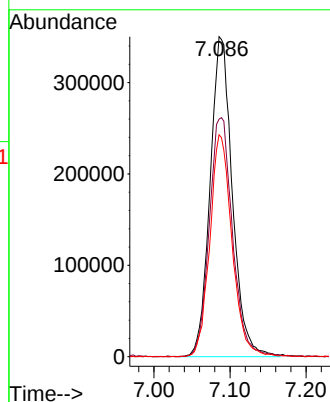
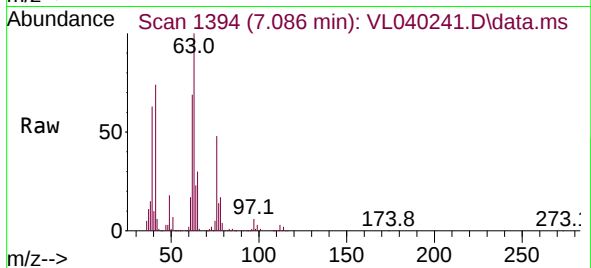
62 69.4 54.0 81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#40

1,4-Dioxane

Concen: 9.518 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Tgt Ion: 88 Resp: 278026

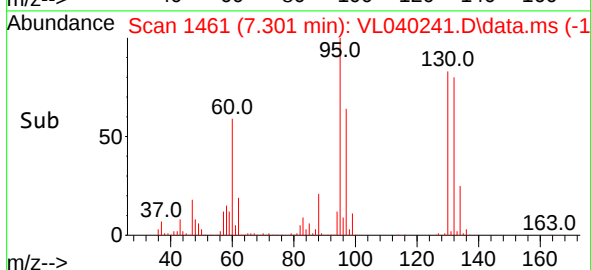
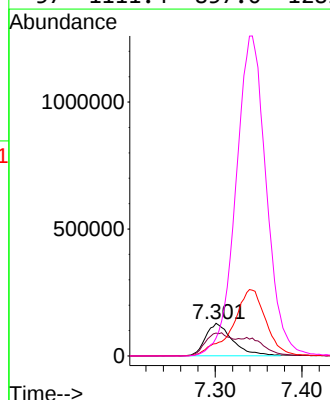
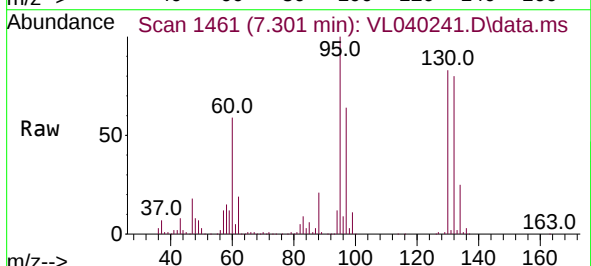
Ion Ratio Lower Upper

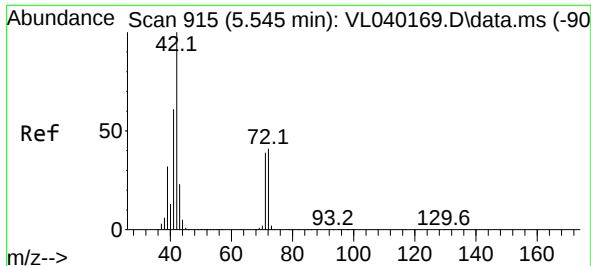
88 100

58 124.3 97.4 146.0

43 251.6 193.5 290.3

57 1111.4 857.0 1285.6





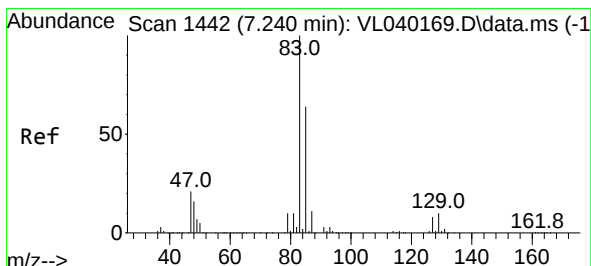
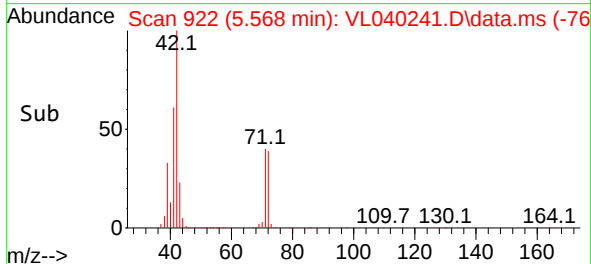
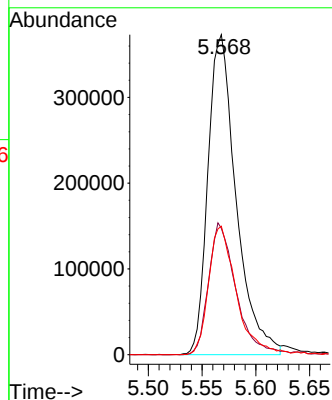
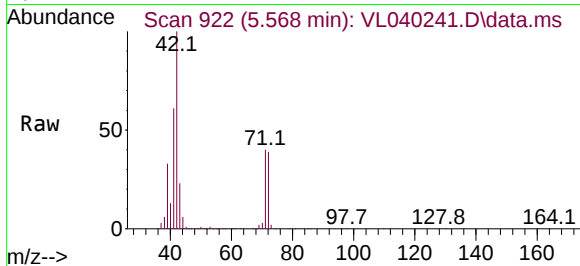
#41
Tetrahydrofuran
Concen: 9.884 ppbv
RT: 5.568 min Scan# 915
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 68154
Ion Ratio Lower Upper
42 100
72 40.6 33.0 49.4
71 40.1 31.4 47.2

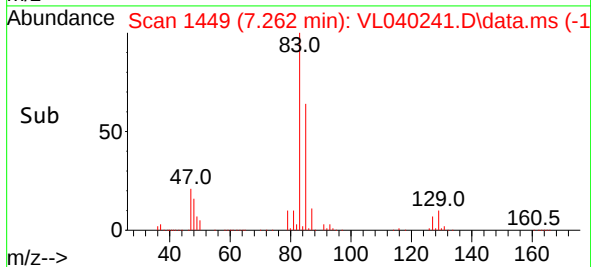
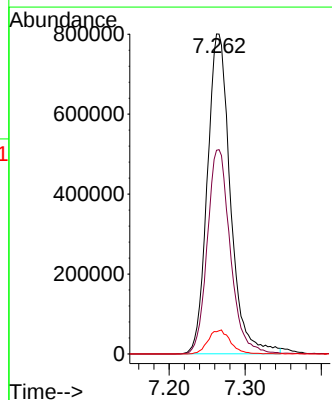
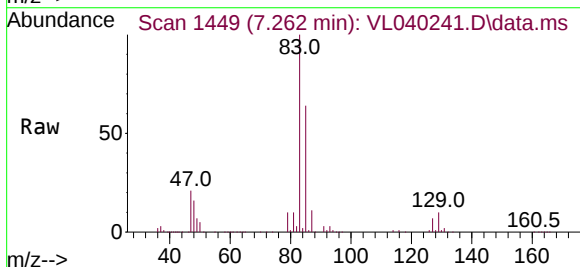
Manual Integrations
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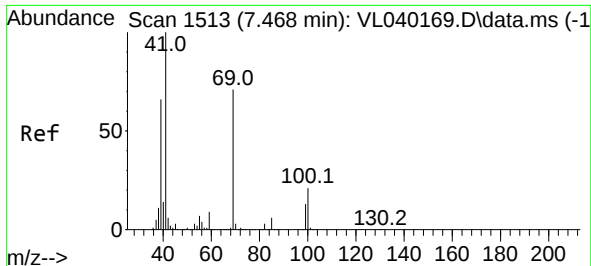
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#42
Bromodichloromethane
Concen: 10.384 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

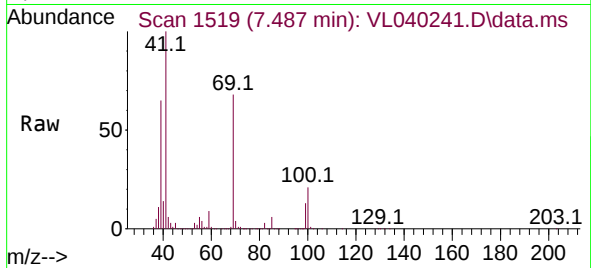
Tgt Ion: 83 Resp: 1682675
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 6.9 6.2 9.2





#43
Methyl Methacrylate
Concen: 10.544 ppbv
RT: 7.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

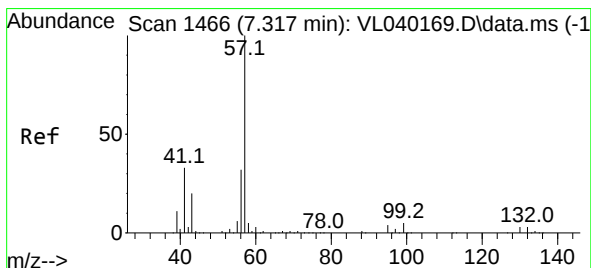
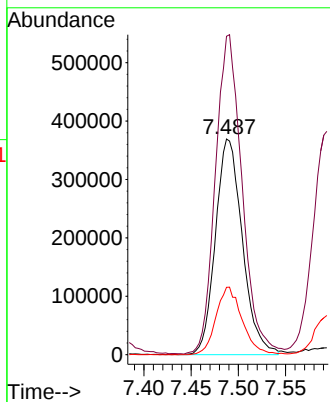
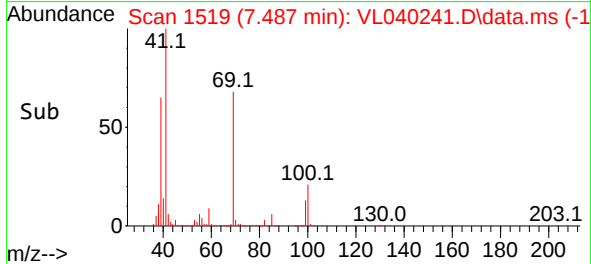
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 732344
Ion Ratio Lower Upper
69 100
41 146.8 116.6 174.8
100 30.5 25.6 38.4

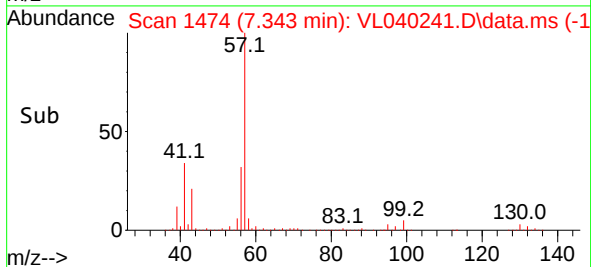
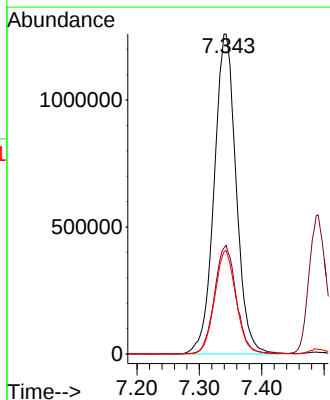
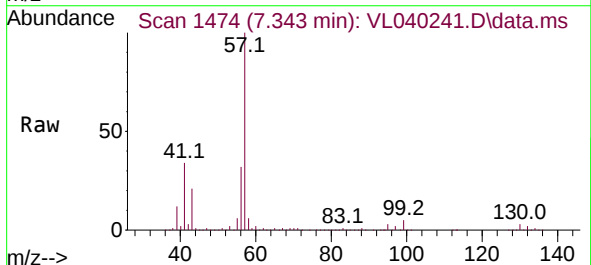
Manual Integrations
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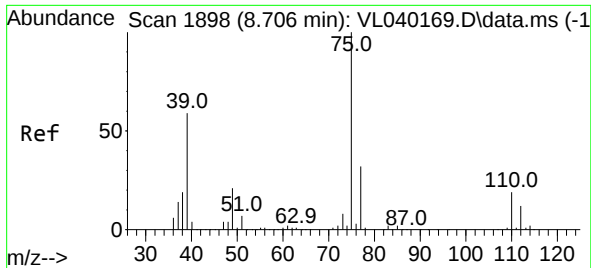
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#44
2,2,4-Trimethylpentane
Concen: 9.848 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 57 Resp: 3085832
Ion Ratio Lower Upper
57 100
41 33.6 26.2 39.4
56 31.5 24.9 37.3





