

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041859.D
 Acq On : 09 Jan 2025 11:19
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 09 11:50:04 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Wed Jan 08 03:26:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	150033	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.985	114	442867	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	410499	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.396 95 328846 9.353 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	226313	9.193	ppbv	99
3) Chlorodifluoromethane	1.483	51	247276	10.513	ppbv	98
4) Chloromethane	1.541	50	85664	8.462	ppbv	95
5) Vinyl Chloride	1.586	62	86352	8.457	ppbv	98
6) Bromomethane	1.677	94	39829	9.107	ppbv	96
7) Chloroethane	1.713	64	34351	8.740	ppbv	94
8) Dichlorotetrafluoroethane	1.560	85	195898	9.224	ppbv	93
9) Propene	1.489	41	112124	13.692	ppbv	98
10) Heptane	5.014	43	303272	14.992	ppbv	95
11) Trichlorofluoromethane	1.887	101	222752	8.899	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.153	101	181116	9.715	ppbv	90
13) Ethanol	1.729	45	5261m	5.647	ppbv	
14) Bromoethene	1.790	108	65566	10.743	ppbv	96
15) Acetone	1.845	43	183039	6.626	ppbv	94
16) 1,3-Butadiene	1.615	39	86059	7.945	ppbv	94
17) tert-Butyl alcohol	2.052	59	256303	10.708	ppbv	99
18) 1,1-Dichloroethene	2.046	96	81423	10.432	ppbv	89
19) Isopropyl Alcohol	1.897	45	110578	8.528	ppbv #	1
20) Methylene Chloride	2.072	84	71501	9.055	ppbv #	81
21) Allyl Chloride	2.107	41	141576	9.950	ppbv	90
22) trans-1,2-Dichloroethene	2.353	96	92062	10.553	ppbv	93
23) Vinyl Acetate	2.480	43	121914	13.762	ppbv #	92
24) 1,1-Dichloroethane	2.425	63	177291	9.286	ppbv	100
25) Ethyl Acetate	2.855	43	589565	12.728	ppbv	98
26) Hexane	2.845	57	236237	14.695	ppbv	88
27) Carbon Disulfide	2.162	76	226986	14.877	ppbv #	88
28) Methyl tert-Butyl Ether	2.457	73	170565	14.077	ppbv	98
29) Chloroform	2.868	83	328206	10.989	ppbv	97
30) Cyclohexane	3.884	84	204595	16.773	ppbv #	89
31) cis-1,2-Dichloroethene	2.739	61	230732	13.944	ppbv	92
32) 1,1,1-Trichloroethane	3.392	97	328356	12.132	ppbv	94
34) 2-Butanone	2.573	43	333402	9.557	ppbv	95
35) Carbon Tetrachloride	3.787	117	324320	9.690	ppbv	97
36) Benzene	3.680	78	486852	11.507	ppbv #	95
37) 1,2-Dichloroethane	3.240	62	249944	8.987	ppbv	97
38) Trichloroethene	4.577	130	188346	11.357	ppbv	95
39) 1,2-Dichloropropane	4.344	63	171561	10.483	ppbv #	84
40) 1,4-Dioxane	4.616	88	83645	13.190	ppbv #	66
41) Tetrahydrofuran	3.075	42	201204	12.236	ppbv	93
42) Bromodichloromethane	4.522	83	355888	10.910	ppbv	97
43) Methyl Methacrylate	4.914	69	199710	15.032	ppbv	87
44) 2,2,4-Trimethylpentane	4.674	57	809851	11.618	ppbv	93
45) t-1,3-Dichloropropene	6.454	75	212343	16.371	ppbv	97

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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 09 11:50:04 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Wed Jan 08 03:26:12 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.639	75	269395	15.788	ppbv	87
47) 1,1,2-Trichloroethane	6.619	97	176811	10.214	ppbv	97
48) Dibromochloromethane	7.419	129	290737	13.195	ppbv	99
49) Bromoform	9.506	173	257972	14.609	ppbv	99
50) 4-Methyl-2-Pentanone	5.797	43	490478	12.169	ppbv	92
51) 2-Hexanone	7.467	43	402499	13.184	ppbv #	88
52) Tetrachloroethene	8.251	164	168568	13.435	ppbv	96
53) Toluene	6.969	91	574578	15.242	ppbv	99
54) 1,2-Dibromoethane	7.681	107	248821	11.739	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.946	131	224424	9.592	ppbv	99
57) Chlorobenzene	8.946	112	417085	9.725	ppbv	96
58) Ethyl Benzene	9.380	91	782806	13.992	ppbv	99
59) m/p-Xylene	9.558	91	1220366m	24.712	ppbv	
60) o-Xylene	9.985	91	605176	12.598	ppbv	99
61) Styrene	9.895	104	315614	16.935	ppbv	97
62) Isopropylbenzene	10.561	105	915687	12.133	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.985	83	362310	8.601	ppbv	100
64) n-propylbenzene	11.011	120	235202	12.147	ppbv	98
65) tert-Butylbenzene	11.552	119	801987	11.792	ppbv	96
66) Benzyl Chloride	11.636	91	88168	15.512	ppbv	95
67) sec-Butylbenzene	11.788	105	1100240	11.087	ppbv	98
69) p-Isopropyltoluene	11.947	119	952865	12.230	ppbv	97
70) n-Butylbenzene	12.300	91	946867	12.097	ppbv	98
71) 2-Chlorotoluene	10.921	91	700520	12.787	ppbv	100
72) 4-Ethyltoluene	11.144	105	745709	12.837	ppbv	99
73) 1,3,5-Trimethylbenzene	11.225	105	628921	12.361	ppbv	97
74) 1,2,4-Trimethylbenzene	11.558	105	663696	11.261	ppbv	95
75) 1,3-Dichlorobenzene	11.626	146	396672	10.056	ppbv	98
76) 1,4-Dichlorobenzene	11.691	146	396593	10.448	ppbv	97
77) 1,2-Dichlorobenzene	11.966	146	375622	9.138	ppbv	99
78) Hexachloro-1,3-Butadiene	13.902	225	293286	10.050	ppbv	100
79) Naphthalene	13.533	128	648444	14.936	ppbv	99
80) Naphthalene,2-methyl-	14.478	142	313133	19.488	ppbv	97
81) 1,2,4-Trichlorobenzene	13.458	180	313601	13.033	ppbv	100

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

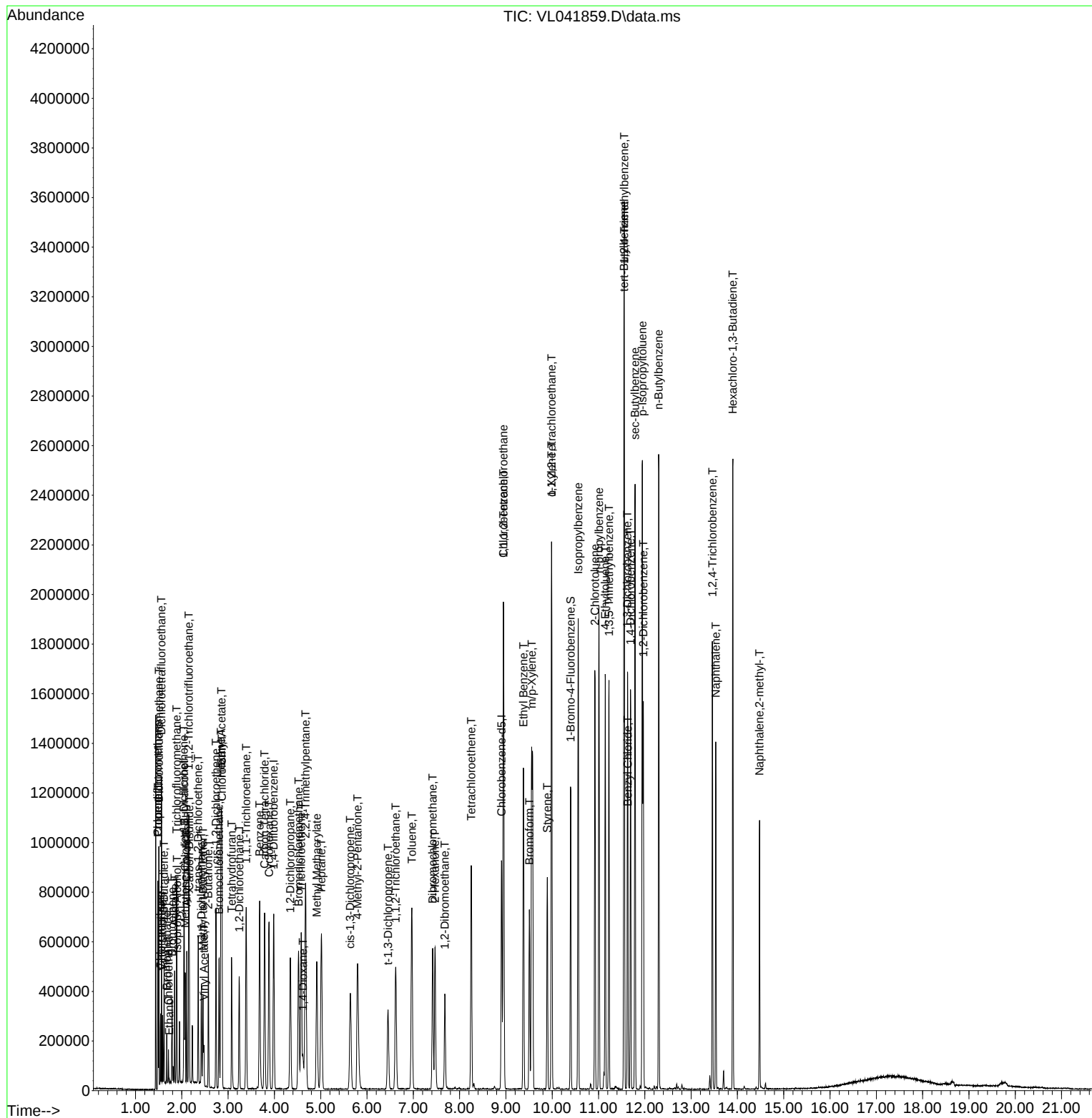
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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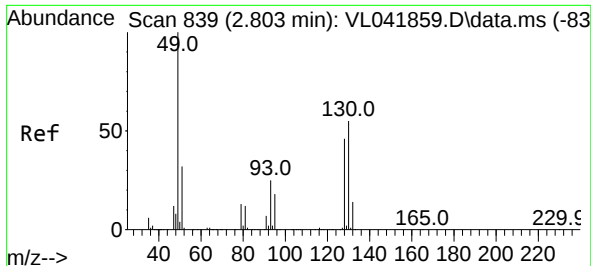
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

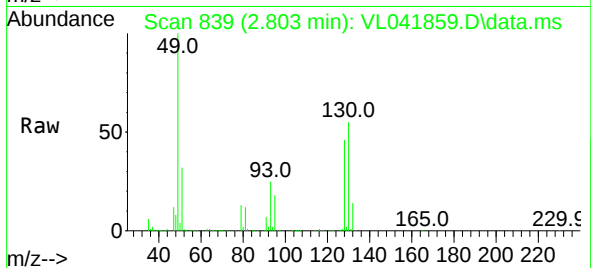
Quant Time: Jan 09 11:50:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 839
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

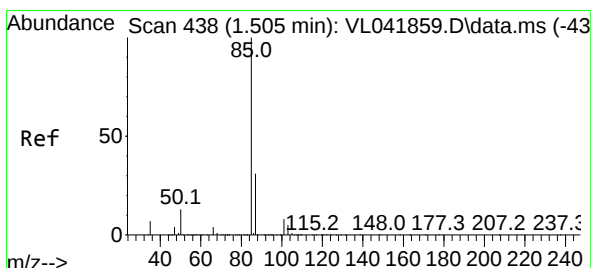
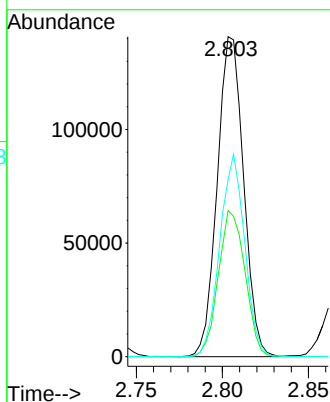
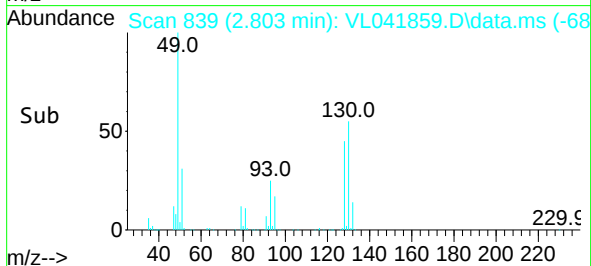
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



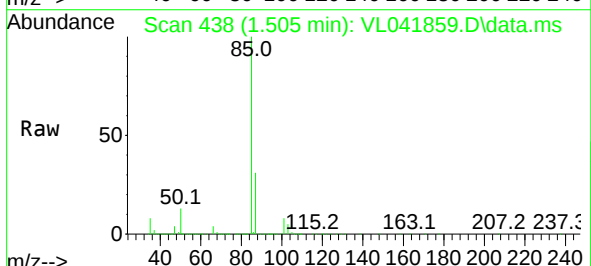
Tgt Ion: 49 Resp: 150031
Ion Ratio Lower Upper
49 100
128 46.3 19.7 59.1
130 59.9 26.4 79.2

Manual Integrations
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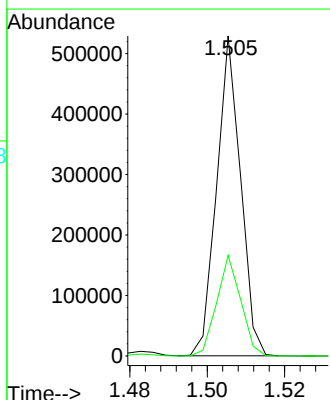
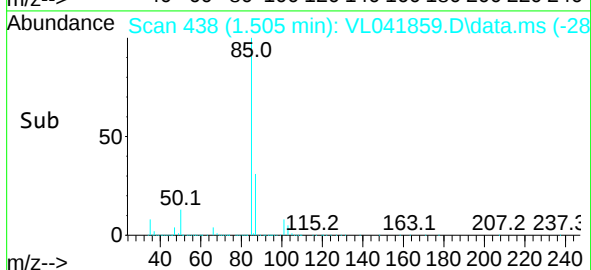
Reviewed By :Mahesh Dadoda 01/10/2025
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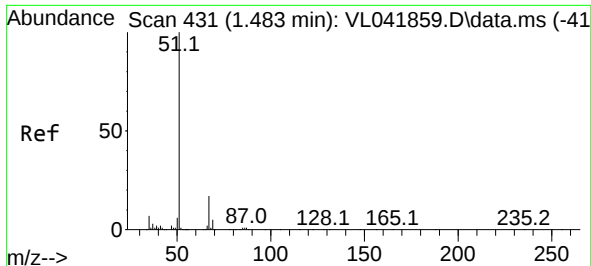


#2
Dichlorodifluoromethane
Concen: 9.193 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



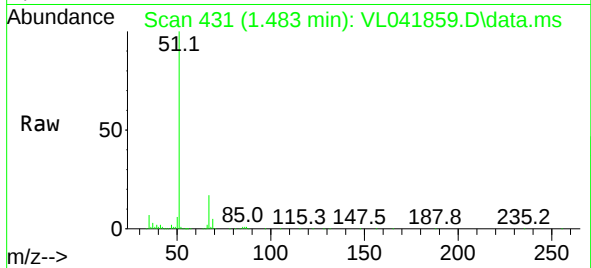
Tgt Ion: 85 Resp: 226313
Ion Ratio Lower Upper
85 100
87 31.5 25.6 38.4





#3
Chlorodifluoromethane
Concen: 10.513 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

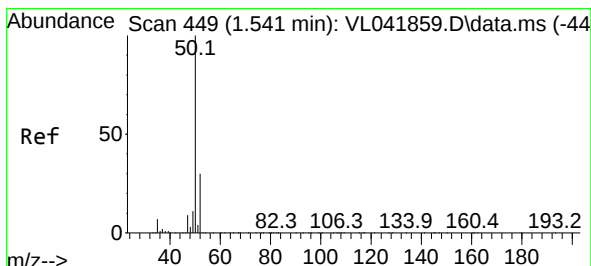
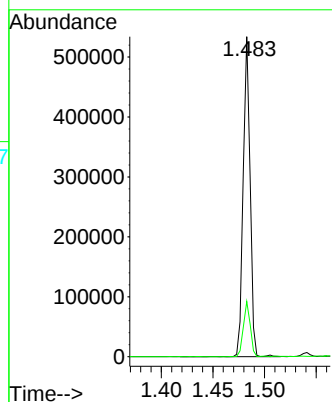
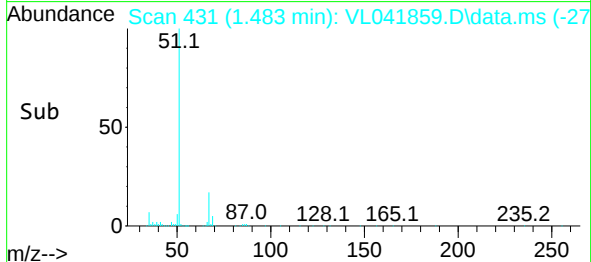
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



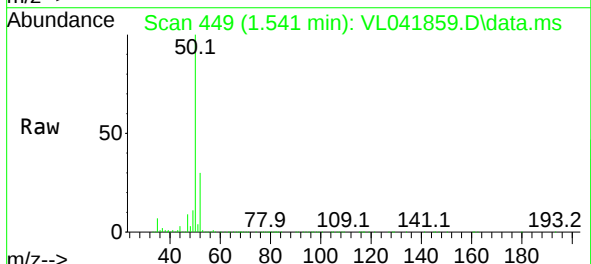
Tgt Ion: 51 Resp: 247270
Ion Ratio Lower Upper
51 100
67 17.3 14.6 22.0

Manual Integrations
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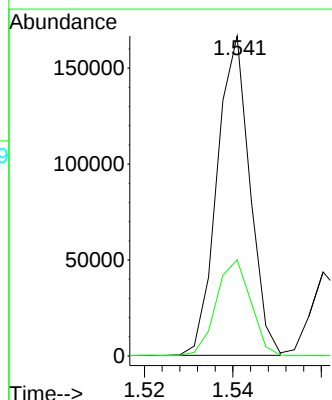
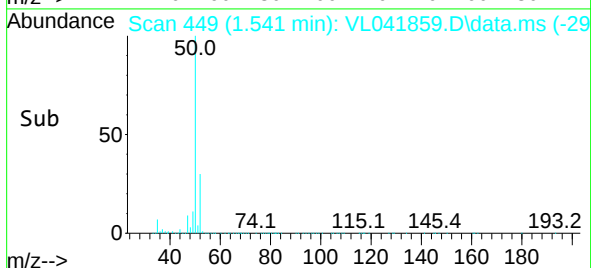
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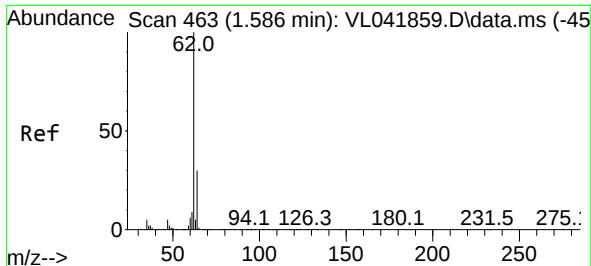


#4
Chloromethane
Concen: 8.462 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



