

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042093.D
 Acq On : 04 Mar 2025 09:04
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/04/2025
 Supervised By : Mahesh Dadoda 03/05/2025

Quant Time: Mar 04 09:29:25 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	167907	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.958	114	381495	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.881	117	326649	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 259522 10.327 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	198320	11.359	ppbv	96
3) Chlorodifluoromethane	1.476	51	233895	9.585	ppbv	99
4) Chloromethane	1.531	50	67468	10.449	ppbv	96
5) Vinyl Chloride	1.580	62	65656	10.750	ppbv	98
6) Bromomethane	1.667	94	26970	9.274	ppbv	90
7) Chloroethane	1.703	64	25508	10.279	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	154138	10.739	ppbv	99
9) Propene	1.482	41	98419	9.900	ppbv	100
10) Heptane	4.978	43	293468	9.481	ppbv	95
11) Trichlorofluoromethane	1.877	101	195789	11.191	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	142638	10.221	ppbv	97
13) Ethanol	1.719	45	2198	3.483	ppbv	84
14) Bromoethene	1.780	108	52575	10.669	ppbv	97
15) Acetone	1.835	43	143128	9.653	ppbv	99
16) 1,3-Butadiene	1.609	39	70259	10.182	ppbv	96
17) tert-Butyl alcohol	2.039	59	167499	9.029	ppbv	96
18) 1,1-Dichloroethene	2.033	96	61772	9.796	ppbv	88
19) Isopropyl Alcohol	1.887	45	83073	9.753	ppbv	98
20) Methylene Chloride	2.062	84	53584	9.554	ppbv	91
21) Allyl Chloride	2.094	41	109113	10.184	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	69098	9.400	ppbv	96
23) Vinyl Acetate	2.463	43	110213	10.571	ppbv #	97
24) 1,1-Dichloroethane	2.408	63	139792	10.220	ppbv	99
25) Ethyl Acetate	2.835	43	549508	9.258	ppbv	99
26) Hexane	2.826	57	221390	9.227	ppbv	99
27) Carbon Disulfide	2.149	76	162589	9.996	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	98233	8.223	ppbv	98
29) Chloroform	2.848	83	303024	9.383	ppbv	100
30) Cyclohexane	3.858	84	172776	8.871	ppbv	93
31) cis-1,2-Dichloroethene	2.722	61	208859	9.195	ppbv	97
32) 1,1,1-Trichloroethane	3.366	97	279461	8.921	ppbv	94
34) 2-Butanone	2.557	43	328786	11.063	ppbv	97
35) Carbon Tetrachloride	3.761	117	286014	10.872	ppbv	97
36) Benzene	3.658	78	416352	10.425	ppbv	96
37) 1,2-Dichloroethane	3.217	62	233469	10.544	ppbv	99
38) Trichloroethene	4.548	130	221898	13.607	ppbv	97
39) 1,2-Dichloropropane	4.311	63	159465	10.520	ppbv	97
40) 1,4-Dioxane	4.586	88	71148	10.282	ppbv #	96
41) Tetrahydrofuran	3.055	42	188041	10.708	ppbv	96
42) Bromodichloromethane	4.489	83	315319	10.569	ppbv	97
43) Methyl Methacrylate	4.884	69	157370	10.090	ppbv	95
44) 2,2,4-Trimethylpentane	4.638	57	741983	10.527	ppbv	97
45) t-1,3-Dichloropropene	6.412	75	120157m	7.755	ppbv	

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Manual Integrations
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 Supervised By :Mahesh Dadoda 03/05/2025

Quant Time: Mar 04 09:29:25 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

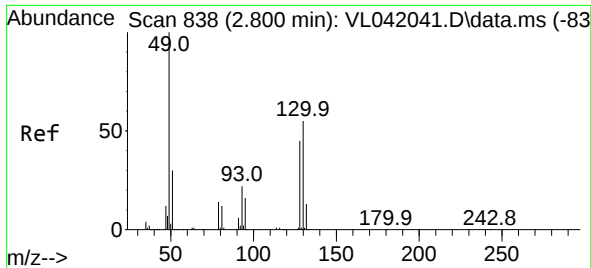
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.599	75	178969	8.926	ppbv	99
47) 1,1,2-Trichloroethane	6.583	97	159040	10.335	ppbv	96
48) Dibromochloromethane	7.386	129	249300	10.344	ppbv	99
49) Bromoform	9.480	173	212808	10.167	ppbv	98
50) 4-Methyl-2-Pentanone	5.758	43	458033	11.916	ppbv	96
51) 2-Hexanone	7.438	43	358436	13.549	ppbv #	99
52) Tetrachloroethene	8.224	164	131232	9.599	ppbv	92
53) Toluene	6.930	91	445651	9.985	ppbv	98
54) 1,2-Dibromoethane	7.652	107	207142	9.956	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	190510	10.319	ppbv	100
57) Chlorobenzene	8.920	112	348416	10.288	ppbv	99
58) Ethyl Benzene	9.354	91	612914	10.189	ppbv	99
59) m/p-Xylene	9.551	91	1001788m	20.926	ppbv	
60) o-Xylene	9.962	91	511051	10.619	ppbv	99
61) Styrene	9.872	104	229194	10.130	ppbv	98
62) Isopropylbenzene	10.542	105	739509	10.260	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.962	83	176376	5.565	ppbv	100
64) n-propylbenzene	10.988	120	197711	10.458	ppbv	98
65) tert-Butylbenzene	11.532	119	653942	9.969	ppbv	100
66) Benzyl Chloride	11.616	91	20385	4.073	ppbv	96
67) sec-Butylbenzene	11.769	105	926280	9.874	ppbv	99
69) p-Isopropyltoluene	11.927	119	753111	10.090	ppbv	99
70) n-Butylbenzene	12.283	91	760771	9.986	ppbv	99
71) 2-Chlorotoluene	10.901	91	540838	9.734	ppbv	99
72) 4-Ethyltoluene	11.124	105	602704	10.257	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	513248	10.069	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	563282	9.814	ppbv	97
75) 1,3-Dichlorobenzene	11.607	146	321486	9.732	ppbv	99
76) 1,4-Dichlorobenzene	11.671	146	312269	9.521	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	313268	9.773	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	217361	8.714	ppbv	98
79) Naphthalene	13.516	128	422138	10.726	ppbv	100
80) Naphthalene,2-methyl-	14.461	142	187485	17.408	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	200738	9.153	ppbv	99

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



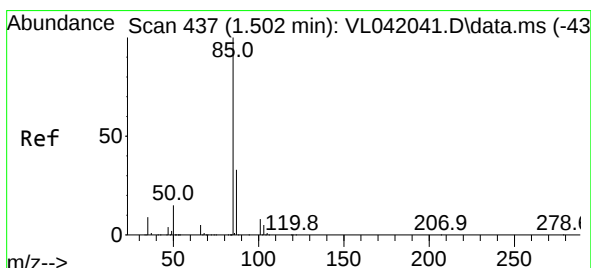
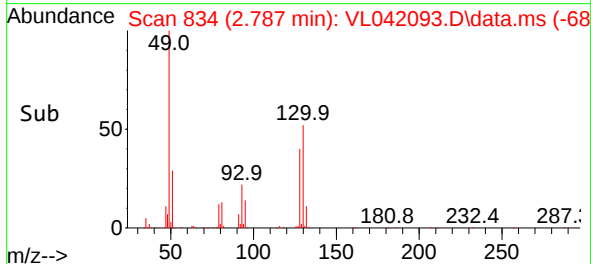
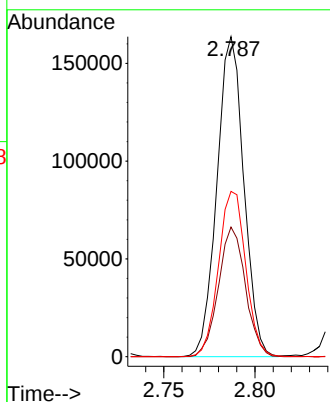
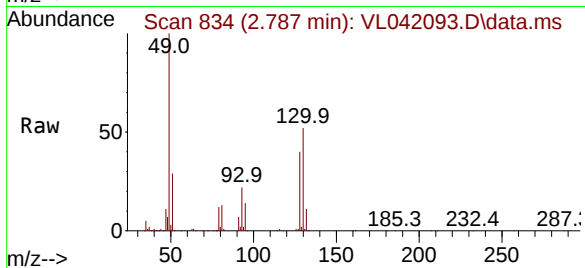
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 16790
Ion Ratio Lower Upper
49 100
128 40.6 21.6 64.8
130 52.4 27.8 83.4

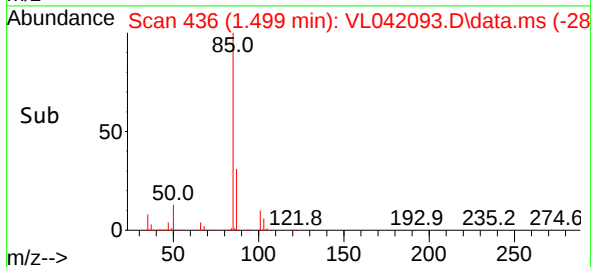
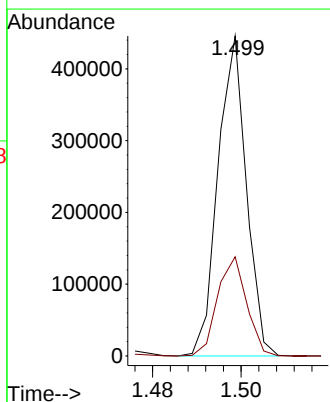
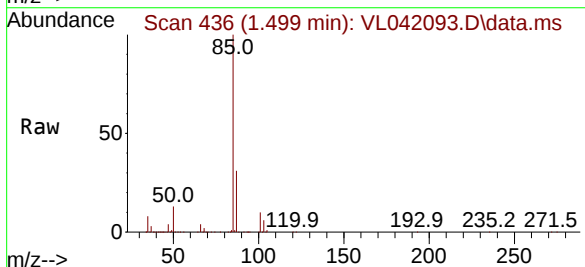
Manual Integrations
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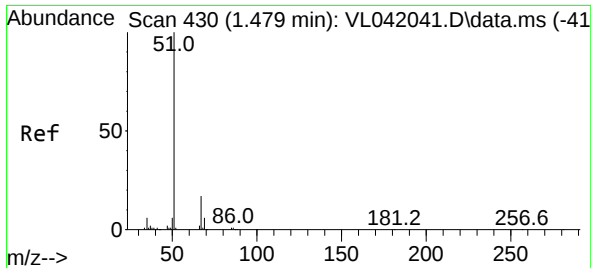
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#2
Dichlorodifluoromethane
Concen: 11.359 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

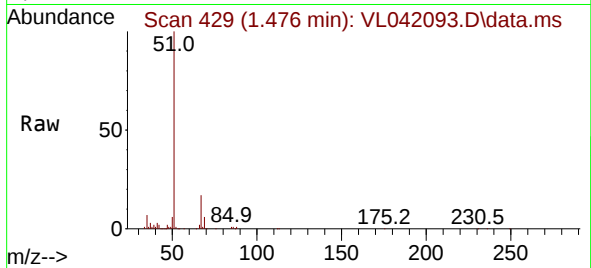
Tgt Ion: 85 Resp: 198320
Ion Ratio Lower Upper
85 100
87 31.0 26.4 39.6





#3
Chlorodifluoromethane
Concen: 9.585 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

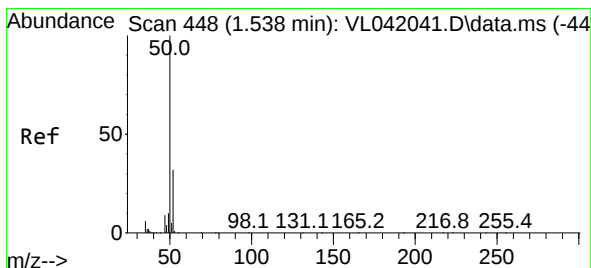
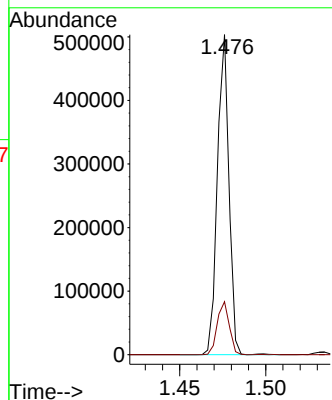
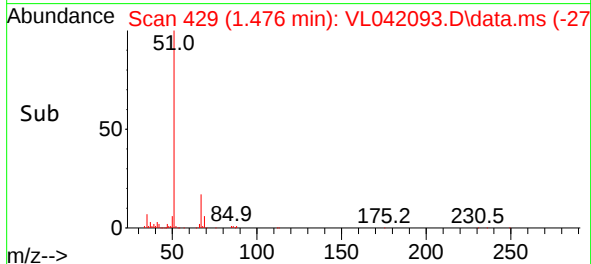
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



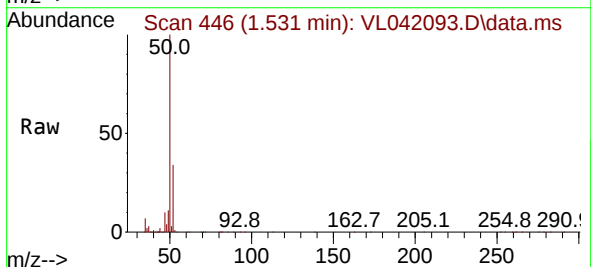
Tgt Ion: 51 Resp: 23389
Ion Ratio Lower Upper
51 100
67 17.3 13.7 20.5

Manual Integrations
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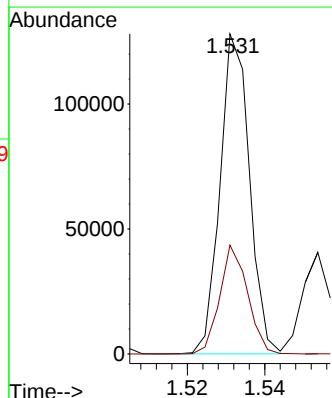
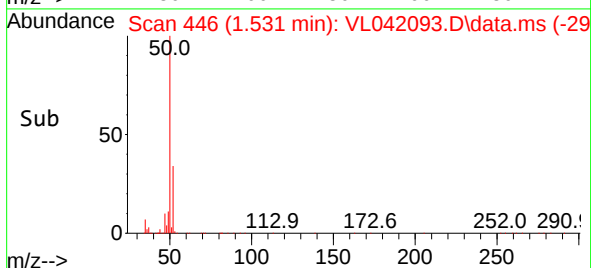
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

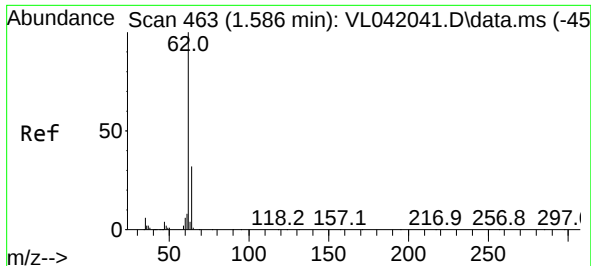


#4
Chloromethane
Concen: 10.449 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04



Tgt Ion: 50 Resp: 67468
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.0





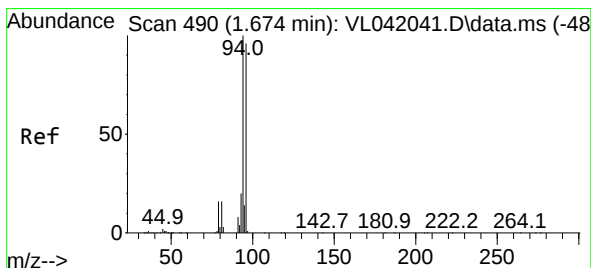
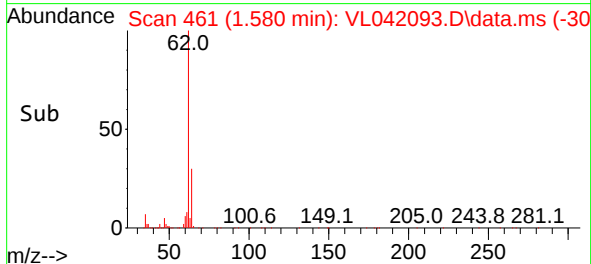
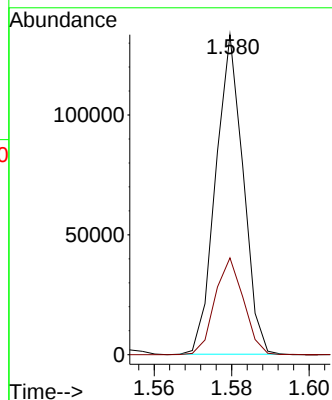
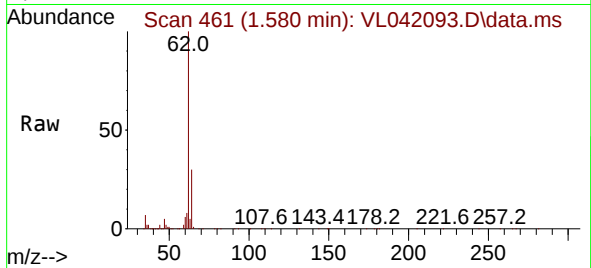
#5
 Vinyl Chloride
 Concen: 10.750 ppbv
 RT: 1.580 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 65650
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.3 37.9

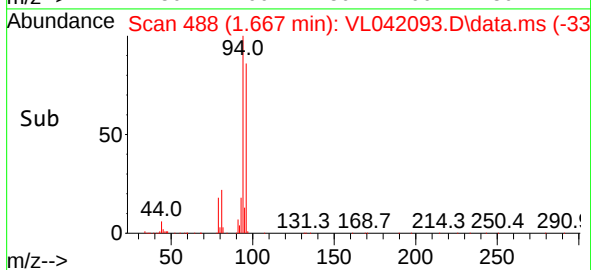
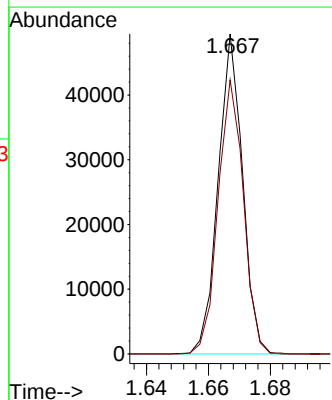
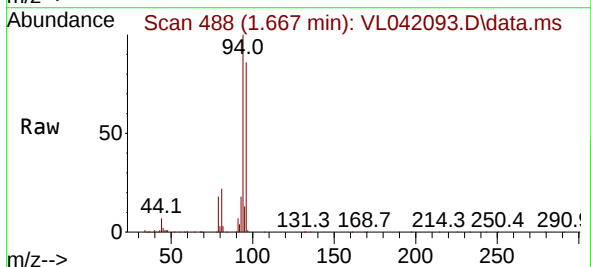
Manual Integrations
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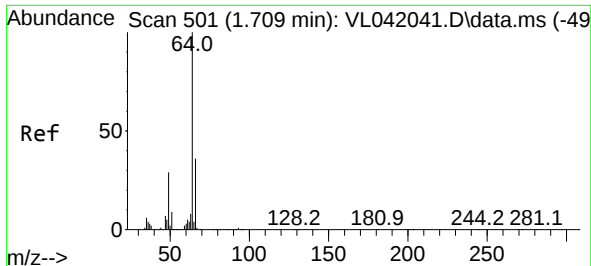
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#6
 Bromomethane
 Concen: 9.274 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.007 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

Tgt Ion: 94 Resp: 26970
 Ion Ratio Lower Upper
 94 100
 96 85.7 76.5 114.7





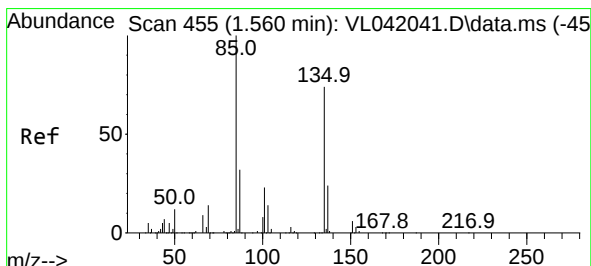
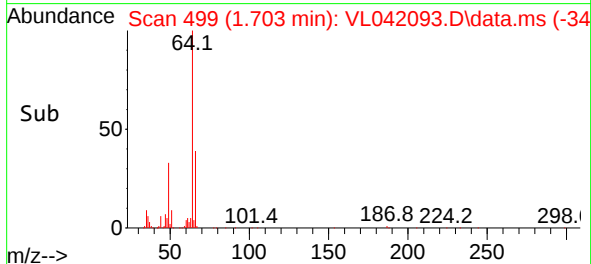
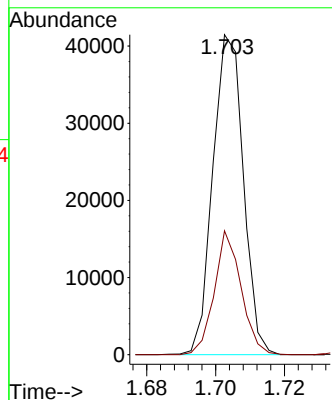
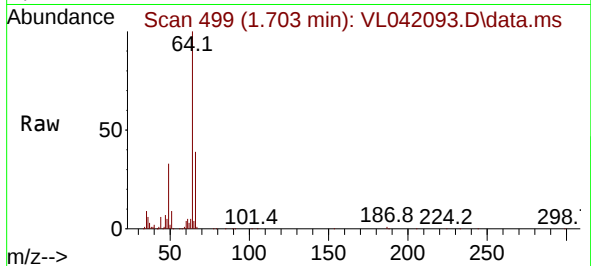
#7
Chloroethane
Concen: 10.279 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 25508
Ion Ratio Lower Upper
64 100
66 38.7 28.4 42.6

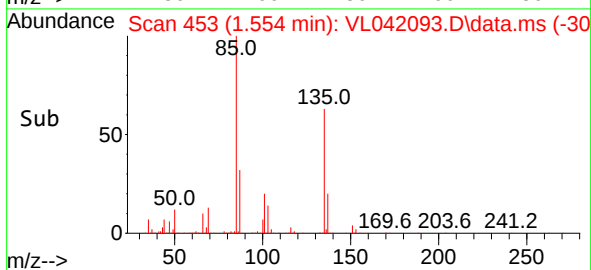
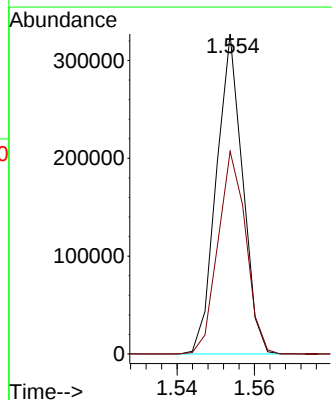
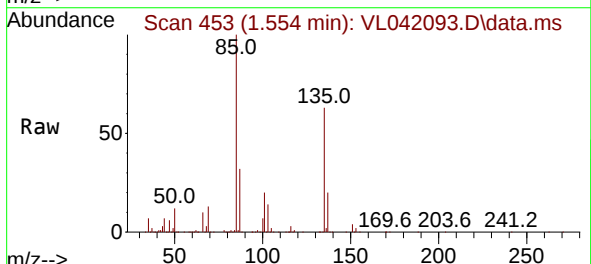
Manual Integrations
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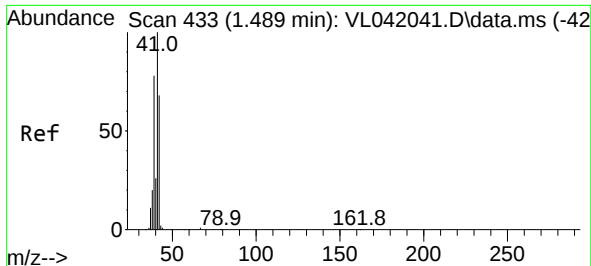
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#8
Dichlorotetrafluoroethane
Concen: 10.739 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion: 85 Resp: 154138
Ion Ratio Lower Upper
85 100
135 67.4 54.6 81.8