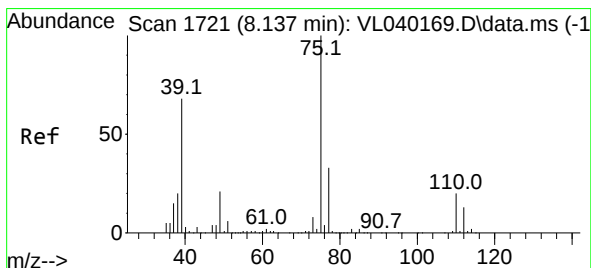
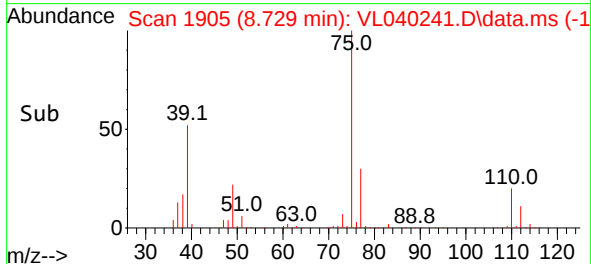
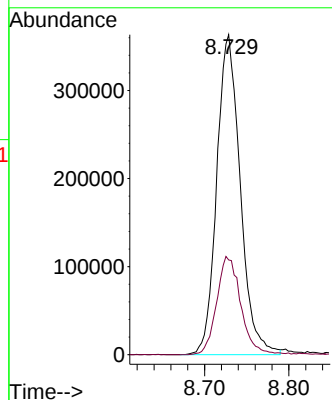
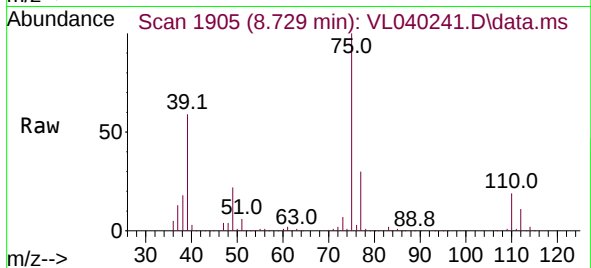
#45
t-1,3-Dichloropropene
Concen: 11.410 ppbv
RT: 8.729 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 70298
Ion Ratio Lower Upper
75 100
77 29.6 25.7 38.5

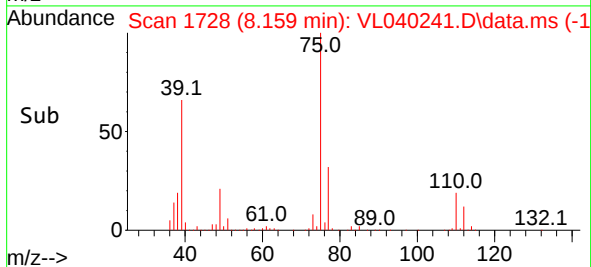
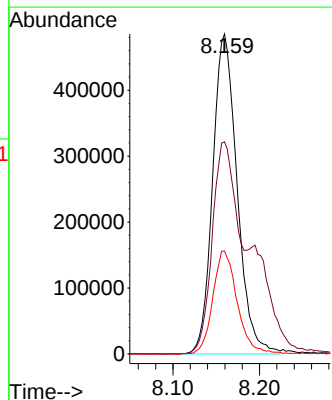
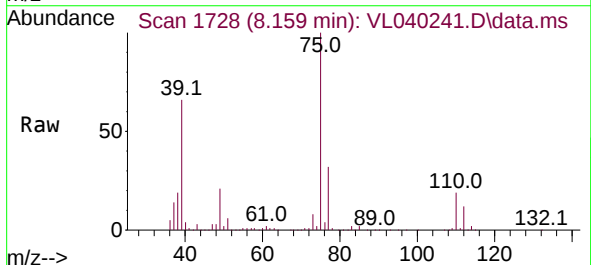
Manual Integrations
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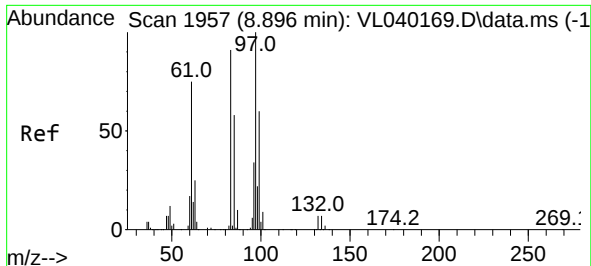
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#46
cis-1,3-Dichloropropene
Concen: 11.078 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 75 Resp: 950865
Ion Ratio Lower Upper
75 100
39 66.2 54.2 81.2
77 32.2 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 9.666 ppbv

RT: 8.918 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 763429

Ion Ratio Lower Upper

97 100

83 88.8 72.8 109.2

85 58.5 46.6 69.8

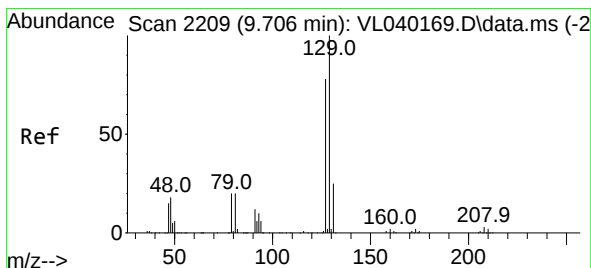
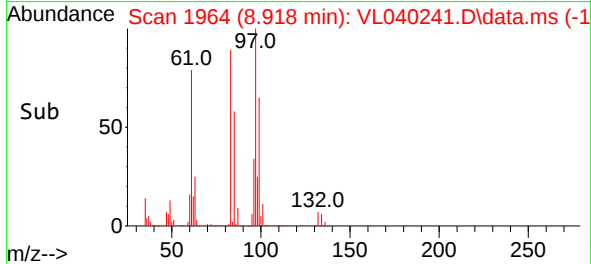
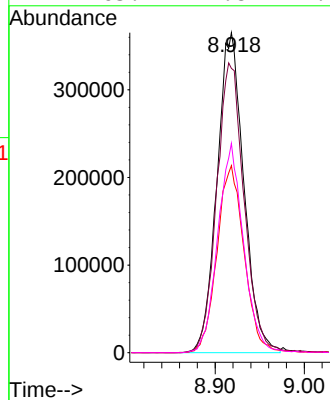
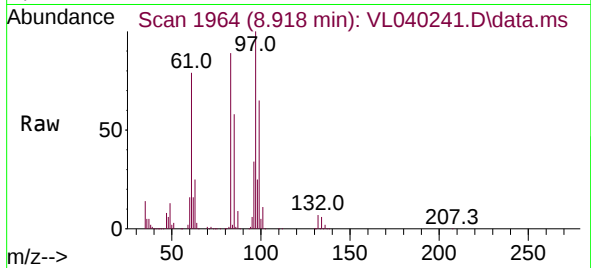
99 65.4 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#48

Dibromochloromethane

Concen: 10.633 ppbv

RT: 9.729 min Scan# 2216

Delta R.T. 0.000 min

Lab File: VL040241.D

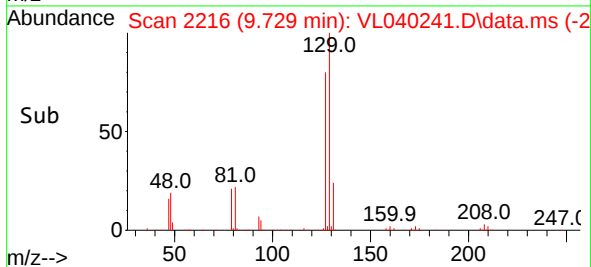
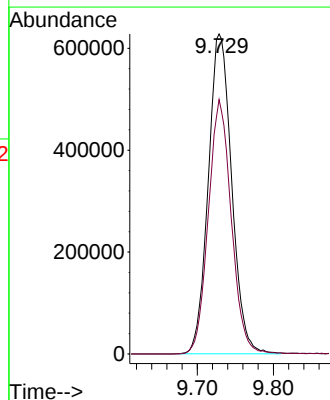
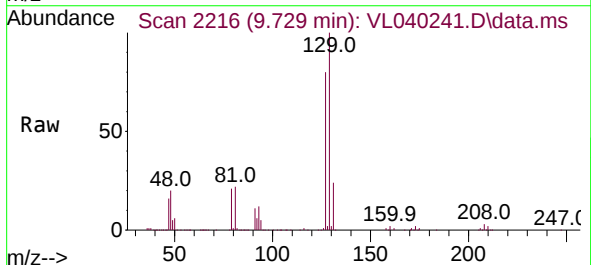
Acq: 28 Feb 2023 8:59

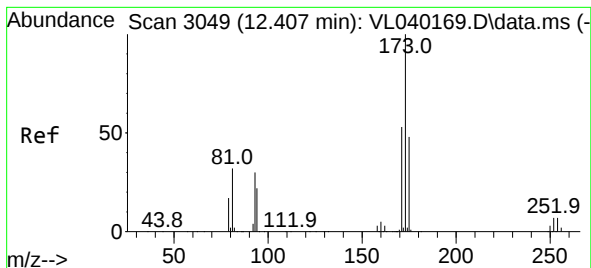
Tgt Ion:129 Resp: 1343206

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2





#49

Bromoform

Concen: 10.690 ppbv

RT: 12.429 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 105408

Ion Ratio Lower Upper

173 100

175 48.5 39.4 59.0

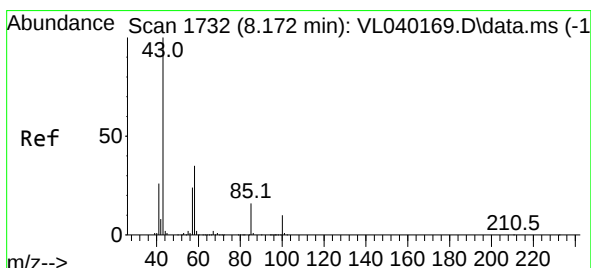
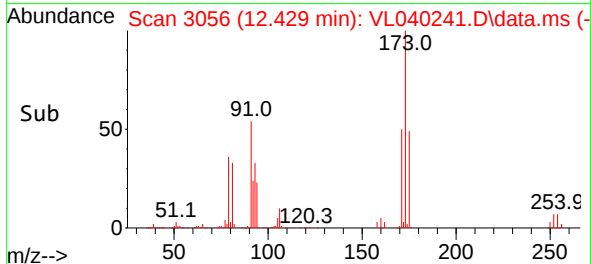
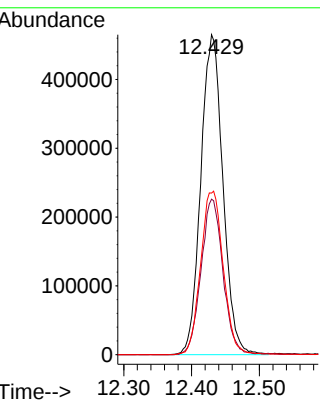
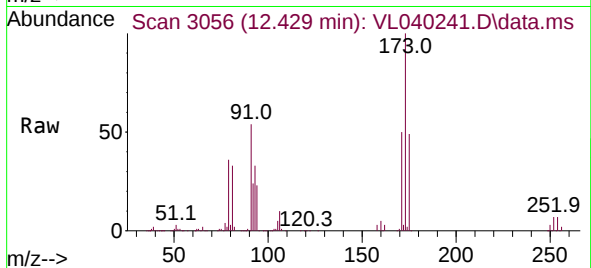
171 52.4 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#50