Tgt Ion: 50 Resp: 85664
Ion Ratio Lower Upper
50 100
52 29.9 26.1 39.1





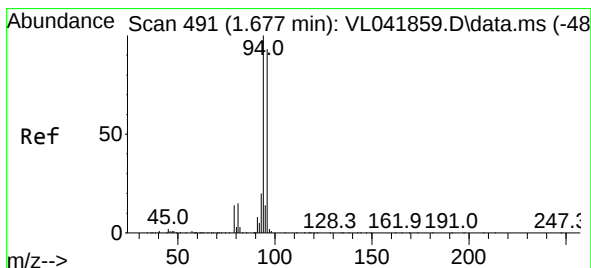
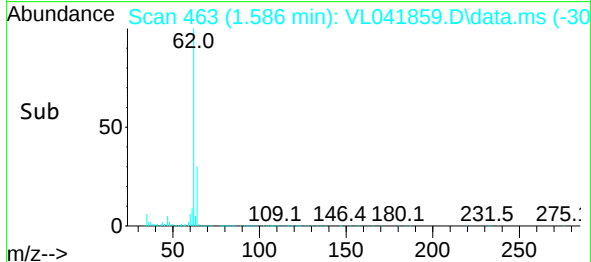
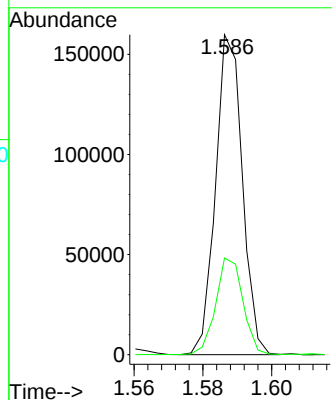
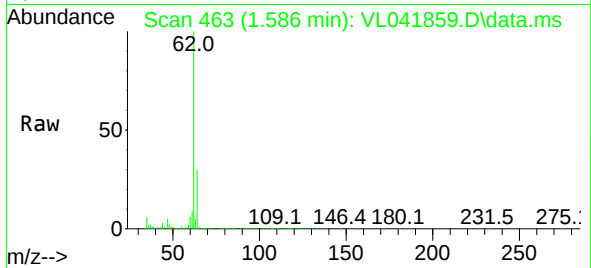
#5
Vinyl Chloride
Concen: 8.457 ppbv
RT: 1.586 min Scan# 463
Delta R.T. 0.000 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 86352
Ion Ratio Lower Upper
62 100
64 30.1 24.9 37.3

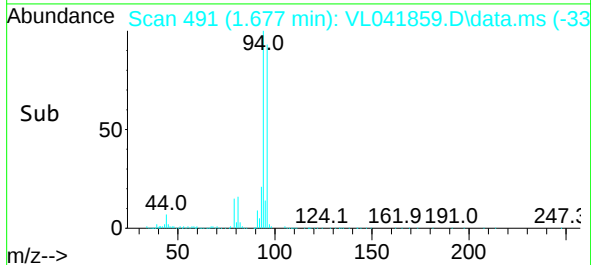
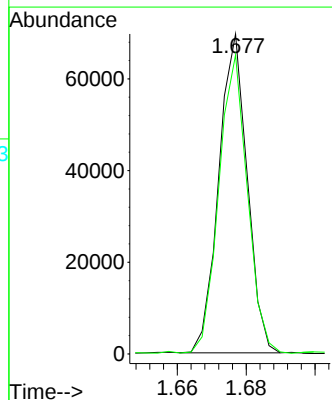
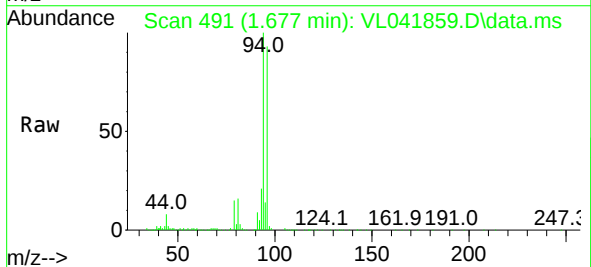
Manual Integrations
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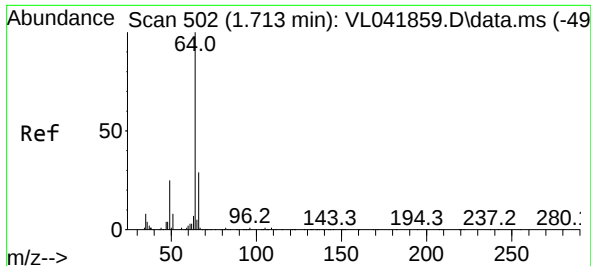
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#6
Bromomethane
Concen: 9.107 ppbv
RT: 1.677 min Scan# 491
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

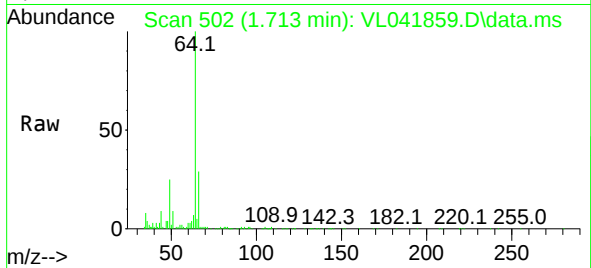
Tgt Ion: 94 Resp: 39829
Ion Ratio Lower Upper
94 100
96 93.5 72.0 108.0





#7
Chloroethane
Concen: 8.740 ppbv
RT: 1.713 min Scan# 502
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

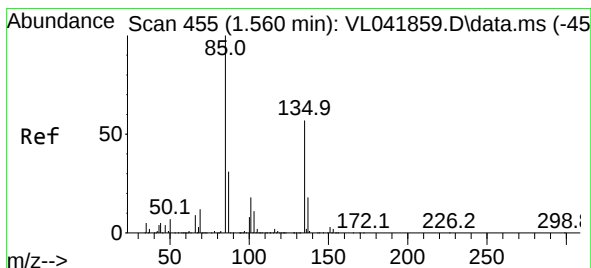
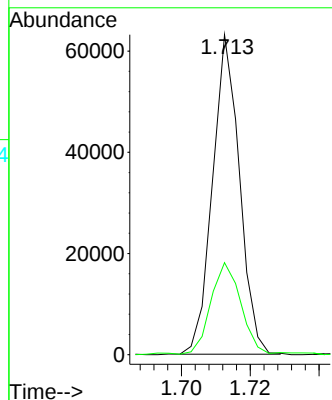
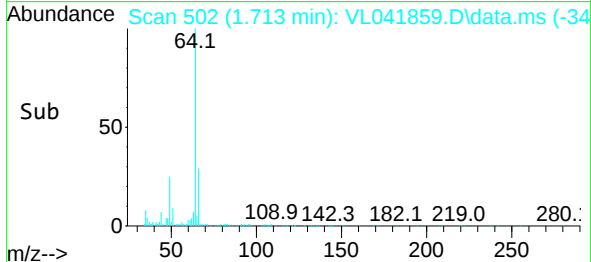
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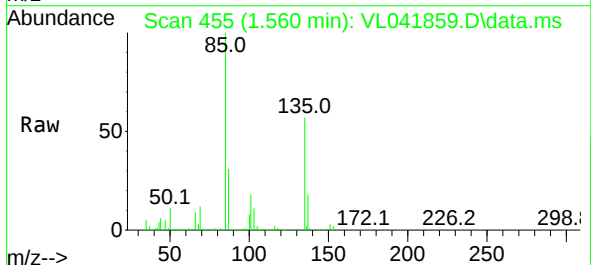
Tgt Ion: 64 Resp: 3435
Ion Ratio Lower Upper
64 100
66 28.8 25.6 38.4

Manual Integrations
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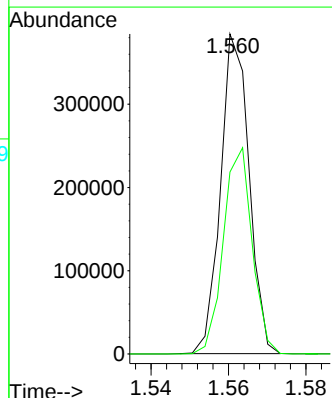
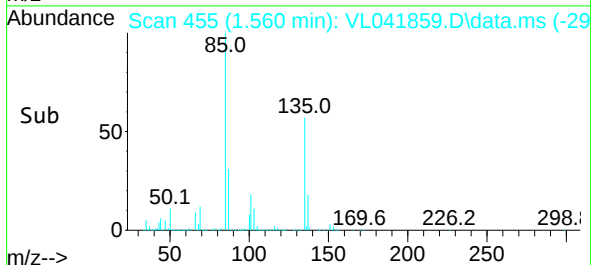
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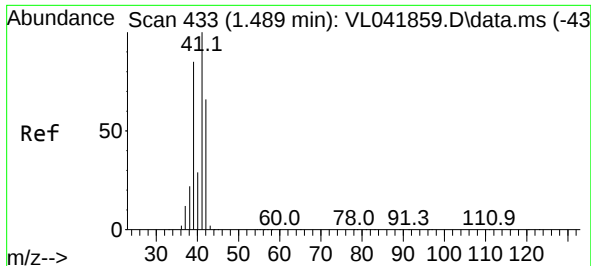


#8
Dichlorotetrafluoroethane
Concen: 9.224 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



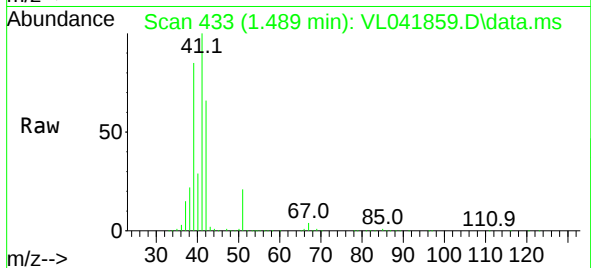
Tgt Ion: 85 Resp: 195898
Ion Ratio Lower Upper
85 100
135 65.3 47.9 71.9





#9
 Propene
 Concen: 13.692 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

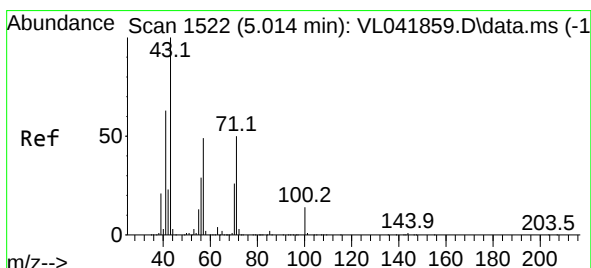
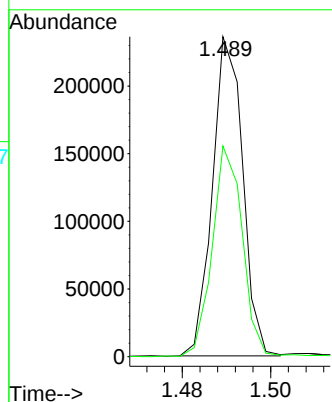
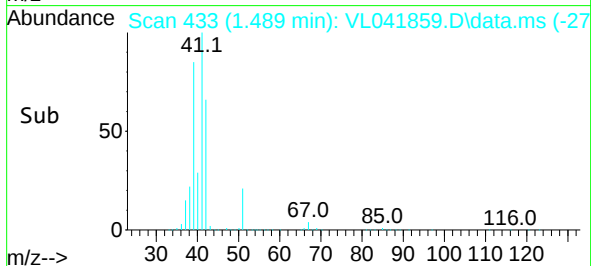
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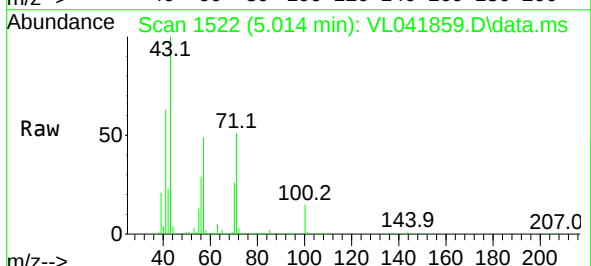
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 Ion Ratio Lower Upper
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 42 66.3 54.4 81.6

Manual Integrations
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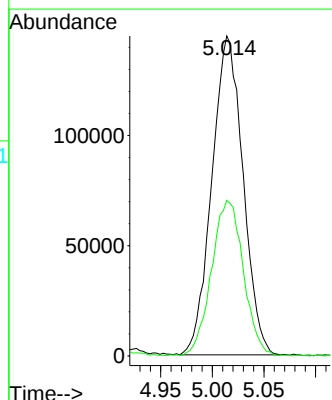
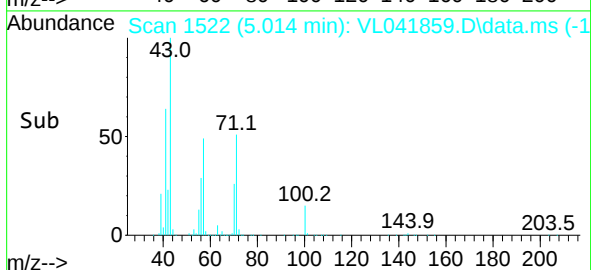
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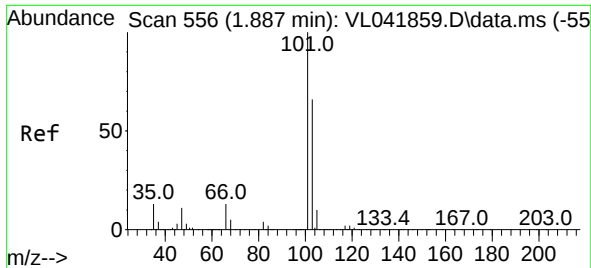


#10
 Heptane
 Concen: 14.992 ppbv
 RT: 5.014 min Scan# 1522
 Delta R.T. 0.010 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19



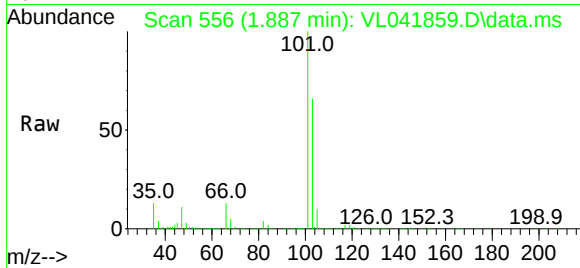
Tgt Ion: 43 Resp: 303272
 Ion Ratio Lower Upper
 43 100
 57 50.2 37.8 56.6





#11
Trichlorofluoromethane
Concen: 8.899 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

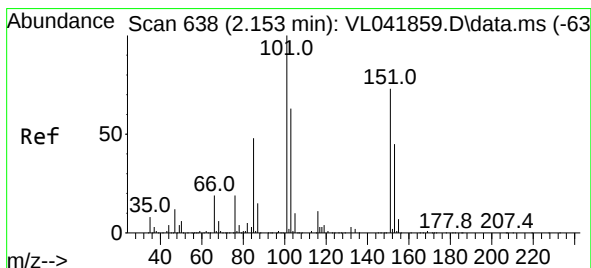
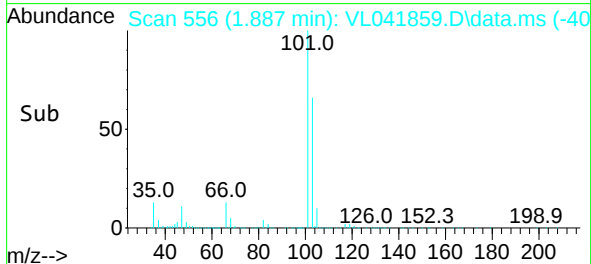
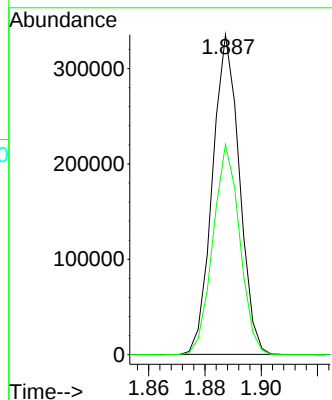
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:101 Resp: 222752
Ion Ratio Lower Upper
101 100
103 65.7 49.4 74.0

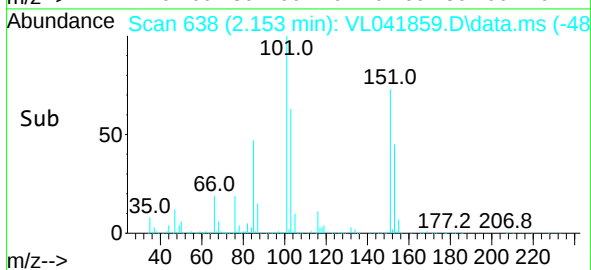
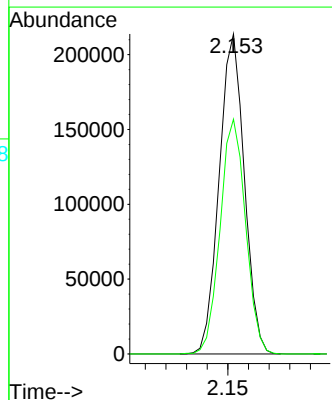
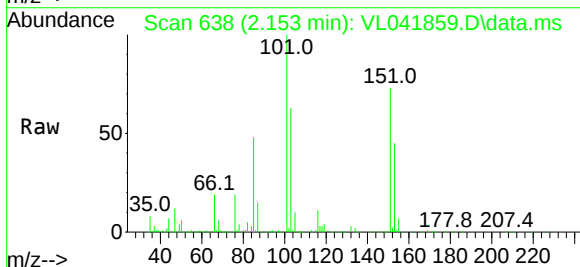
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.715 ppbv
RT: 2.153 min Scan# 638
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

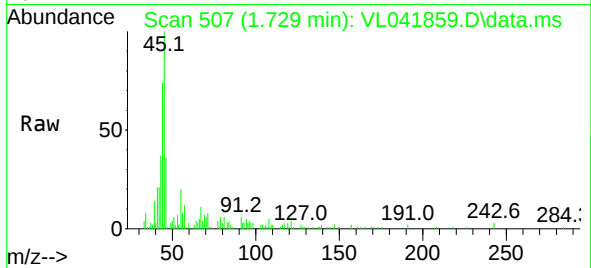
Tgt Ion:101 Resp: 181116
Ion Ratio Lower Upper
101 100
151 74.2 53.2 79.8





#13
Ethanol
Concen: 5.647 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

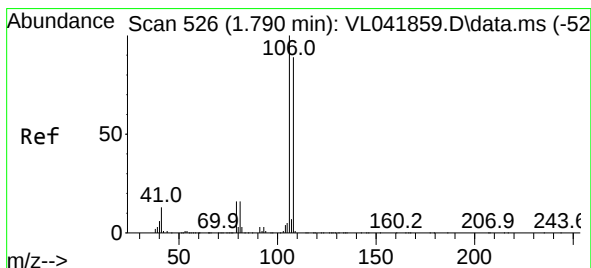
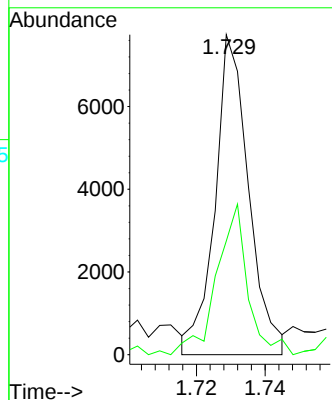
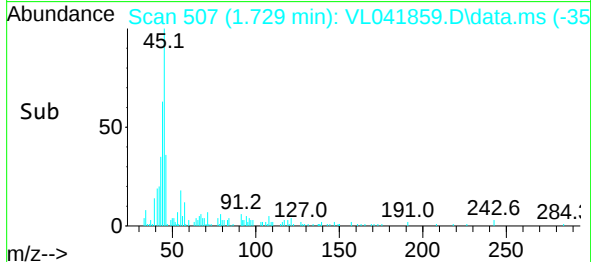
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