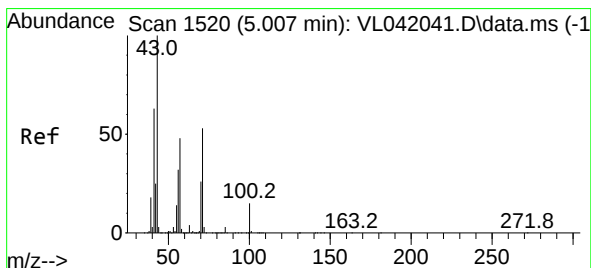
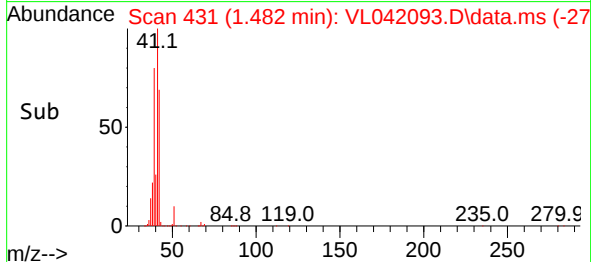
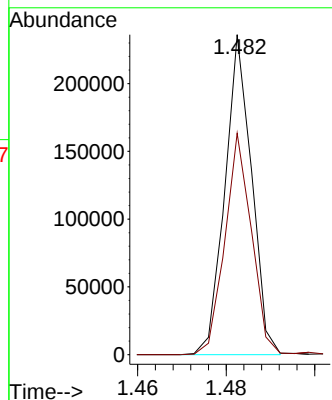
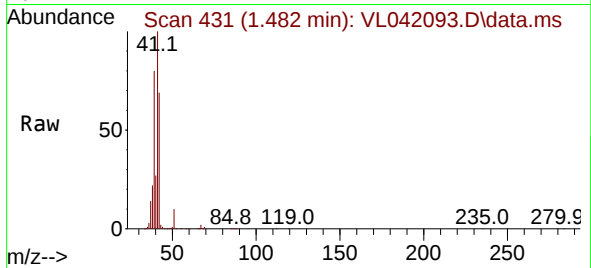
#9
 Propene
 Concen: 9.900 ppbv
 RT: 1.482 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 98419
 Ion Ratio Lower Upper
 41 100
 42 69.7 55.8 83.6

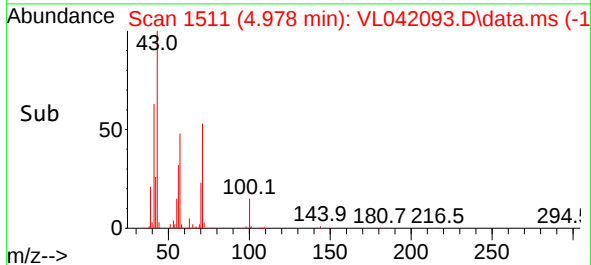
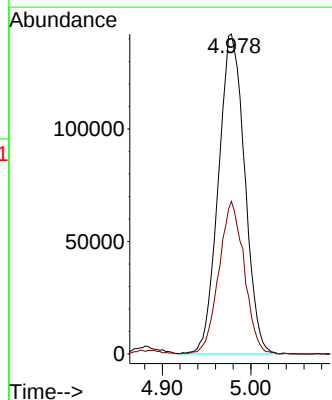
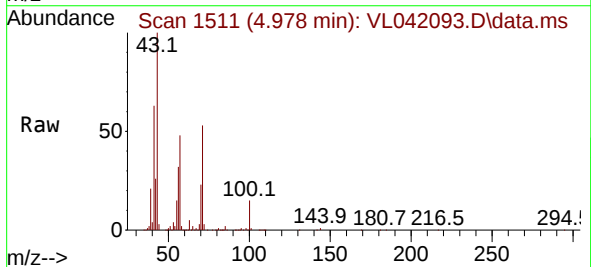
Manual Integrations
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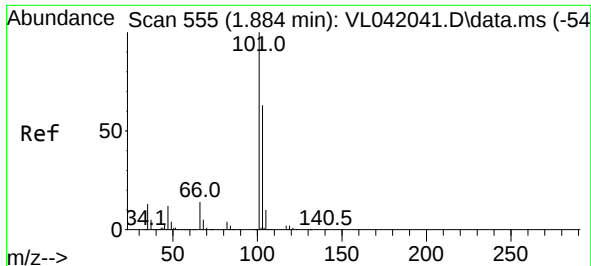
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#10
 Heptane
 Concen: 9.481 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. -0.029 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

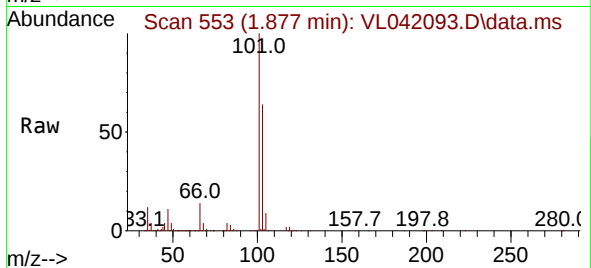
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 Ion Ratio Lower Upper
 43 100
 57 46.1 39.4 59.0





#11
 Trichlorofluoromethane
 Concen: 11.191 ppbv
 RT: 1.877 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

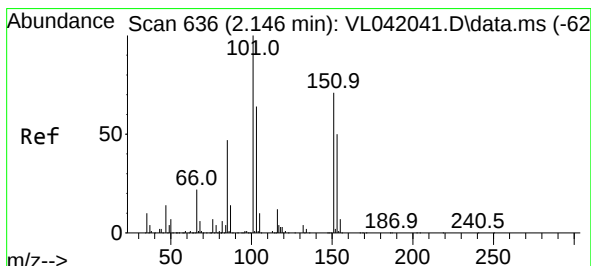
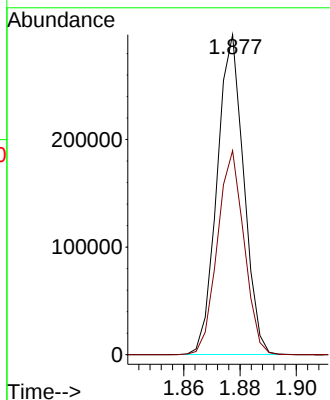
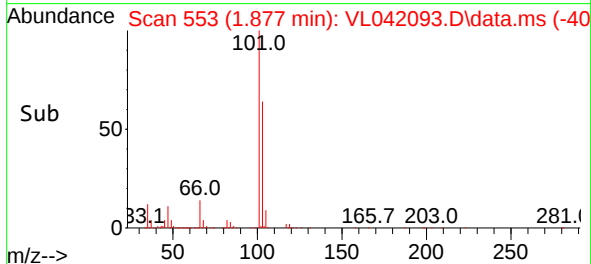
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



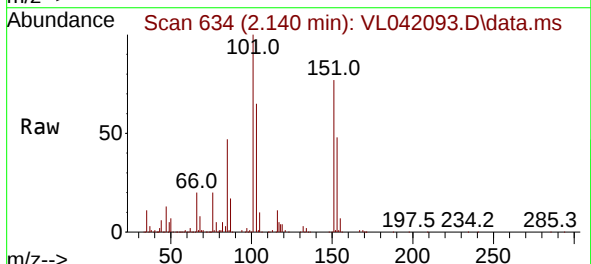
Tgt Ion:101 Resp: 195789
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.6 75.8

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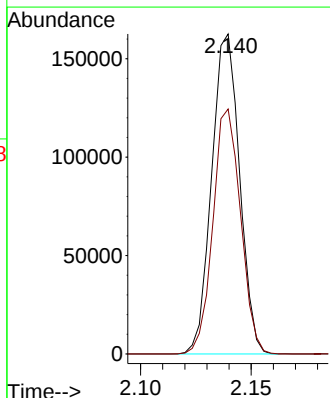
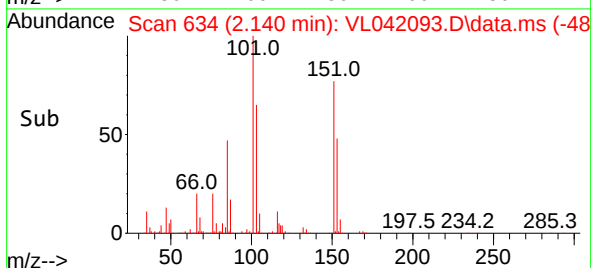
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

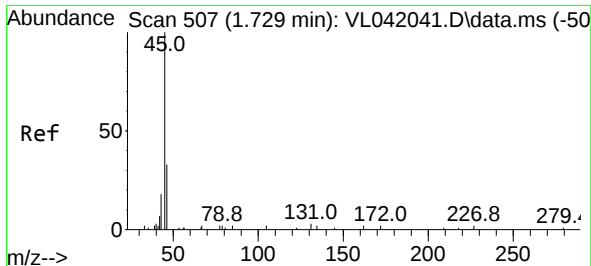


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.221 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.007 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04



Tgt Ion:101 Resp: 142638
 Ion Ratio Lower Upper
 101 100
 151 75.8 62.6 94.0





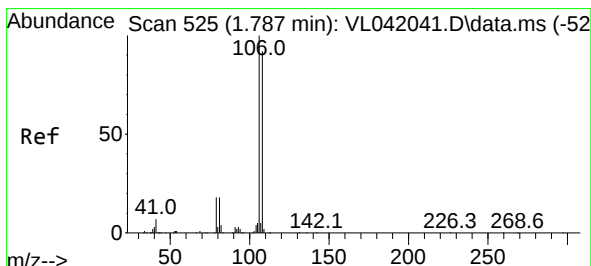
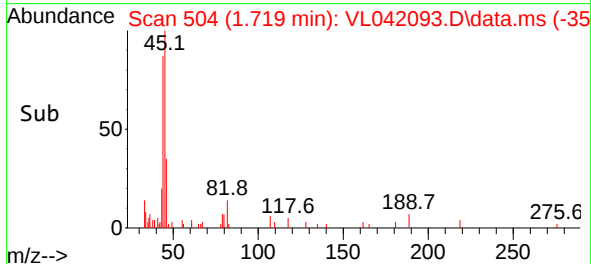
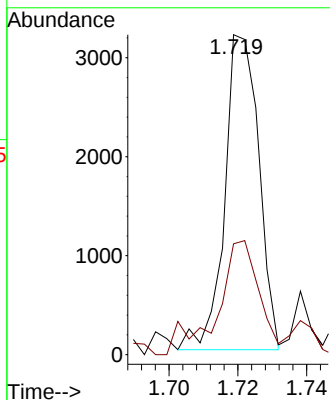
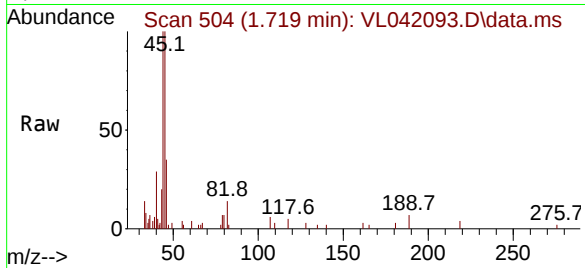
#13
Ethanol
Concen: 3.483 ppbv
RT: 1.719 min Scan# 507
Delta R.T. -0.010 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 2198
Ion Ratio Lower Upper
45 100
46 52.6 17.1 68.3

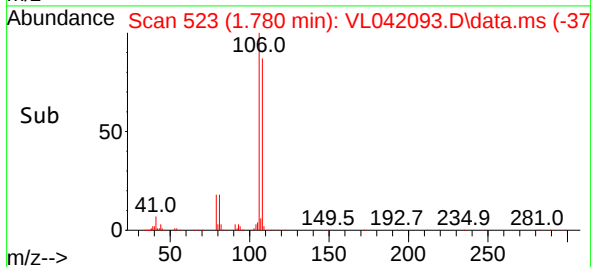
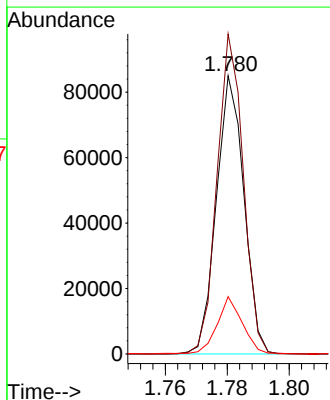
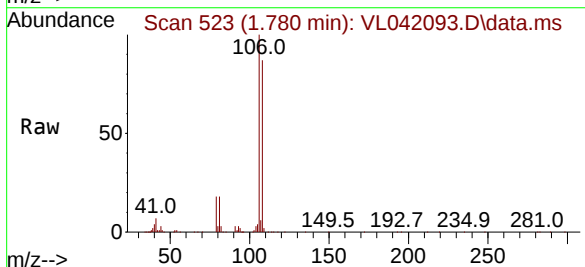
Manual Integrations
APPROVED

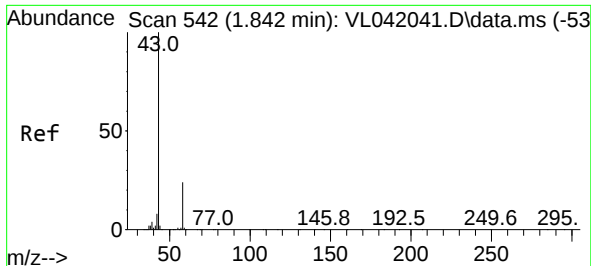
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#14
Bromoethene
Concen: 10.669 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

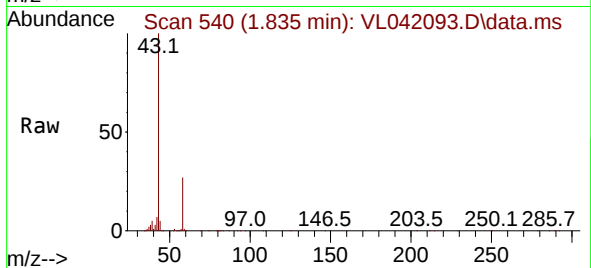
Tgt Ion:108 Resp: 52575
Ion Ratio Lower Upper
108 100
106 109.5 85.4 128.0
79 19.2 16.5 24.7





#15
Acetone
Concen: 9.653 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

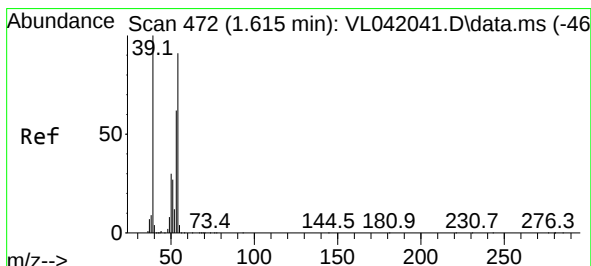
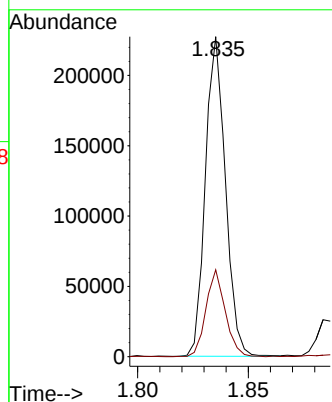
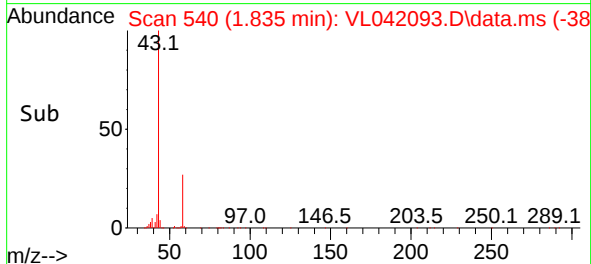
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 143128
Ion Ratio Lower Upper
43 100
58 26.5 20.7 31.1

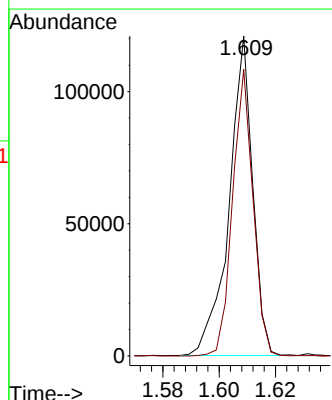
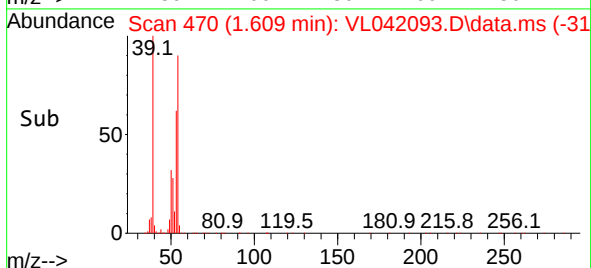
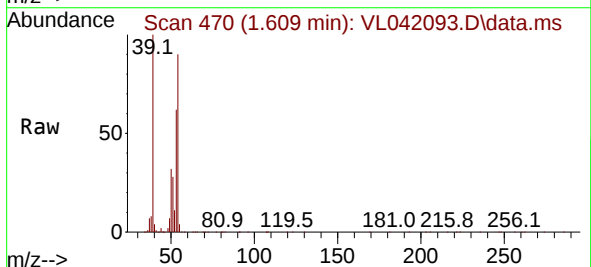
Manual Integrations
APPROVED

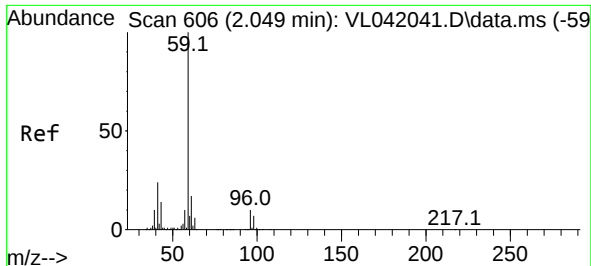
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#16
1,3-Butadiene
Concen: 10.182 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion: 39 Resp: 70259
Ion Ratio Lower Upper
39 100
54 78.1 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.029 ppbv

RT: 2.039 min Scan# 601

Delta R.T. -0.010 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 167499

Ion Ratio Lower Upper

59 100

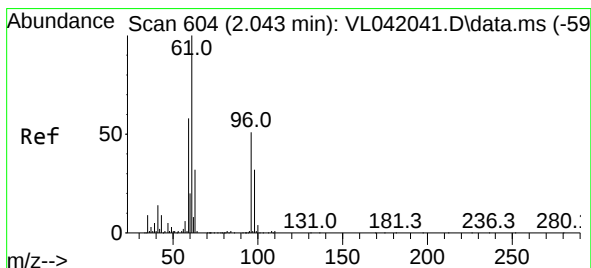
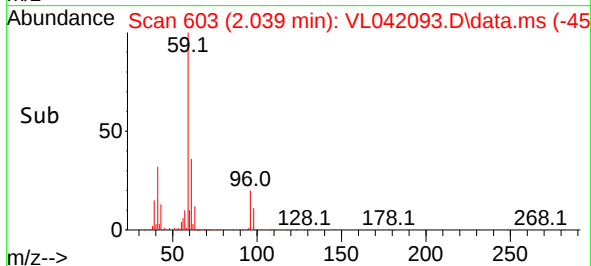
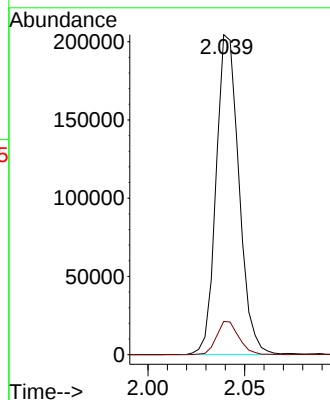
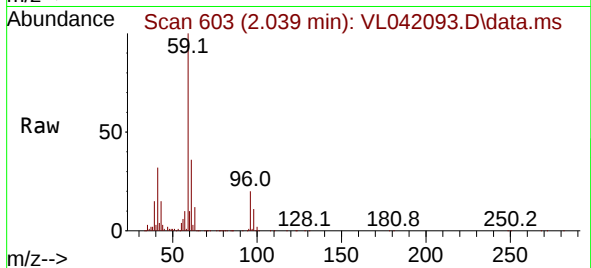
57 10.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#18

1,1-Dichloroethene

Concen: 9.796 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.010 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

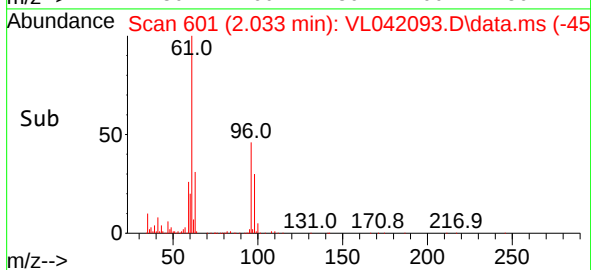
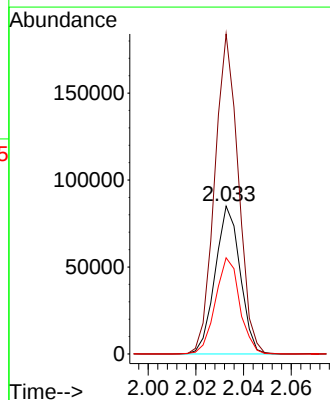
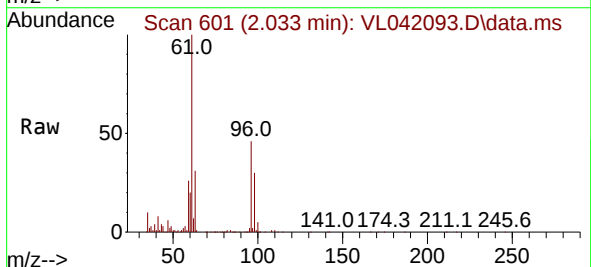
Tgt Ion: 96 Resp: 61772