4-Methyl-2-Pentanone

Concen: 10.490 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL040241.D

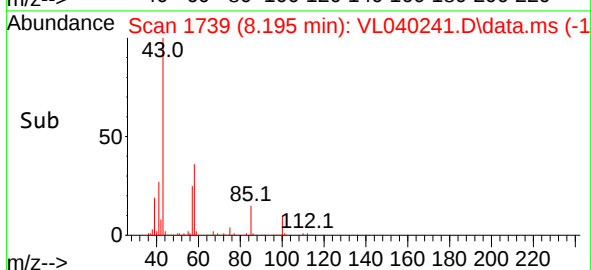
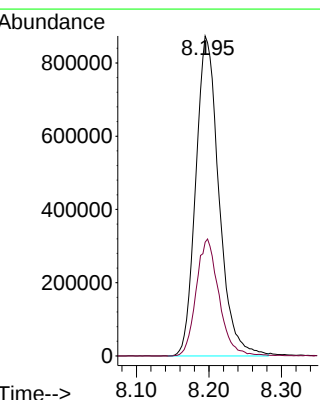
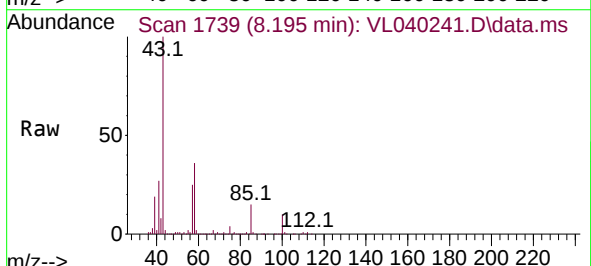
Acq: 28 Feb 2023 8:59

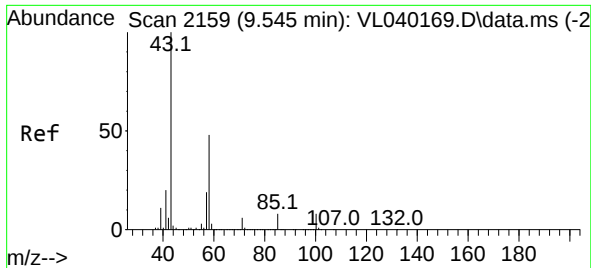
Tgt Ion: 43 Resp: 1938122

Ion Ratio Lower Upper

43 100

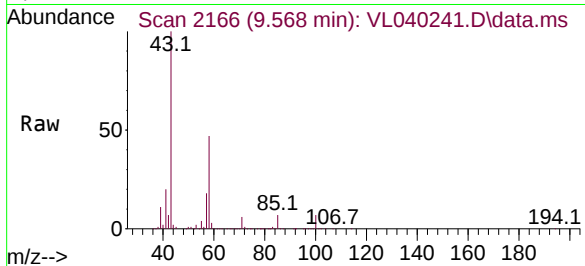
58 36.2 29.2 43.8





#51
2-Hexanone
Concen: 10.526 ppbv
RT: 9.568 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

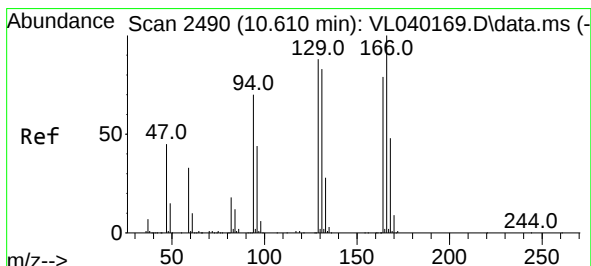
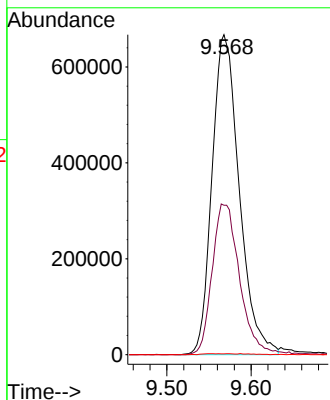
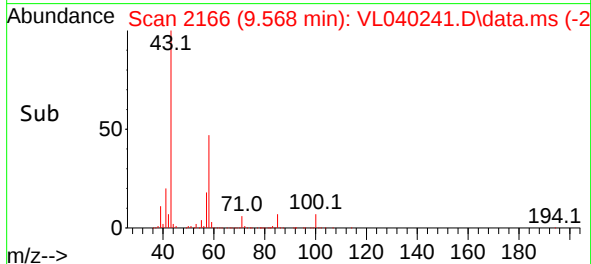
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



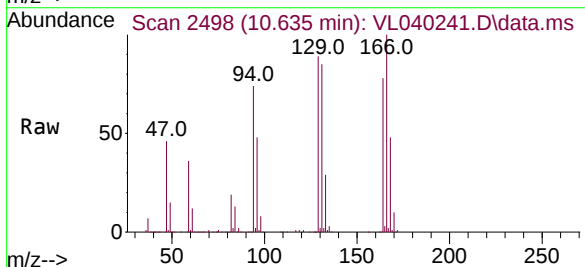
Tgt Ion: 43 Resp: 1495650
Ion Ratio Lower Upper
43 100
58 47.7 39.1 58.7
98 0.6 0.2 0.4

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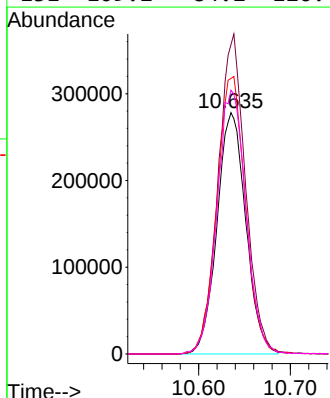
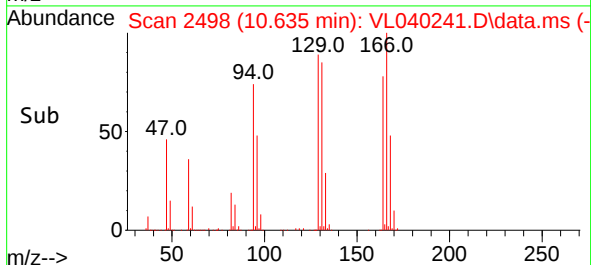
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

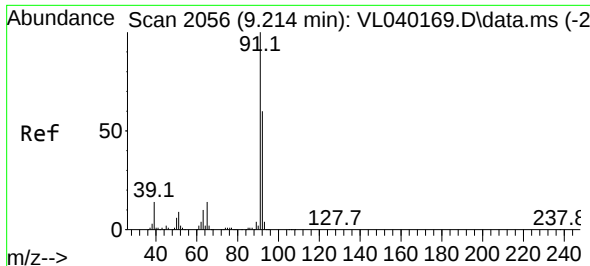


#52
Tetrachloroethene
Concen: 10.336 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



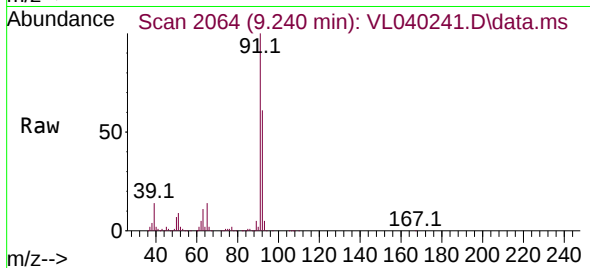
Tgt Ion:164 Resp: 605872
Ion Ratio Lower Upper
164 100
166 128.2 101.5 152.3
129 114.2 89.0 133.4
131 109.2 84.2 126.4





#53
Toluene
Concen: 10.364 ppbv
RT: 9.240 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

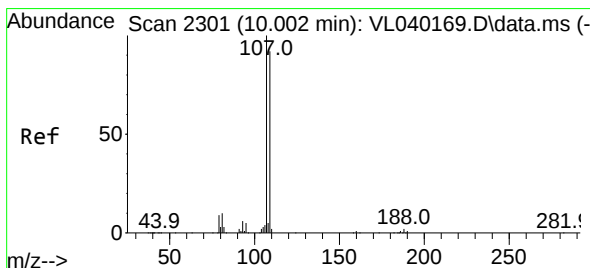
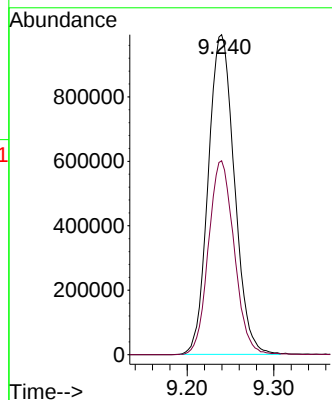
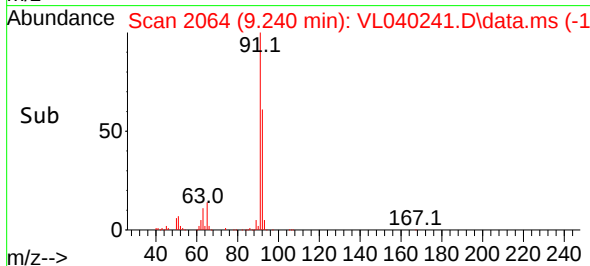
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



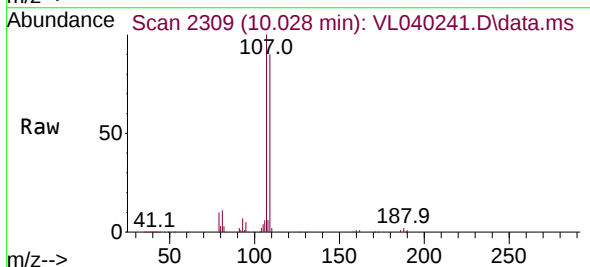
Tgt Ion: 91 Resp: 208370
Ion Ratio Lower Upper
91 100
92 59.7 48.9 73.3

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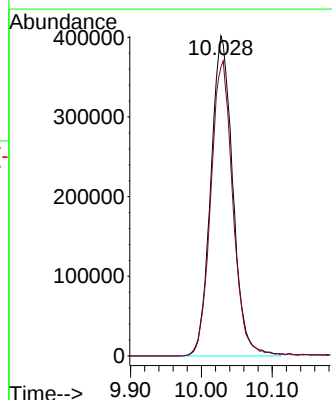
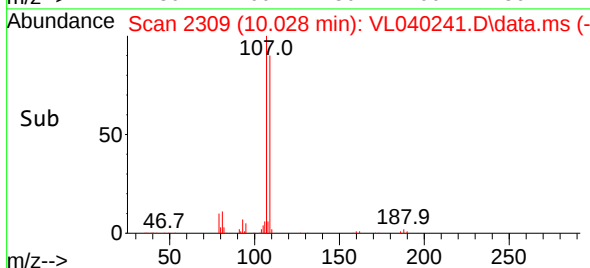
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

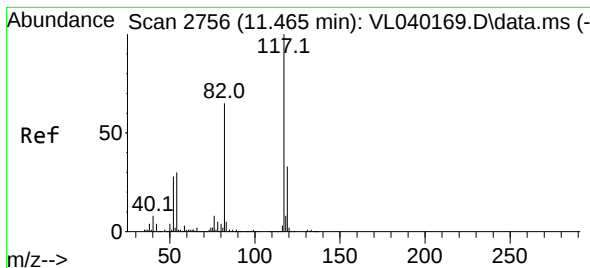


#54
1,2-Dibromoethane
Concen: 10.532 ppbv
RT: 10.028 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