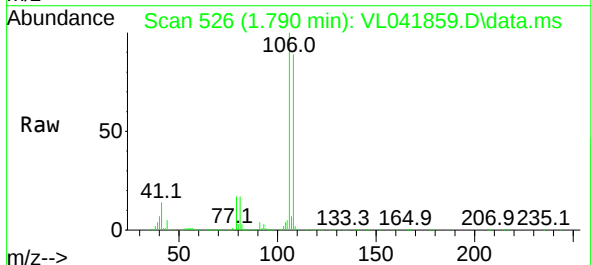
Tgt Ion: 45 Resp: 526
Ion Ratio Lower Upper
45 100
46 47.5 16.1 64.5

Manual Integrations
APPROVED

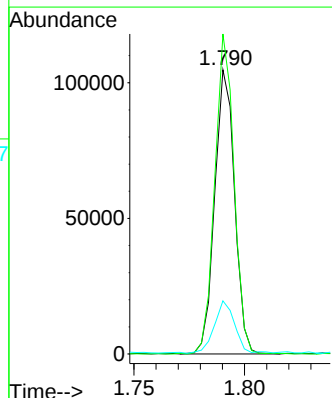
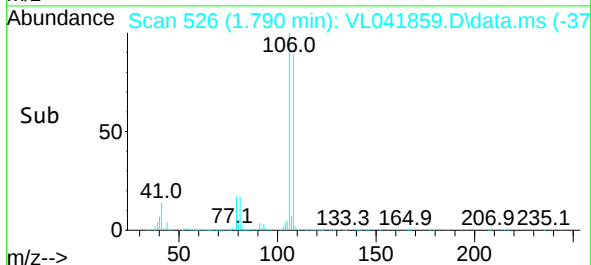
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

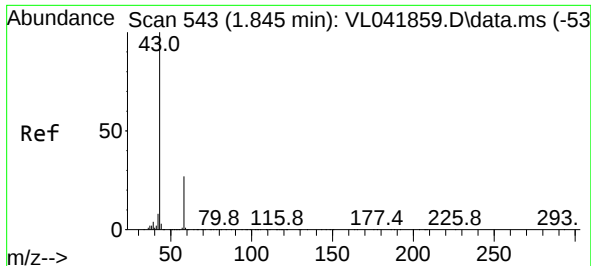


#14
Bromoethene
Concen: 10.743 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



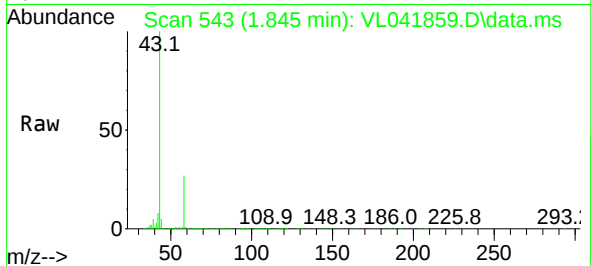
Tgt Ion:108 Resp: 65566
Ion Ratio Lower Upper
108 100
106 108.6 84.6 126.8
79 19.5 18.3 27.5





#15
Acetone
Concen: 6.626 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

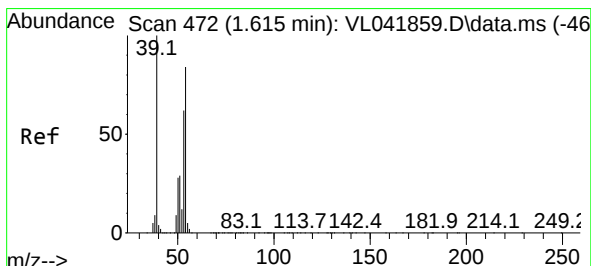
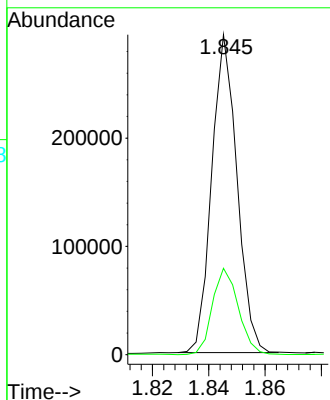
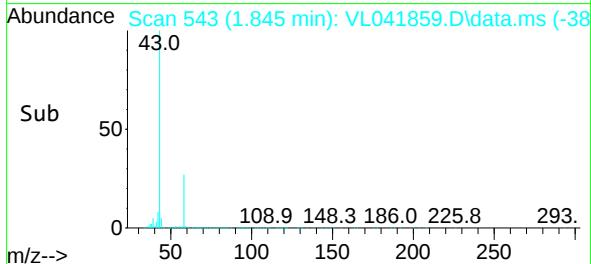
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



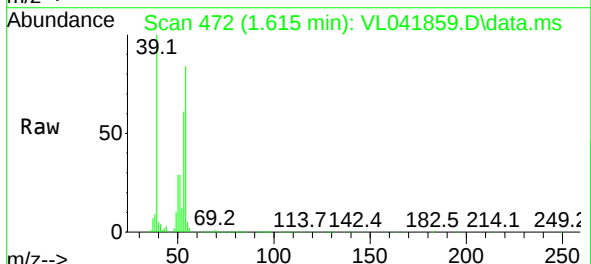
Tgt Ion: 43 Resp: 183039
Ion Ratio Lower Upper
43 100
58 28.4 20.2 30.2

Manual Integrations
APPROVED

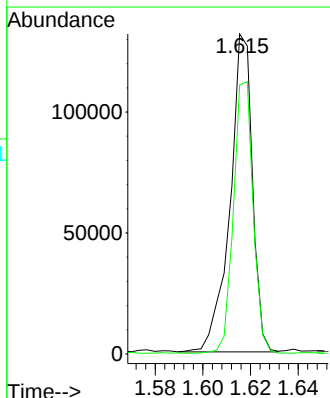
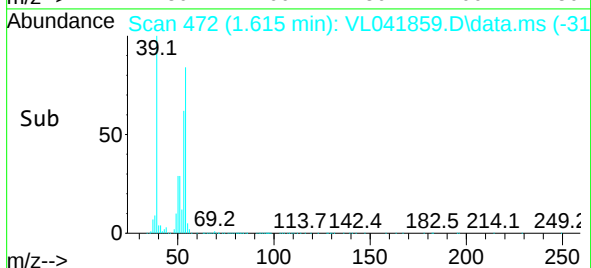
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

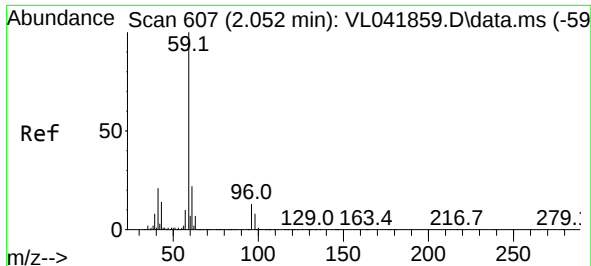


#16
1,3-Butadiene
Concen: 7.945 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



Tgt Ion: 39 Resp: 86059
Ion Ratio Lower Upper
39 100
54 75.1 56.2 84.4





#17

tert-Butyl alcohol

Concen: 10.708 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 25630

Ion Ratio Lower Upper

59 100

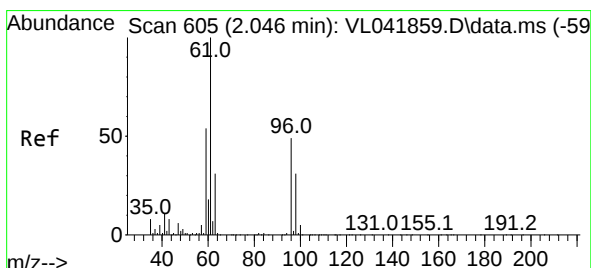
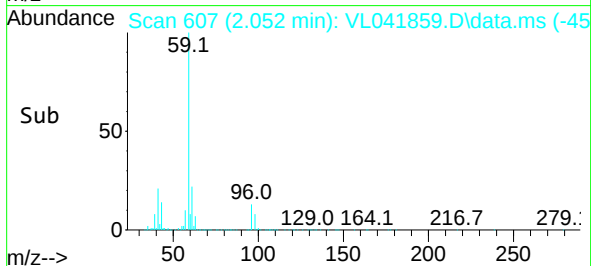
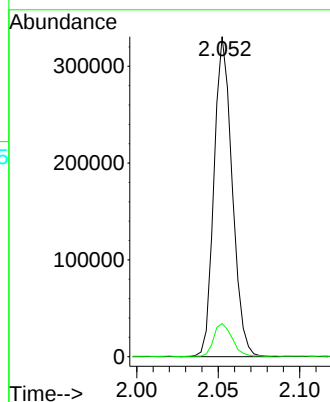
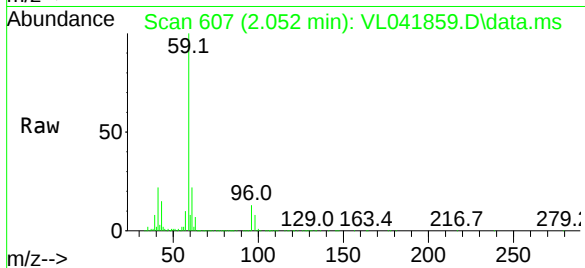
57 10.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#18

1,1-Dichloroethene

Concen: 10.432 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

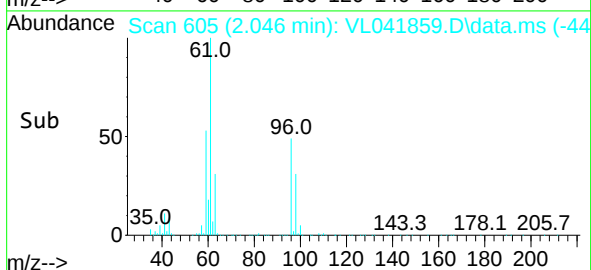
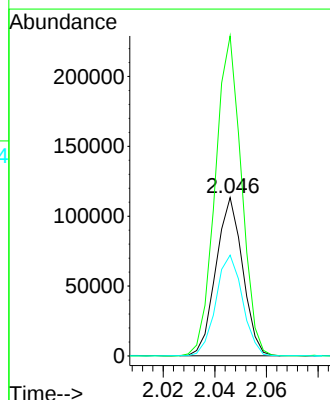
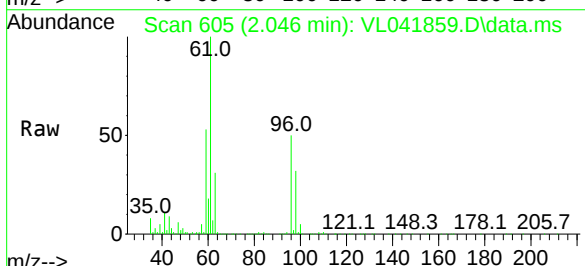
Tgt Ion: 96 Resp: 81423

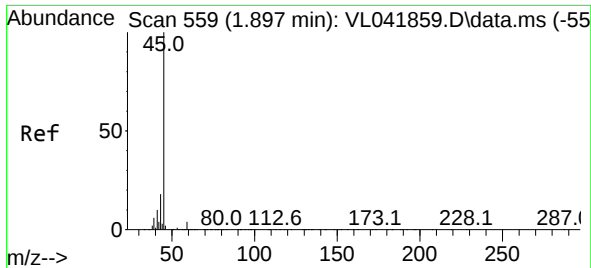
Ion Ratio Lower Upper

96 100

61 202.1 179.2 268.8

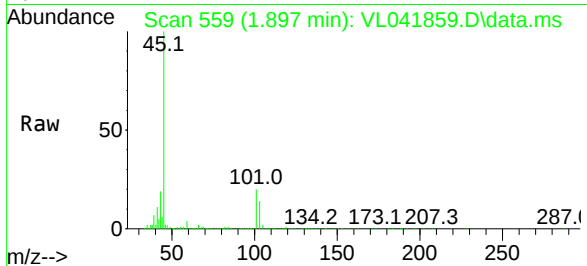
98 63.7 51.6 77.4





#19
Isopropyl Alcohol
Concen: 8.528 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

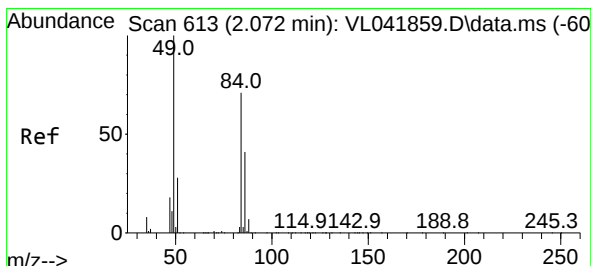
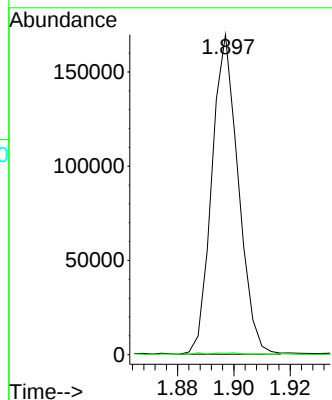
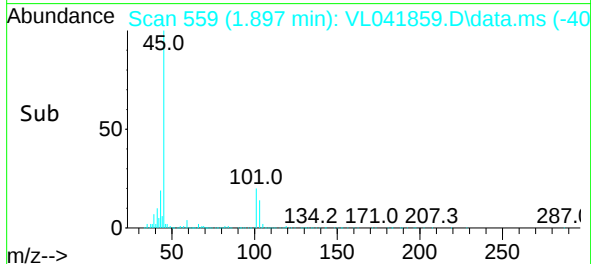
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



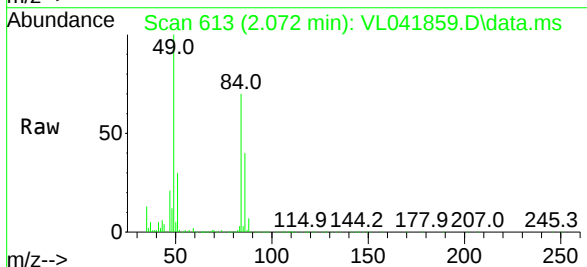
Tgt Ion: 45 Resp: 110578
Ion Ratio Lower Upper
45 100
58 46.3 2.0 3.0

Manual Integrations
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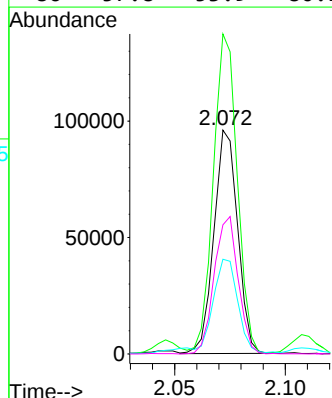
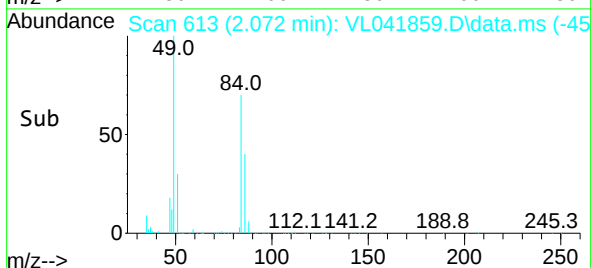
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

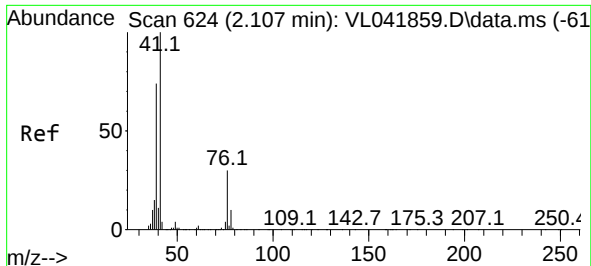


#20
Methylene Chloride
Concen: 9.055 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



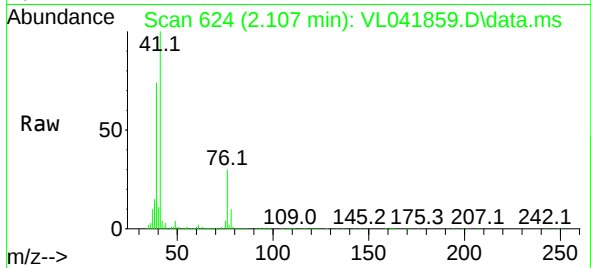
Tgt Ion: 84 Resp: 71501
Ion Ratio Lower Upper
84 100
49 142.3 137.8 206.8
51 41.9 43.9 65.9#
86 57.8 53.9 80.9





#21
 Allyl Chloride
 Concen: 9.950 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

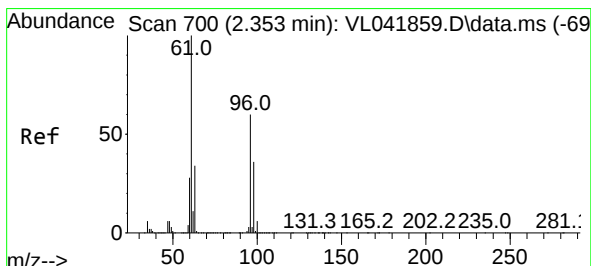
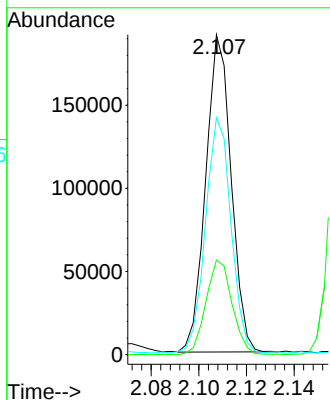
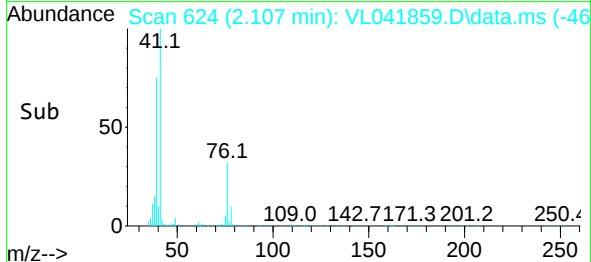
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



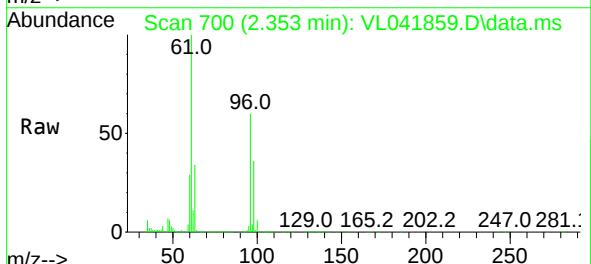
Tgt Ion: 41 Resp: 141570
 Ion Ratio Lower Upper
 41 100
 76 30.7 20.6 31.0
 39 75.1 67.4 101.2

Manual Integrations
 APPROVED

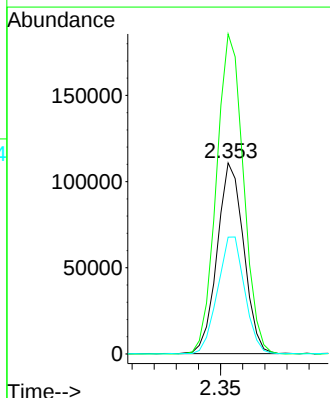
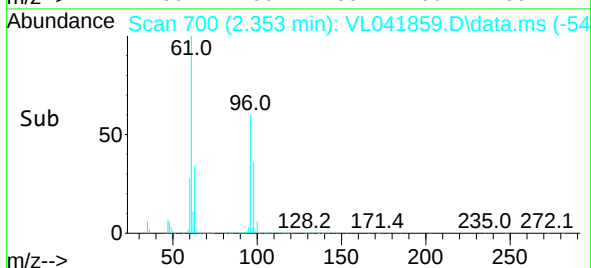
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