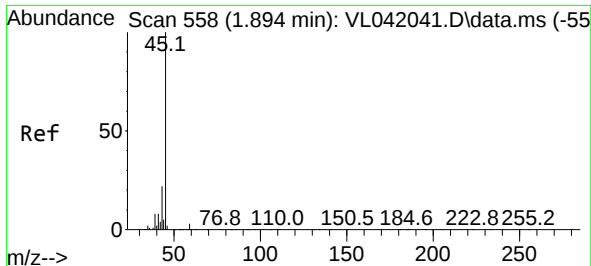
Ion Ratio Lower Upper

96 100

61 216.4 156.0 234.0

98 65.0 49.4 74.2





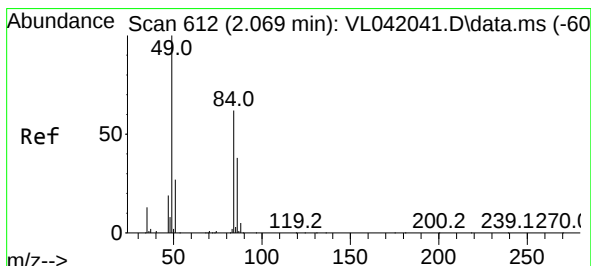
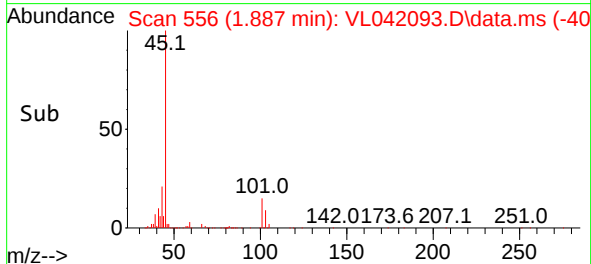
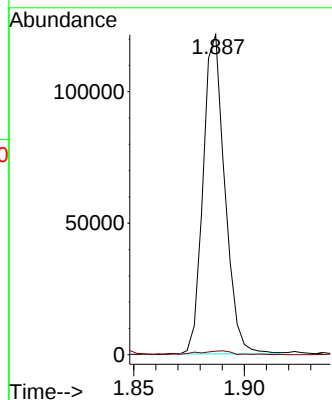
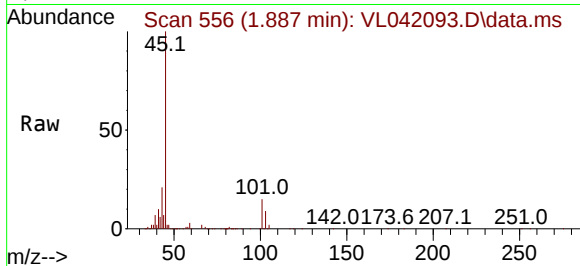
#19
Isopropyl Alcohol
Concen: 9.753 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 8307
Ion Ratio Lower Upper
45 100
58 45.6 35.3 52.9

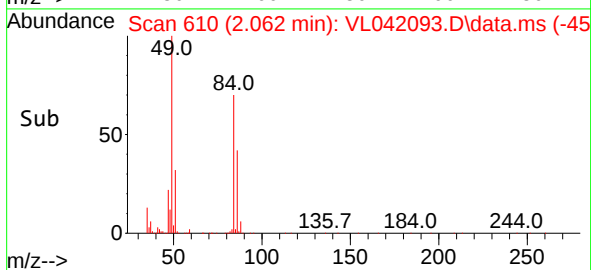
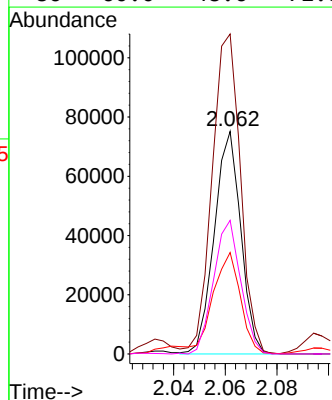
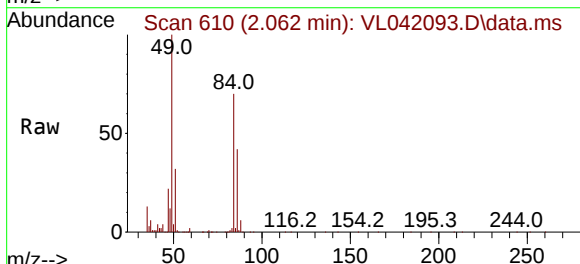
Manual Integrations
APPROVED

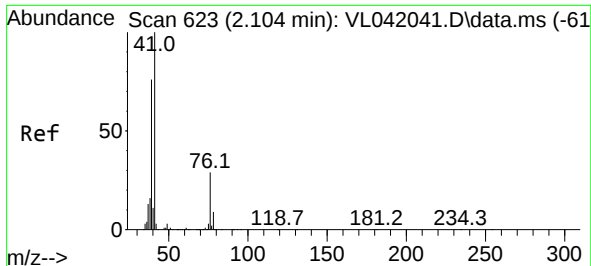
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#20
Methylene Chloride
Concen: 9.554 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.007 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

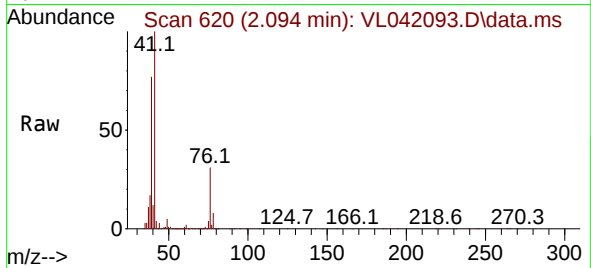
Tgt Ion: 84 Resp: 53584
Ion Ratio Lower Upper
84 100
49 143.5 130.0 195.0
51 45.4 37.4 56.0
86 60.0 48.6 72.8





#21
 Allyl Chloride
 Concen: 10.184 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

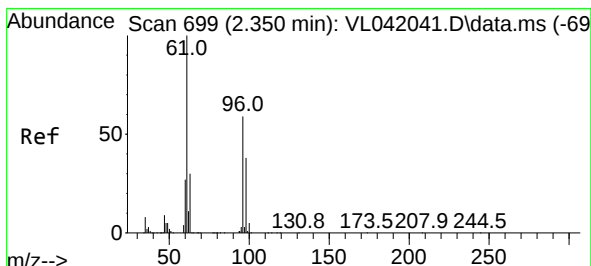
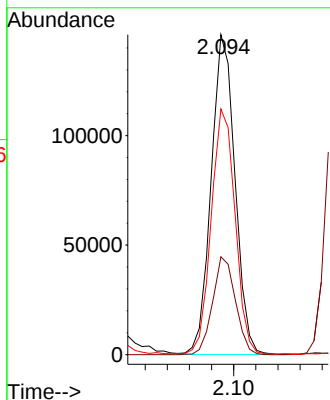
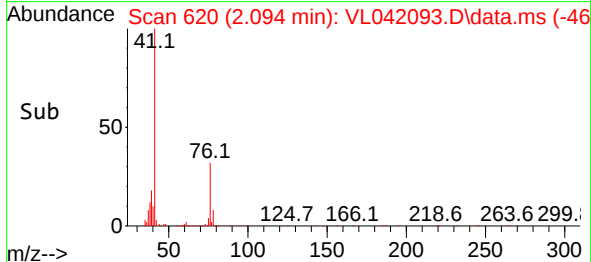
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 10911
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.8 35.6
 39 76.8 63.8 95.6

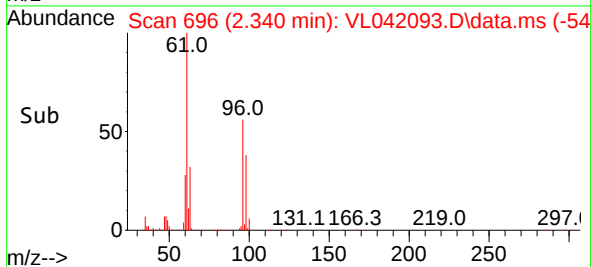
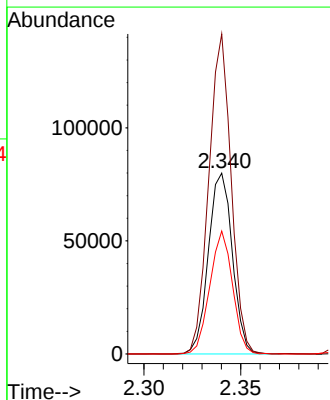
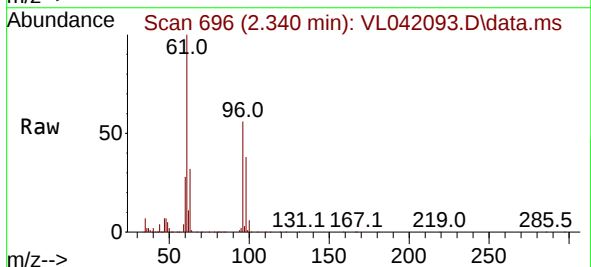
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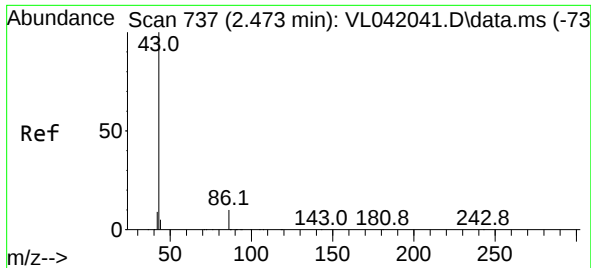
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.400 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.010 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

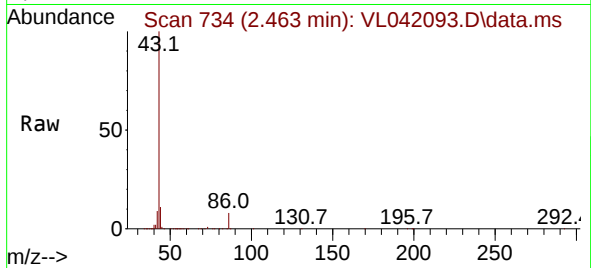
Tgt Ion: 96 Resp: 69098
 Ion Ratio Lower Upper
 96 100
 61 176.9 136.6 205.0
 98 68.0 51.8 77.6





#23
 Vinyl Acetate
 Concen: 10.571 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.010 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

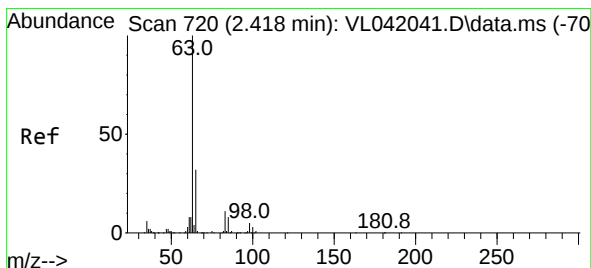
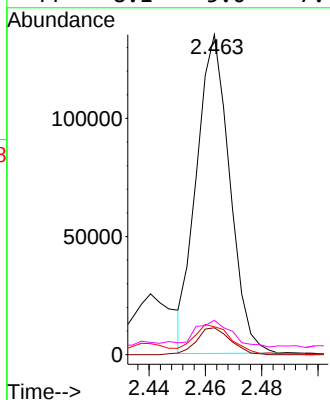
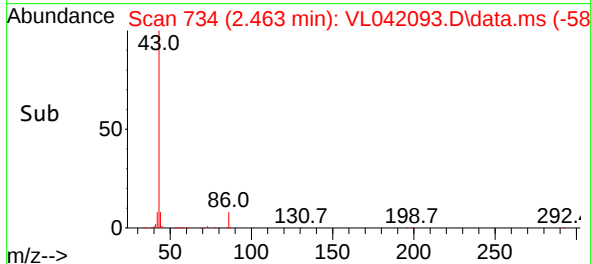
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 110211
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.0 10.4
 42 8.4 7.6 11.4
 44 8.1 5.0 7.4#

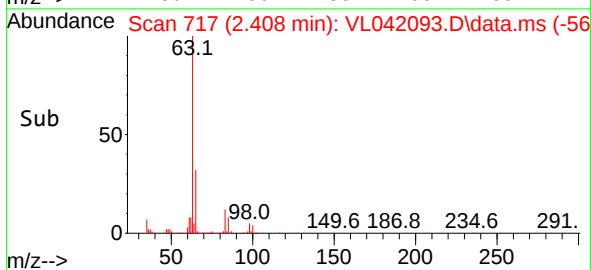
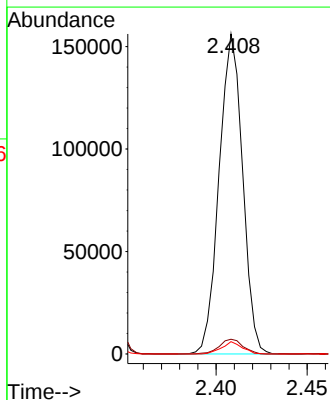
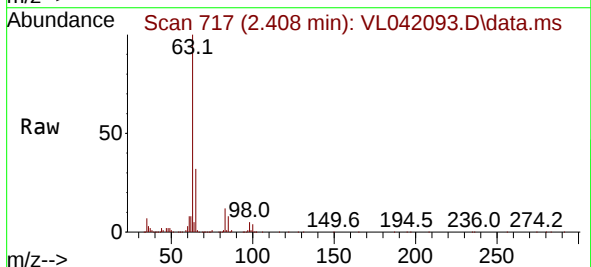
Manual Integrations
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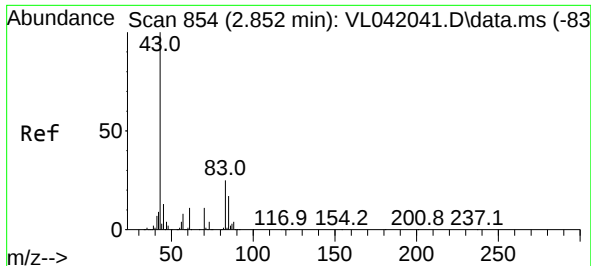
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#24
 1,1-Dichloroethane
 Concen: 10.220 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.010 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

Tgt Ion: 63 Resp: 139792
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.4 7.2
 100 3.9 1.7 5.0





#25

Ethyl Acetate

Concen: 9.258 ppbv

RT: 2.835 min Scan# 84

Delta R.T. -0.016 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 549508

Ion Ratio Lower Upper

43 100

45 9.8 8.1 12.1

61 8.7 7.2 10.8

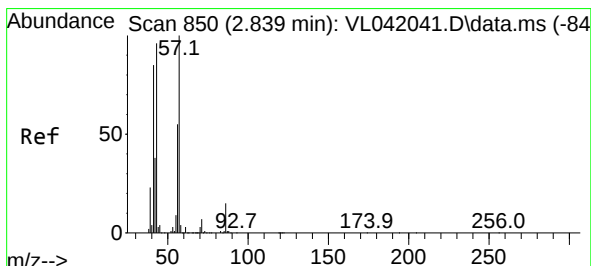
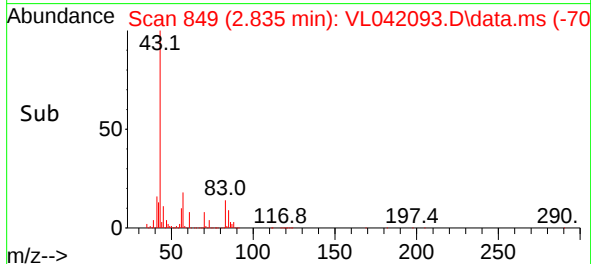
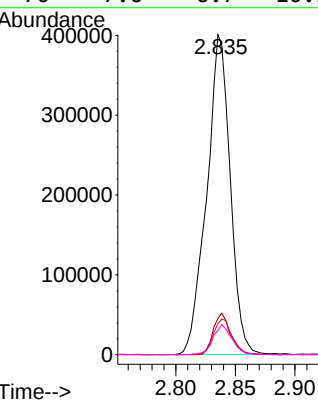
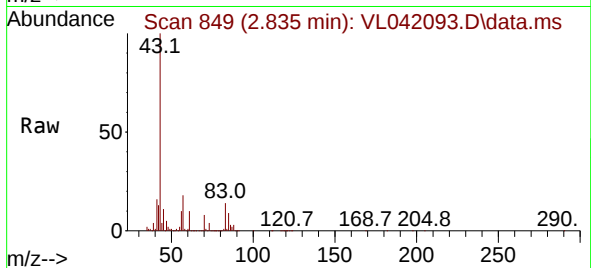
70 7.6 6.7 10.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#26

Hexane

Concen: 9.227 ppbv

RT: 2.826 min Scan# 846

Delta R.T. -0.013 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

Tgt Ion: 57 Resp: 221390

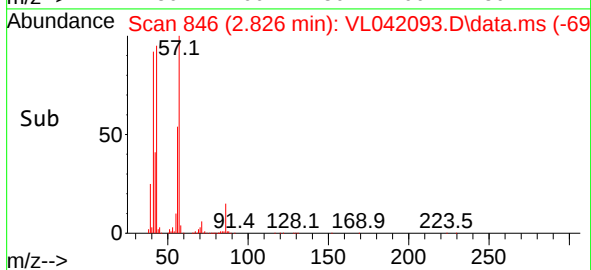
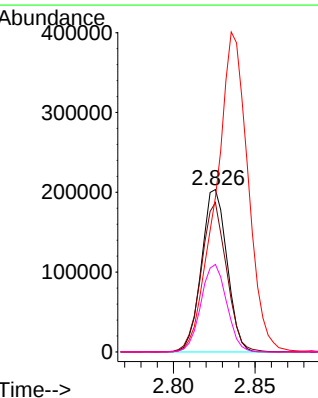
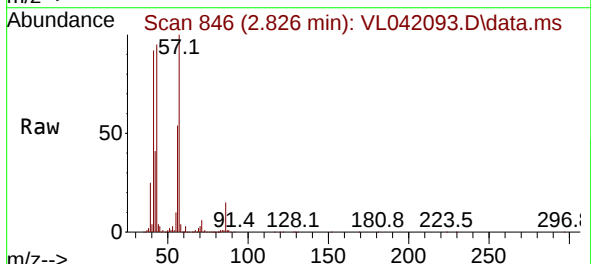
Ion Ratio Lower Upper

57 100

41 92.2 70.6 106.0

43 248.9 199.4 299.0

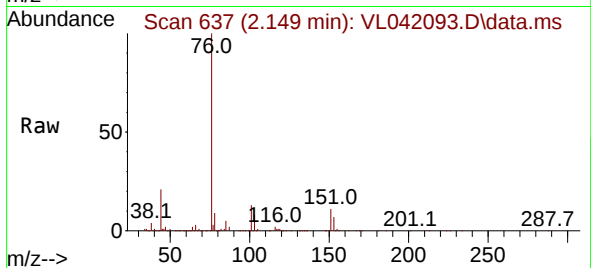
56 54.6 42.6 64.0





#27
Carbon Disulfide
Concen: 9.996 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

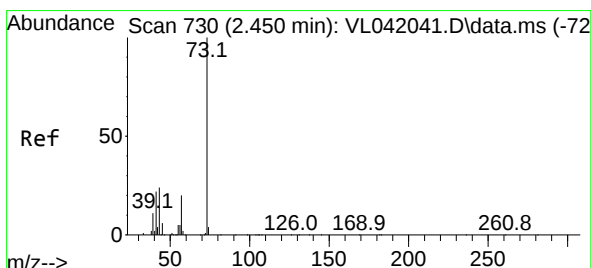
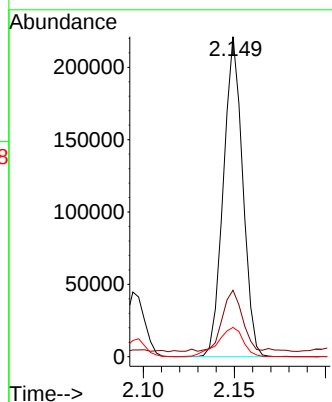
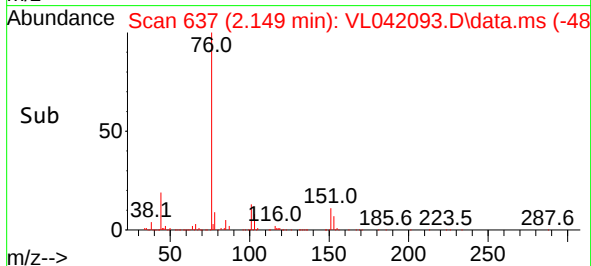
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 162589
Ion Ratio Lower Upper
76 100
44 20.6 16.2 24.2
78 12.1 9.4 14.0

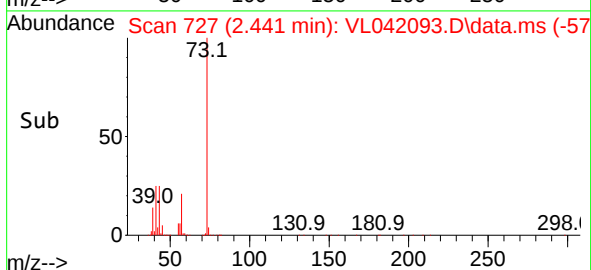
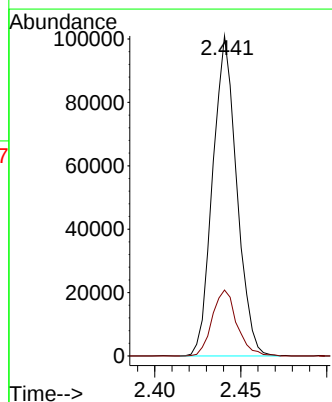
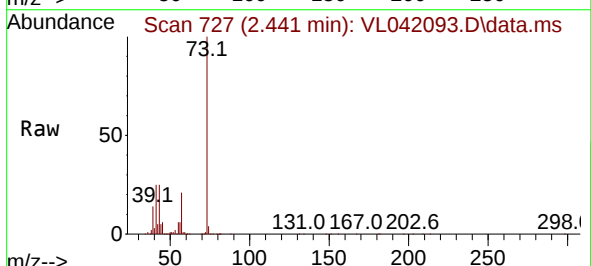
Manual Integrations
APPROVED

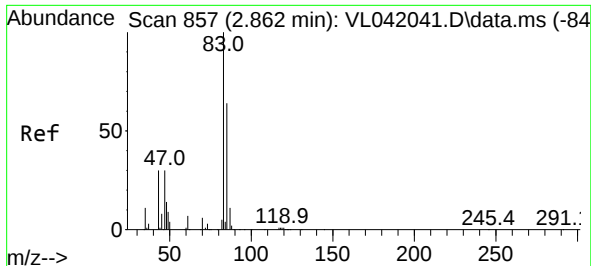
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#28
Methyl tert-Butyl Ether
Concen: 8.223 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.010 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion: 73 Resp: 98233
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5





#29

Chloroform

Concen: 9.383 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 303024

Ion Ratio Lower Upper

83 100

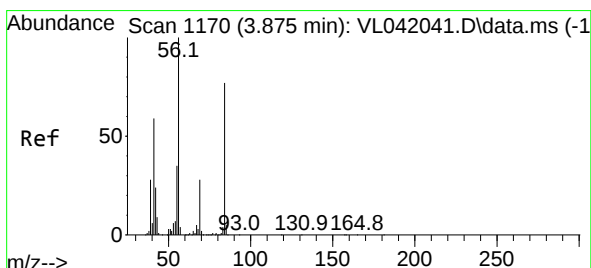
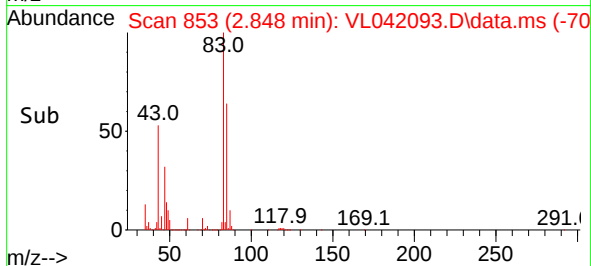
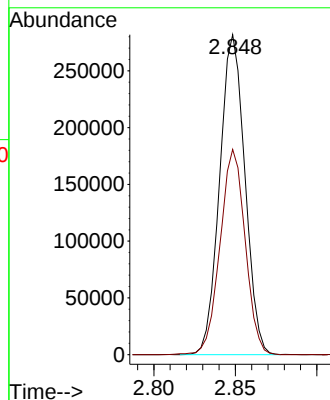
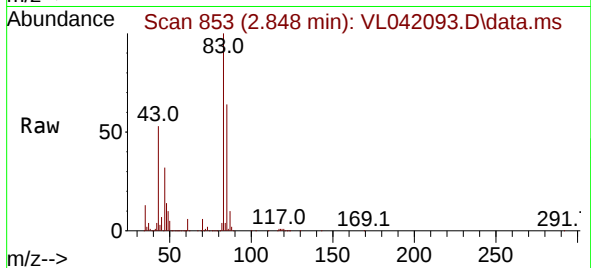
85 64.1 51.2 76.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#30