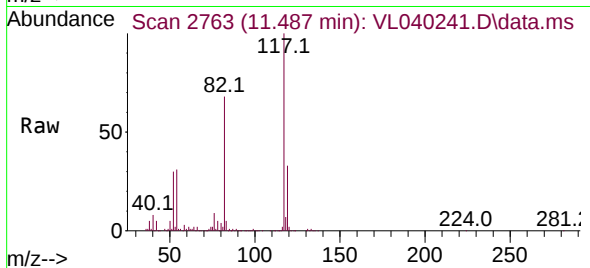
Tgt Ion:107 Resp: 865514
Ion Ratio Lower Upper
107 100
109 90.3 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

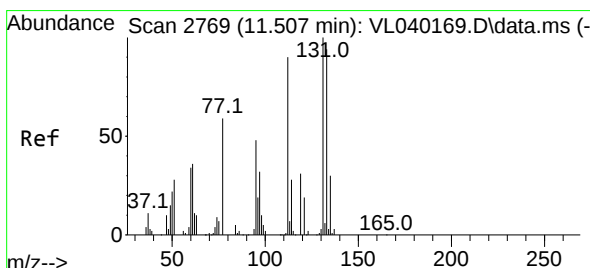
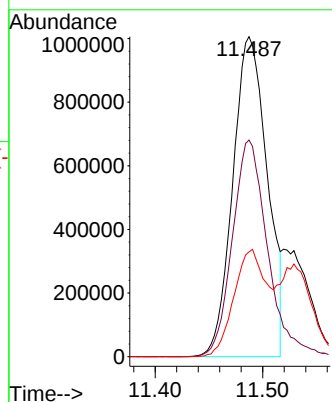
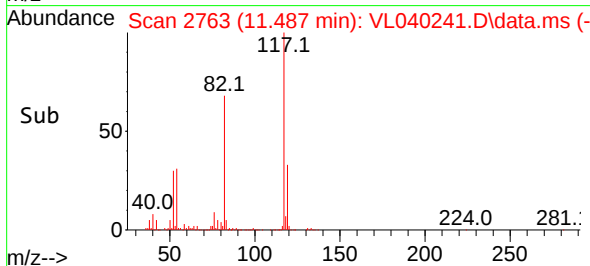
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



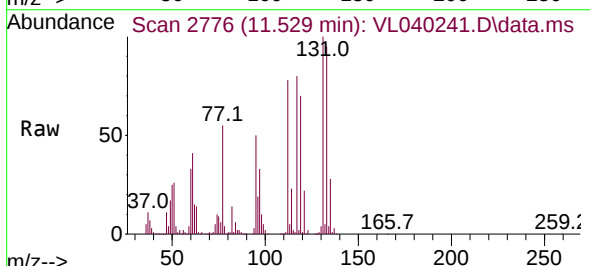
Tgt Ion:117 Resp: 224068
Ion Ratio Lower Upper
117 100
82 69.5 53.3 79.9
119 32.0 24.6 37.0

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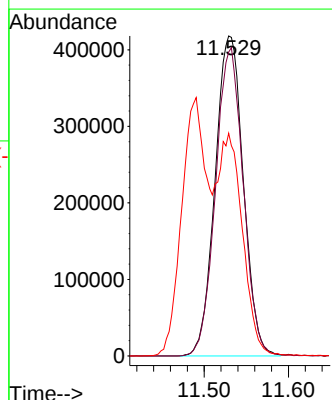
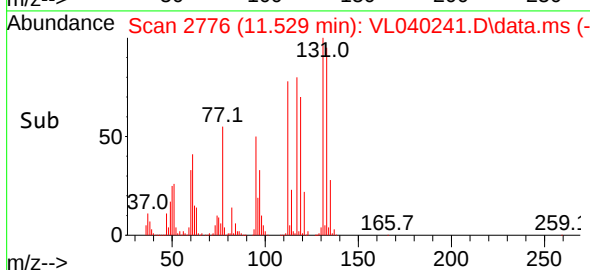
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

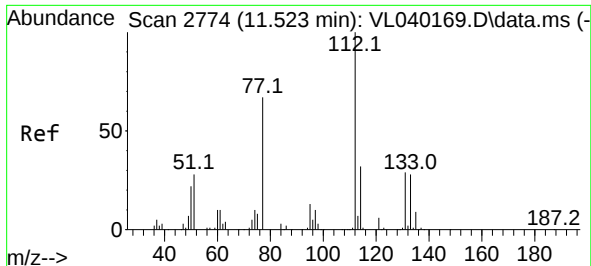


#56
1,1,1,2-Tetrachloroethane
Concen: 10.333 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



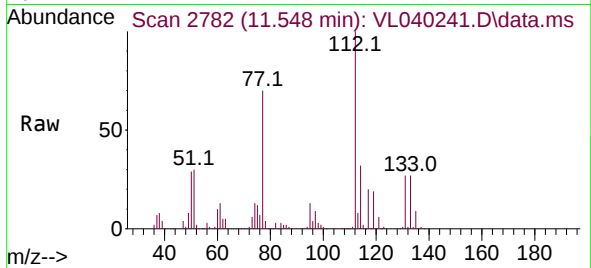
Tgt Ion:131 Resp: 971923
Ion Ratio Lower Upper
131 100
133 94.6 76.2 114.2
119 58.2 45.4 68.0





#57
Chlorobenzene
Concen: 9.821 ppbv
RT: 11.548 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

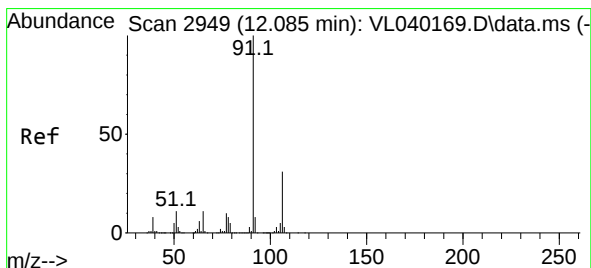
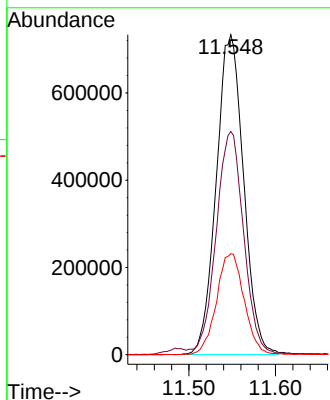
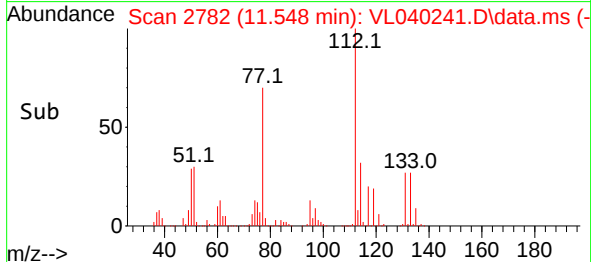
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 1607690
Ion Ratio Lower Upper
112 100
77 69.2 55.0 82.4
114 31.5 29.0 35.4

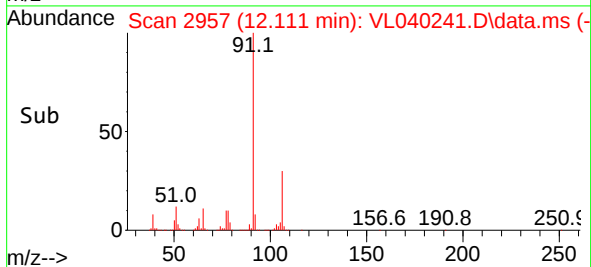
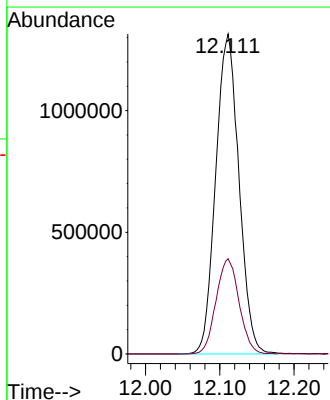
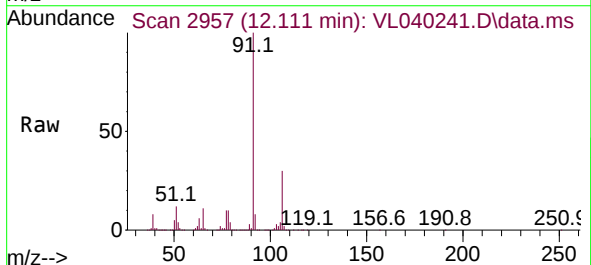
Manual Integrations
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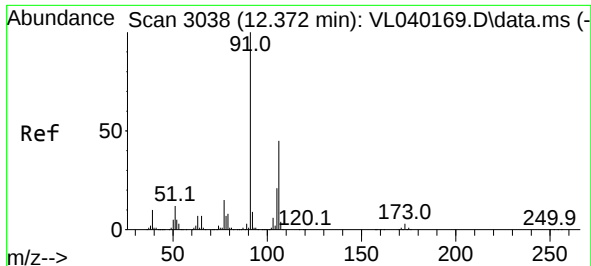
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#58
Ethyl Benzene
Concen: 10.499 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 91 Resp: 2858294
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3





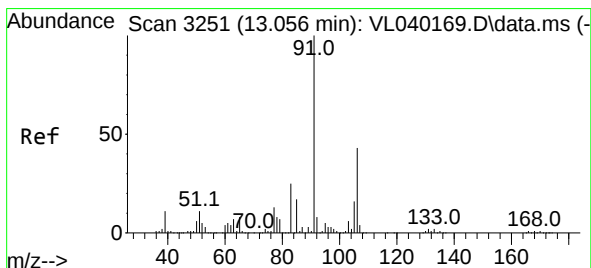
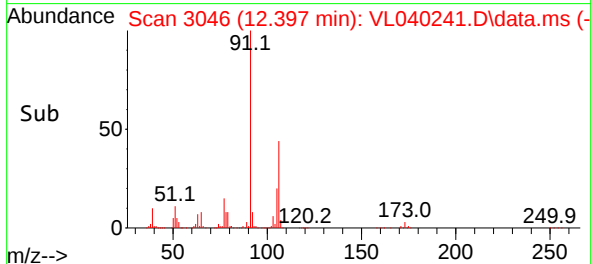
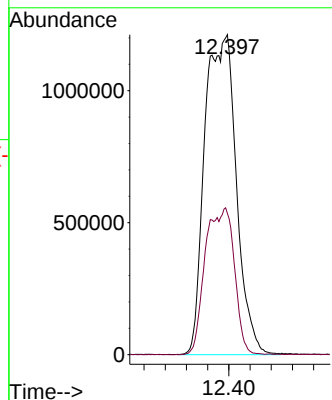
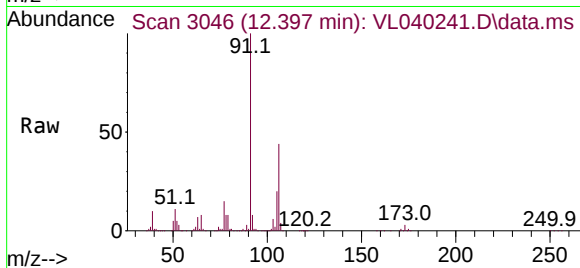
#59
m/p-Xylene
Concen: 20.774 ppbv m
RT: 12.397 min Scan# 3038
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 500923
Ion Ratio Lower Upper
91 100
106 42.4 34.6 51.8

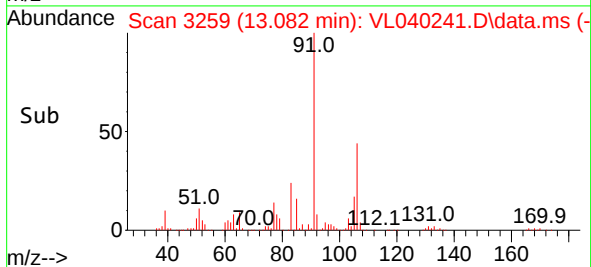
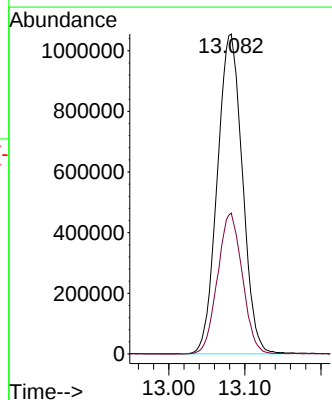
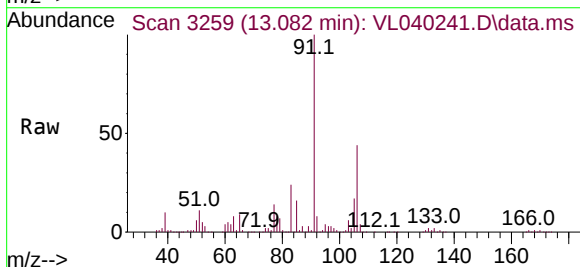
Manual Integrations
APPROVED