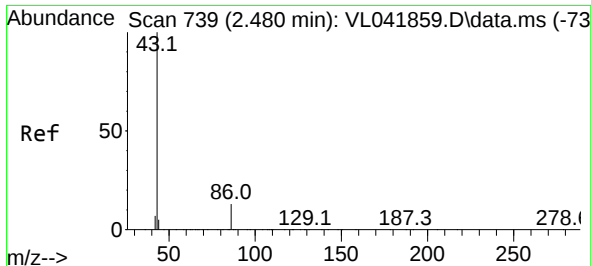


#22
 trans-1,2-Dichloroethene
 Concen: 10.553 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.003 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19



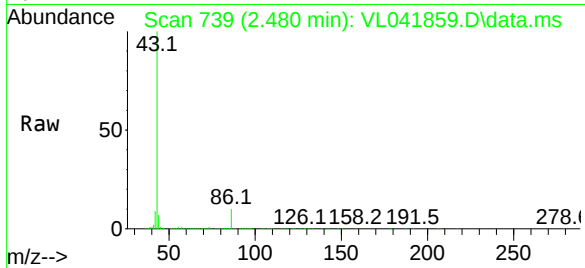
Tgt Ion: 96 Resp: 92062
 Ion Ratio Lower Upper
 96 100
 61 167.8 144.0 216.0
 98 61.2 46.9 70.3





#23
 Vinyl Acetate
 Concen: 13.762 ppbv
 RT: 2.480 min Scan# 739
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

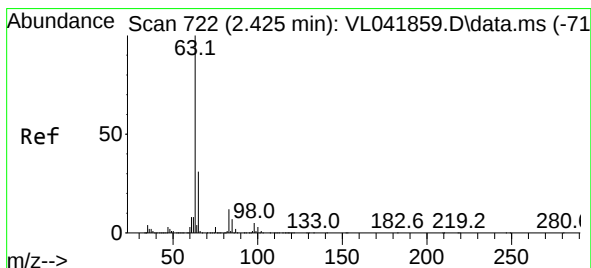
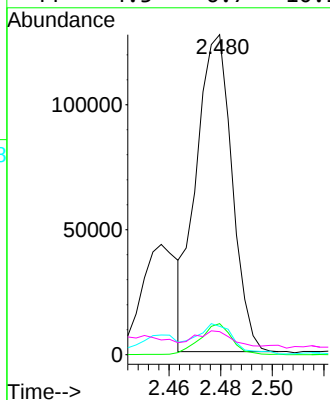
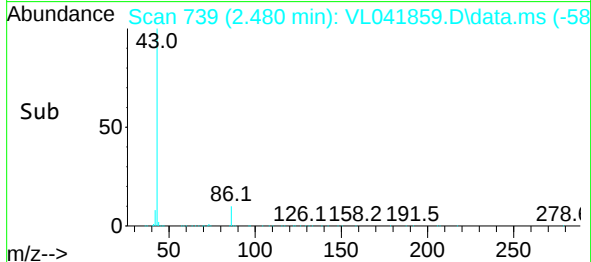
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



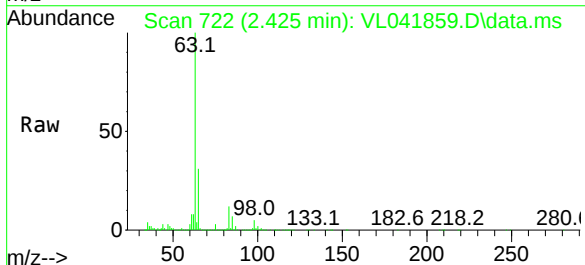
Tgt Ion: 43 Resp: 121914
 Ion Ratio Lower Upper
 43 100
 86 9.7 6.4 9.6
 42 8.7 9.5 14.3
 44 4.3 6.7 10.1

Manual Integrations
 APPROVED

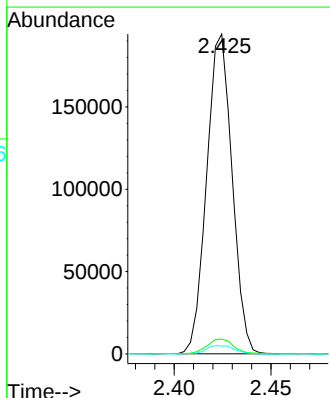
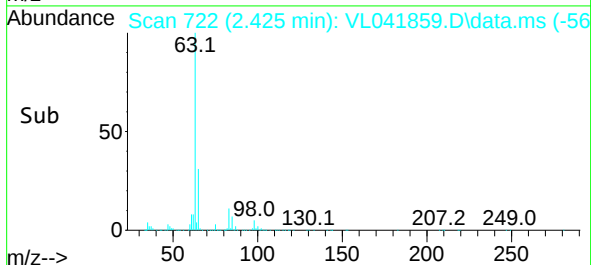
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

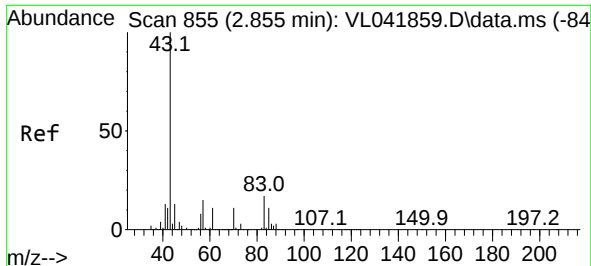


#24
 1,1-Dichloroethane
 Concen: 9.286 ppbv
 RT: 2.425 min Scan# 722
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19



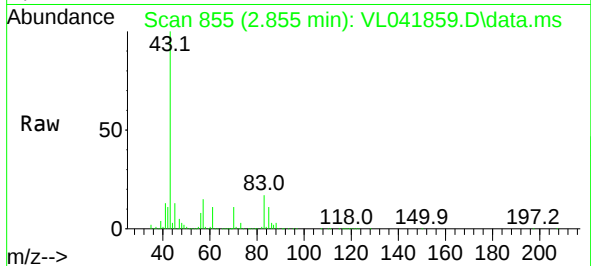
Tgt Ion: 63 Resp: 177291
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.3 6.9
 100 2.5 1.4 4.0





#25
Ethyl Acetate
Concen: 12.728 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

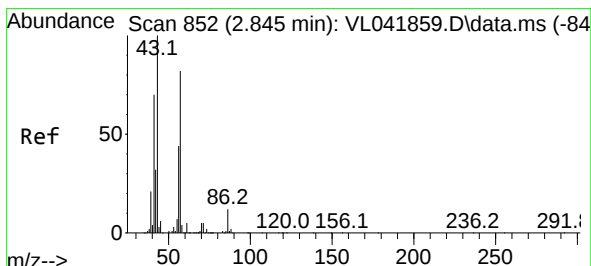
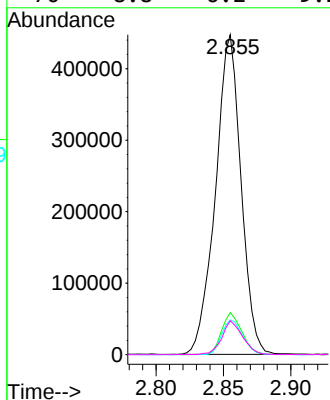
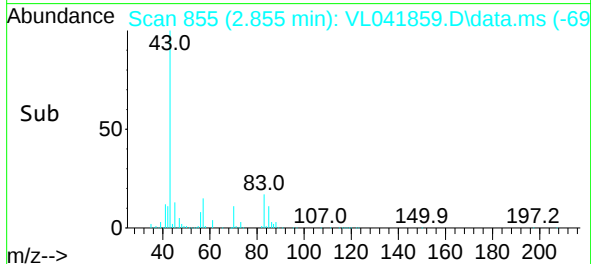
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



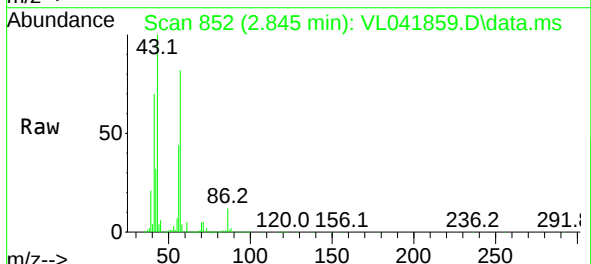
Tgt Ion: 43 Resp: 58956
Ion Ratio Lower Upper
43 100
45 10.5 7.8 11.8
61 9.1 7.0 10.6
70 8.8 6.2 9.2

Manual Integrations
APPROVED

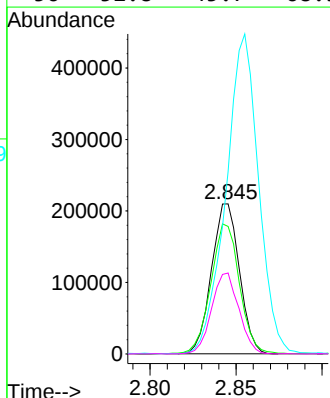
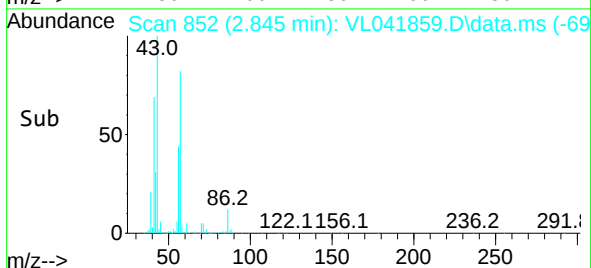
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

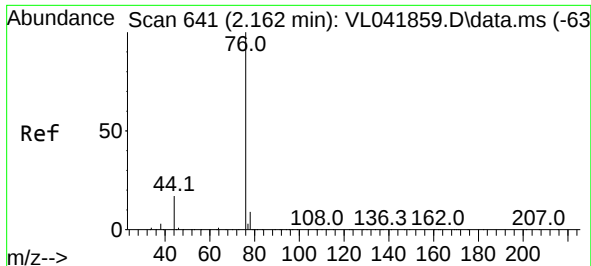


#26
Hexane
Concen: 14.695 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



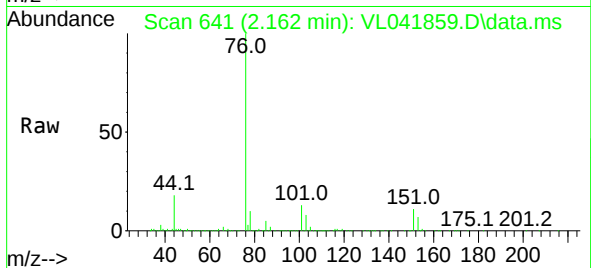
Tgt Ion: 57 Resp: 236237
Ion Ratio Lower Upper
57 100
41 89.4 84.1 126.1
43 250.3 218.4 327.6
56 52.8 45.7 68.5





#27
Carbon Disulfide
Concen: 14.877 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

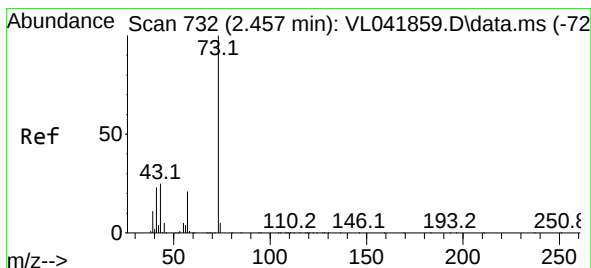
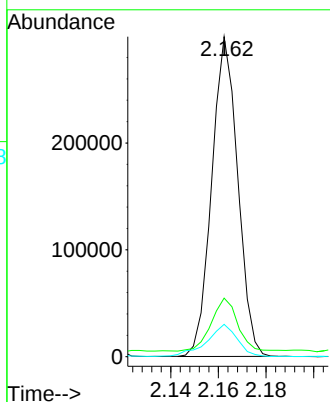
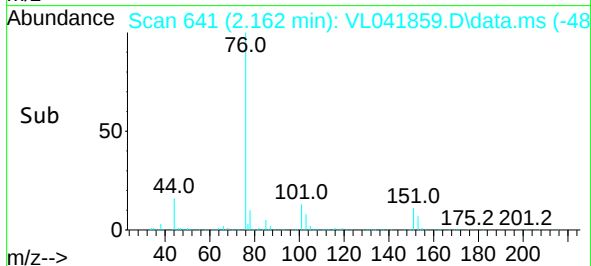
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



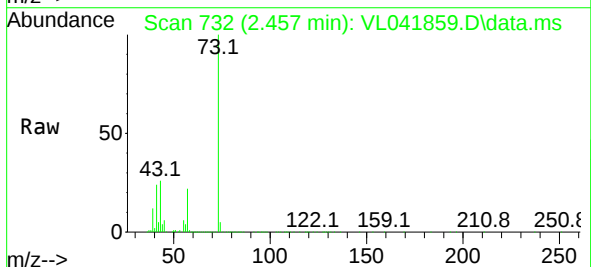
Tgt Ion: 76 Resp: 226980
Ion Ratio Lower Upper
76 100
44 16.4 19.8 29.8
78 11.9 9.8 14.8

Manual Integrations
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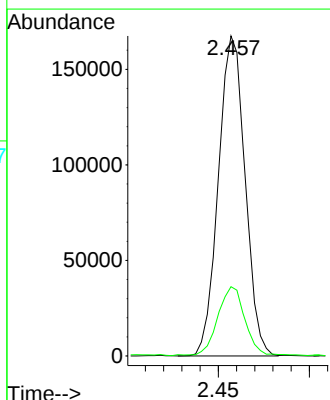
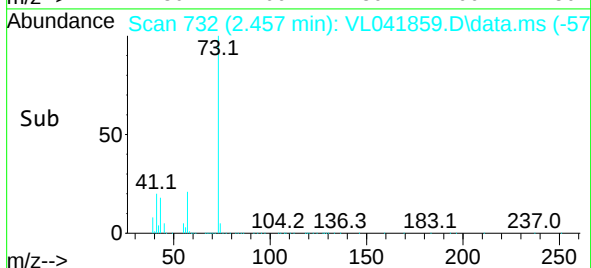
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

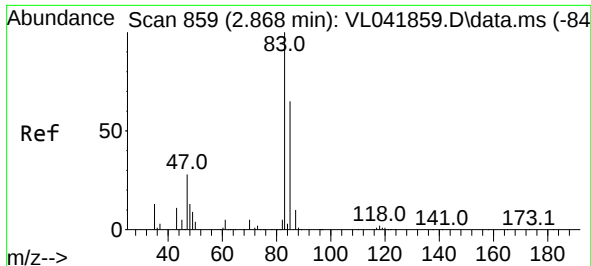


#28
Methyl tert-Butyl Ether
Concen: 14.077 ppbv
RT: 2.457 min Scan# 732
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



Tgt Ion: 73 Resp: 170565
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6





#29

Chloroform

Concen: 10.989 ppbv

RT: 2.868 min Scan# 859

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 328200

Ion Ratio Lower Upper

83 100

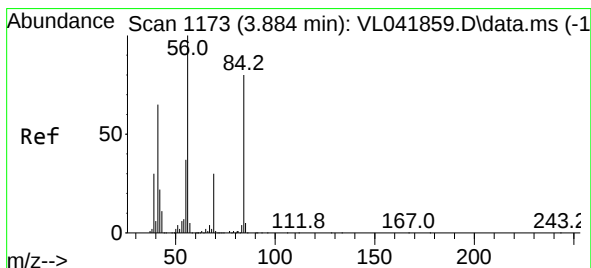
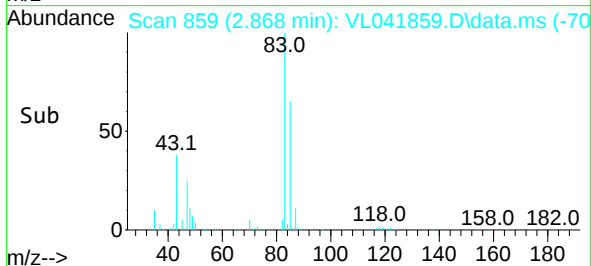
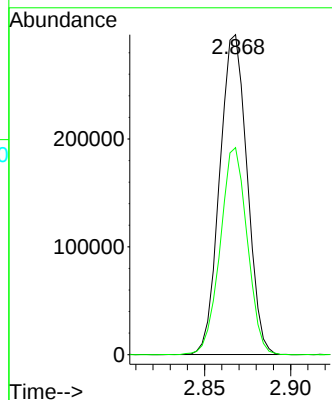
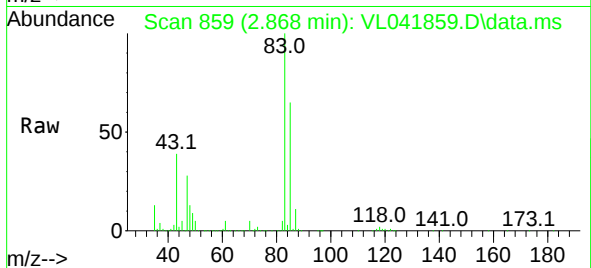
85 64.6 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#30

Cyclohexane

Concen: 16.773 ppbv

RT: 3.884 min Scan# 1173

Delta R.T. 0.010 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

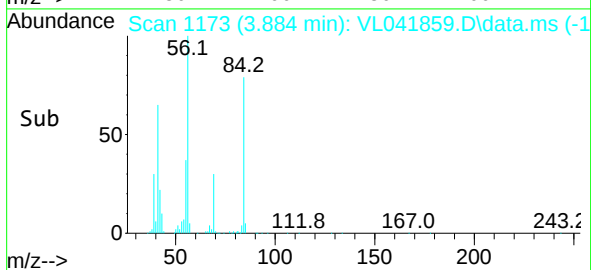
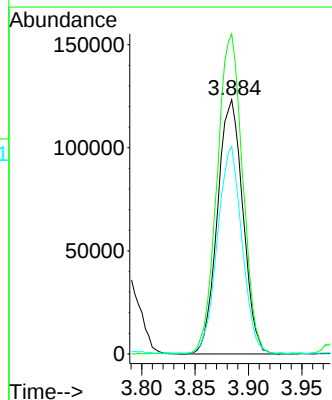
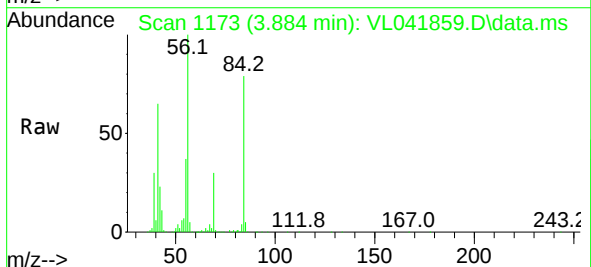
Tgt Ion: 84 Resp: 204595

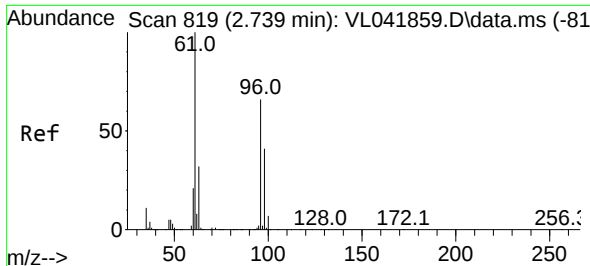
Ion Ratio Lower Upper

84 100

56 125.9 105.0 157.6

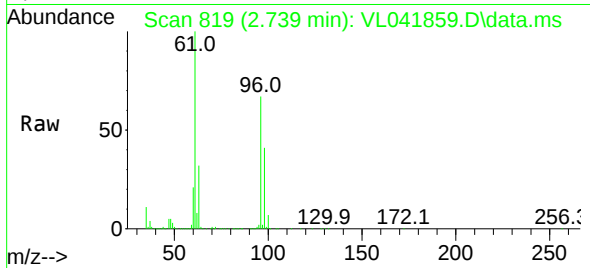
41 78.5 78.9 118.3





#31
 cis-1,2-Dichloroethene
 Concen: 13.944 ppbv
 RT: 2.739 min Scan# 819
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