Cyclohexane

Concen: 8.871 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.016 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

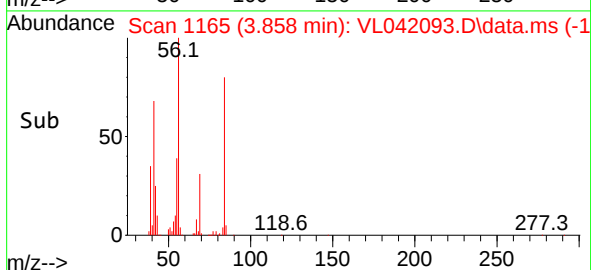
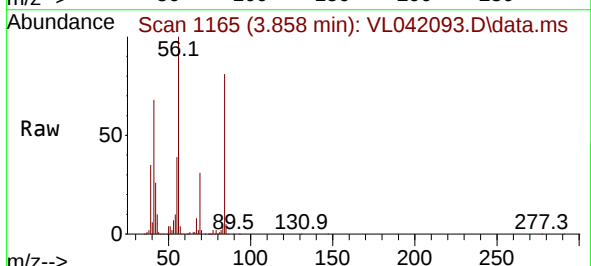
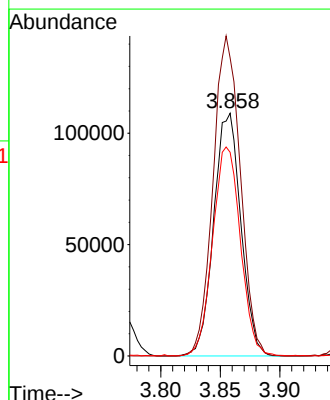
Tgt Ion: 84 Resp: 172776

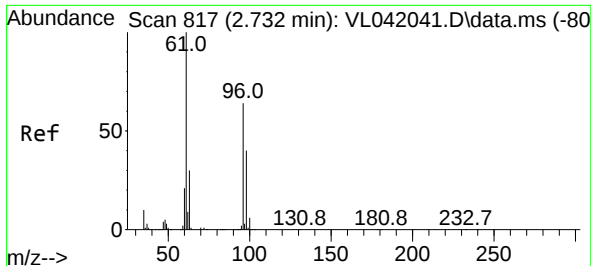
Ion Ratio Lower Upper

84 100

56 132.4 101.5 152.3

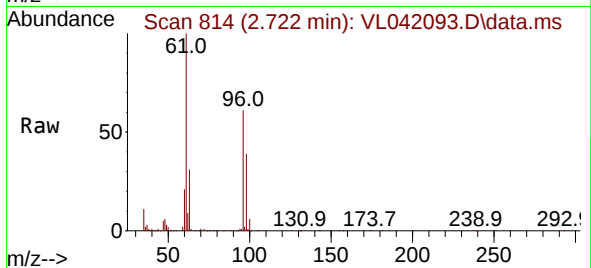
41 88.2 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.195 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.010 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

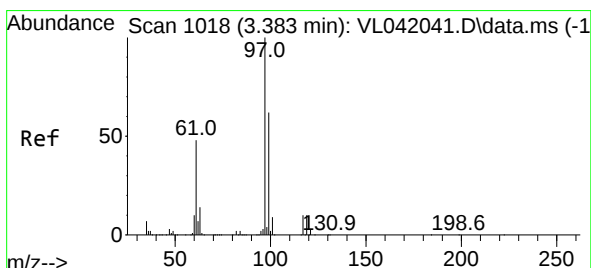
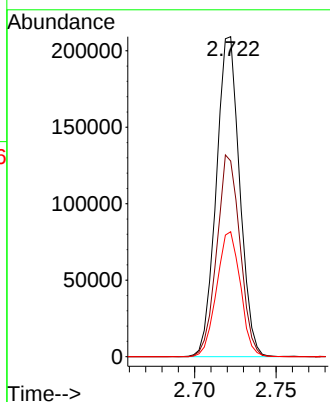
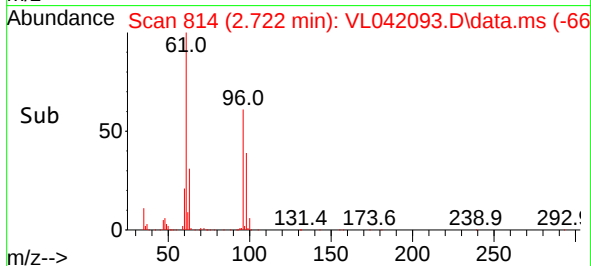
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



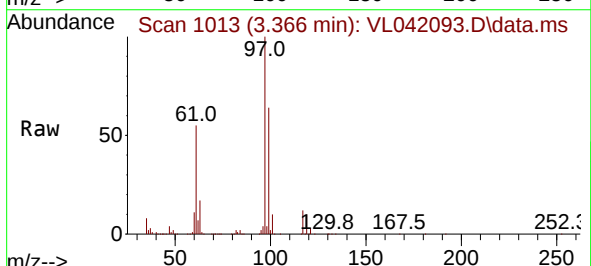
Tgt Ion: 61 Resp: 208859
 Ion Ratio Lower Upper
 61 100
 96 61.2 51.5 77.3
 98 39.1 32.0 48.0

Manual Integrations
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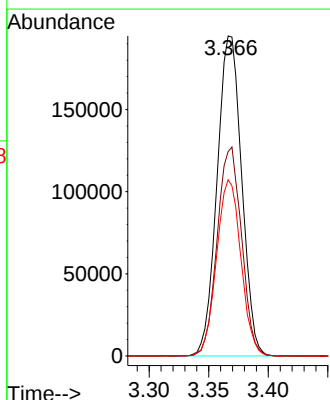
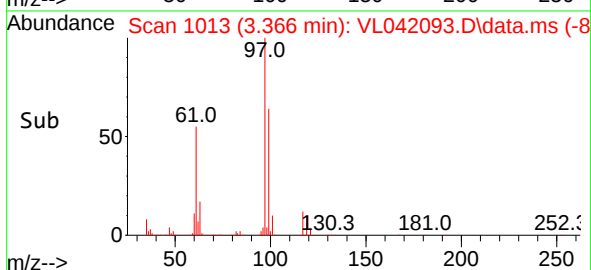
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

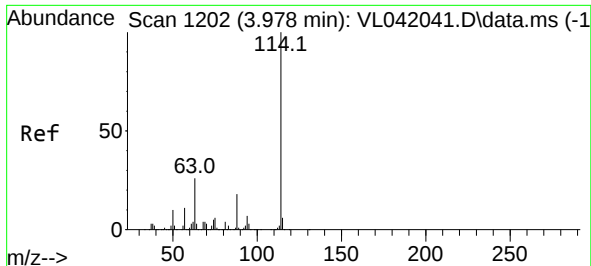


#32
 1,1,1-Trichloroethane
 Concen: 8.921 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.016 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04



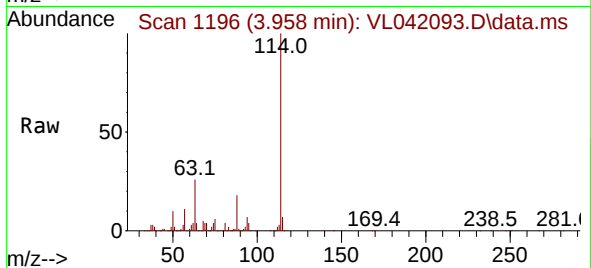
Tgt Ion: 97 Resp: 279461
 Ion Ratio Lower Upper
 97 100
 99 64.5 49.8 74.6
 61 54.5 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.958 min Scan# 1196
Delta R.T. -0.020 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

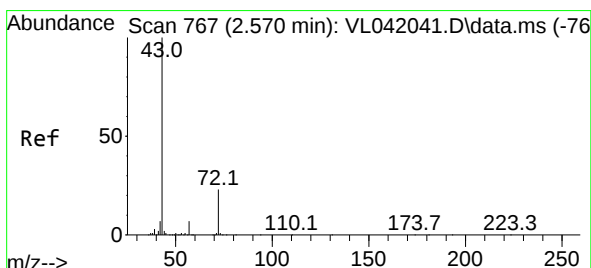
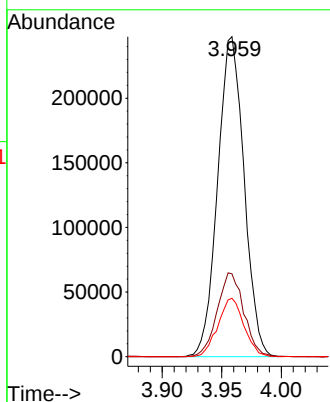
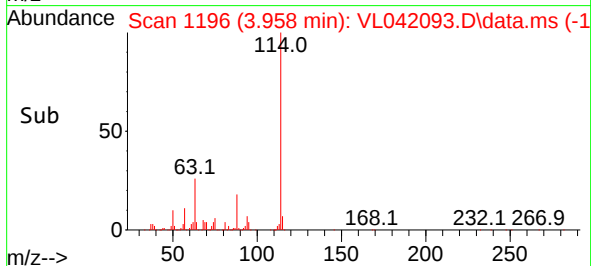
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 38149
Ion Ratio Lower Upper
114 100
63 26.4 20.1 30.1
88 17.9 14.3 21.5

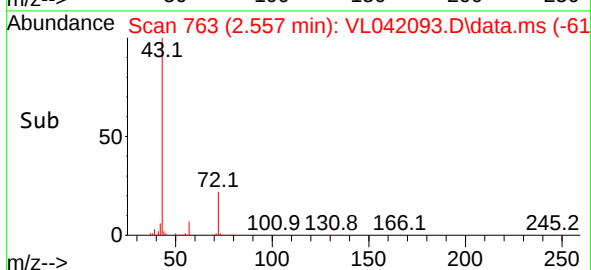
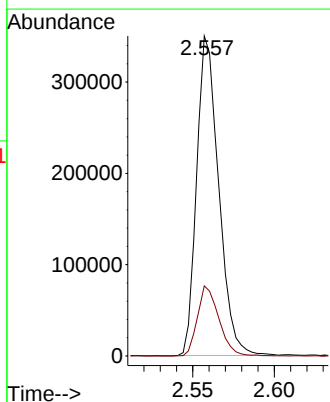
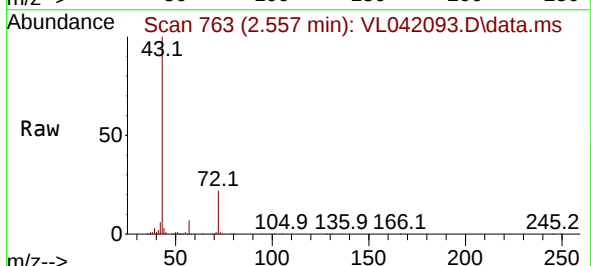
Manual Integrations
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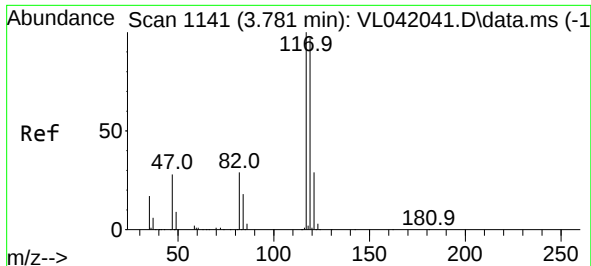
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#34
2-Butanone
Concen: 11.063 ppbv
RT: 2.557 min Scan# 763
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

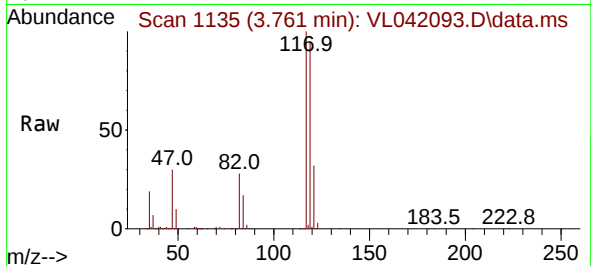
Tgt Ion: 43 Resp: 328786
Ion Ratio Lower Upper
43 100
72 21.4 18.5 27.7





#35
Carbon Tetrachloride
Concen: 10.872 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.020 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

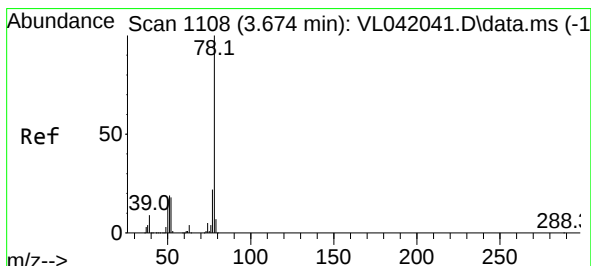
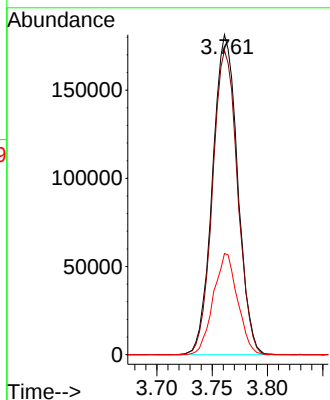
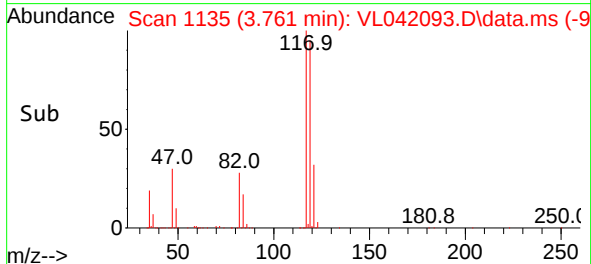
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



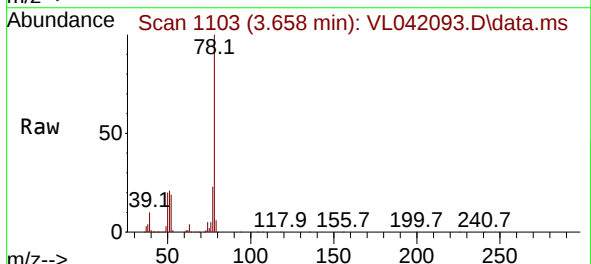
Tgt Ion: 117 Resp: 286014
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.8
121 31.6 23.4 35.0

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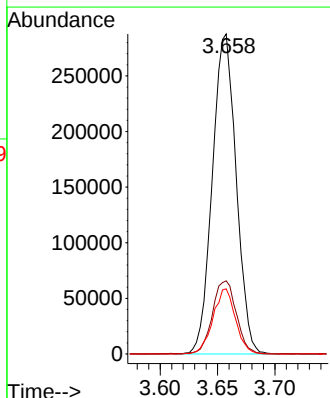
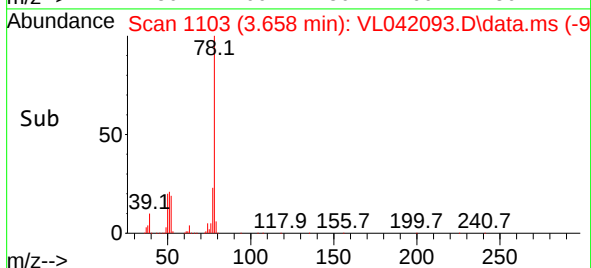
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

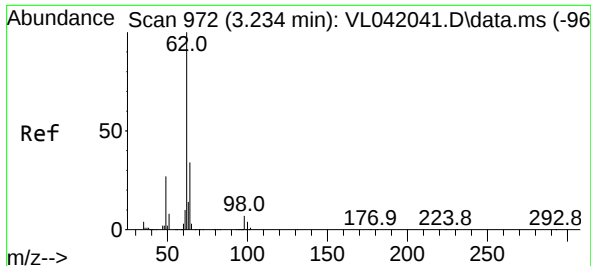


#36
Benzene
Concen: 10.425 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04



Tgt Ion: 78 Resp: 416352
Ion Ratio Lower Upper
78 100
77 22.9 17.7 26.5
50 20.3 13.9 20.9





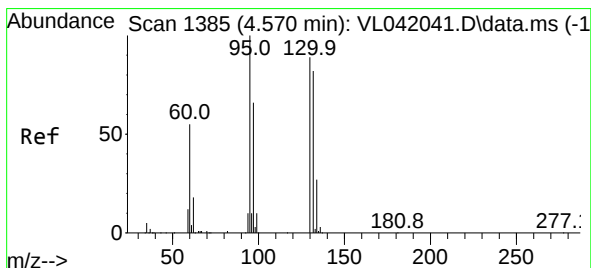
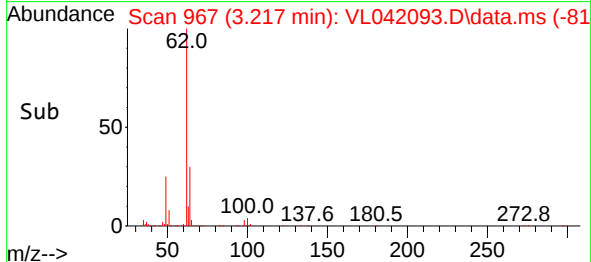
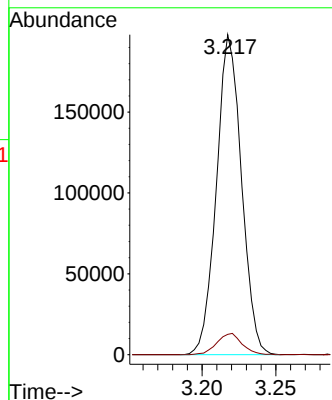
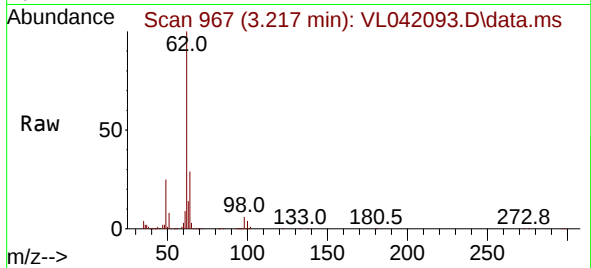
#37
1,2-Dichloroethane
Concen: 10.544 ppbv
RT: 3.217 min Scan# 90
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 233469
Ion Ratio Lower Upper
62 100
98 6.7 5.7 8.5

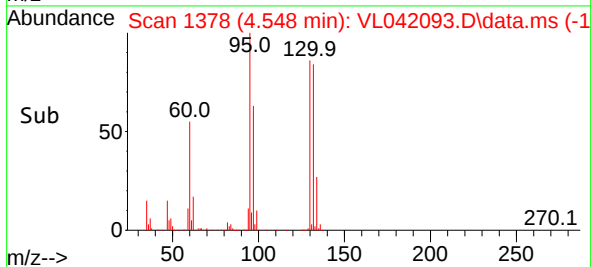
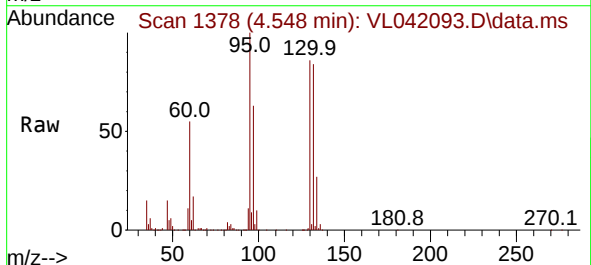
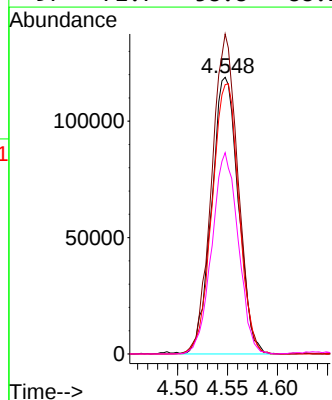
Manual Integrations
APPROVED

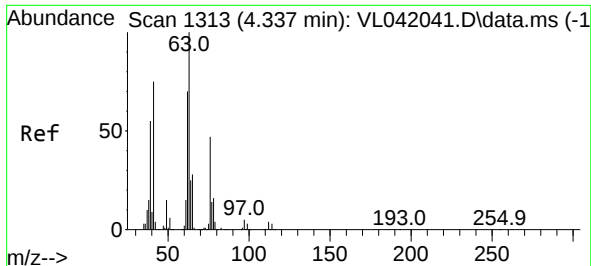
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#38
Trichloroethene
Concen: 13.607 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.023 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion:130 Resp: 221898
Ion Ratio Lower Upper
130 100
95 115.6 89.5 134.3
132 97.3 73.8 110.6
97 72.7 58.8 88.2





#39

1,2-Dichloropropane

Concen: 10.520 ppbv

RT: 4.311 min Scan# 1313

Delta R.T. -0.026 min

Lab File: VL042093.D

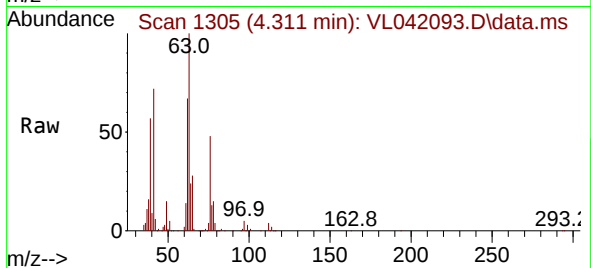
Acq: 04 Mar 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 63 Resp: 15946

Ion Ratio Lower Upper

63 100

41 72.0 60.1 90.1

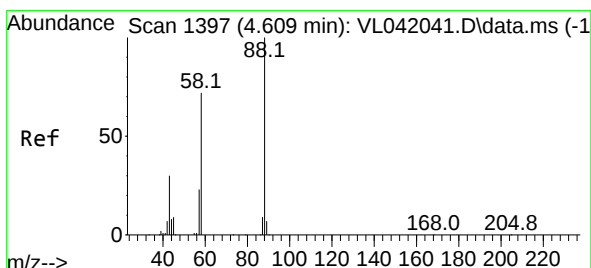
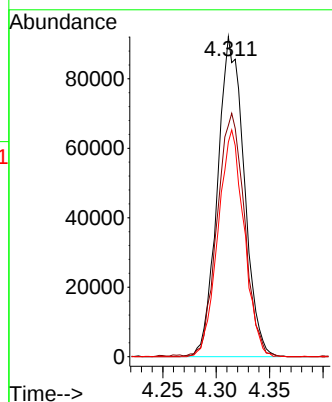
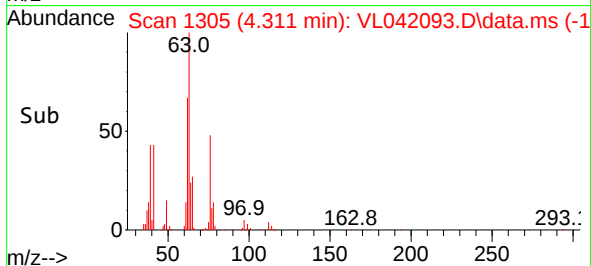
62 67.1 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#40