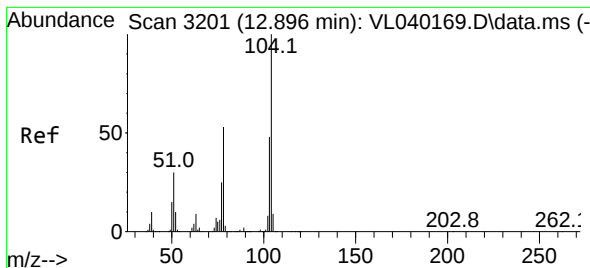
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#60
o-Xylene
Concen: 10.418 ppbv
RT: 13.082 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 91 Resp: 2417079
Ion Ratio Lower Upper
91 100
106 43.6 21.6 65.0





#61

Styrene

Concen: 11.069 ppbv m

RT: 12.918 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 134831

Ion Ratio Lower Upper

104 100

78 54.3 42.3 63.5

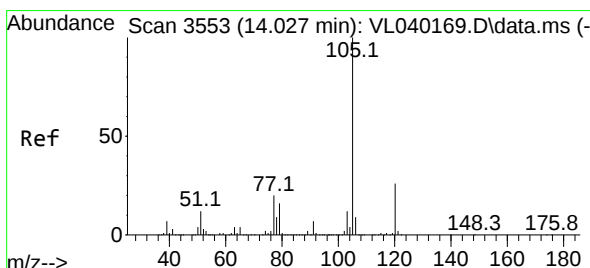
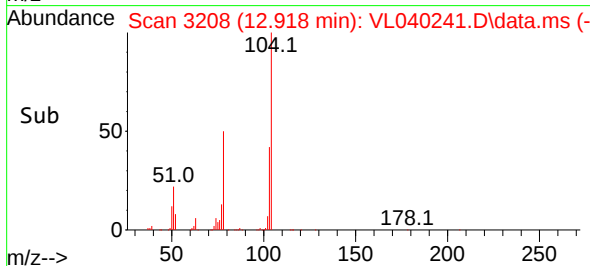
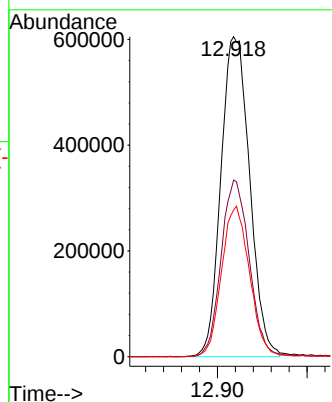
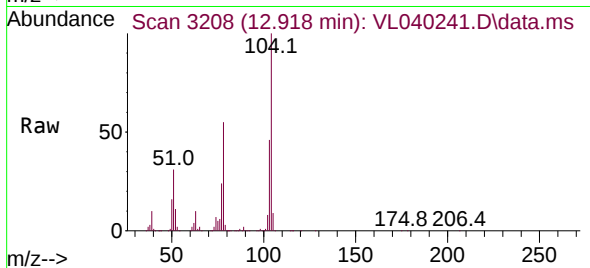
103 0.0 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#62

Isopropylbenzene

Concen: 10.141 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.000 min

Lab File: VL040241.D

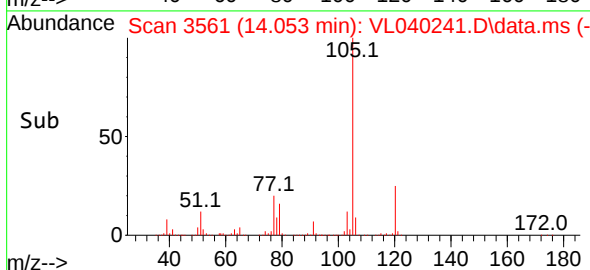
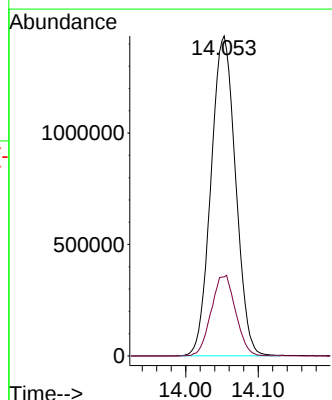
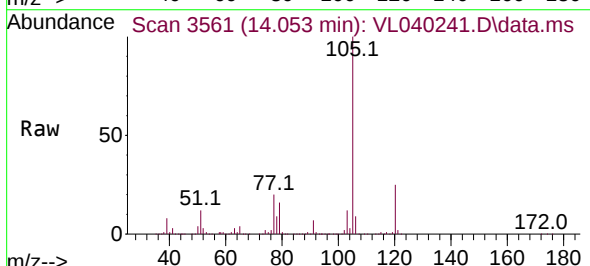
Acq: 28 Feb 2023 8:59

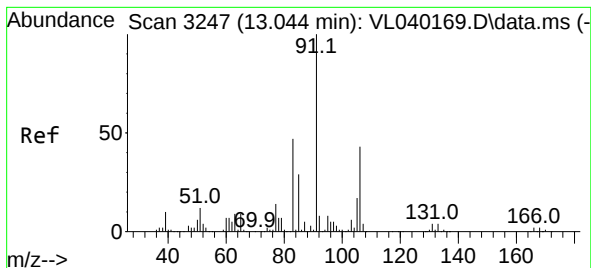
Tgt Ion:105 Resp: 3377125

Ion Ratio Lower Upper

105 100

120 25.1 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 9.517 ppbv

RT: 13.072 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 79568

Ion Ratio Lower Upper

83 100

131 8.9 4.4 13.2

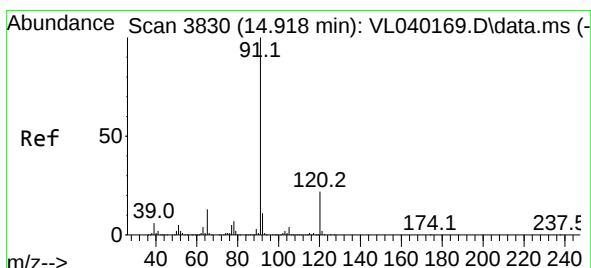
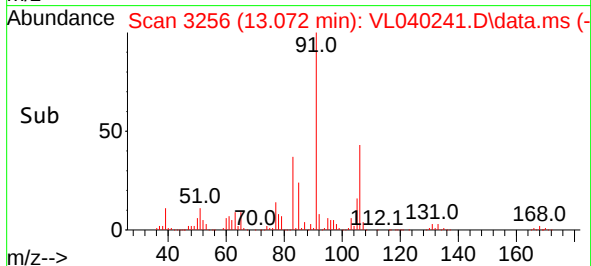
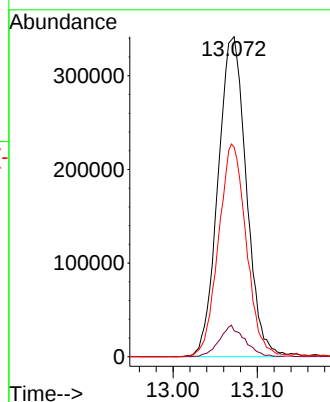
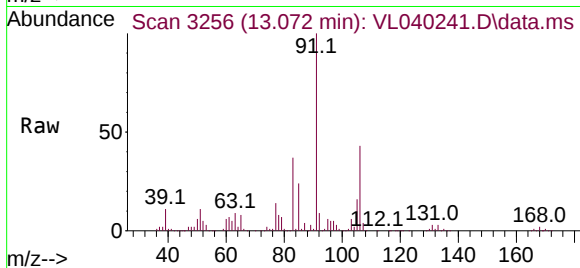
85 66.2 33.0 99.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#64

n-propylbenzene

Concen: 10.222 ppbv

RT: 14.937 min Scan# 3836

Delta R.T. 0.000 min

Lab File: VL040241.D

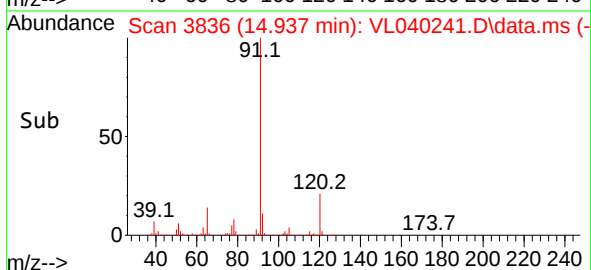
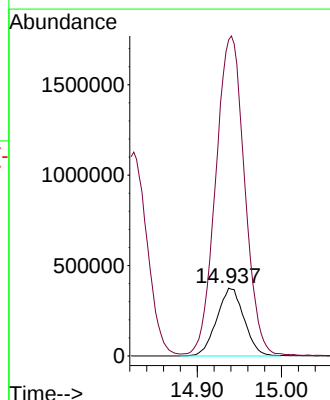
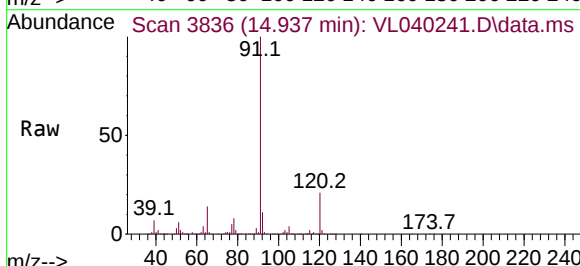
Acq: 28 Feb 2023 8:59

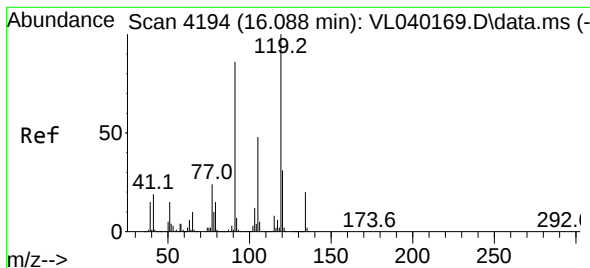
Tgt Ion:120 Resp: 842535

Ion Ratio Lower Upper

120 100

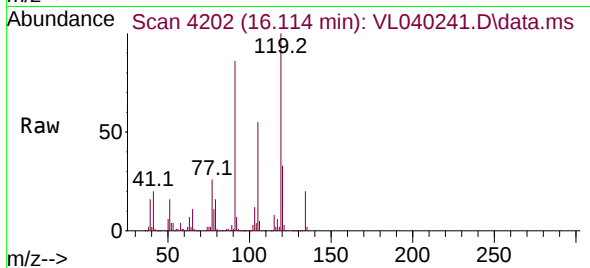
91 501.9 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.162 ppbv
RT: 16.114 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