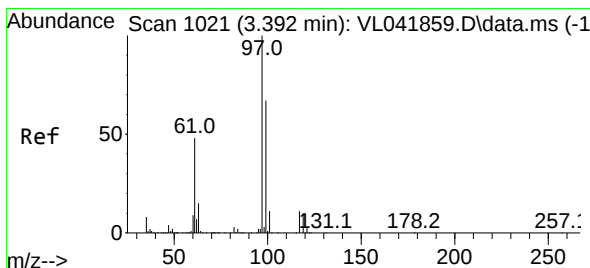
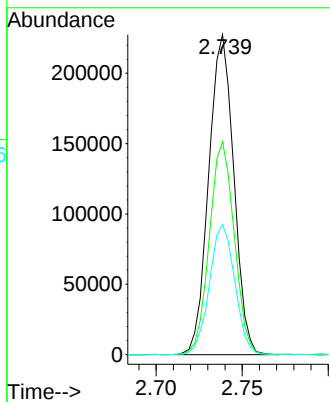
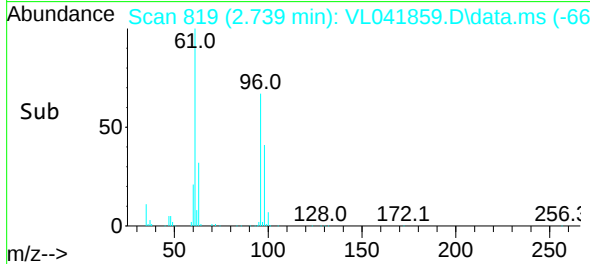
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



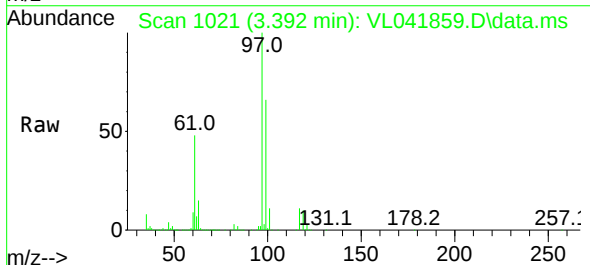
Tgt Ion: 61 Resp: 230732
 Ion Ratio Lower Upper
 61 100
 96 66.5 47.6 71.4
 98 40.6 30.2 45.2

Manual Integrations
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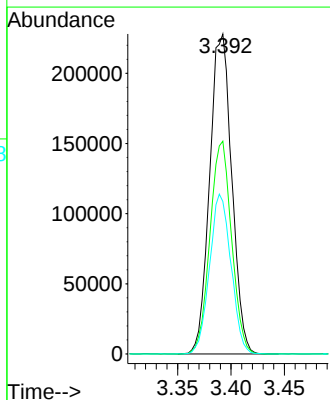
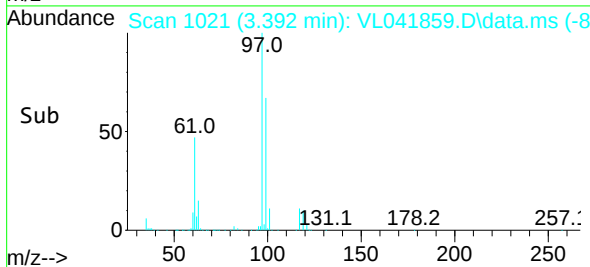
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

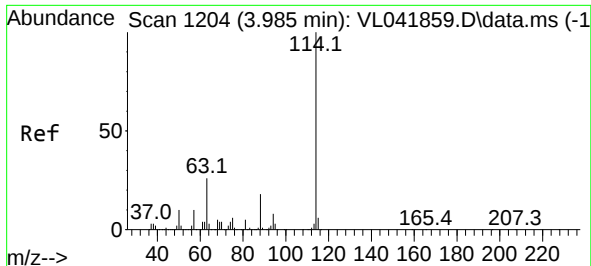


#32
 1,1,1-Trichloroethane
 Concen: 12.132 ppbv
 RT: 3.392 min Scan# 1021
 Delta R.T. 0.010 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19



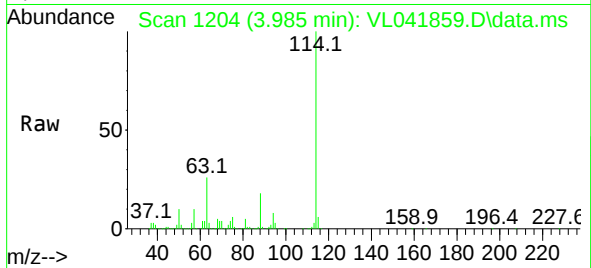
Tgt Ion: 97 Resp: 328356
 Ion Ratio Lower Upper
 97 100
 99 65.0 50.6 76.0
 61 48.5 45.0 67.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.985 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

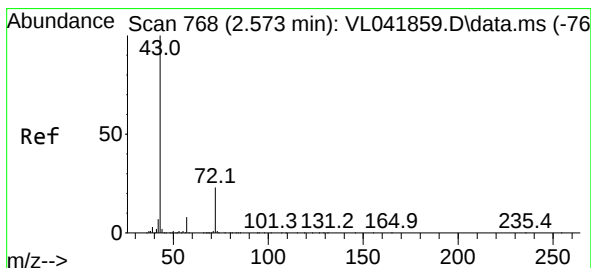
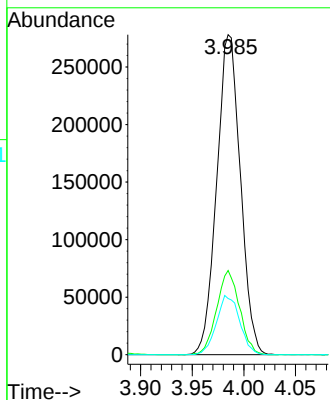
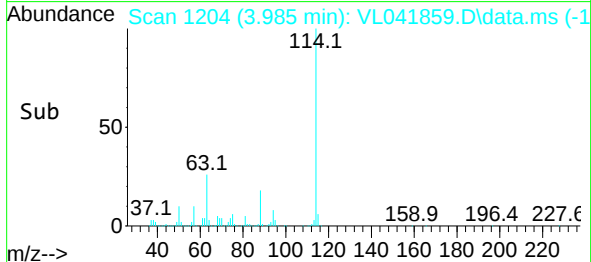
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 44286
Ion Ratio Lower Upper
114 100
63 25.4 22.3 33.5
88 18.2 14.9 22.3

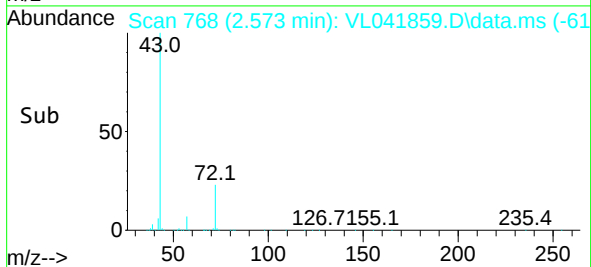
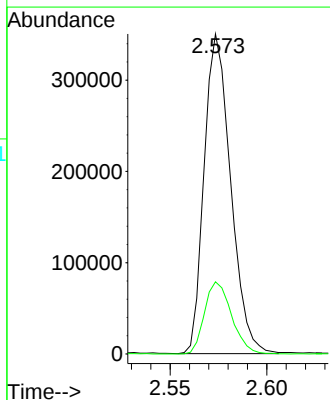
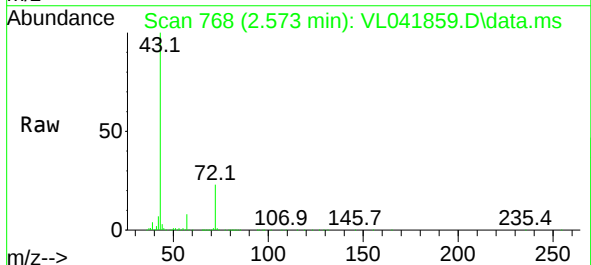
Manual Integrations
APPROVED

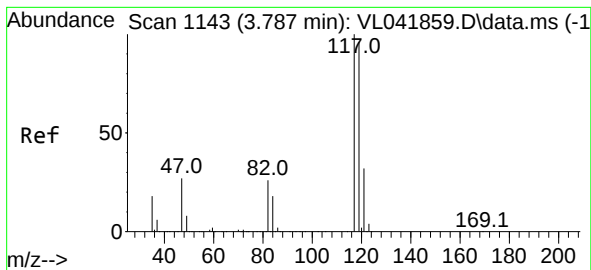
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#34
2-Butanone
Concen: 9.557 ppbv
RT: 2.573 min Scan# 768
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Tgt Ion: 43 Resp: 333402
Ion Ratio Lower Upper
43 100
72 23.1 16.6 25.0





#35

Carbon Tetrachloride

Concen: 9.690 ppbv

RT: 3.787 min Scan# 1143

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 324320

Ion Ratio Lower Upper

117 100

119 96.1 79.1 118.7

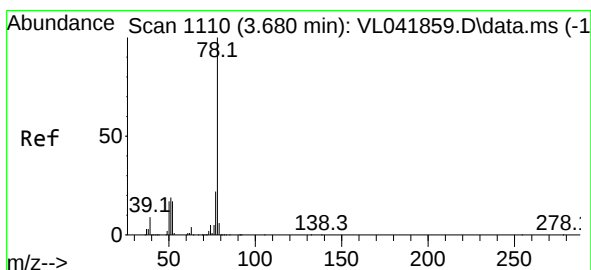
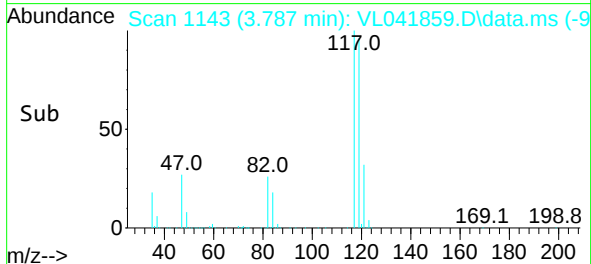
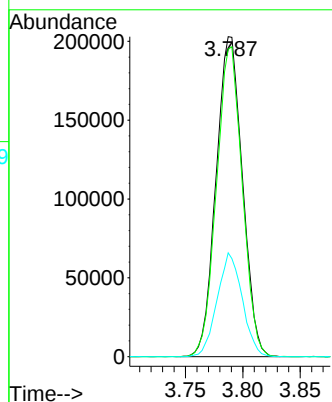
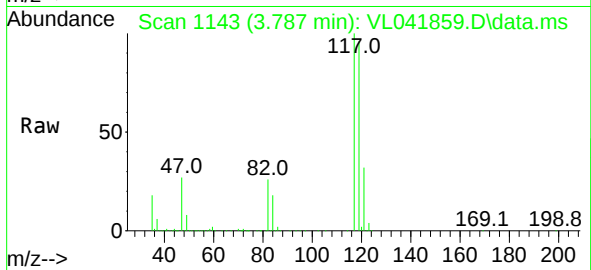
121 32.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#36

Benzene

Concen: 11.507 ppbv

RT: 3.680 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

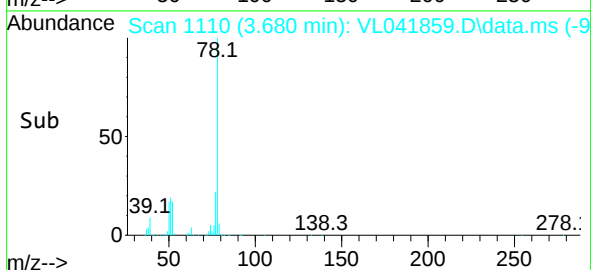
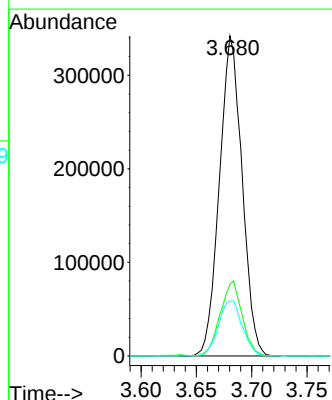
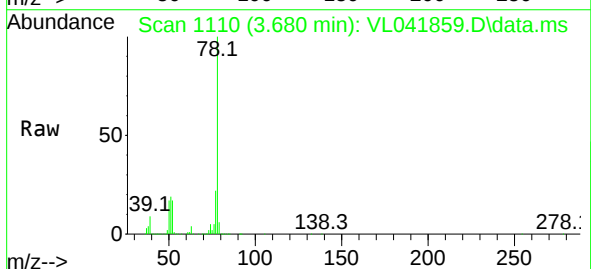
Tgt Ion: 78 Resp: 486852

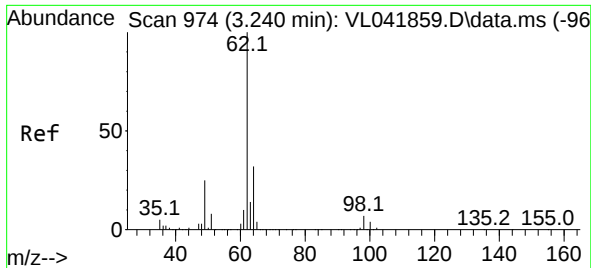
Ion Ratio Lower Upper

78 100

77 22.4 17.4 26.0

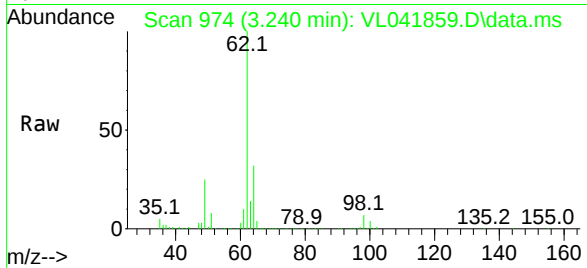
50 17.1 17.3 25.9#





#37
1,2-Dichloroethane
Concen: 8.987 ppbv
RT: 3.240 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

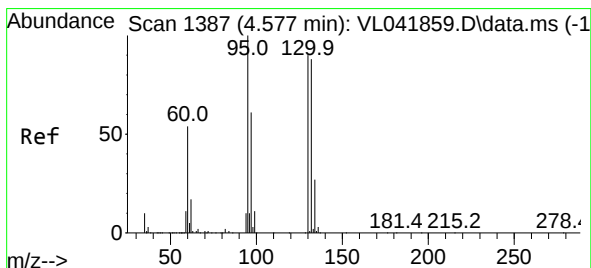
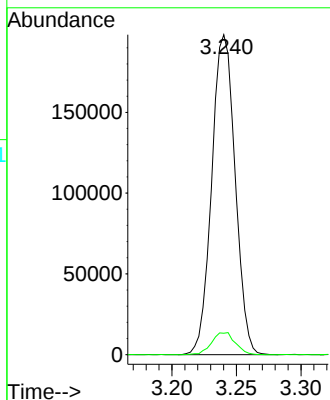
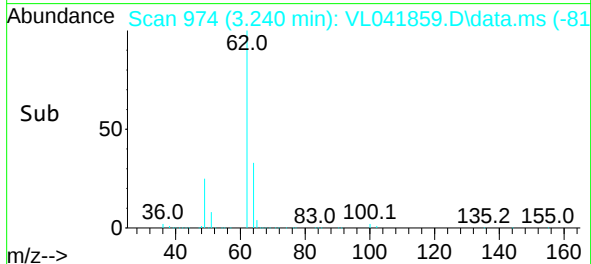
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



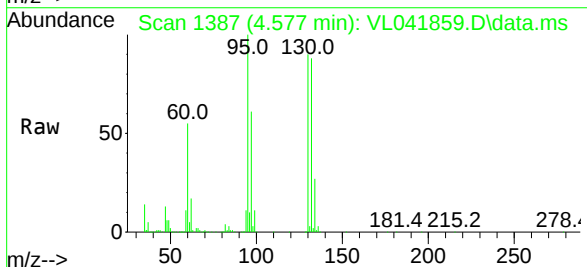
Tgt Ion: 62 Resp: 249944
Ion Ratio Lower Upper
62 100
98 7.0 4.8 7.2

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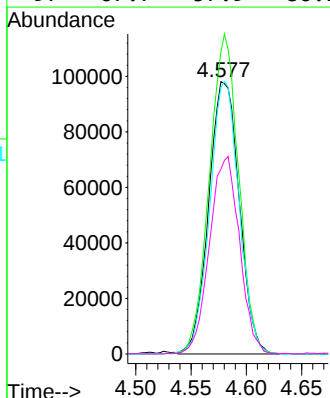
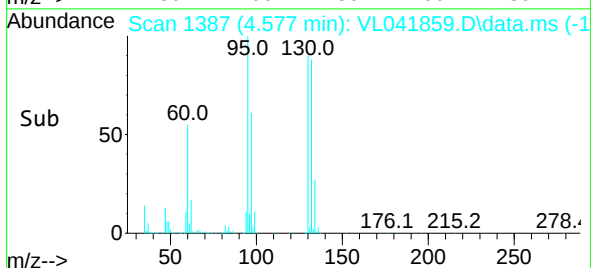
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

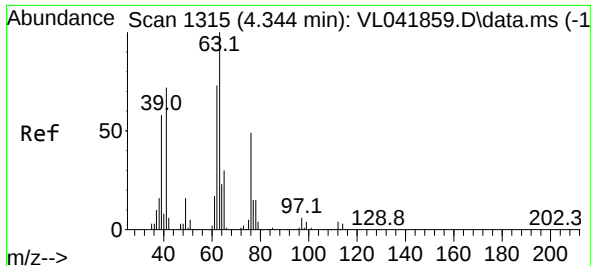


#38
Trichloroethene
Concen: 11.357 ppbv
RT: 4.577 min Scan# 1387
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



Tgt Ion:130 Resp: 188346
Ion Ratio Lower Upper
130 100
95 110.6 90.1 135.1
132 97.7 71.8 107.8
97 67.7 57.9 86.9





#39

1,2-Dichloropropane

Concen: 10.483 ppbv

RT: 4.344 min Scan# 1315

Delta R.T. 0.010 min

Lab File: VL041859.D

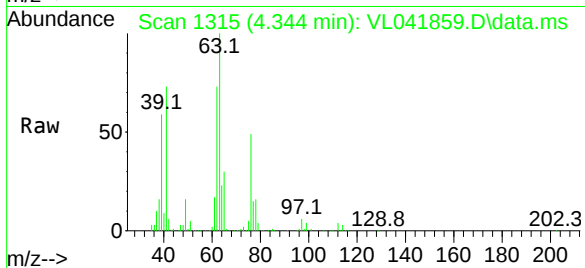
Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 63 Resp: 17156

Ion Ratio Lower Upper

63 100

41 72.5 77.7 116.5

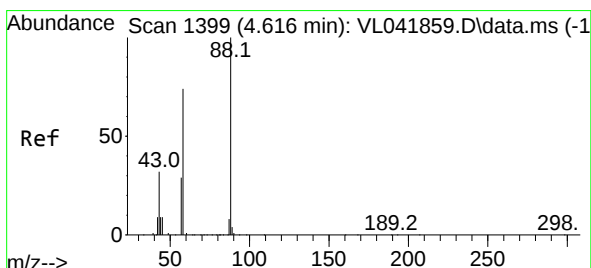
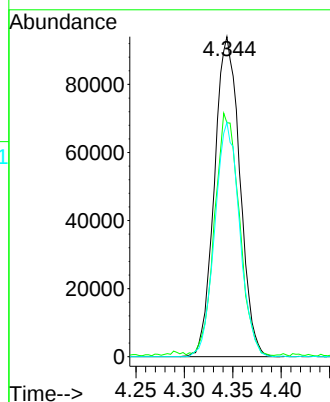
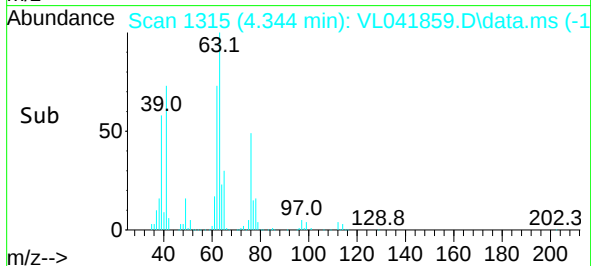
62 73.2 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#40