1,4-Dioxane

Concen: 10.282 ppbv

RT: 4.586 min Scan# 1390

Delta R.T. -0.023 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

Tgt Ion: 88 Resp: 71148

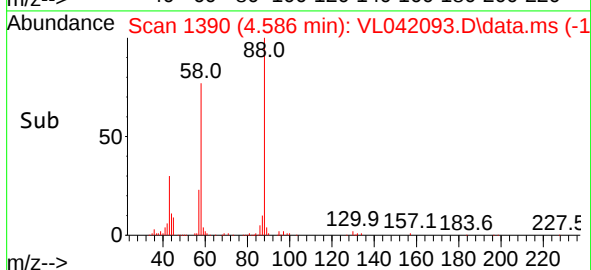
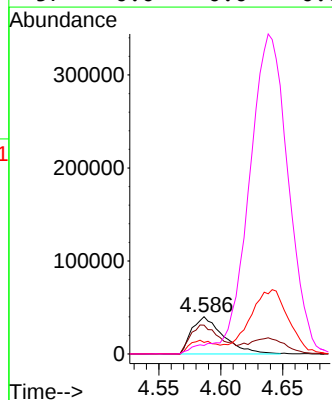
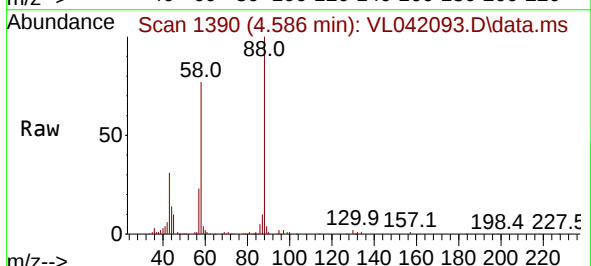
Ion Ratio Lower Upper

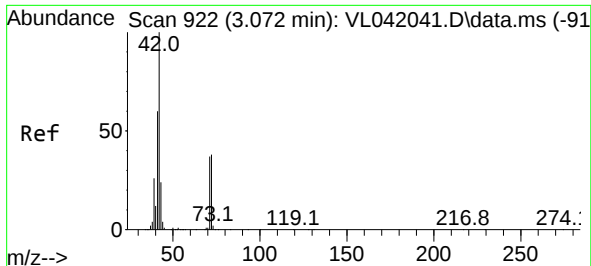
88 100

58 74.4 62.6 94.0

43 33.3 0.0 0.0#

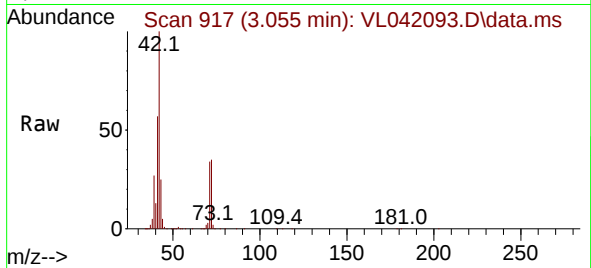
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.708 ppbv
RT: 3.055 min Scan# 917
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

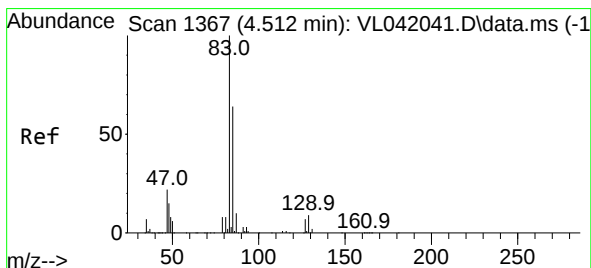
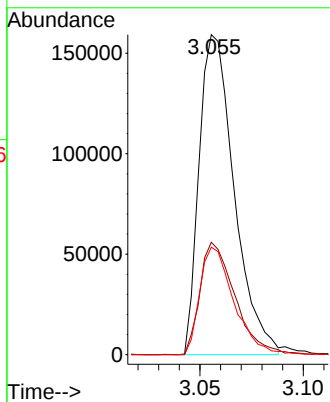
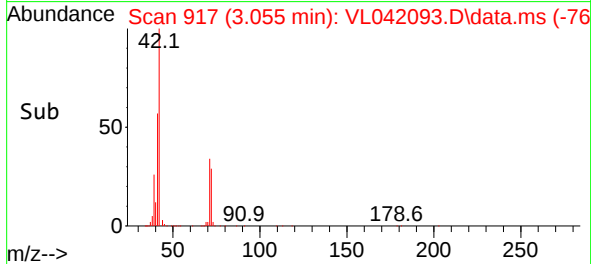
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 18804
Ion Ratio Lower Upper
42 100
72 35.2 30.2 45.2
71 32.8 28.2 42.4

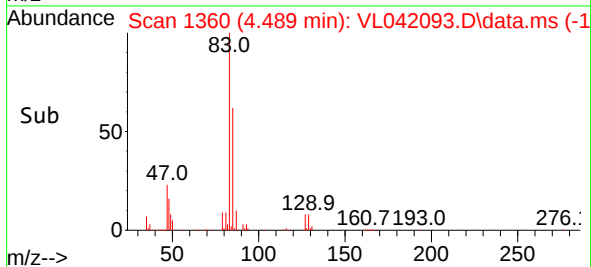
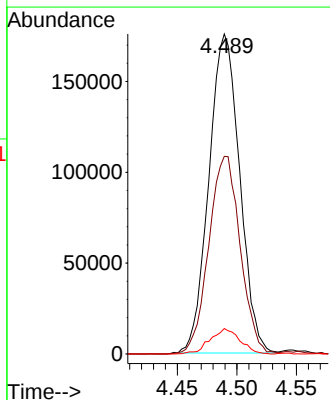
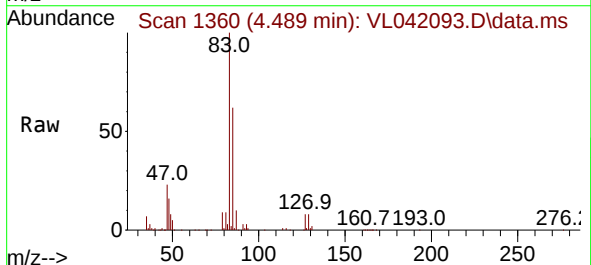
Manual Integrations
APPROVED

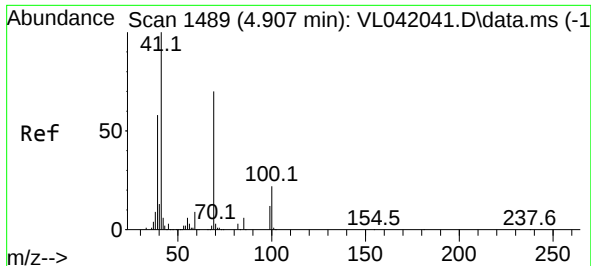
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#42
Bromodichloromethane
Concen: 10.569 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.023 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion: 83 Resp: 315319
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.2
127 7.9 5.8 8.6





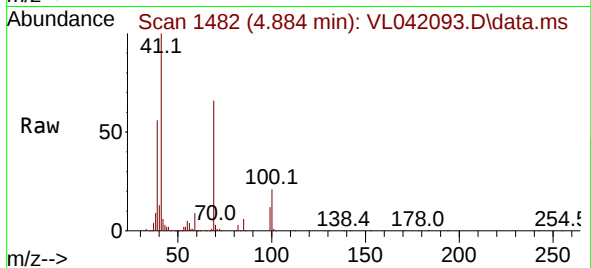
#43
Methyl Methacrylate
Concen: 10.090 ppbv
RT: 4.884 min Scan# 1489
Delta R.T. -0.023 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

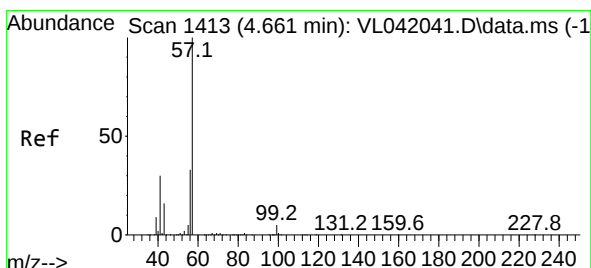
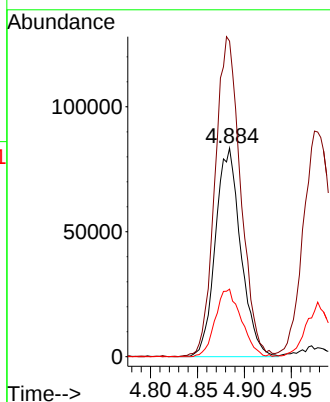
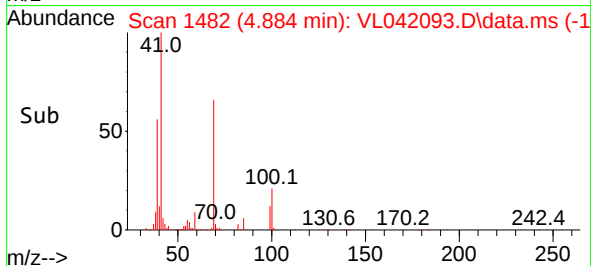


Tgt Ion: 69 Resp: 157370
Ion Ratio Lower Upper
69 100
41 154.4 118.2 177.4
100 33.1 27.0 40.4

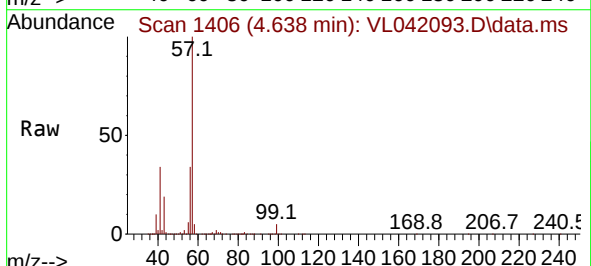
Manual Integrations

APPROVED

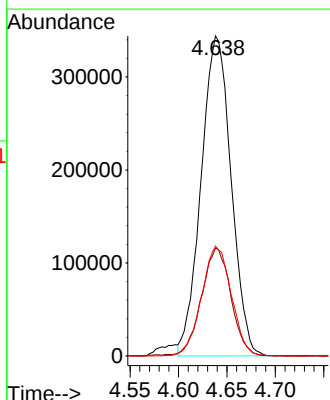
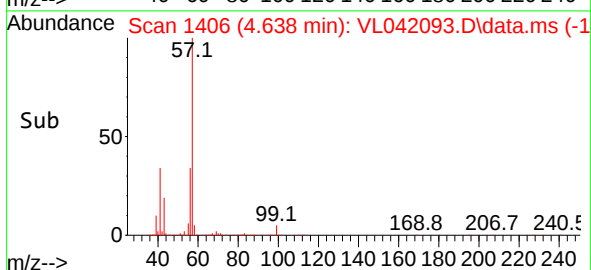
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

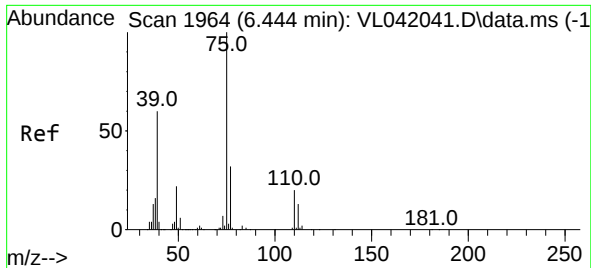


#44
2,2,4-Trimethylpentane
Concen: 10.527 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.023 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04



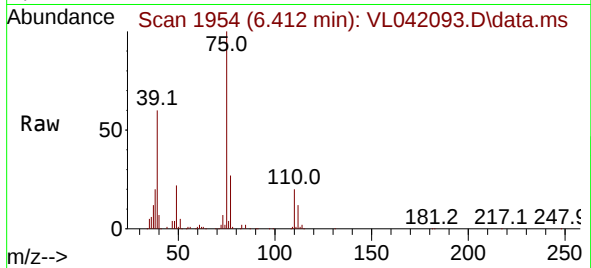
Tgt Ion: 57 Resp: 741983
Ion Ratio Lower Upper
57 100
41 33.4 24.4 36.6
56 34.0 26.5 39.7





#45
 t-1,3-Dichloropropene
 Concen: 7.755 ppbv m
 RT: 6.412 min Scan# 1964
 Delta R.T. -0.033 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

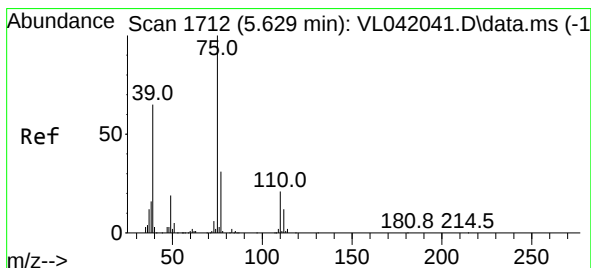
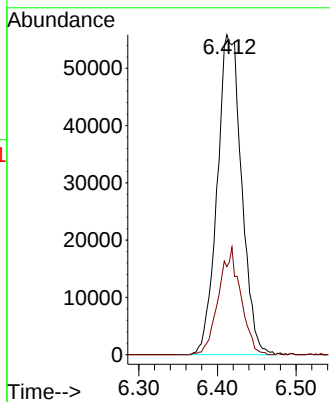
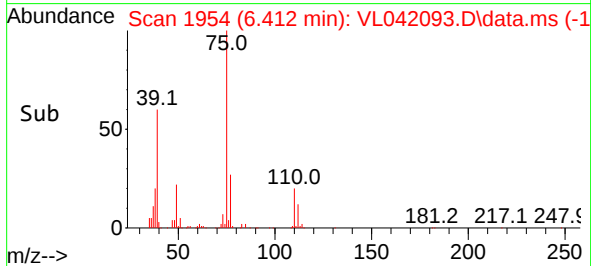
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 12015
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.9 38.9

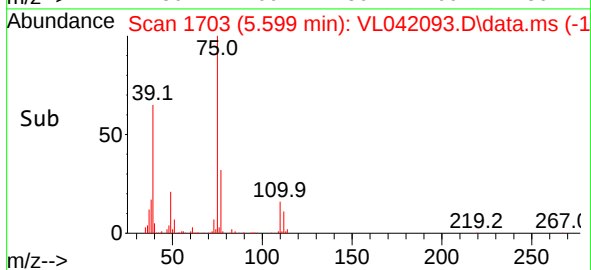
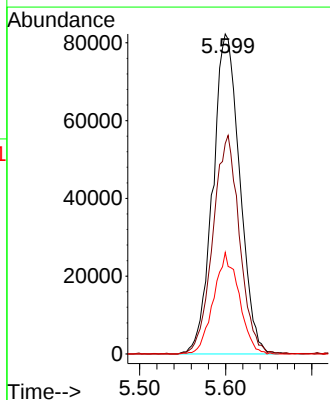
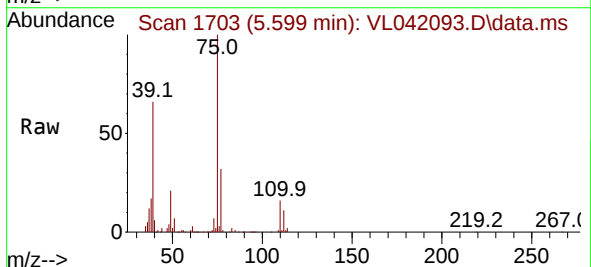
Manual Integrations
 APPROVED

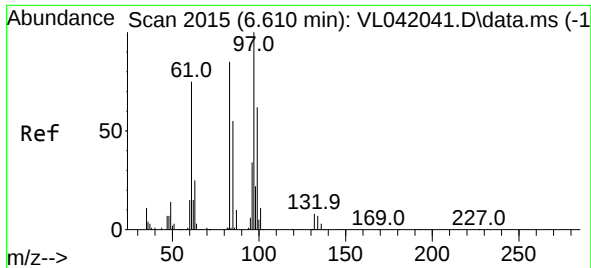
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#46
 cis-1,3-Dichloropropene
 Concen: 8.926 ppbv
 RT: 5.599 min Scan# 1703
 Delta R.T. -0.029 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

Tgt Ion: 75 Resp: 178969
 Ion Ratio Lower Upper
 75 100
 39 65.7 51.9 77.9
 77 31.7 24.9 37.3





#47
1,1,2-Trichloroethane
Concen: 10.335 ppbv
RT: 6.583 min Scan# 2015
Delta R.T. -0.026 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

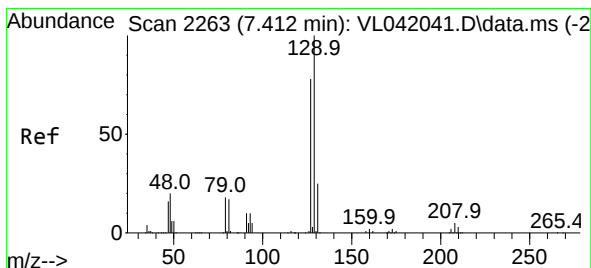
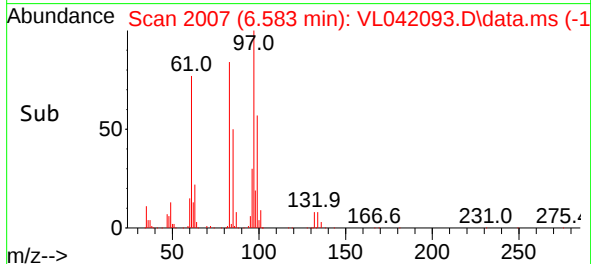
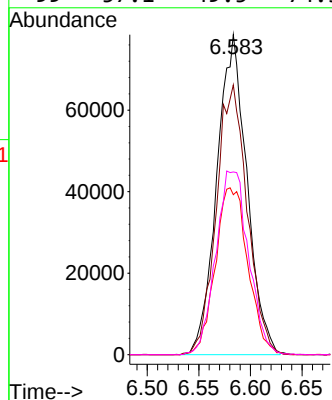
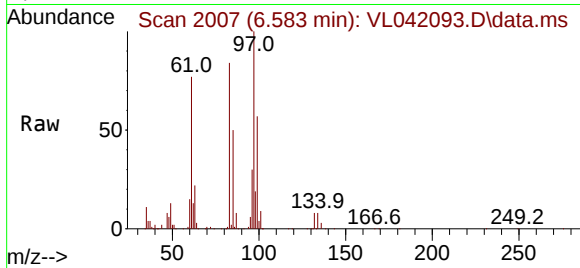
VSTDCCC010EC

Tgt Ion: 97 Resp: 159040
Ion Ratio Lower Upper
97 100
83 84.3 68.1 102.1
85 50.0 44.0 66.0
99 57.1 49.5 74.3

Manual Integrations

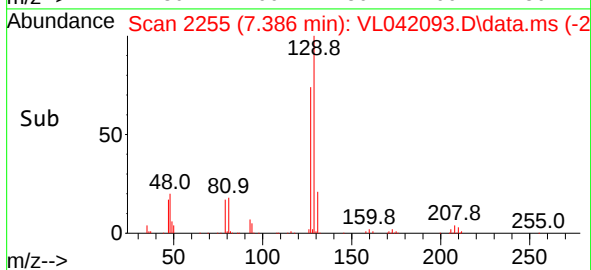
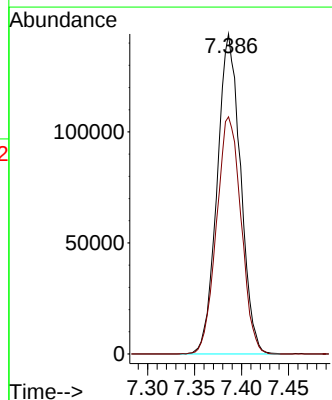
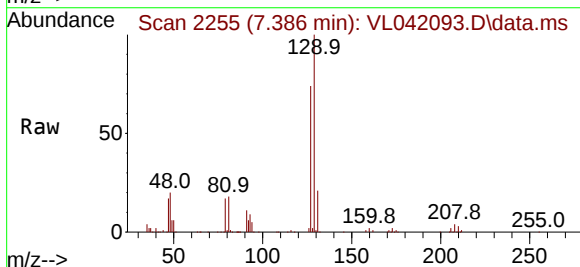
APPROVED

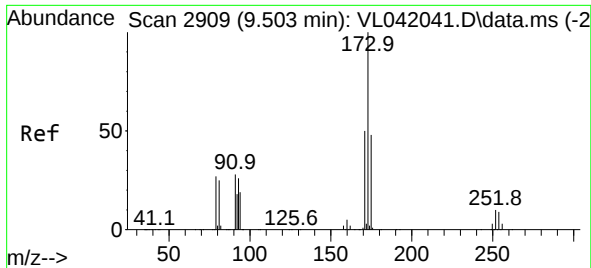
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#48
Dibromochloromethane
Concen: 10.344 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. -0.026 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

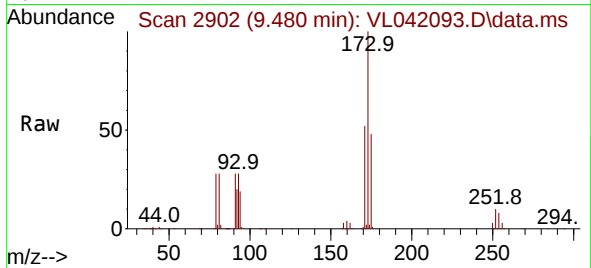
Tgt Ion:129 Resp: 249300
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#49
Bromoform
Concen: 10.167 ppbv
RT: 9.480 min Scan# 2909
Delta R.T. -0.023 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

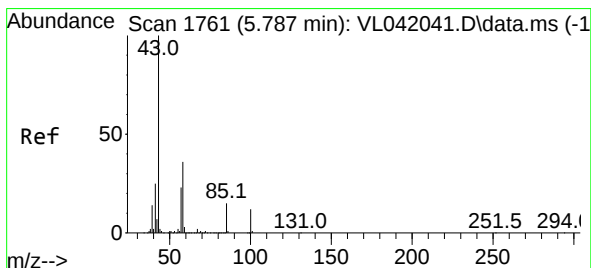
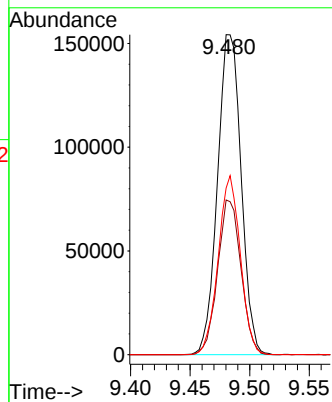
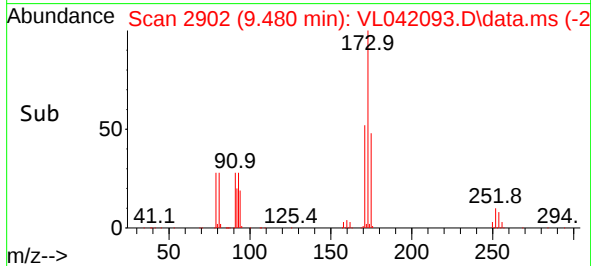
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 212808
Ion Ratio Lower Upper
173 100
175 47.7 38.3 57.5
171 52.4 40.2 60.2

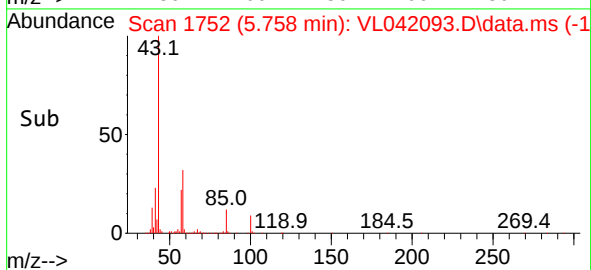
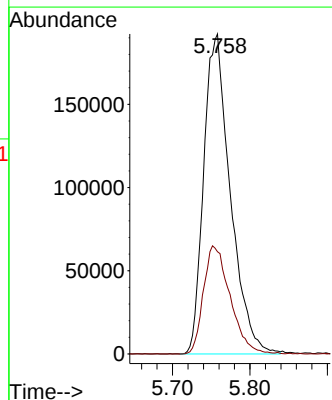
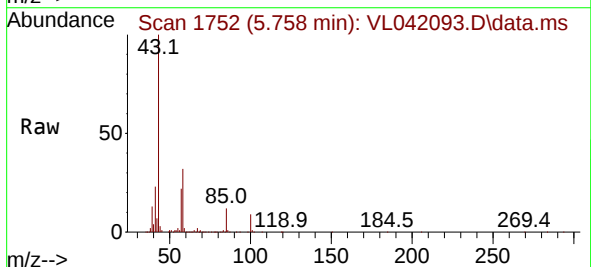
Manual Integrations
APPROVED