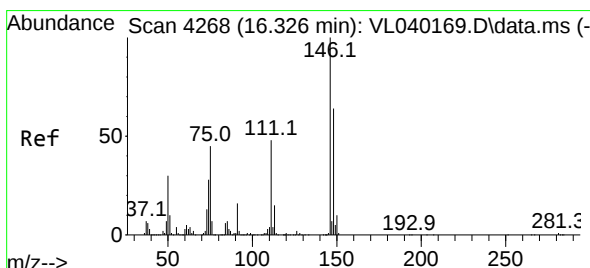
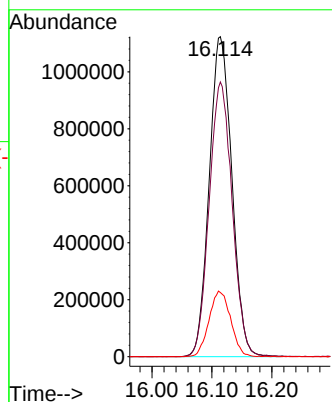
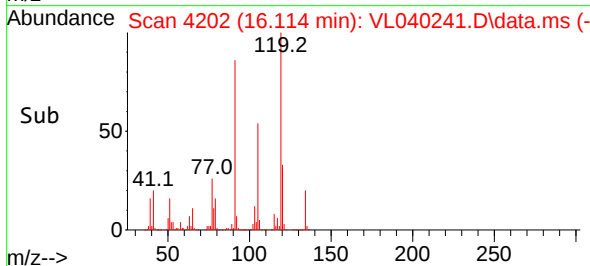
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



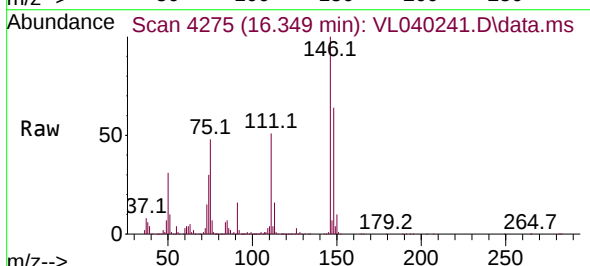
Tgt Ion:119 Resp: 2941930
Ion Ratio Lower Upper
119 100
91 87.6 68.6 102.8
134 19.7 15.9 23.9

Manual Integrations
APPROVED

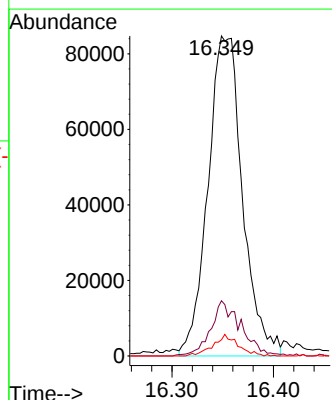
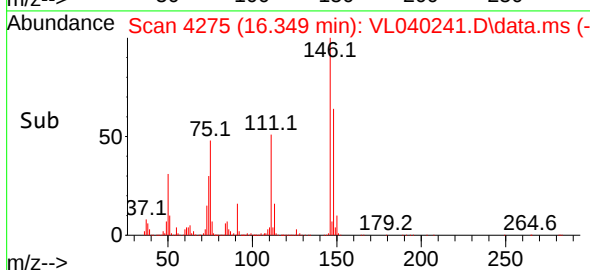
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

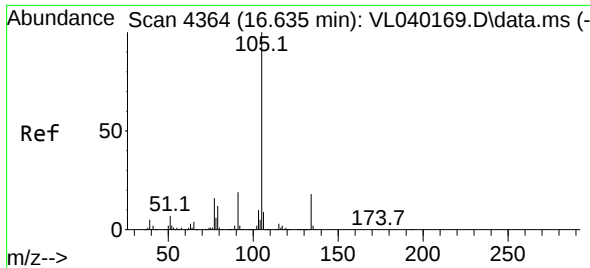


#66
Benzyl Chloride
Concen: 10.409 ppbv m
RT: 16.349 min Scan# 4275
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



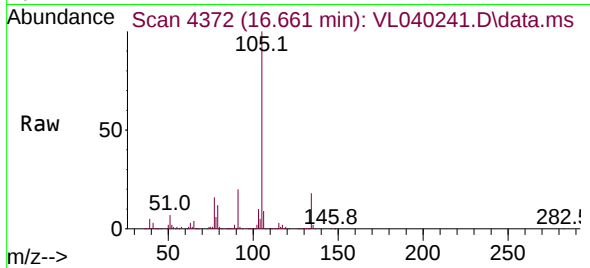
Tgt Ion: 91 Resp: 200516
Ion Ratio Lower Upper
91 100
126 15.3 13.1 19.7
128 4.9 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.100 ppbv
 RT: 16.661 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

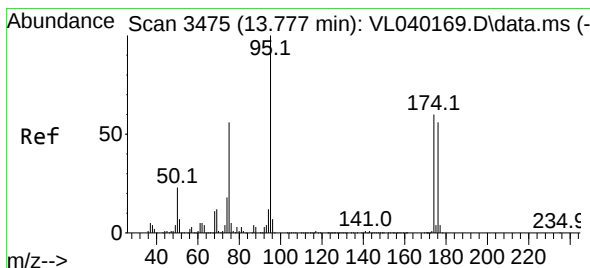
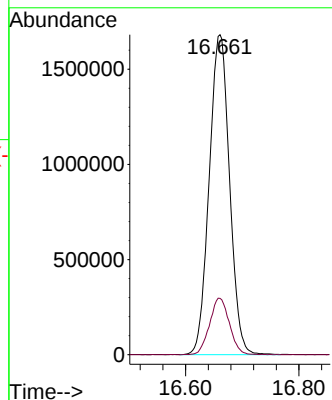
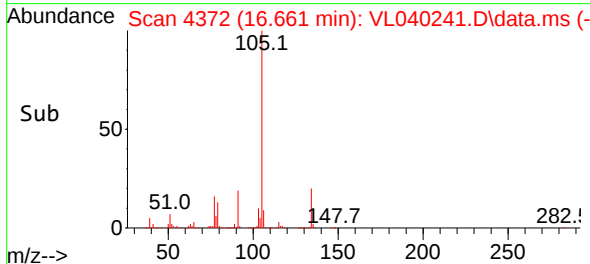
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



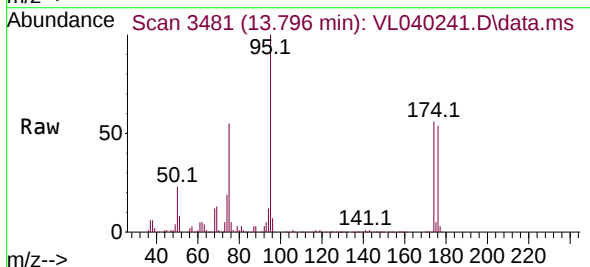
Tgt Ion:105 Resp: 4193110
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.1 21.1

Manual Integrations
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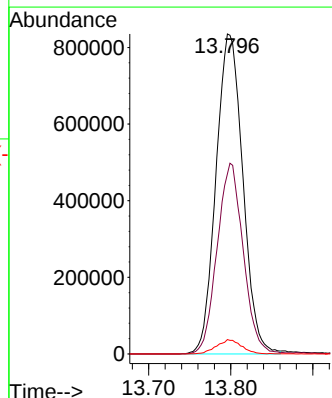
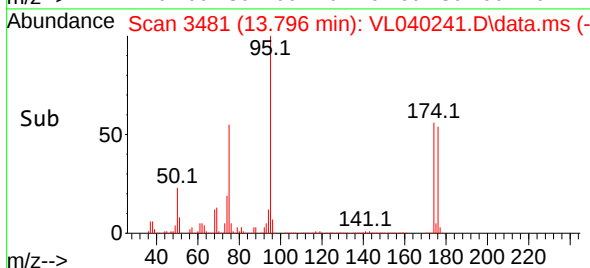
Reviewed By :Semsettin Yesilyurt 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023

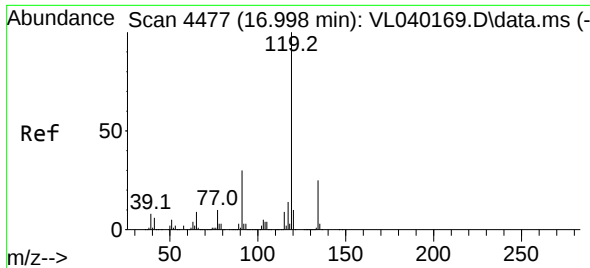


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.302 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.000 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59



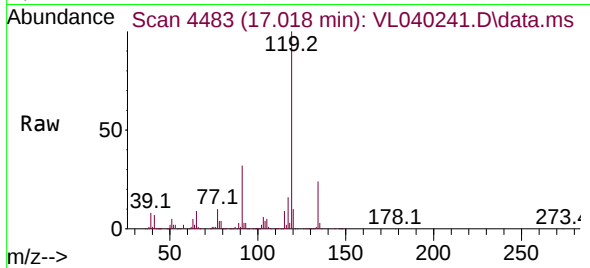
Tgt Ion: 95 Resp: 1898148
 Ion Ratio Lower Upper
 95 100
 174 58.5 48.2 72.2
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.072 ppbv
RT: 17.018 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

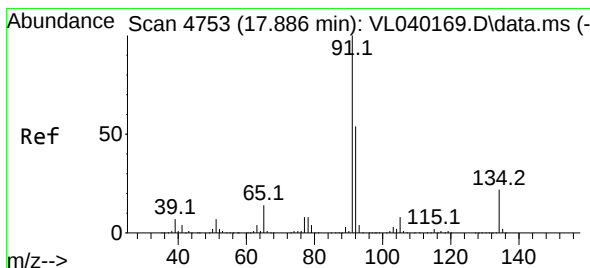
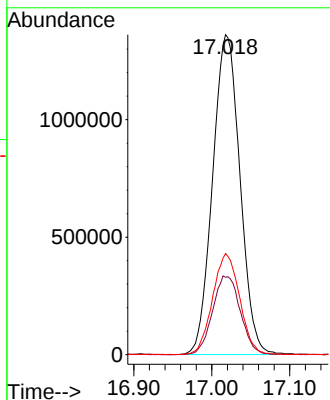
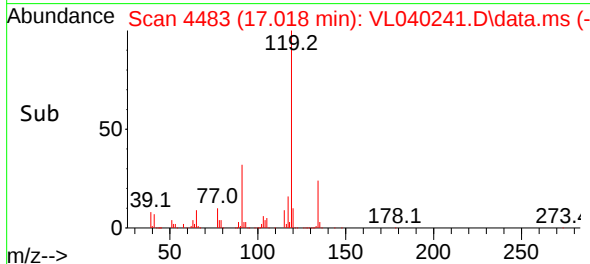
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



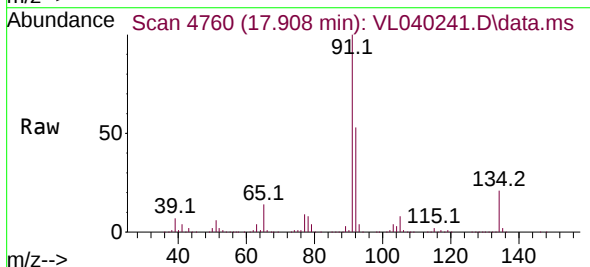
Tgt Ion:119 Resp: 331494
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.2
91 31.4 24.7 37.1

Manual Integrations
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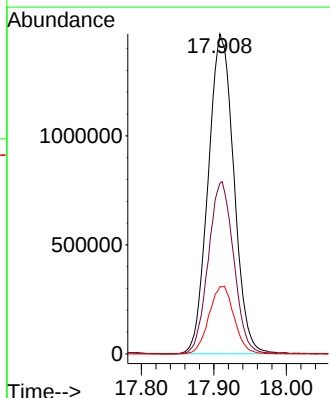
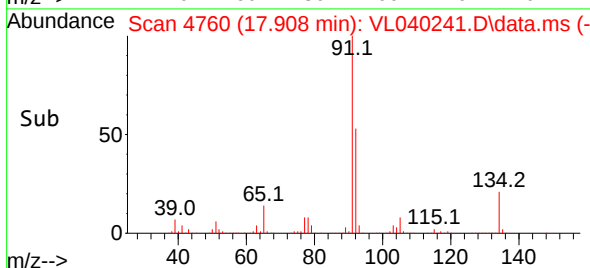
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