1,4-Dioxane

Concen: 13.190 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.010 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Tgt Ion: 88 Resp: 83645

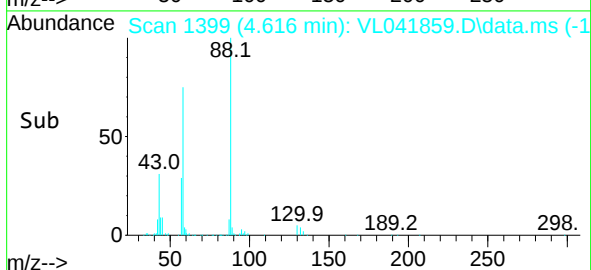
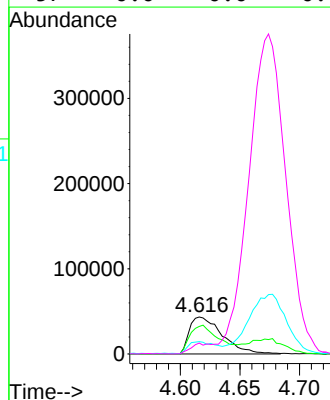
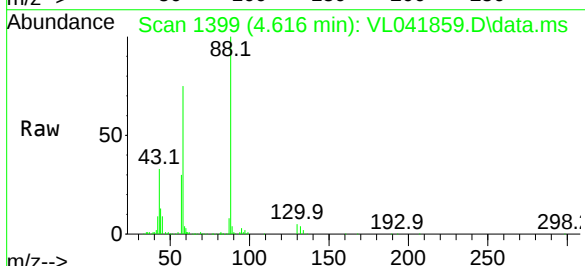
Ion Ratio Lower Upper

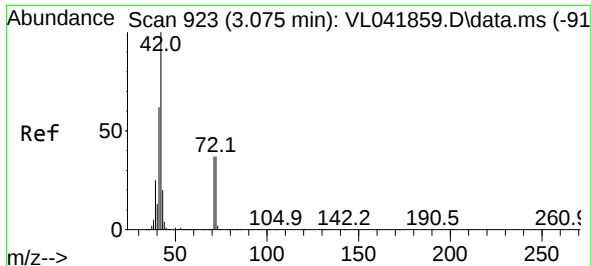
88 100

58 65.3 65.1 97.7

43 0.0 32.1 48.1

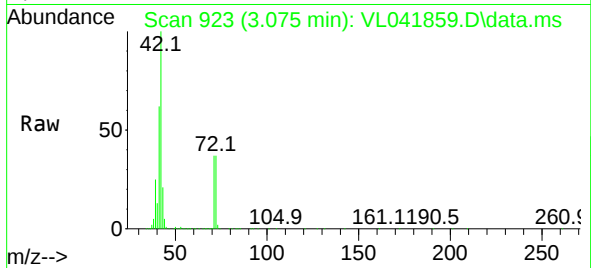
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 12.236 ppbv
RT: 3.075 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

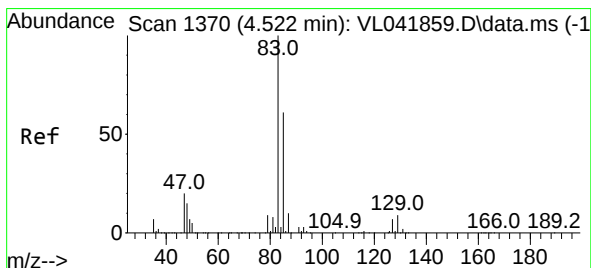
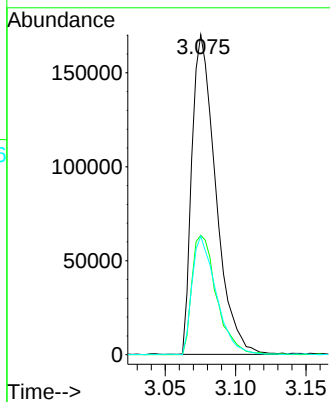
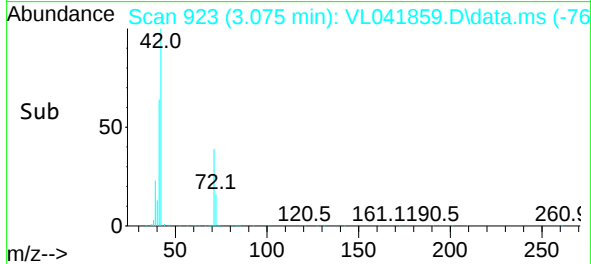
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 201204
Ion Ratio Lower Upper
42 100
72 38.5 27.9 41.9
71 37.6 26.5 39.7

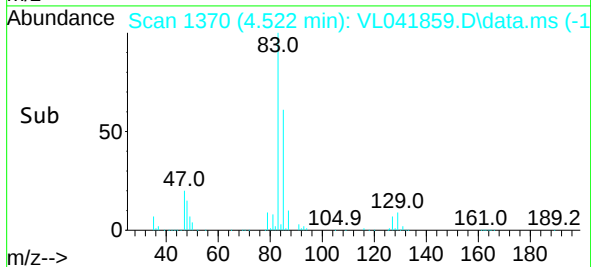
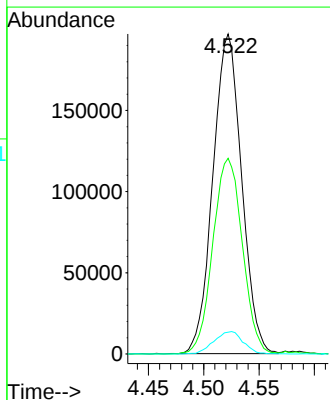
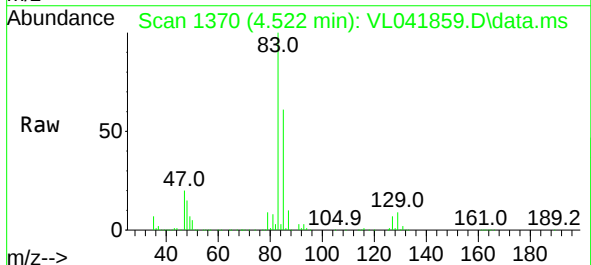
Manual Integrations
APPROVED

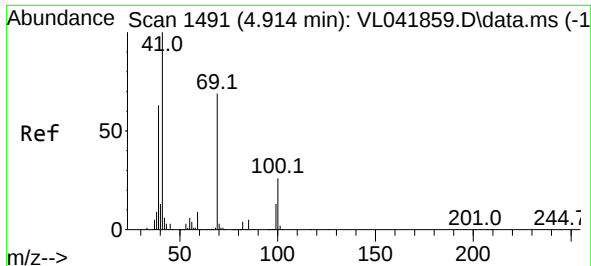
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#42
Bromodichloromethane
Concen: 10.910 ppbv
RT: 4.522 min Scan# 1370
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Tgt Ion: 83 Resp: 355888
Ion Ratio Lower Upper
83 100
85 61.1 51.3 76.9
127 6.8 5.6 8.4





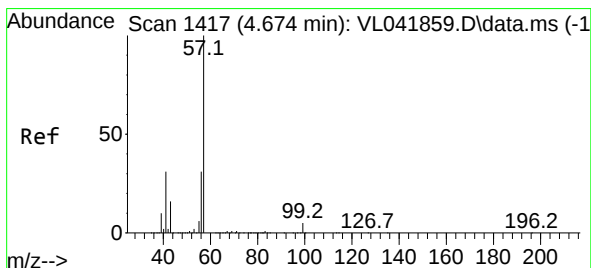
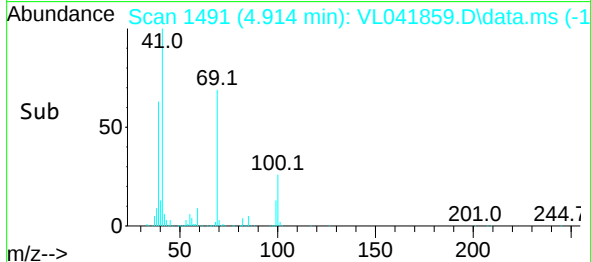
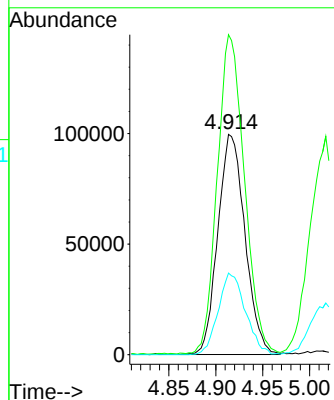
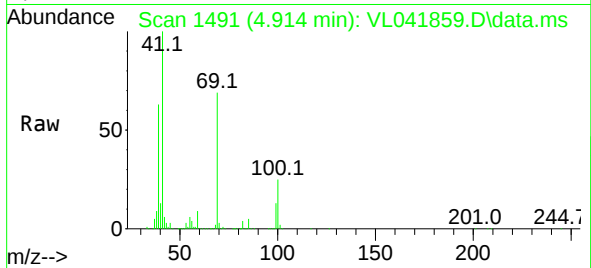
#43
Methyl Methacrylate
Concen: 15.032 ppbv
RT: 4.914 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 199710
Ion Ratio Lower Upper
69 100
41 145.3 132.3 198.5
100 37.3 28.2 42.4

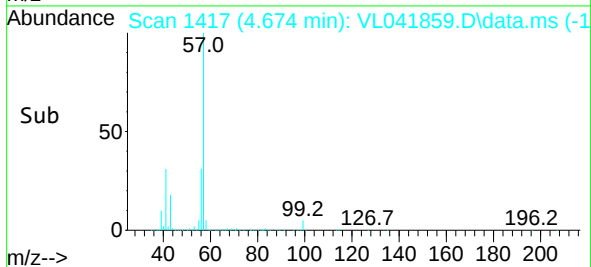
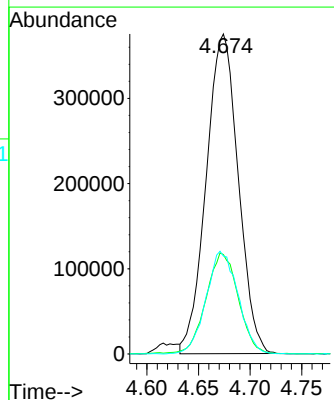
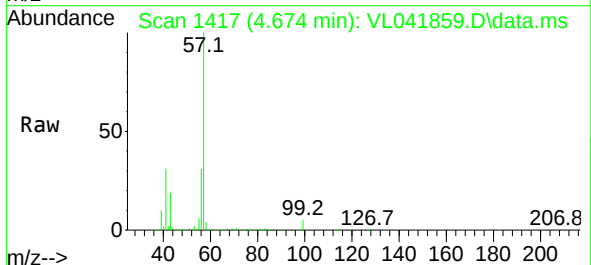
Manual Integrations
APPROVED

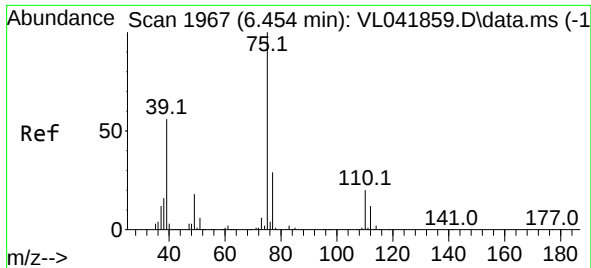
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 11.618 ppbv
RT: 4.674 min Scan# 1417
Delta R.T. 0.013 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Tgt Ion: 57 Resp: 809851
Ion Ratio Lower Upper
57 100
41 31.9 31.4 47.2
56 32.0 26.6 39.8





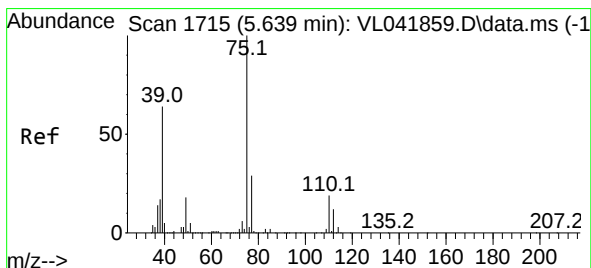
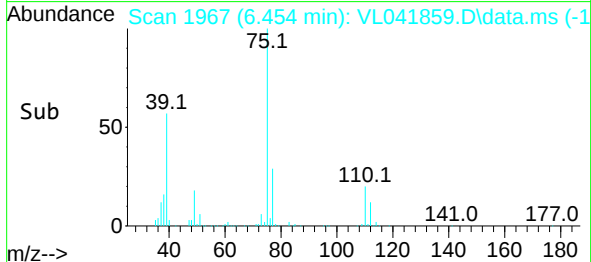
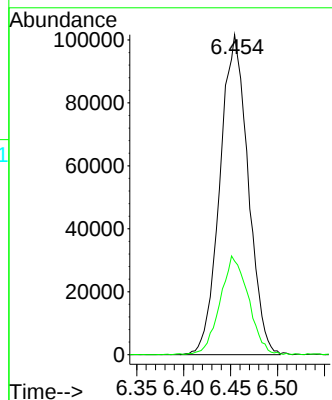
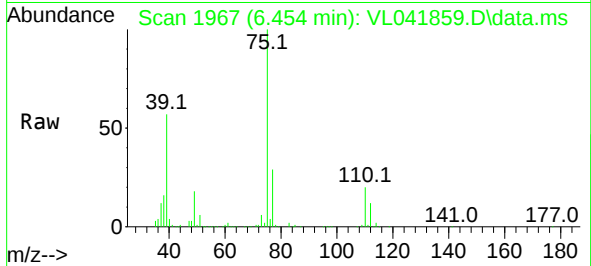
#45
 t-1,3-Dichloropropene
 Concen: 16.371 ppbv
 RT: 6.454 min Scan# 1967
 Delta R.T. 0.016 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 21234
 Ion Ratio Lower Upper
 75 100
 77 29.3 22.2 33.4

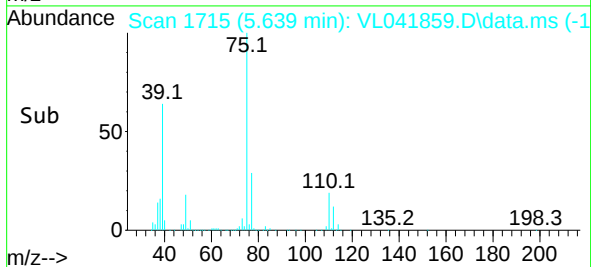
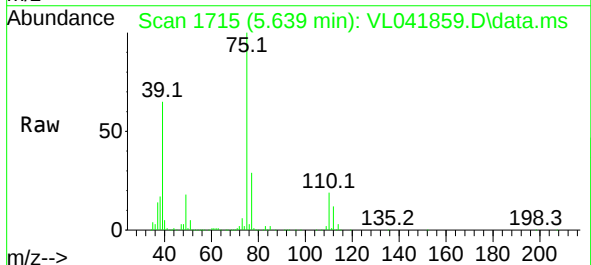
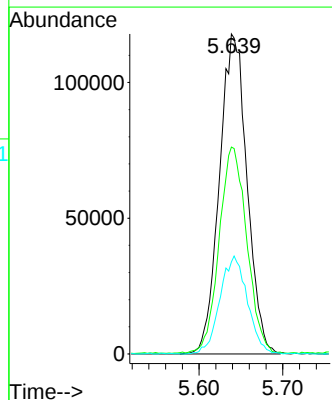
Manual Integrations
 APPROVED

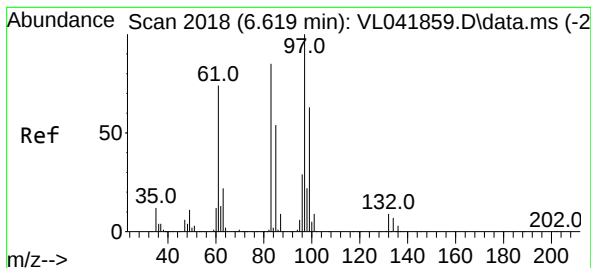
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#46
 cis-1,3-Dichloropropene
 Concen: 15.788 ppbv
 RT: 5.639 min Scan# 1715
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

Tgt Ion: 75 Resp: 269395
 Ion Ratio Lower Upper
 75 100
 39 64.3 63.3 94.9
 77 28.7 23.5 35.3





#47

1,1,2-Trichloroethane

Concen: 10.214 ppbv

RT: 6.619 min Scan# 2018

Delta R.T. 0.013 min

Lab File: VL041859.D

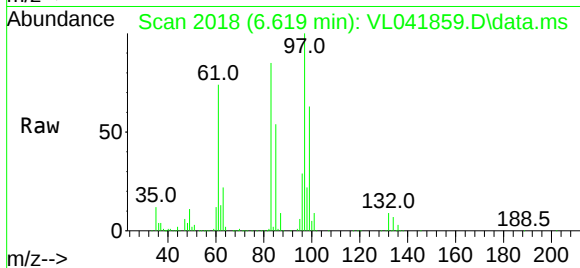
Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 97 Resp: 17681

Ion Ratio Lower Upper

97 100

83 85.1 70.3 105.5

85 54.3 41.5 62.3

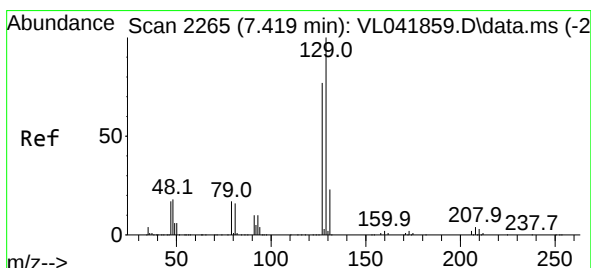
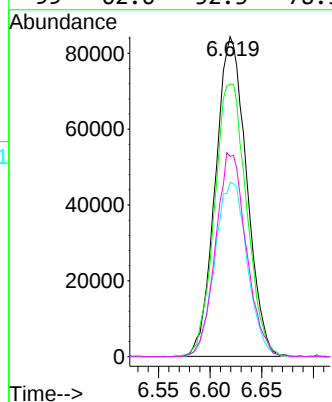
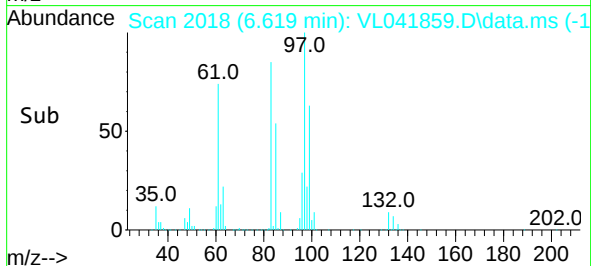
99 62.6 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#48

Dibromochloromethane

Concen: 13.195 ppbv

RT: 7.419 min Scan# 2265

Delta R.T. 0.010 min

Lab File: VL041859.D

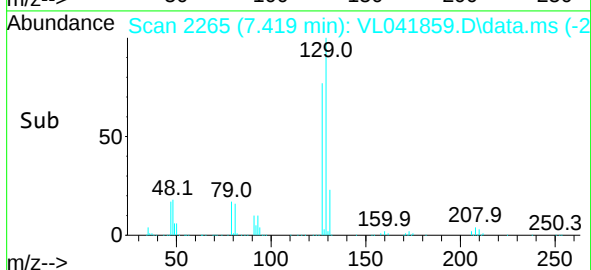
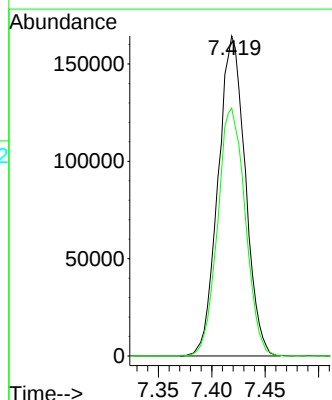
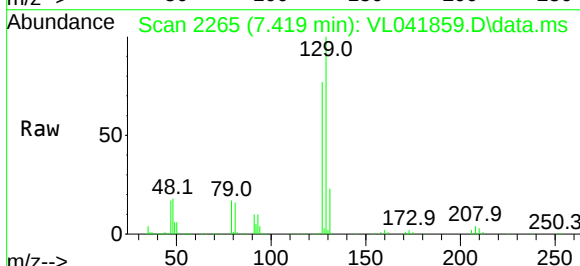
Acq: 09 Jan 2025 11:19