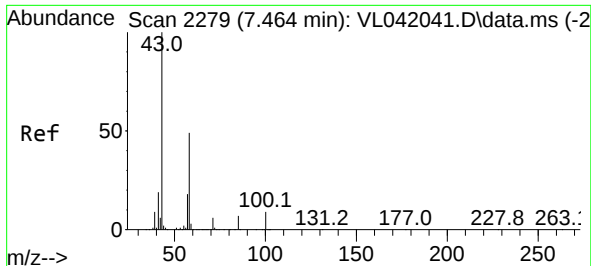
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#50
4-Methyl-2-Pentanone
Concen: 11.916 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. -0.029 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion: 43 Resp: 458033
Ion Ratio Lower Upper
43 100
58 34.0 29.3 43.9





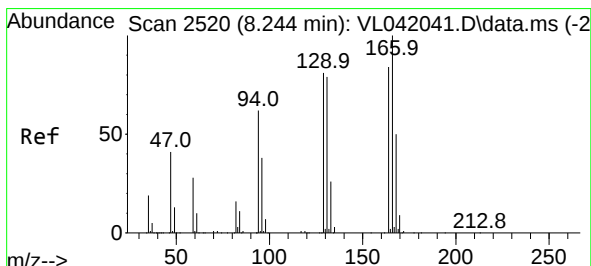
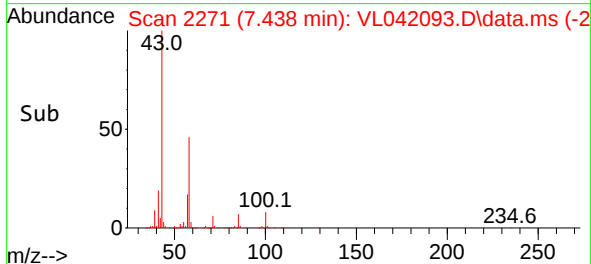
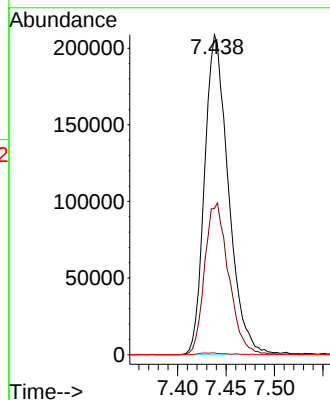
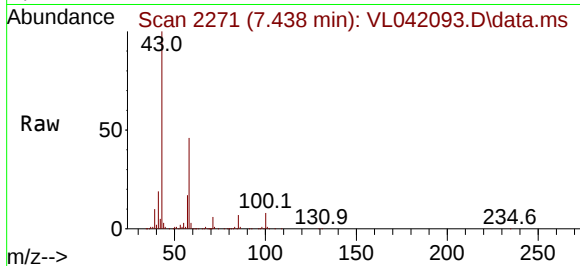
#51
2-Hexanone
Concen: 13.549 ppbv
RT: 7.438 min Scan# 2114
Delta R.T. -0.026 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 358430
Ion Ratio Lower Upper
43 100
58 47.9 39.0 58.6
98 0.7 0.1 0.1

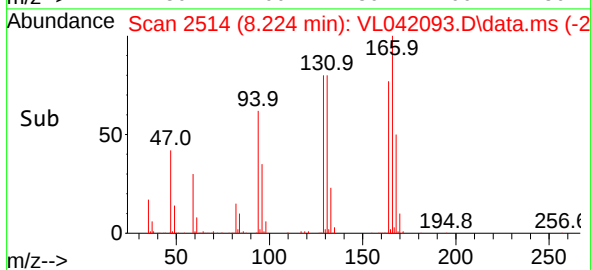
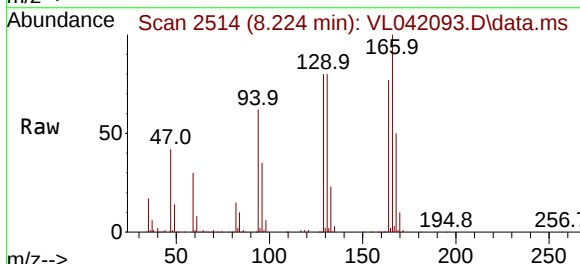
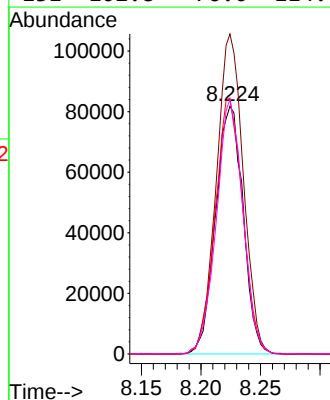
Manual Integrations
APPROVED

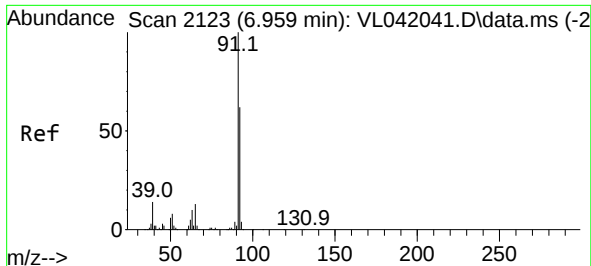
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#52
Tetrachloroethene
Concen: 9.599 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.020 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion:164 Resp: 131232
Ion Ratio Lower Upper
164 100
166 129.2 95.7 143.5
129 103.3 77.1 115.7
131 102.8 76.0 114.0





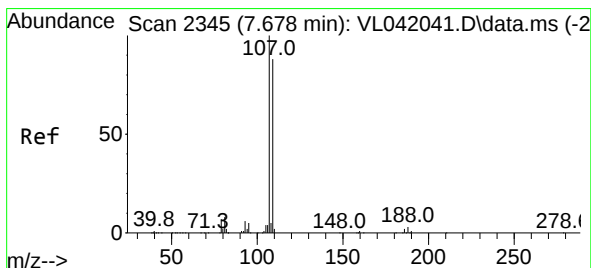
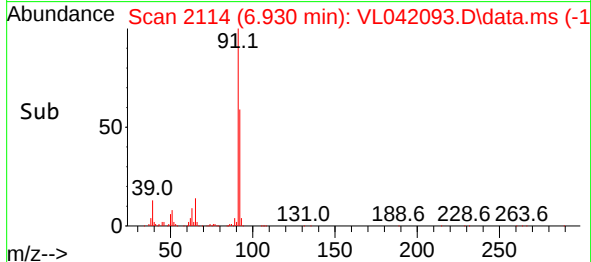
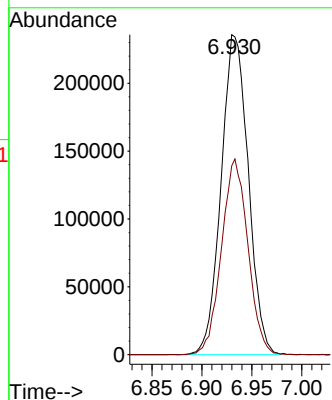
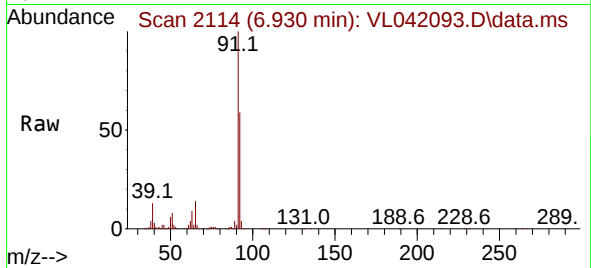
#53
Toluene
Concen: 9.985 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.029 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 44565
Ion Ratio Lower Upper
91 100
92 59.6 49.0 73.6

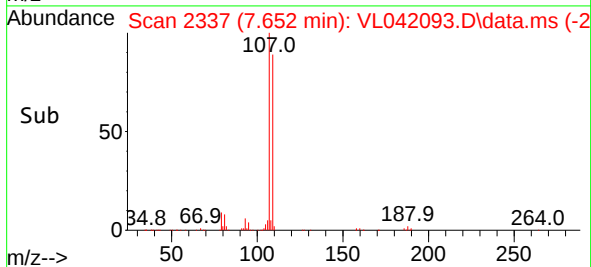
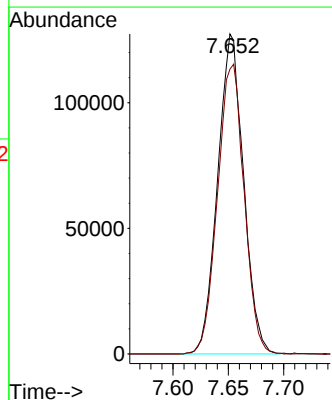
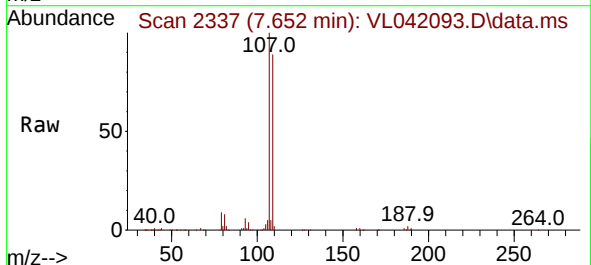
Manual Integrations
APPROVED

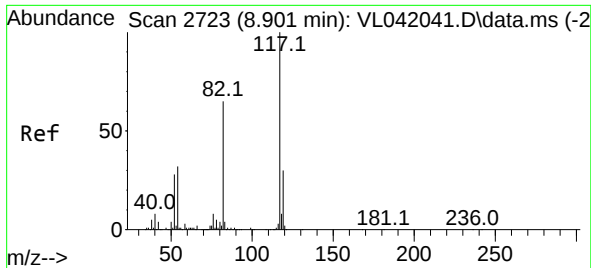
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#54
1,2-Dibromoethane
Concen: 9.956 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.026 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

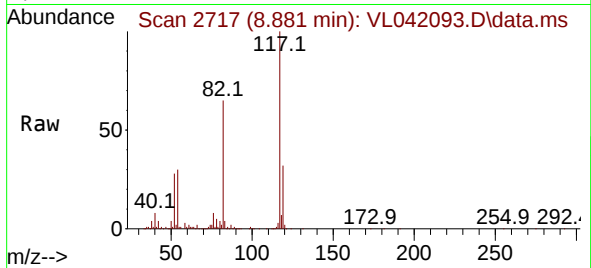
Tgt Ion:107 Resp: 207142
Ion Ratio Lower Upper
107 100
109 89.0 70.2 105.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. -0.020 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

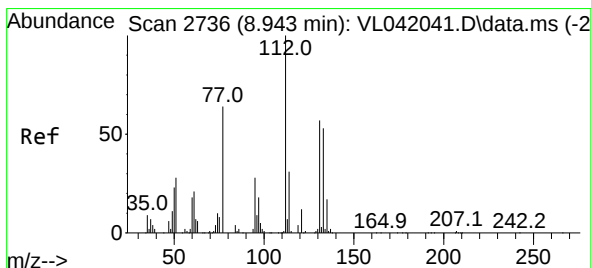
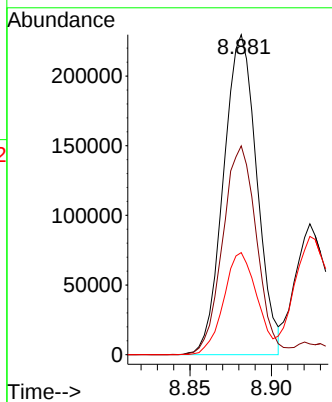
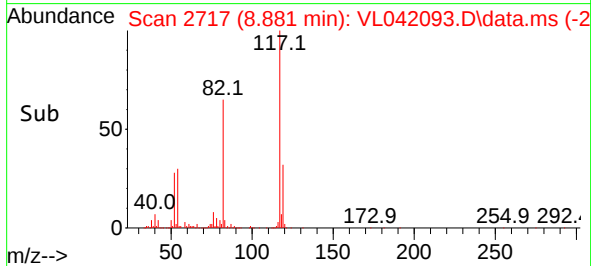
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



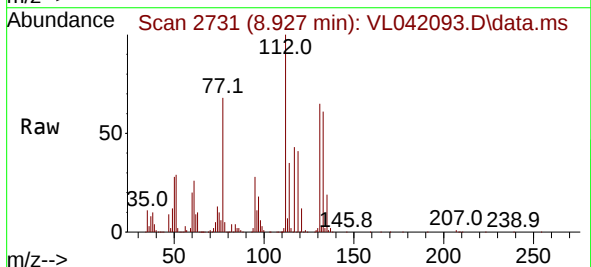
Tgt Ion:117 Resp: 326649
Ion Ratio Lower Upper
117 100
82 70.1 55.0 82.6
119 32.5 25.9 38.9

Manual Integrations
APPROVED

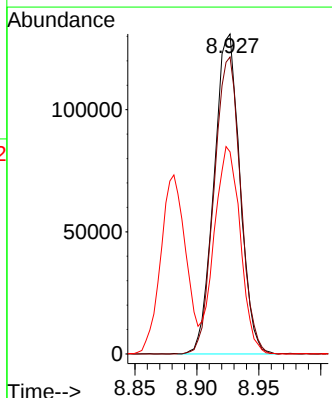
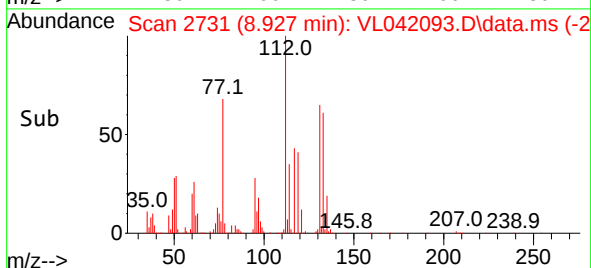
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

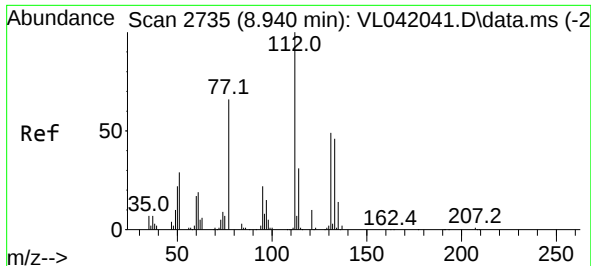


#56
1,1,1,2-Tetrachloroethane
Concen: 10.319 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04



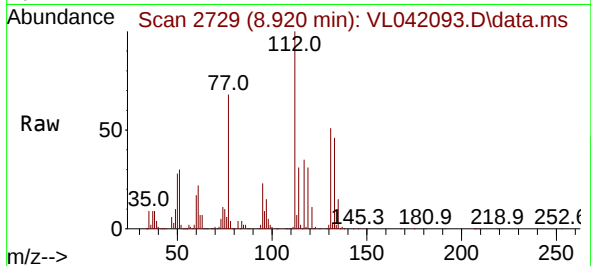
Tgt Ion:131 Resp: 190510
Ion Ratio Lower Upper
131 100
133 94.9 75.8 113.8
119 65.6 52.1 78.1





#57
Chlorobenzene
Concen: 10.288 ppbv
RT: 8.920 min Scan# 21
Delta R.T. -0.020 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

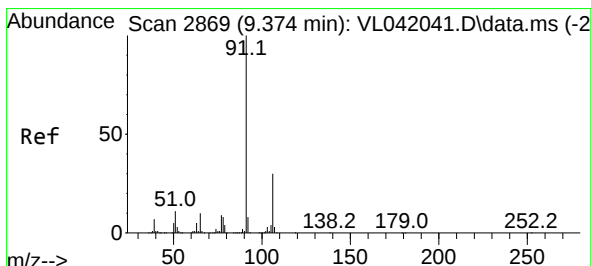
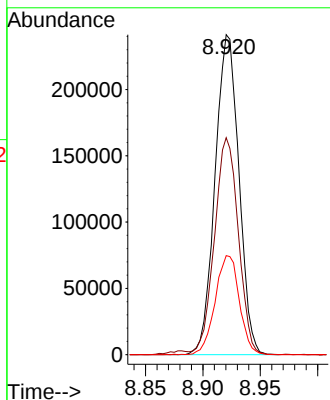
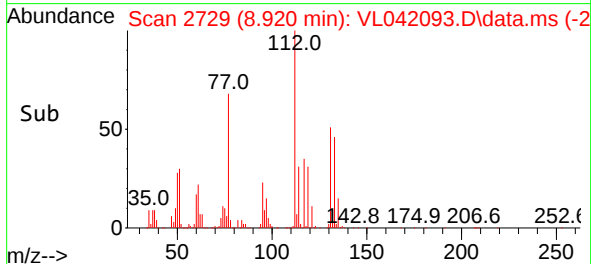
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 348410
Ion Ratio Lower Upper
112 100
77 67.7 53.4 80.2
114 31.0 28.3 34.5

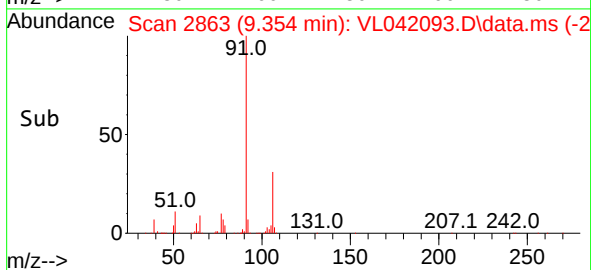
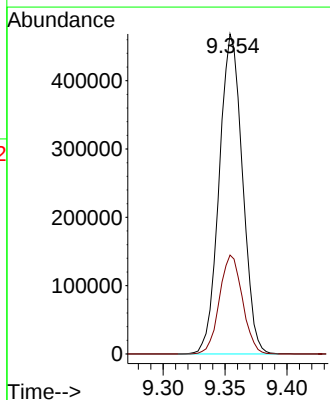
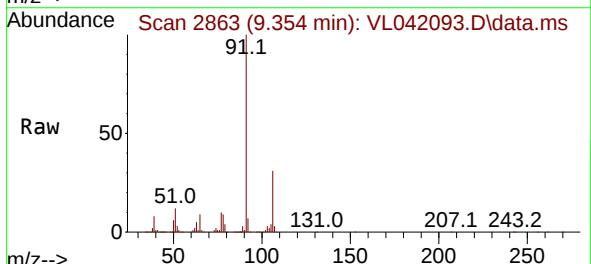
Manual Integrations
APPROVED

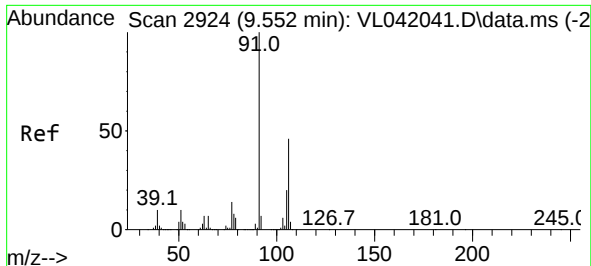
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#58
Ethyl Benzene
Concen: 10.189 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.020 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

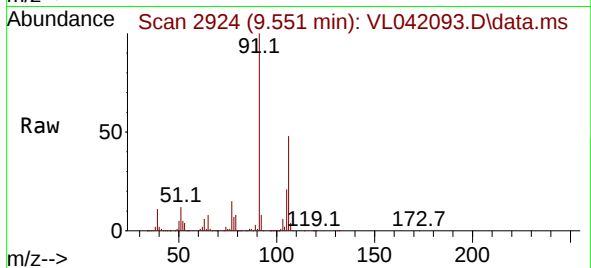
Tgt Ion: 91 Resp: 612914
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.2





#59
m/p-Xylene
Concen: 20.926 ppbv m
RT: 9.551 min Scan# 2924
Delta R.T. -0.000 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

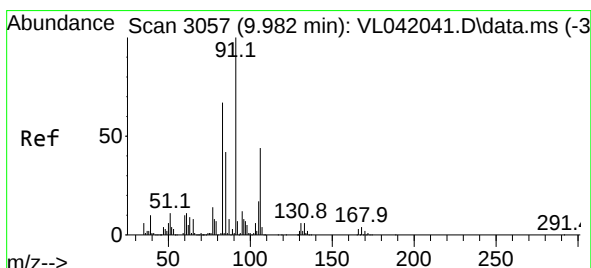
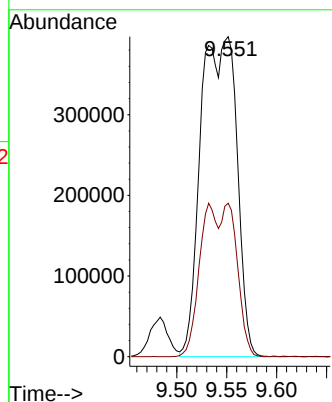
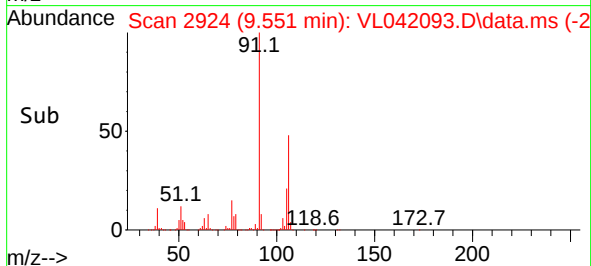
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



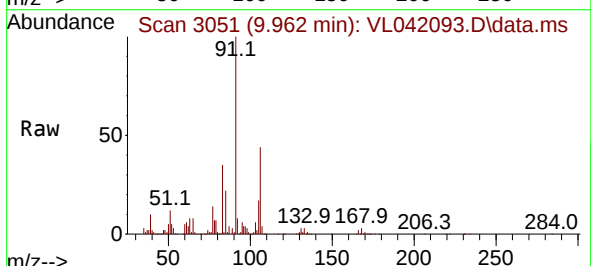
Tgt Ion: 91 Resp: 100178
Ion Ratio Lower Upper
91 100
106 46.8 0.0 0.0

Manual Integrations
APPROVED

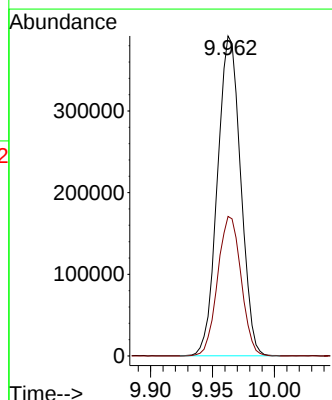
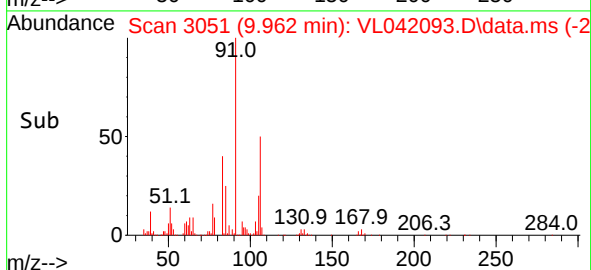
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