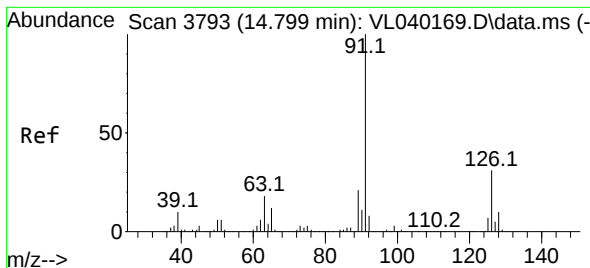


#70
n-Butylbenzene
Concen: 10.088 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



Tgt Ion: 91 Resp: 3603754
Ion Ratio Lower Upper
91 100
92 53.4 43.0 64.6
134 20.9 16.9 25.3





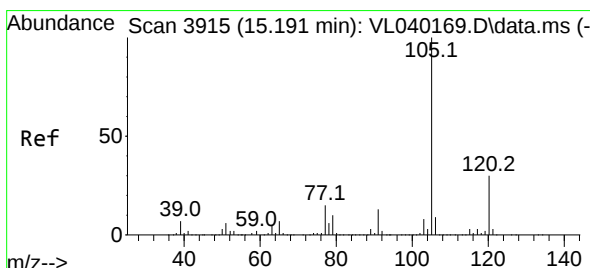
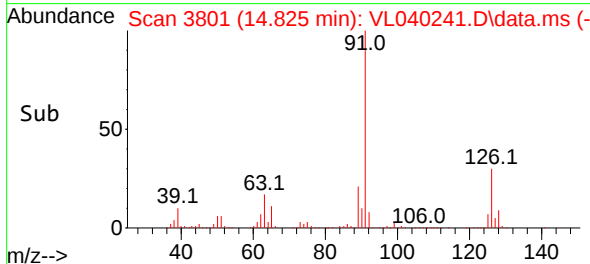
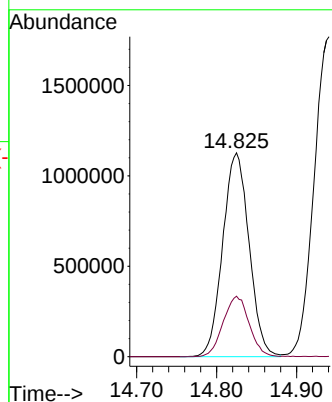
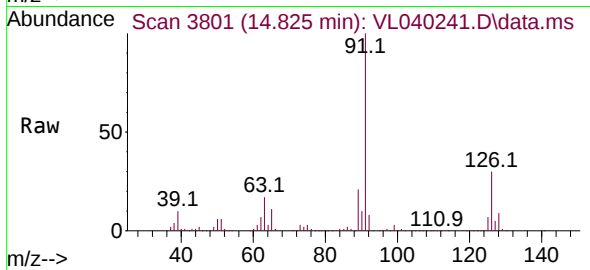
#71
2-Chlorotoluene
Concen: 10.123 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 257848
Ion Ratio Lower Upper
91 100
126 29.3 12.0 48.2

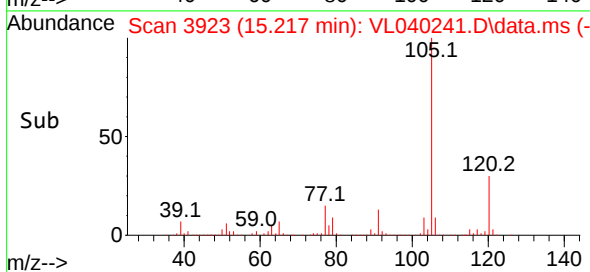
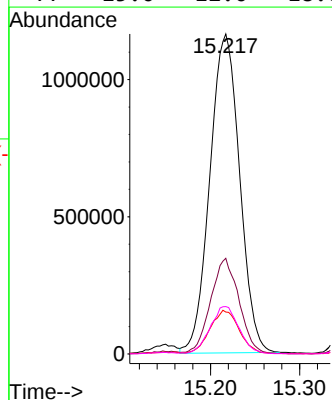
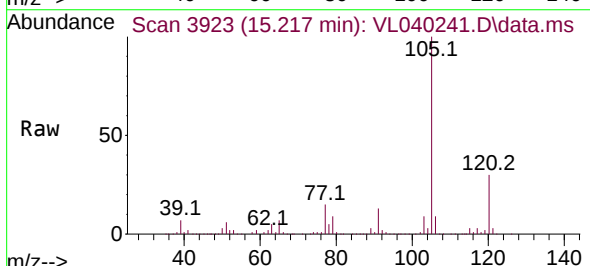
Manual Integrations
APPROVED

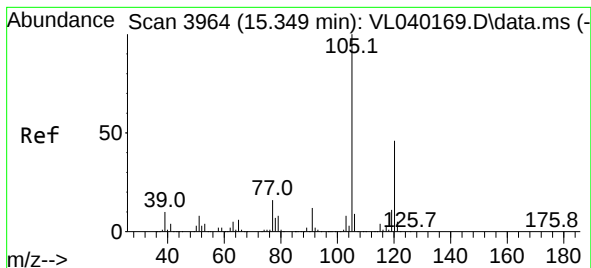
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#72
4-Ethyltoluene
Concen: 10.542 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion:105 Resp: 2703930
Ion Ratio Lower Upper
105 100
120 29.5 23.2 34.8
91 14.3 11.3 16.9
77 15.0 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 10.011 ppbv

RT: 15.378 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2389104

Ion Ratio Lower Upper

105 100

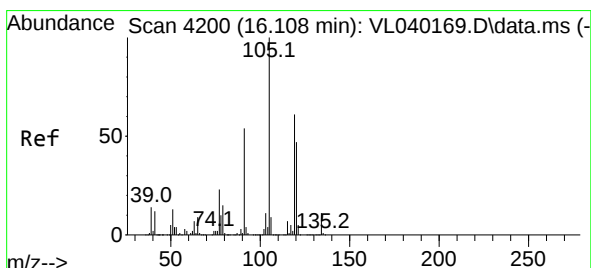
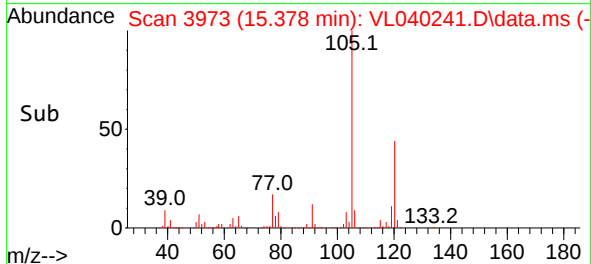
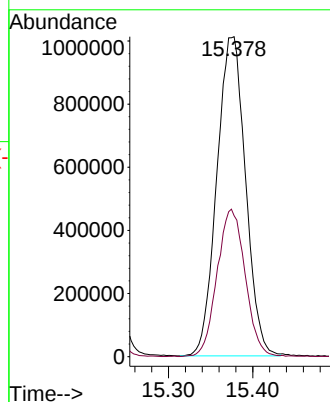
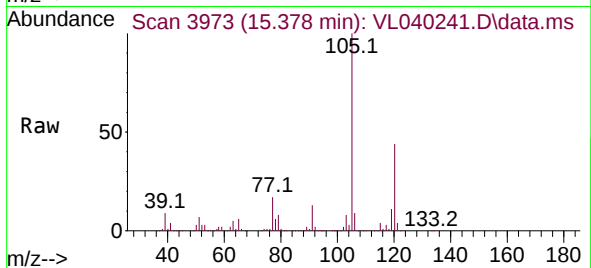
120 44.1 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.045 ppbv

RT: 16.130 min Scan# 4207

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Tgt Ion:105 Resp: 2633365

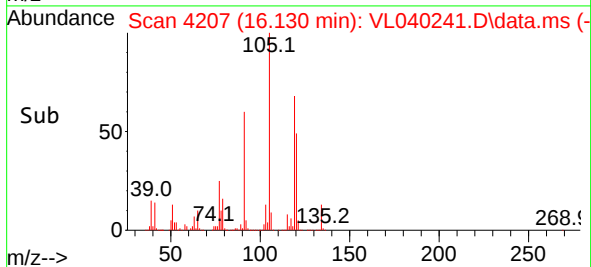
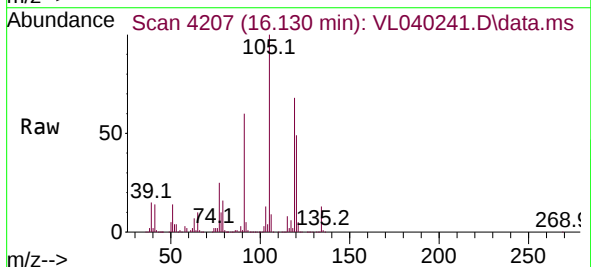
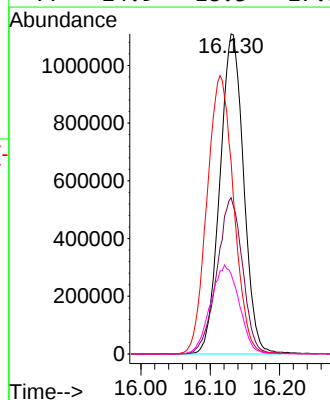
Ion Ratio Lower Upper

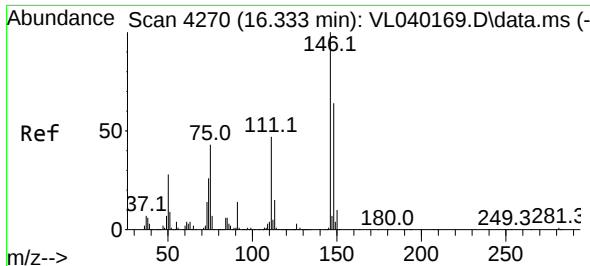
105 100

120 48.8 37.9 56.9

91 60.0 43.7 65.5

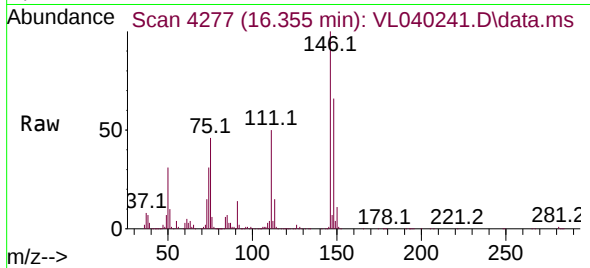
77 24.9 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.780 ppbv
RT: 16.355 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

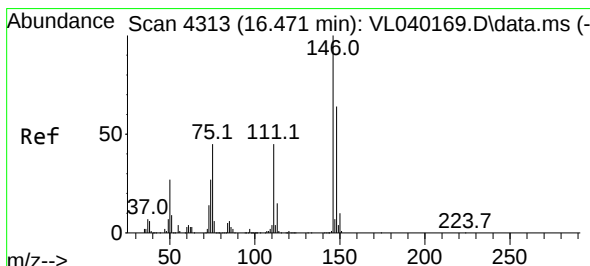
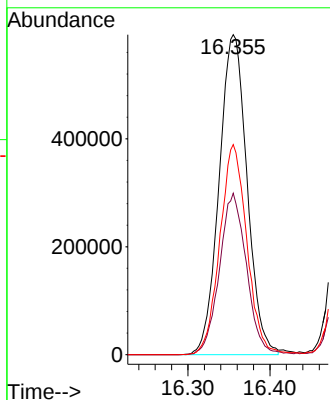
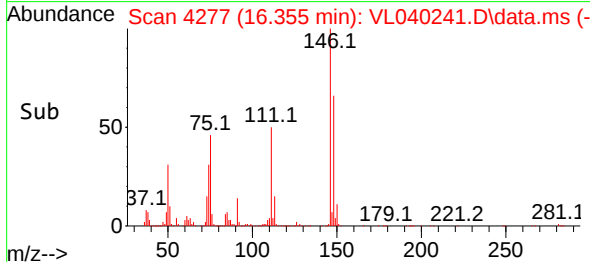
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