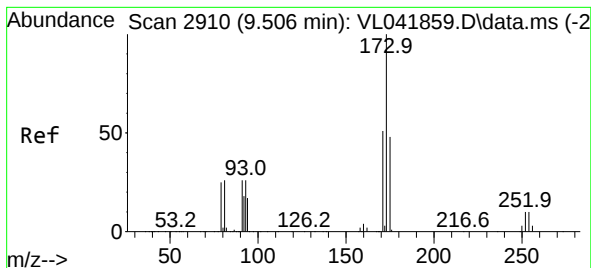
Tgt Ion:129 Resp: 290737

Ion Ratio Lower Upper

129 100

127 78.7 38.7 116.1





#49

Bromoform

Concen: 14.609 ppbv

RT: 9.506 min Scan# 2910

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

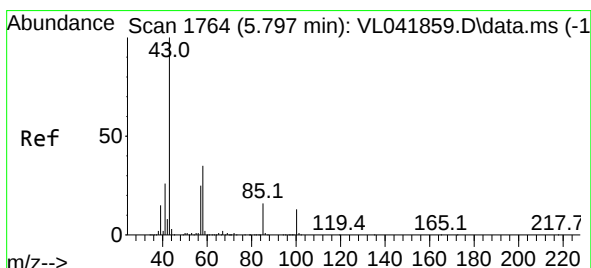
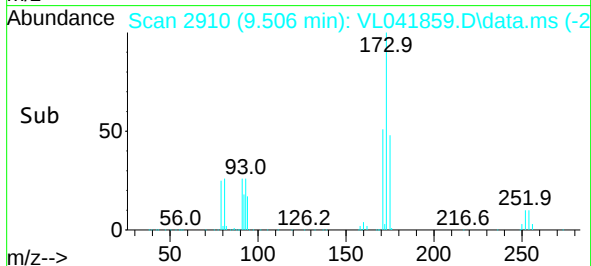
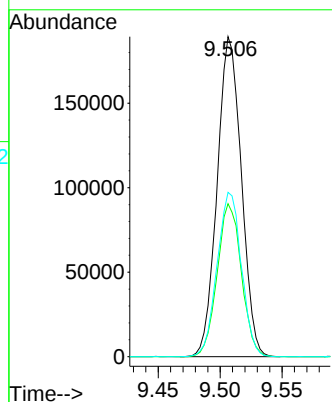
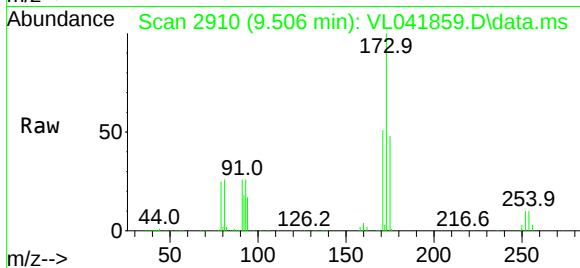
VSTDICCC010

Tgt Ion:173 Resp: 257972
 Ion Ratio Lower Upper
 173 100
 175 47.7 39.5 59.3
 171 51.6 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#50

4-Methyl-2-Pentanone

Concen: 12.169 ppbv

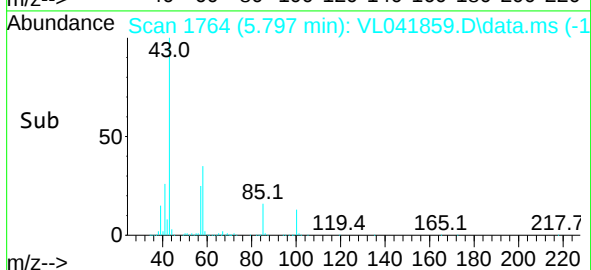
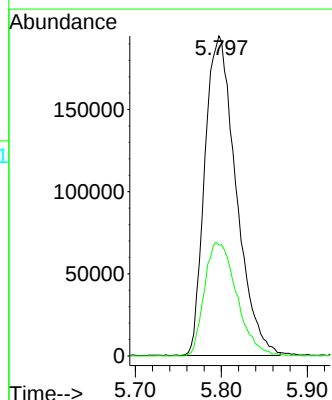
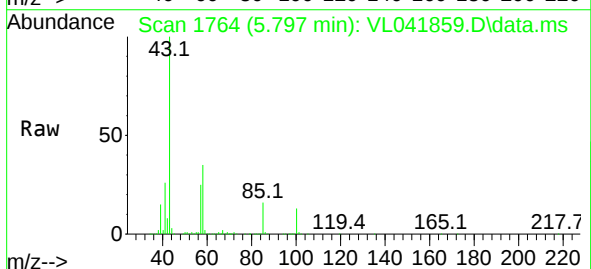
RT: 5.797 min Scan# 1764

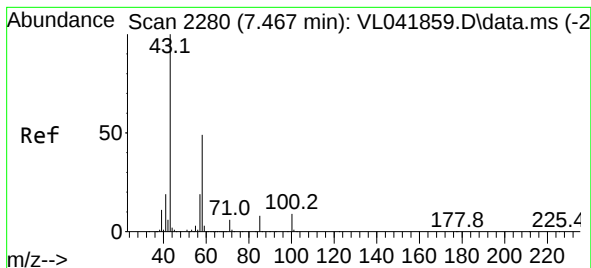
Delta R.T. 0.013 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

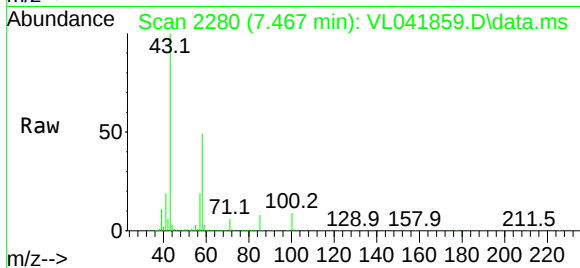
Tgt Ion: 43 Resp: 490478
 Ion Ratio Lower Upper
 43 100
 58 36.8 25.7 38.5





#51
2-Hexanone
Concen: 13.184 ppbv
RT: 7.467 min Scan# 2280
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

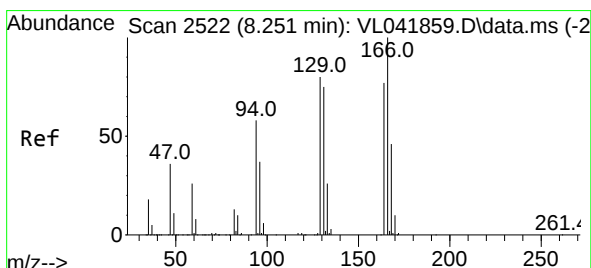
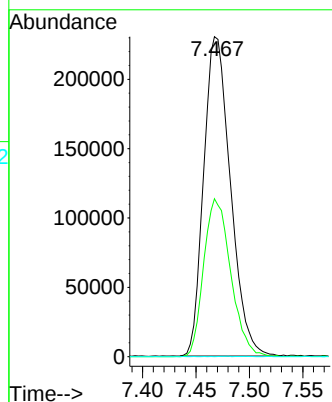
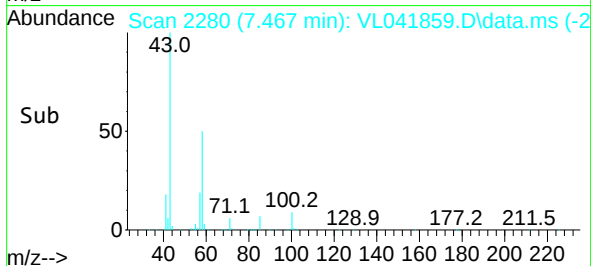
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 402499
Ion Ratio Lower Upper
43 100
58 50.0 33.8 50.8
98 0.1 0.7 1.1

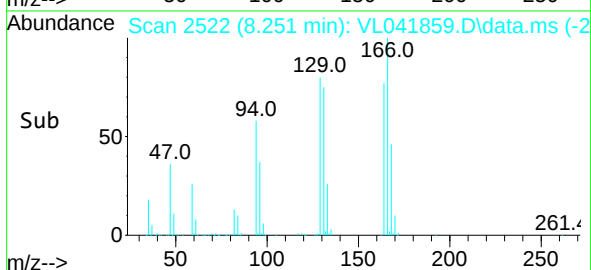
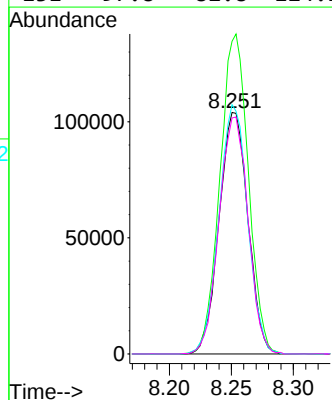
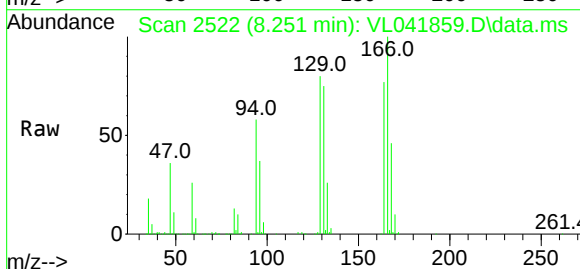
Manual Integrations
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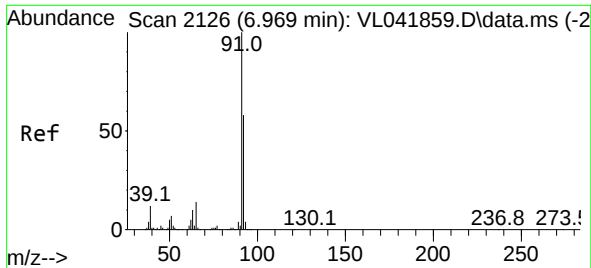
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#52
Tetrachloroethene
Concen: 13.435 ppbv
RT: 8.251 min Scan# 2522
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

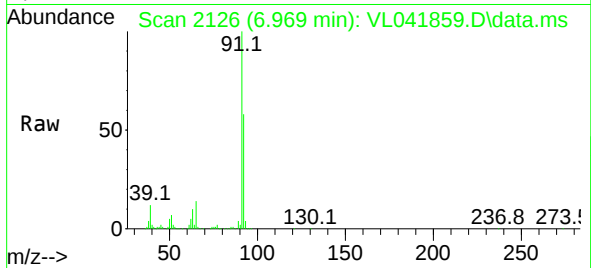
Tgt Ion:164 Resp: 168568
Ion Ratio Lower Upper
164 100
166 129.5 100.4 150.6
129 103.2 85.9 128.9
131 97.8 82.8 124.2





#53
Toluene
Concen: 15.242 ppbv
RT: 6.969 min Scan# 2126
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

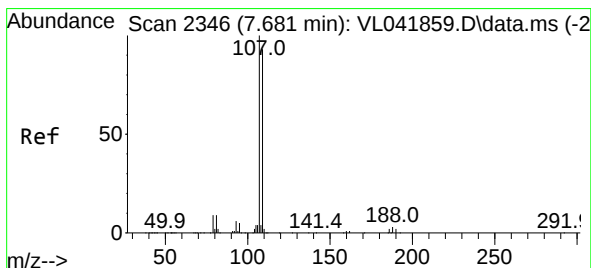
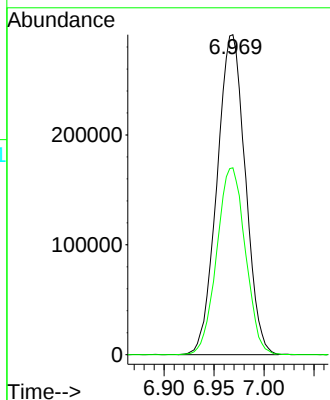
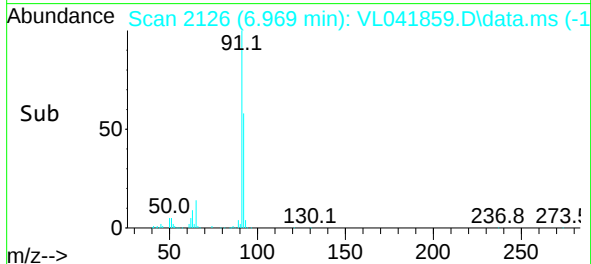
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



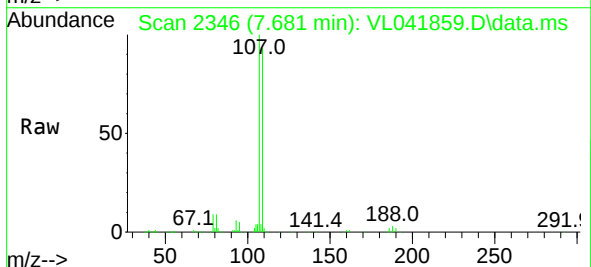
Tgt Ion: 91 Resp: 574578
Ion Ratio Lower Upper
91 100
92 59.0 47.8 71.6

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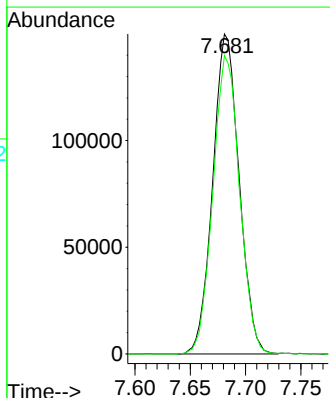
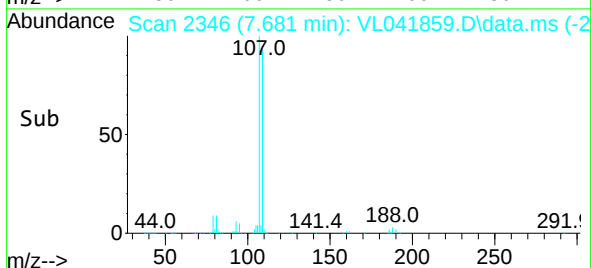
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

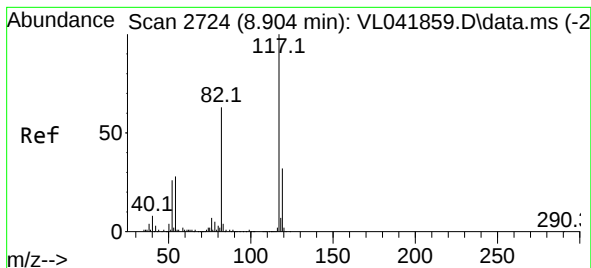


#54
1,2-Dibromoethane
Concen: 11.739 ppbv
RT: 7.681 min Scan# 2346
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



Tgt Ion:107 Resp: 248821
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 2724

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 410499

Ion Ratio Lower Upper

117 100

82 68.1 59.1 88.7

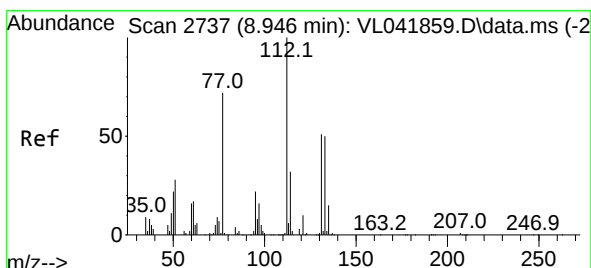
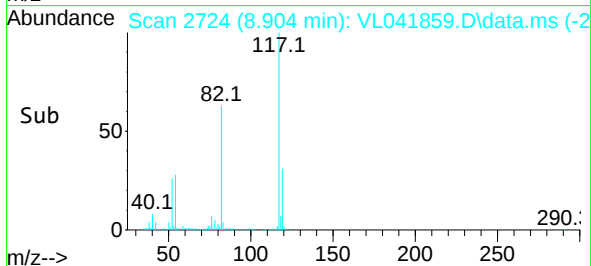
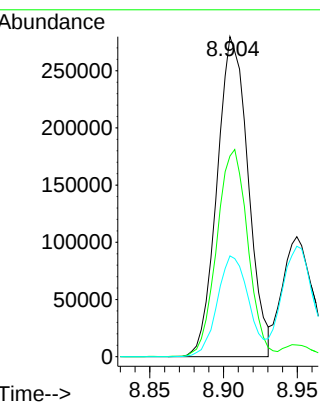
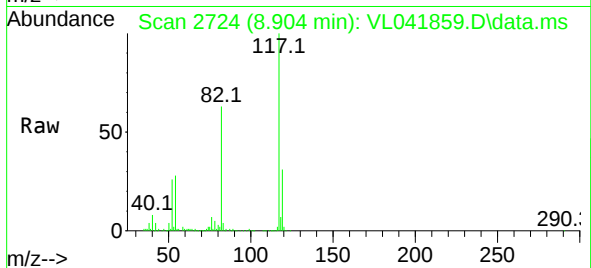
119 30.8 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 9.592 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

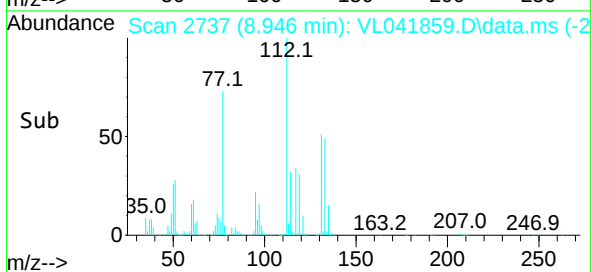
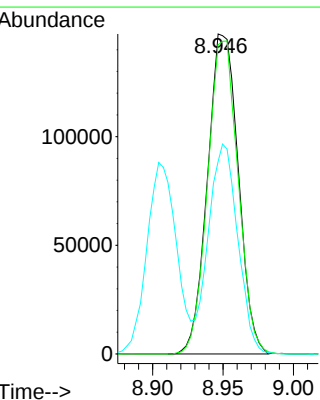
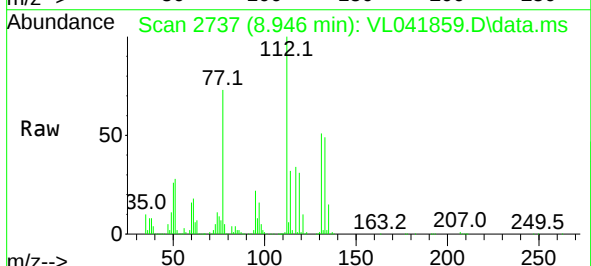
Tgt Ion:131 Resp: 224424