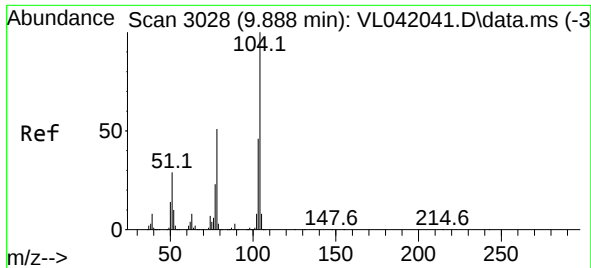


#60
o-Xylene
Concen: 10.619 ppbv
RT: 9.962 min Scan# 3051
Delta R.T. -0.020 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04



Tgt Ion: 91 Resp: 511051
Ion Ratio Lower Upper
91 100
106 44.2 22.3 66.8





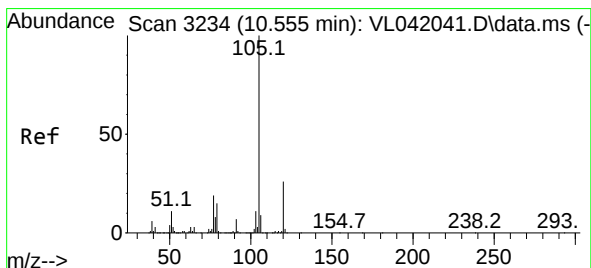
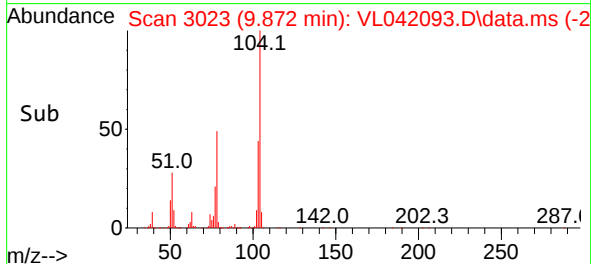
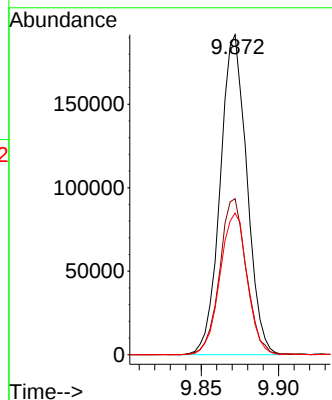
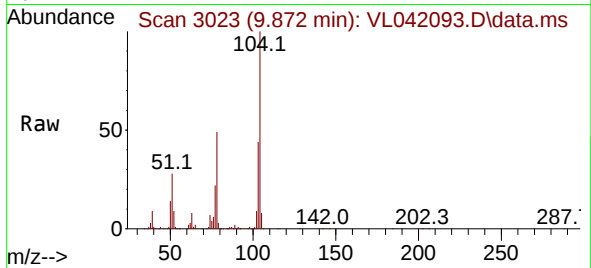
#61
Styrene
Concen: 10.130 ppbv
RT: 9.872 min Scan# 3028
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 229194
Ion Ratio Lower Upper
104 100
78 49.0 41.0 61.4
103 45.3 37.0 55.6

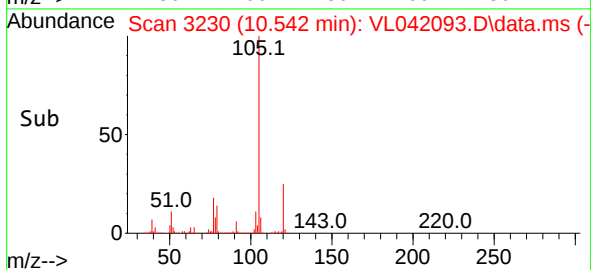
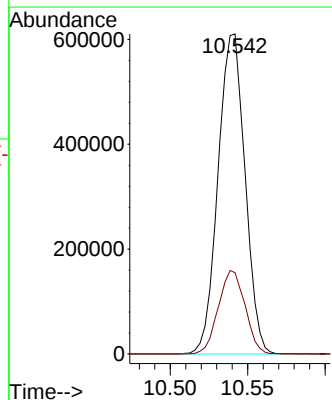
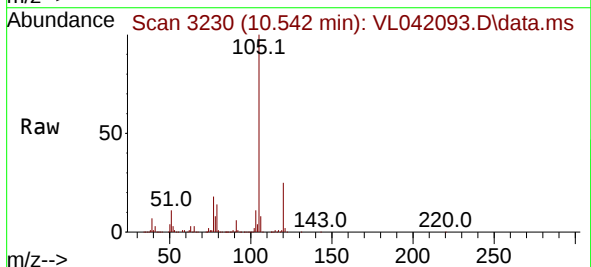
Manual Integrations
APPROVED

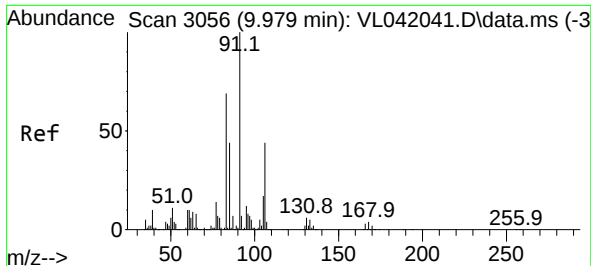
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#62
Isopropylbenzene
Concen: 10.260 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion:105 Resp: 739509
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1





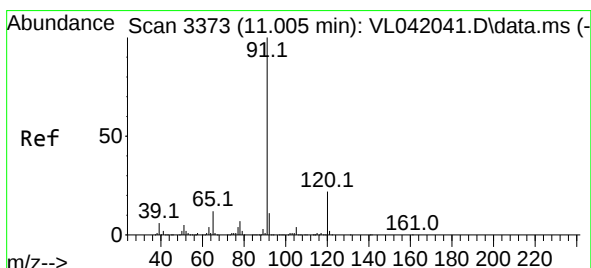
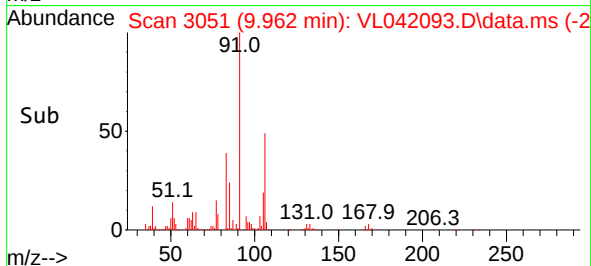
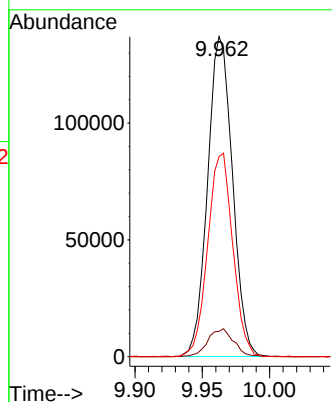
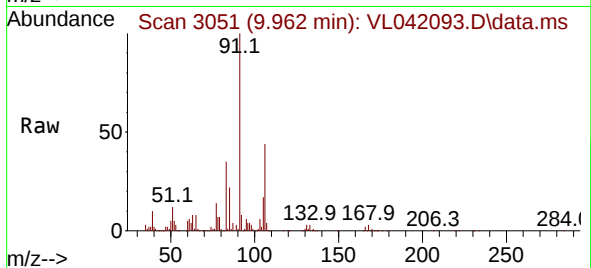
#63
1,1,2,2-Tetrachloroethane
Concen: 5.565 ppbv
RT: 9.962 min Scan# 3056
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 176370
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 64.0 32.1 96.3

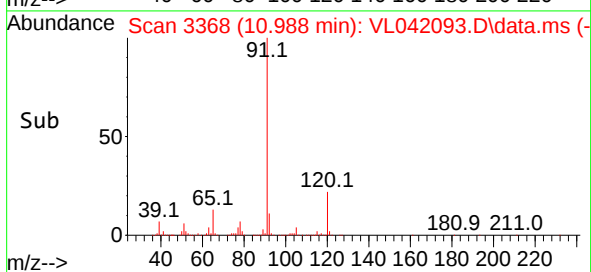
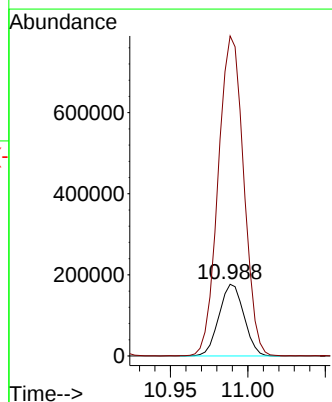
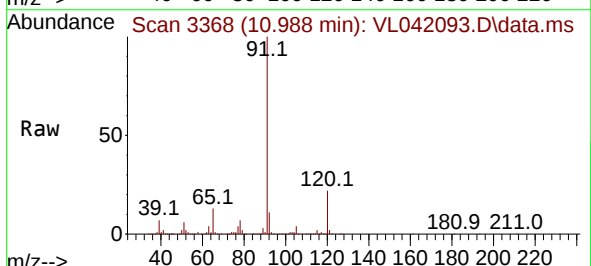
Manual Integrations
APPROVED

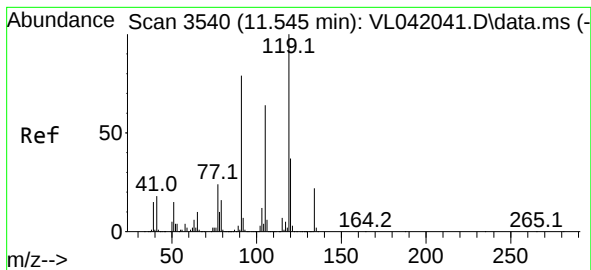
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#64
n-propylbenzene
Concen: 10.458 ppbv
RT: 10.988 min Scan# 3368
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

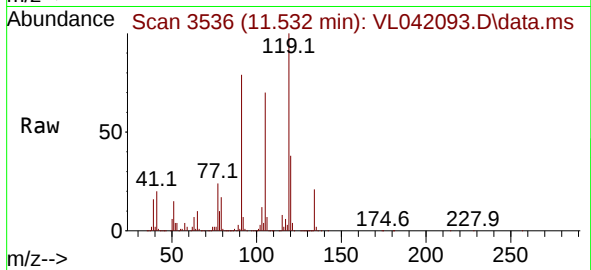
Tgt Ion:120 Resp: 197711
Ion Ratio Lower Upper
120 100
91 457.8 370.6 556.0





#65
tert-Butylbenzene
Concen: 9.969 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

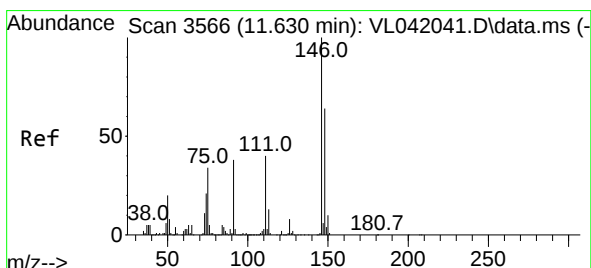
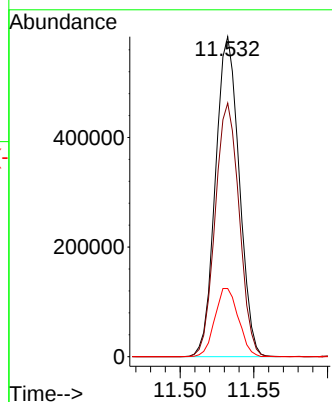
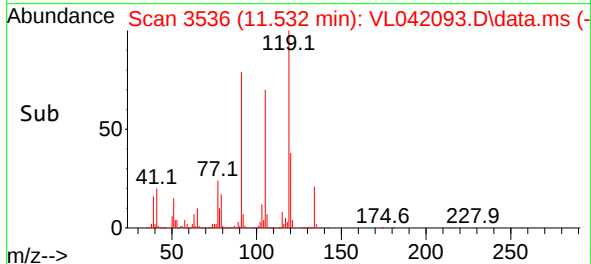
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 65394
Ion Ratio Lower Upper
119 100
91 79.9 64.2 96.2
134 21.2 17.4 26.2

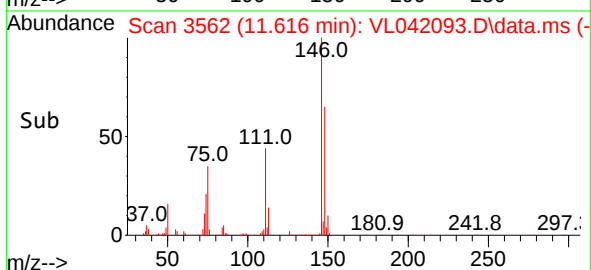
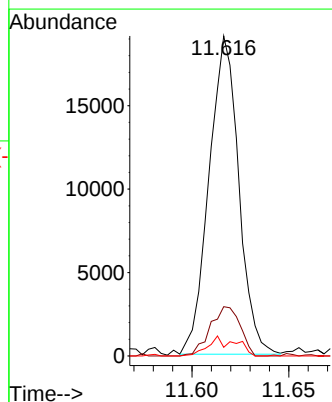
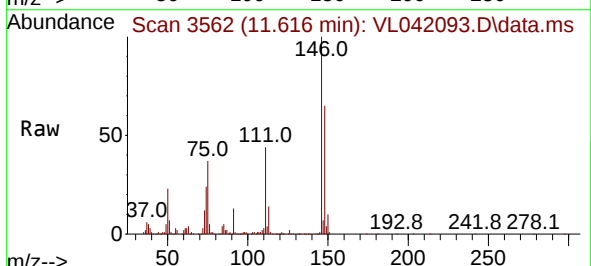
Manual Integrations
APPROVED

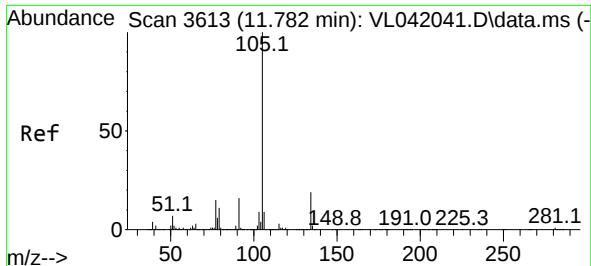
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#66
Benzyl Chloride
Concen: 4.073 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

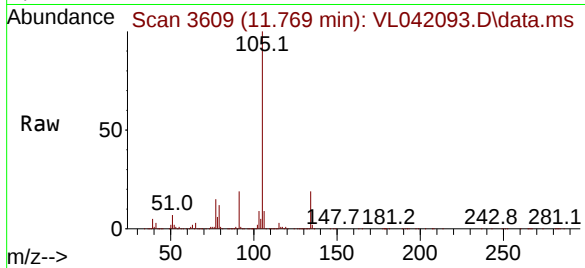
Tgt Ion: 91 Resp: 20385
Ion Ratio Lower Upper
91 100
126 15.9 14.5 21.7
128 5.9 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 9.874 ppbv
 RT: 11.769 min Scan# 3179
 Delta R.T. -0.013 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

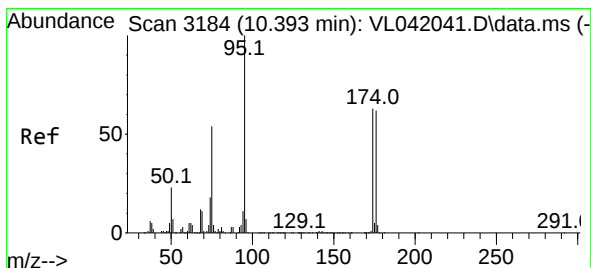
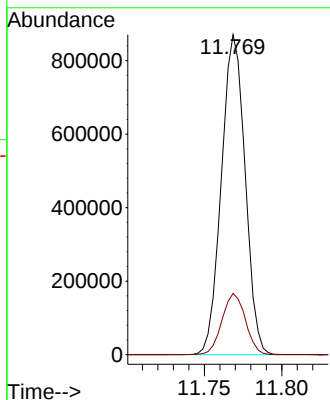
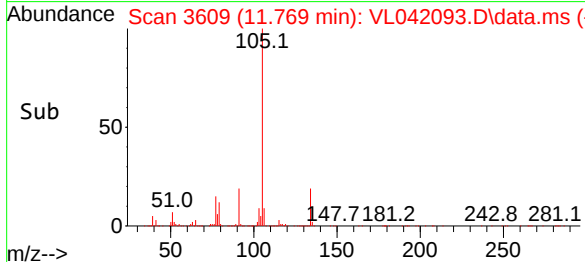
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



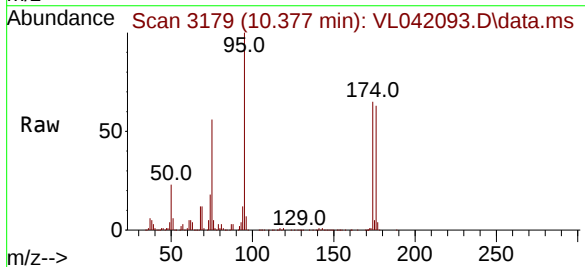
Tgt Ion:105 Resp: 926280
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3

Manual Integrations
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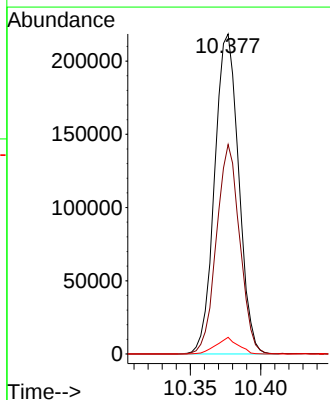
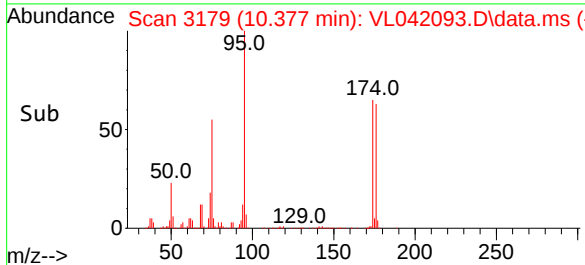
Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

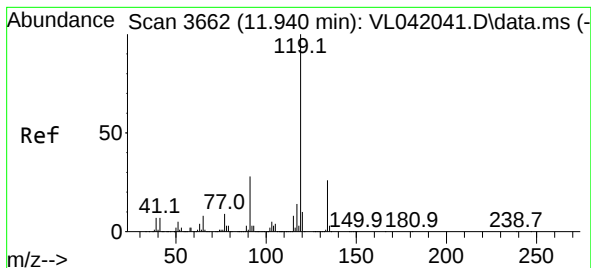


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.327 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.016 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04



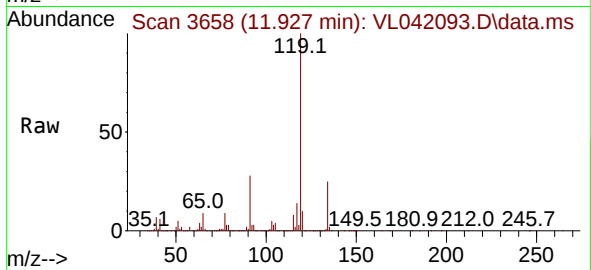
Tgt Ion: 95 Resp: 259522
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.8 77.6
 175 4.7 3.9 5.9





#69
p-Isopropyltoluene
Concen: 10.090 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

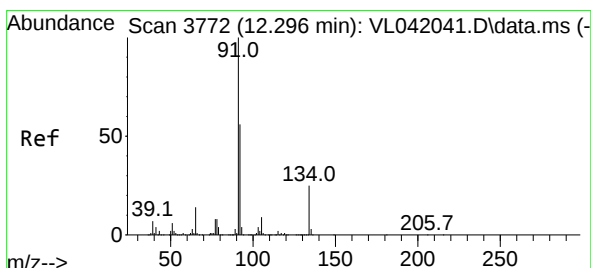
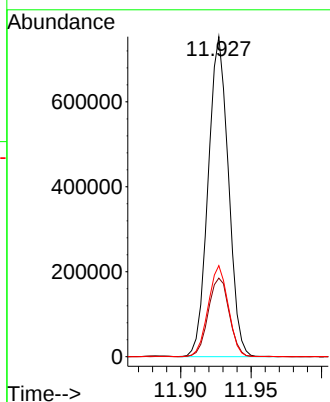
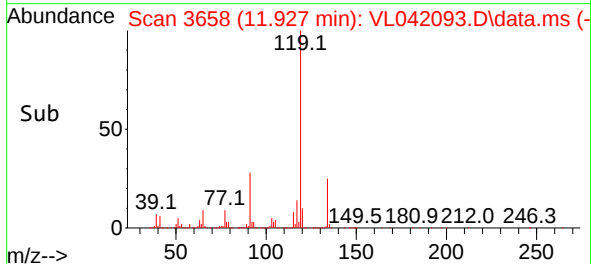
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



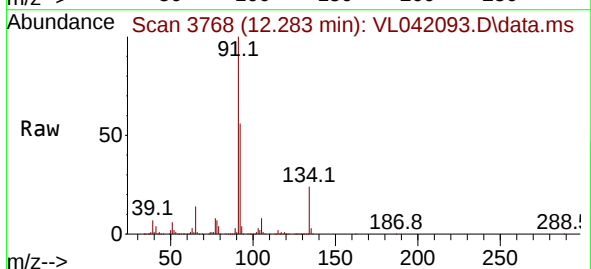
Tgt Ion: 119 Resp: 75311
Ion Ratio Lower Upper
119 100
134 25.7 20.9 31.3
91 28.3 23.1 34.7

Manual Integrations
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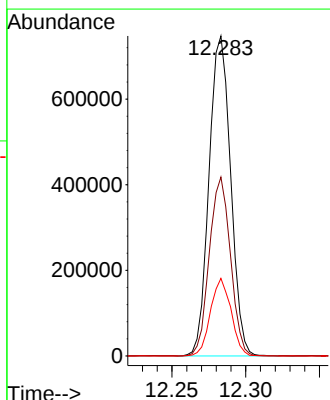
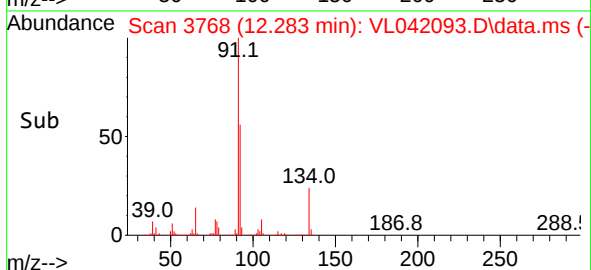
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

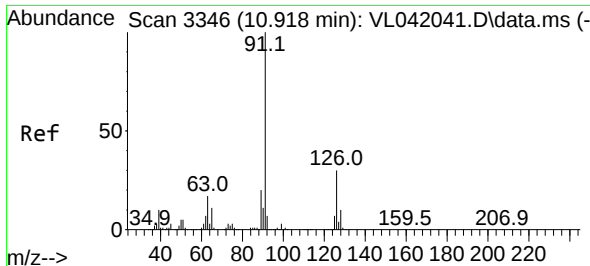


#70
n-Butylbenzene
Concen: 9.986 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04



Tgt Ion: 91 Resp: 760771
Ion Ratio Lower Upper
91 100
92 54.8 44.7 67.1
134 23.1 18.9 28.3