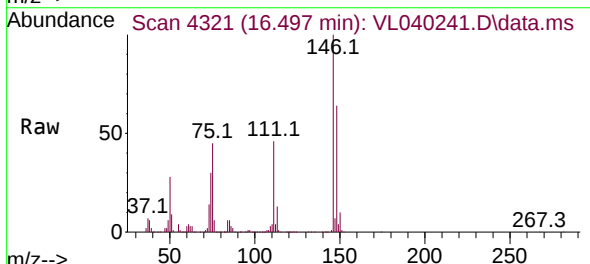
Tgt Ion:146 Resp: 140300
Ion Ratio Lower Upper
146 100
111 48.9 23.9 71.8
148 63.7 32.1 96.5

Manual Integrations
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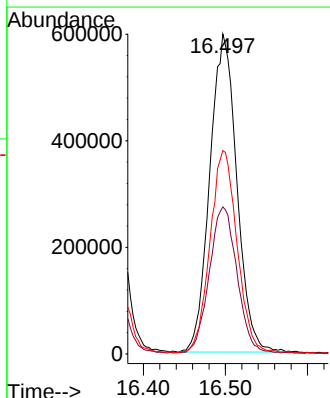
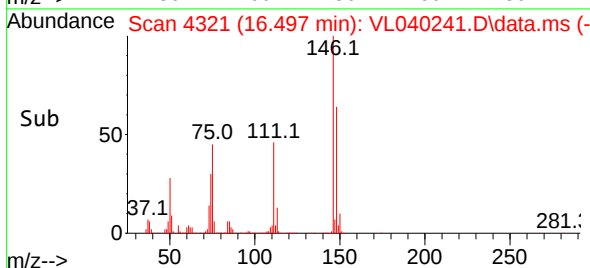
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

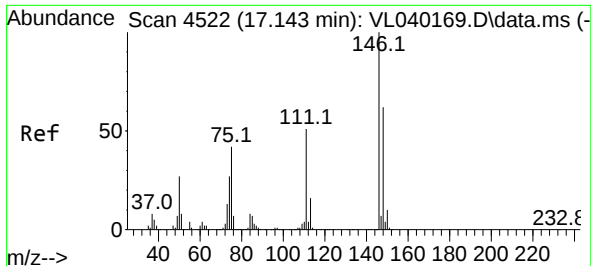


#76
1,4-Dichlorobenzene
Concen: 9.706 ppbv
RT: 16.497 min Scan# 4321
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



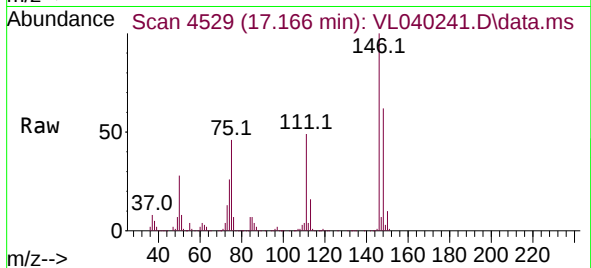
Tgt Ion:146 Resp: 1364555
Ion Ratio Lower Upper
146 100
111 48.1 23.5 70.5
148 64.8 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 9.464 ppbv
RT: 17.166 min Scan# 4529
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

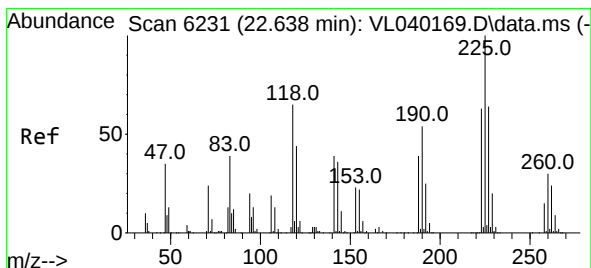
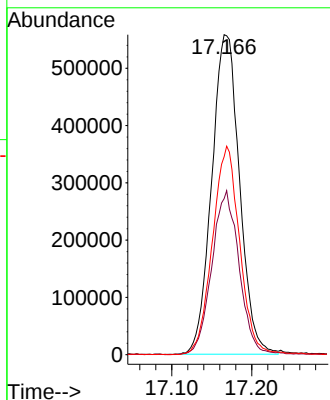
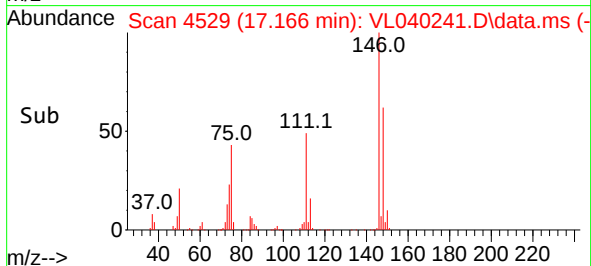
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



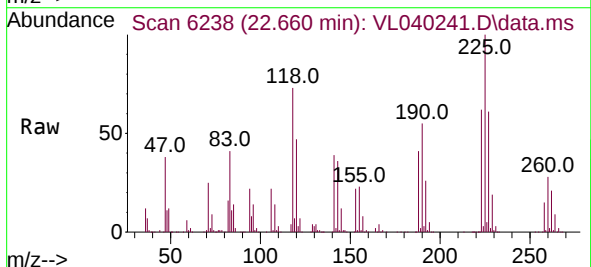
Tgt Ion:146 Resp: 134871
Ion Ratio Lower Upper
146 100
111 50.4 25.3 75.8
148 64.2 32.0 96.2

Manual Integrations
APPROVED

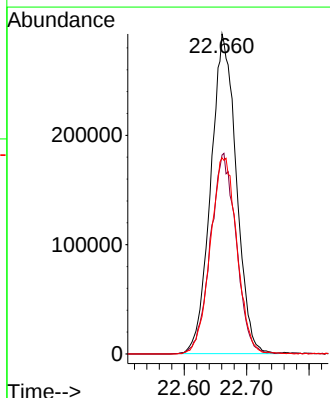
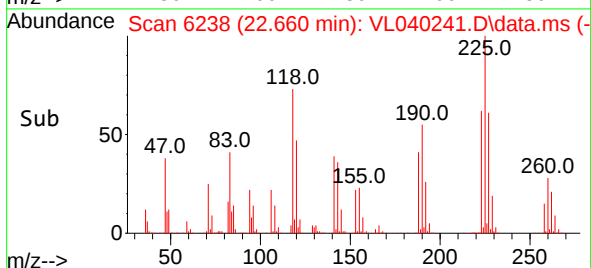
Reviewed By :Semsettin Yesilyurt 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

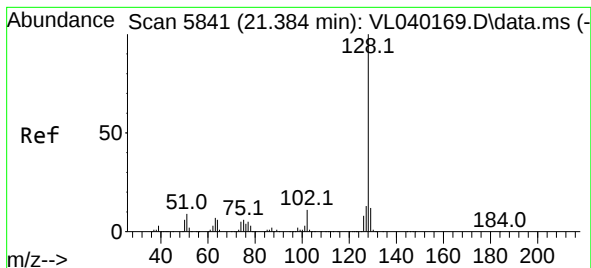


#78
Hexachloro-1,3-Butadiene
Concen: 8.492 ppbv
RT: 22.660 min Scan# 6238
Delta R.T. 0.000 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59



Tgt Ion:225 Resp: 831359
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.6
227 63.9 51.2 76.8





#79

Naphthalene

Concen: 11.174 ppbv

RT: 21.410 min Scan# 5849

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 1645589

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

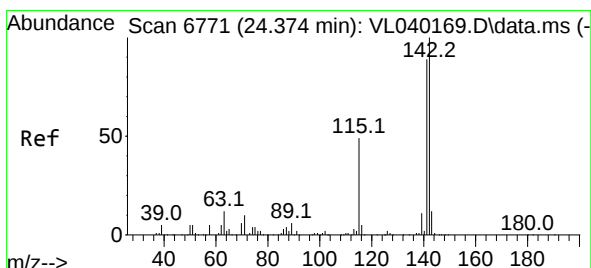
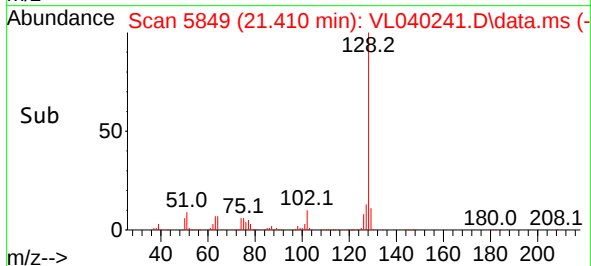
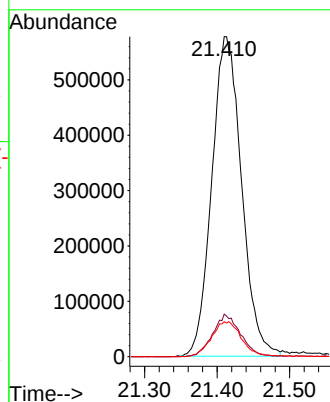
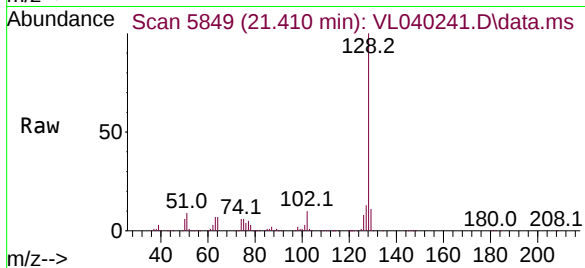
129 10.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#80

Naphthalene,2-methyl-

Concen: 7.853 ppbv

RT: 24.397 min Scan# 6778

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

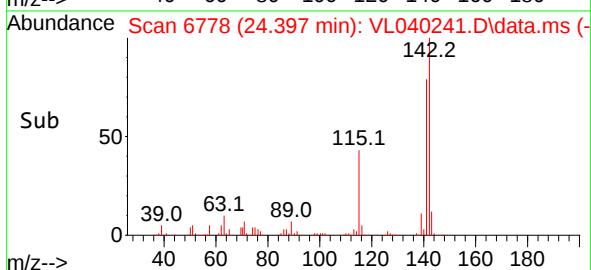
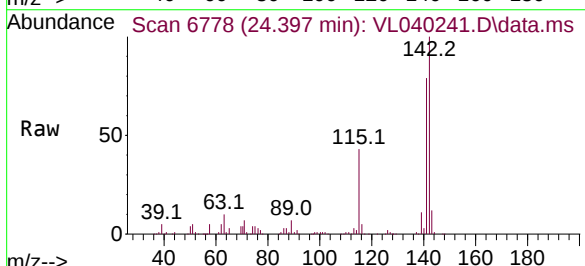
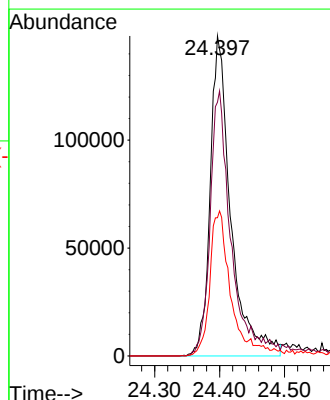
Tgt Ion:142 Resp: 328879

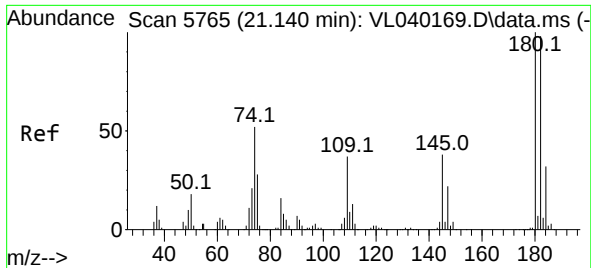
Ion Ratio Lower Upper

142 100

141 87.1 67.3 100.9

115 47.8 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 9.772 ppbv

RT: 21.169 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:180 Resp: 900600

Ion Ratio Lower Upper

180 100

182 96.2 79.0 118.6

184 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023