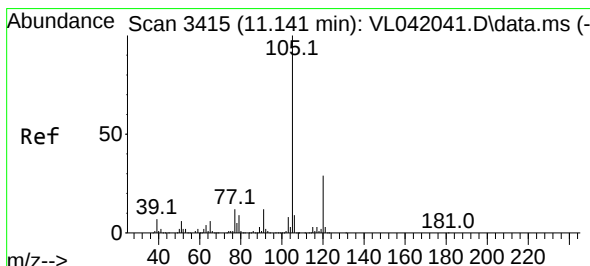
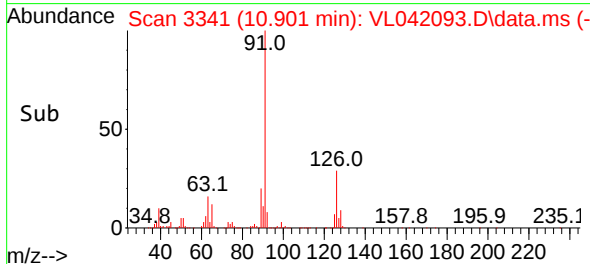
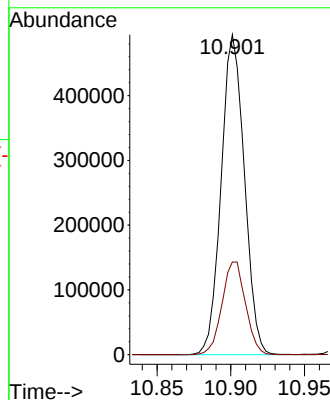
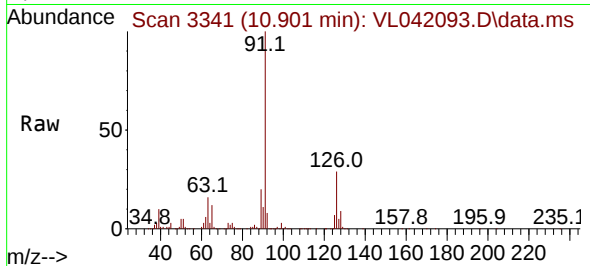
#71
2-Chlorotoluene
Concen: 9.734 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 540838
Ion Ratio Lower Upper
91 100
126 29.4 11.9 47.5

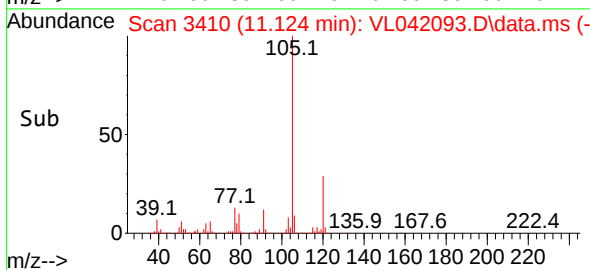
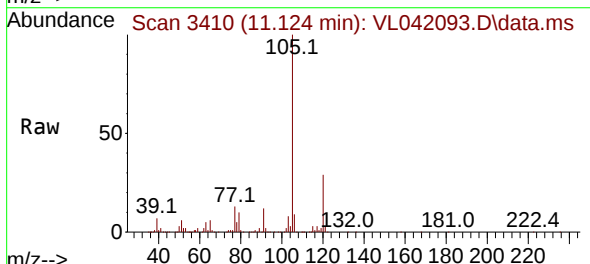
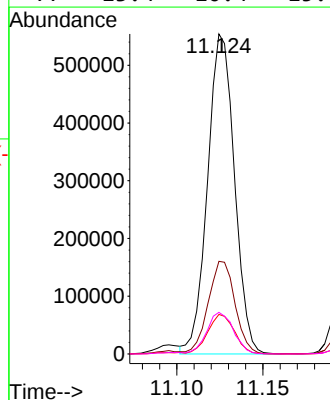
Manual Integrations
APPROVED

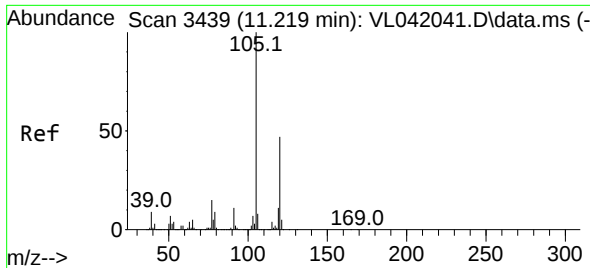
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#72
4-Ethyltoluene
Concen: 10.257 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

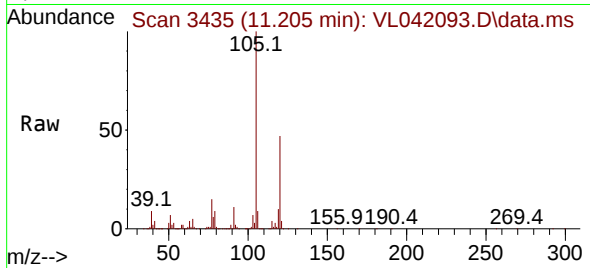
Tgt Ion:105 Resp: 602704
Ion Ratio Lower Upper
105 100
120 29.8 24.1 36.1
91 12.7 10.2 15.4
77 13.4 10.4 15.6





#73
1,3,5-Trimethylbenzene
Concen: 10.069 ppbv
RT: 11.205 min Scan# 3439
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

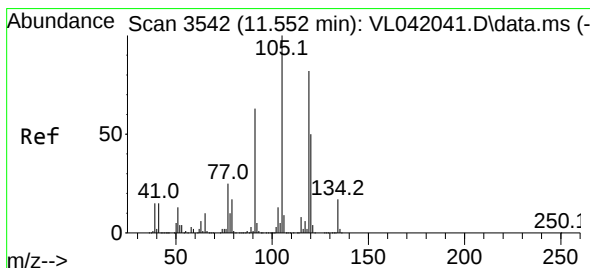
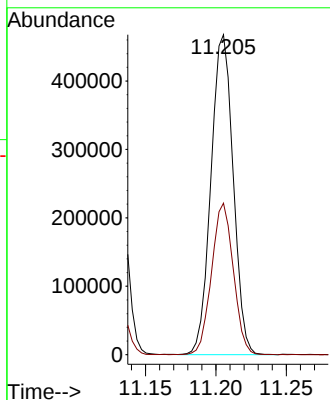
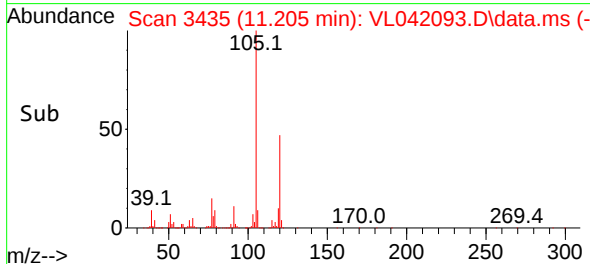
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



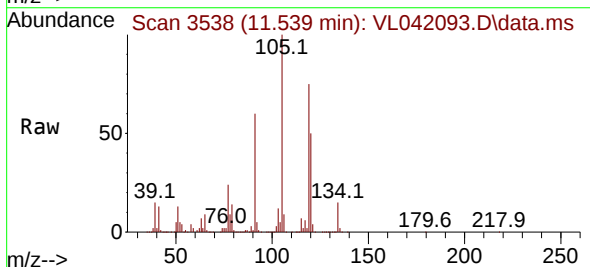
Tgt Ion:105 Resp: 513248
Ion Ratio Lower Upper
105 100
120 47.3 37.4 56.0

Manual Integrations
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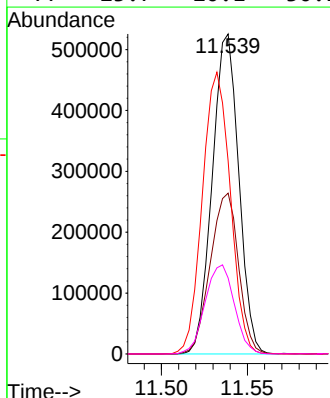
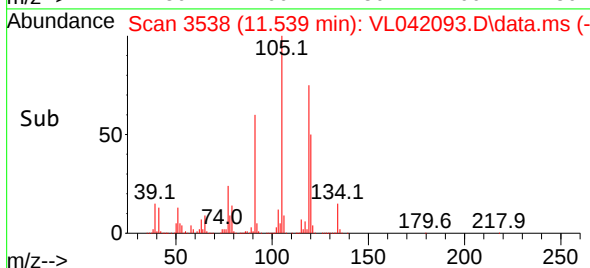
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025

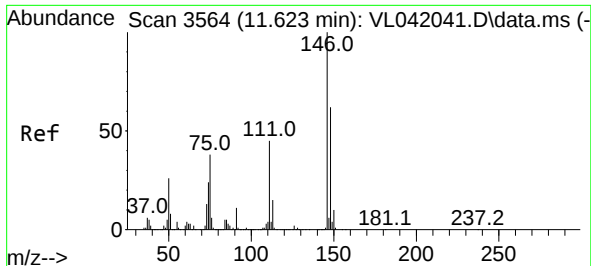


#74
1,2,4-Trimethylbenzene
Concen: 9.814 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04



Tgt Ion:105 Resp: 563282
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.2
91 60.2 51.4 77.2
77 23.7 20.1 30.1





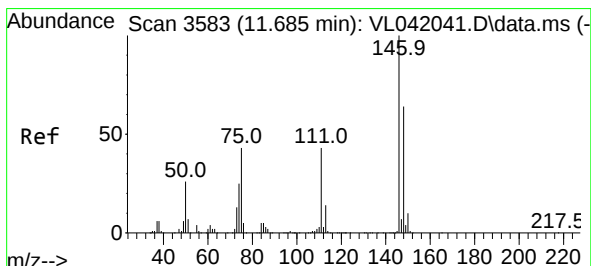
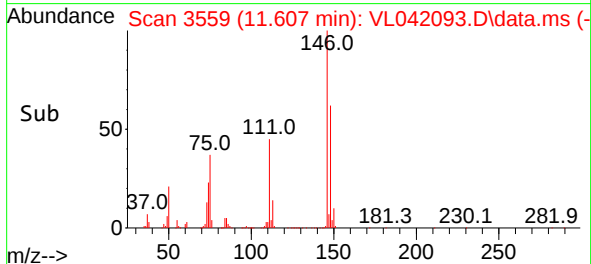
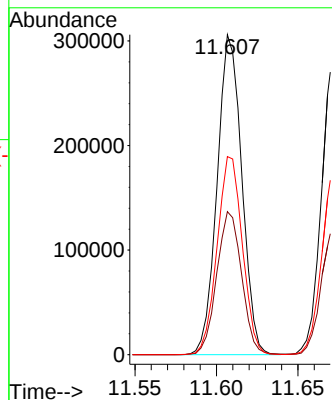
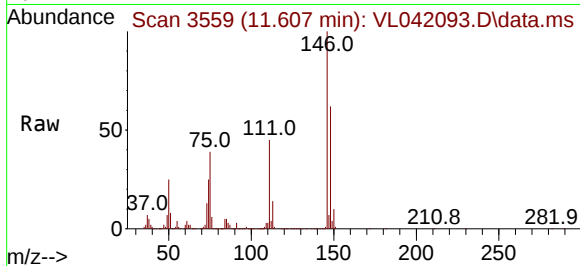
#75
1,3-Dichlorobenzene
Concen: 9.732 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.016 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 321480
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.2
148 63.4 32.3 96.8

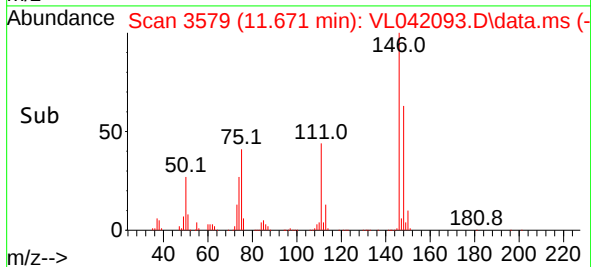
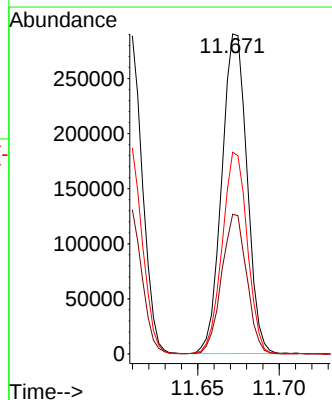
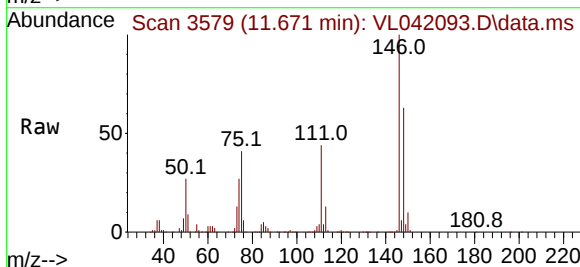
Manual Integrations
APPROVED

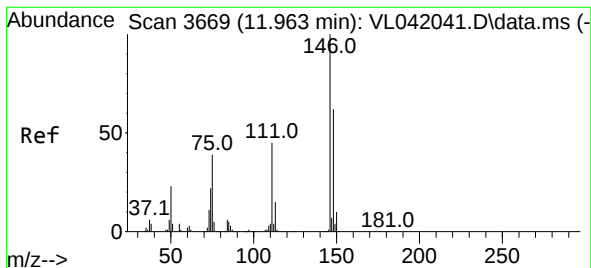
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#76
1,4-Dichlorobenzene
Concen: 9.521 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.013 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

Tgt Ion:146 Resp: 312269
Ion Ratio Lower Upper
146 100
111 43.5 21.5 64.5
148 63.1 31.6 95.0





#77

1,2-Dichlorobenzene

Concen: 9.773 ppbv

RT: 11.950 min Scan# 3126

Delta R.T. -0.013 min

Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 31326

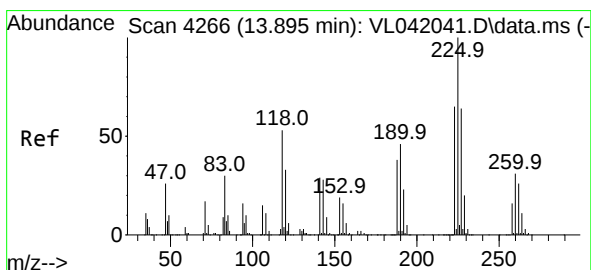
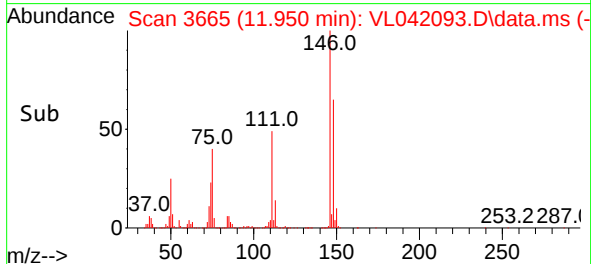
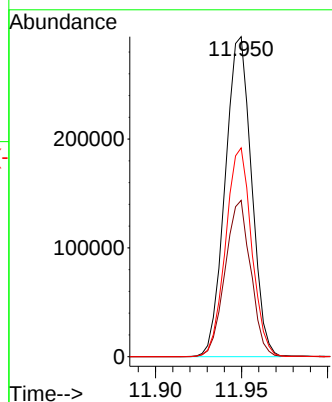
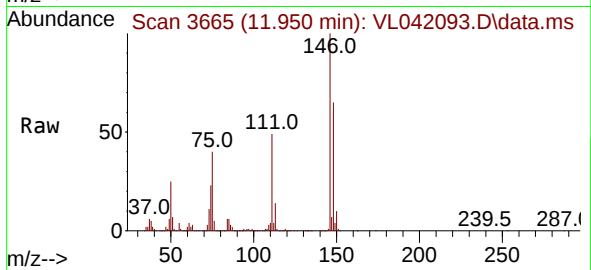
Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.2	69.6
148	64.6	31.4	94.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2025

Supervised By :Mahesh Dadoda 03/05/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.714 ppbv

RT: 13.882 min Scan# 4262

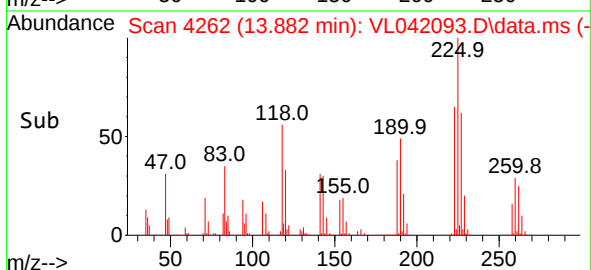
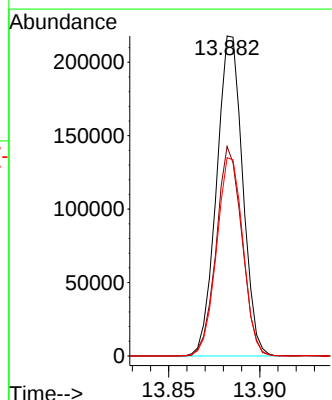
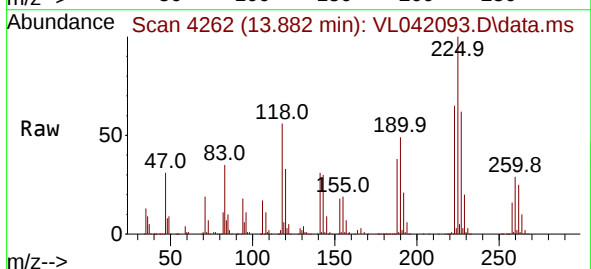
Delta R.T. -0.013 min

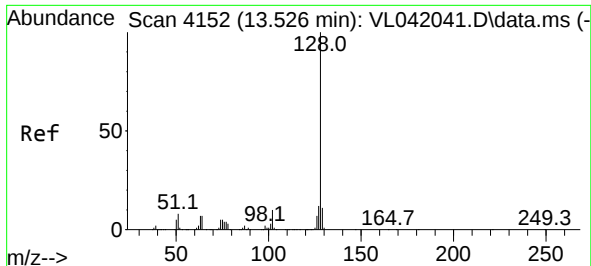
Lab File: VL042093.D

Acq: 04 Mar 2025 09:04

Tgt Ion:225 Resp: 217361

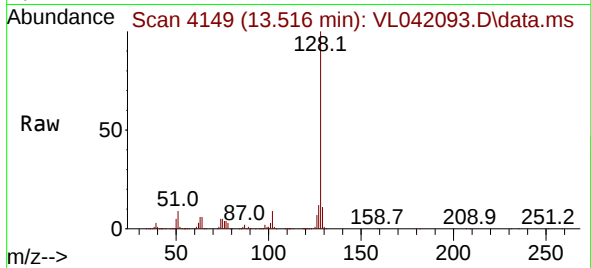
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	62.6	50.8	76.2





#79
Naphthalene
Concen: 10.726 ppbv
RT: 13.516 min Scan# 4152
Delta R.T. -0.010 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

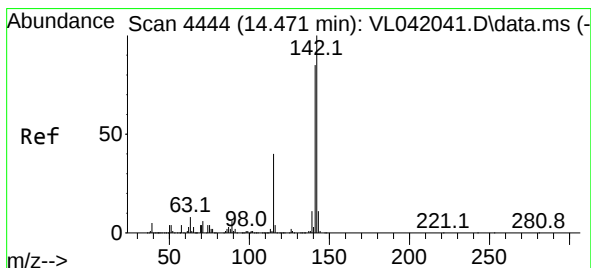
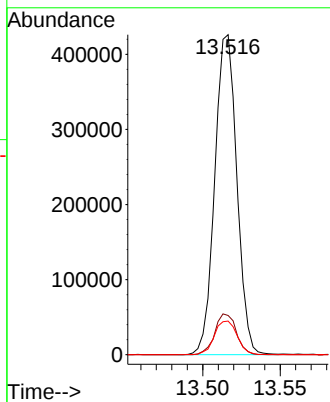
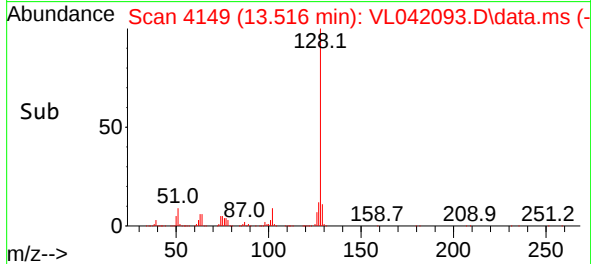
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 422138
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 10.5 8.6 12.8

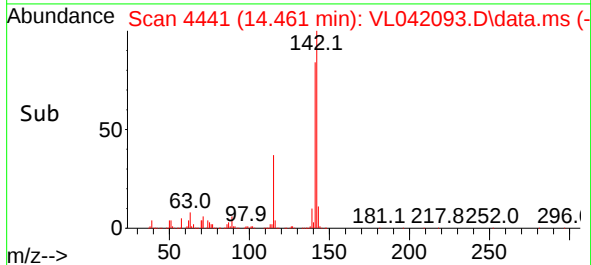
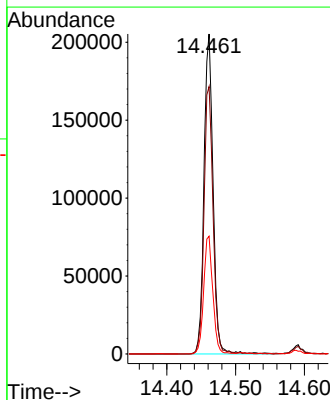
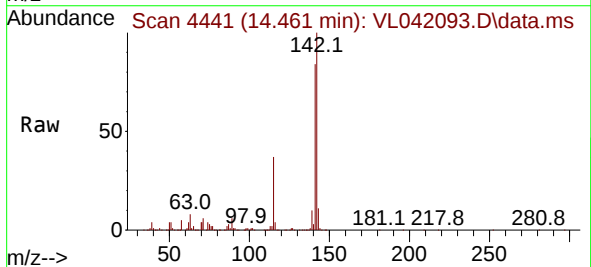
Manual Integrations
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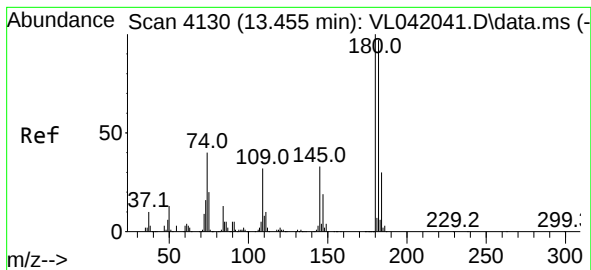
Reviewed By :Semsettin Yesilyurt 03/04/2025
Supervised By :Mahesh Dadoda 03/05/2025



#80
Naphthalene,2-methyl-
Concen: 17.408 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.010 min
Lab File: VL042093.D
Acq: 04 Mar 2025 09:04

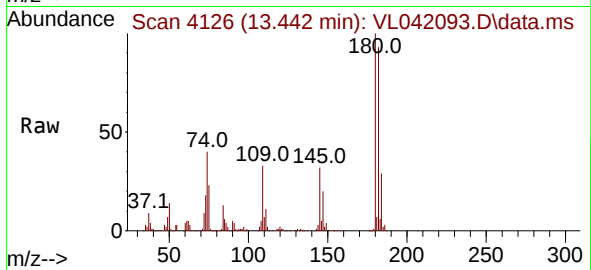
Tgt Ion:142 Resp: 187485
Ion Ratio Lower Upper
142 100
141 84.2 65.8 98.6
115 37.8 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.153 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL042093.D
 Acq: 04 Mar 2025 09:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 200738
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.1 112.7
 184 30.0 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