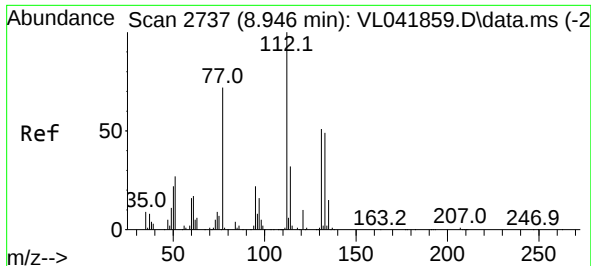
Ion Ratio Lower Upper

131 100

133 96.8 77.3 115.9

119 61.7 50.6 76.0





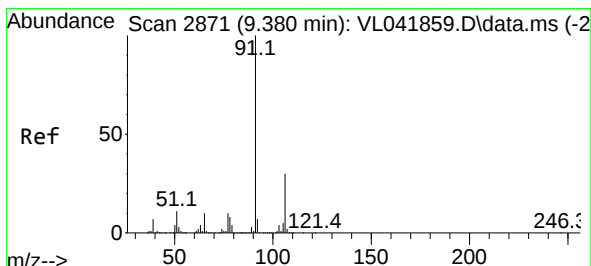
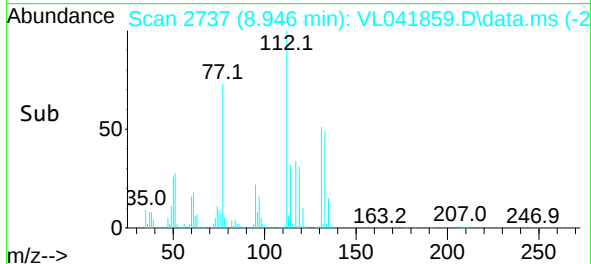
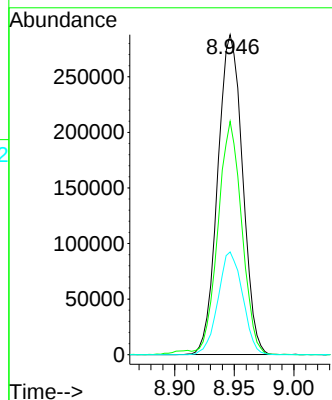
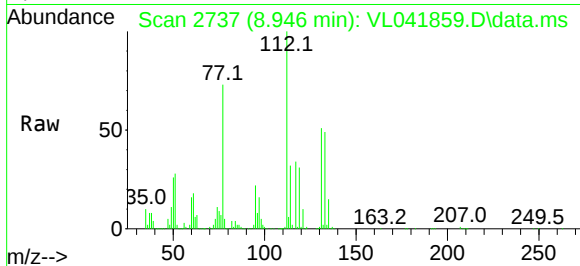
#57
Chlorobenzene
Concen: 9.725 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 112 Resp: 417085
Ion Ratio Lower Upper
112 100
77 72.9 55.1 82.7
114 32.1 28.3 34.5

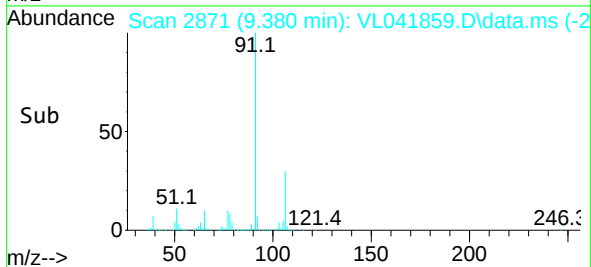
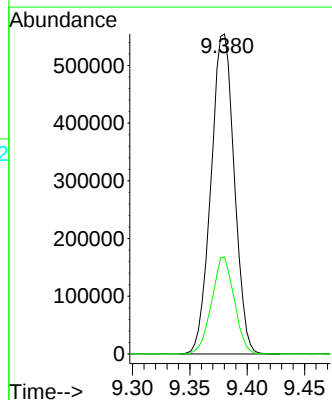
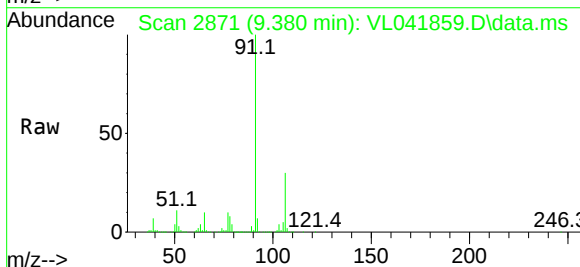
Manual Integrations
APPROVED

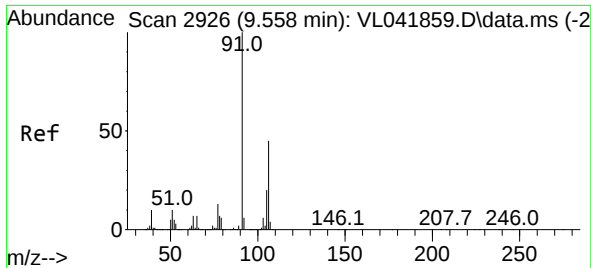
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58
Ethyl Benzene
Concen: 13.992 ppbv
RT: 9.380 min Scan# 2871
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Tgt Ion: 91 Resp: 782806
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8





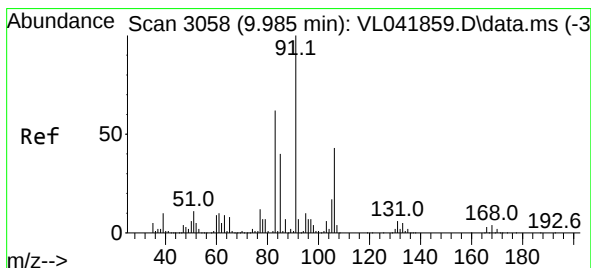
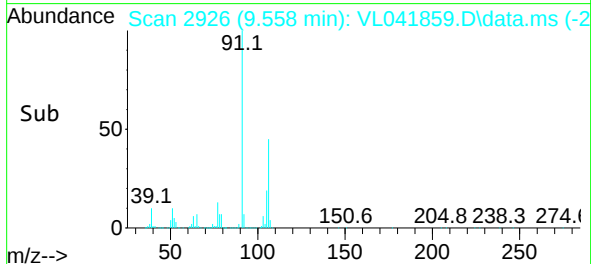
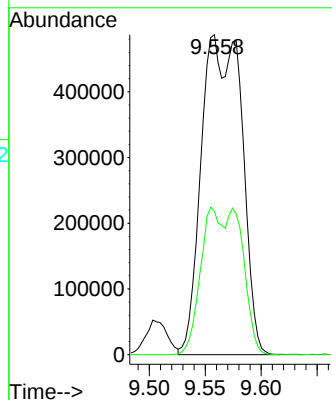
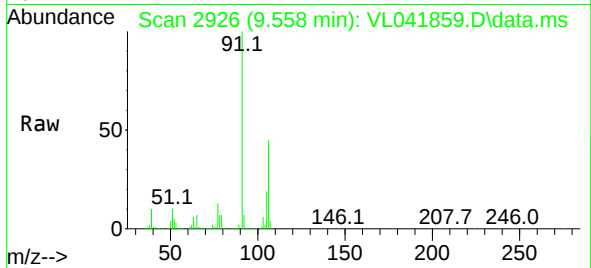
#59
m/p-Xylene
Concen: 24.712 ppbv m
RT: 9.558 min Scan# 2926
Delta R.T. -0.006 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 1220360
Ion Ratio Lower Upper
91 100
106 0.0 36.8 55.2

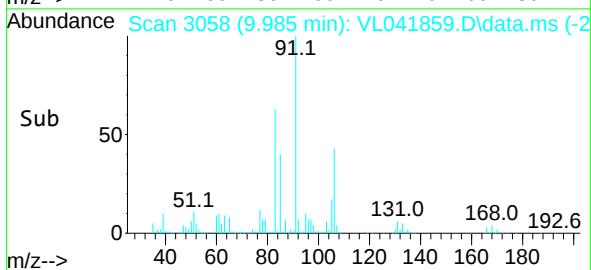
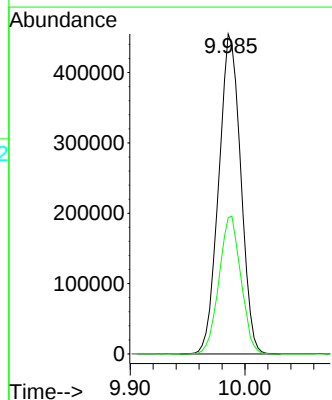
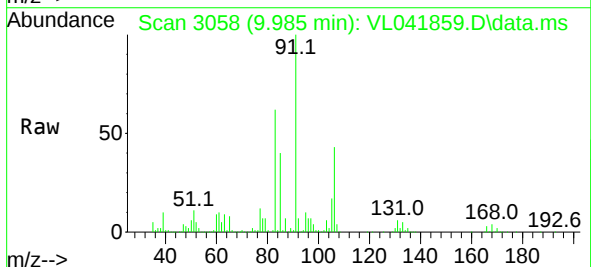
Manual Integrations
APPROVED

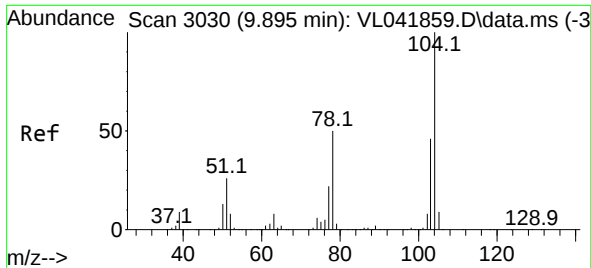
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#60
o-Xylene
Concen: 12.598 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

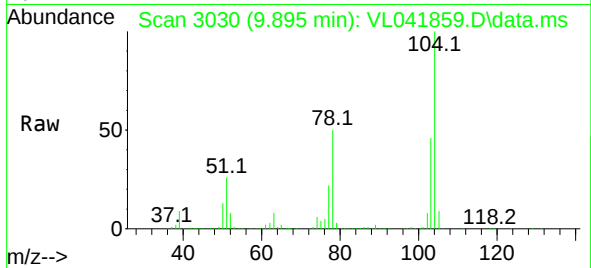
Tgt Ion: 91 Resp: 605176
Ion Ratio Lower Upper
91 100
106 42.9 21.9 65.5





#61
Styrene
Concen: 16.935 ppbv
RT: 9.895 min Scan# 3030
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

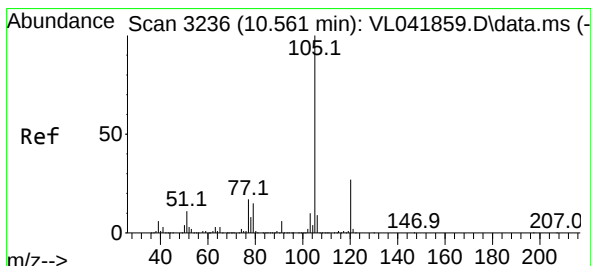
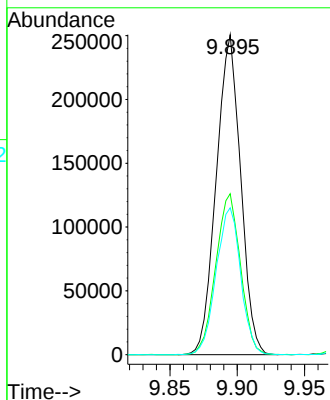
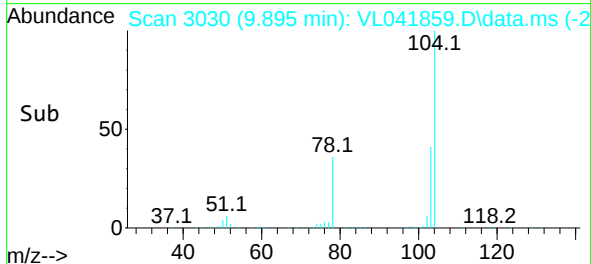
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



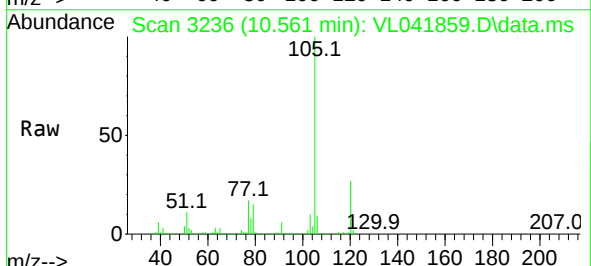
Tgt Ion:104 Resp: 315614
Ion Ratio Lower Upper
104 100
78 50.9 42.8 64.2
103 46.3 37.8 56.6

Manual Integrations
APPROVED

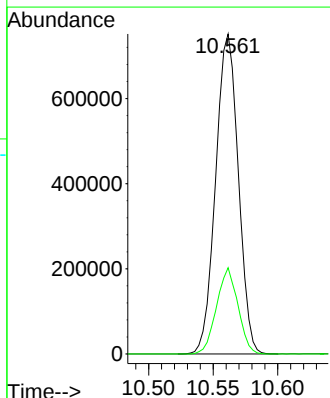
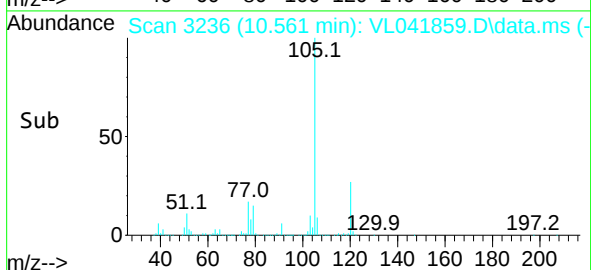
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

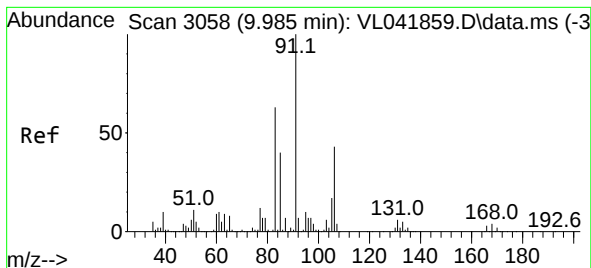


#62
Isopropylbenzene
Concen: 12.133 ppbv
RT: 10.561 min Scan# 3236
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



Tgt Ion:105 Resp: 915687
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 8.601 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 362310

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

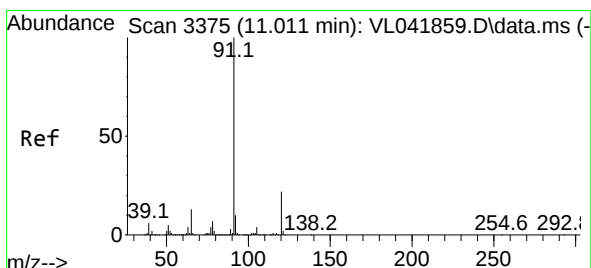
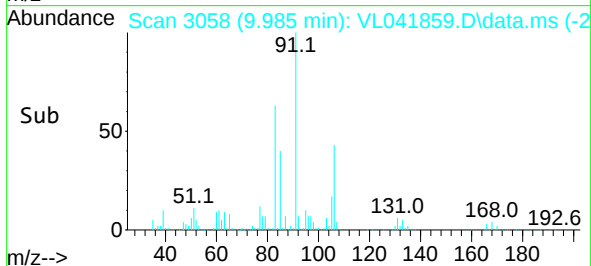
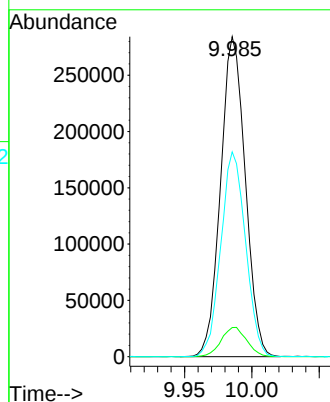
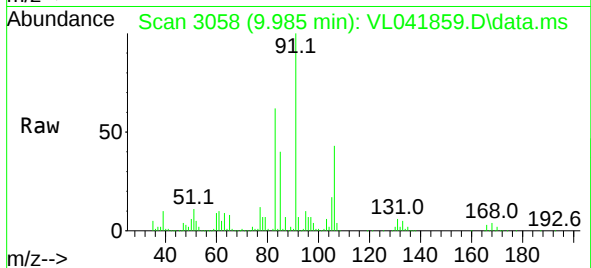
85 64.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#64

n-propylbenzene

Concen: 12.147 ppbv

RT: 11.011 min Scan# 3375

Delta R.T. 0.010 min

Lab File: VL041859.D

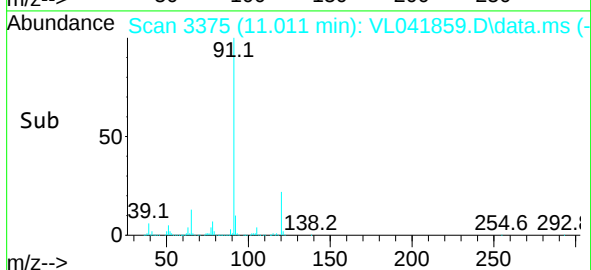
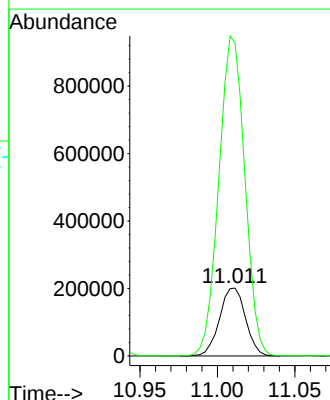
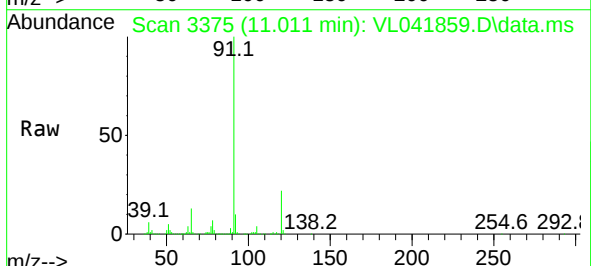
Acq: 09 Jan 2025 11:19

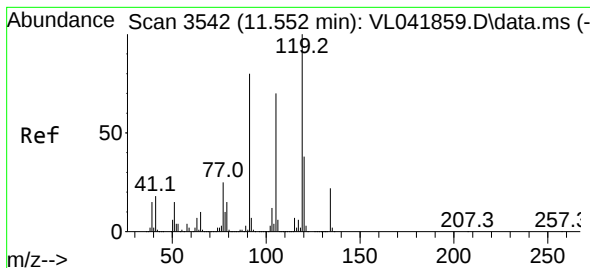
Tgt Ion:120 Resp: 235202

Ion Ratio Lower Upper

120 100

91 471.1 382.1 573.1





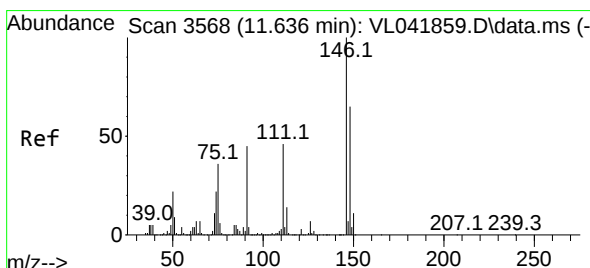
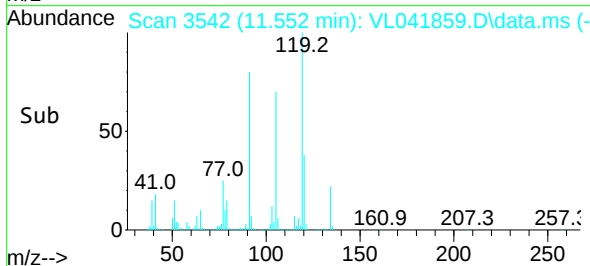
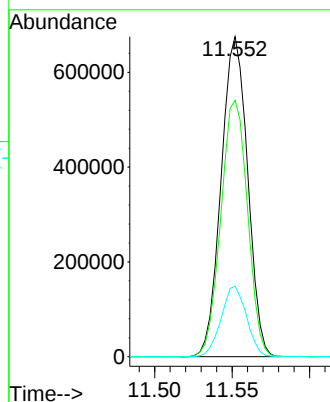
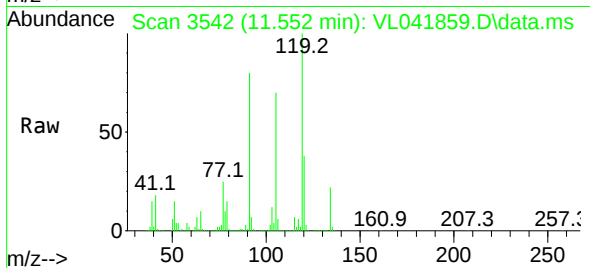
#65
tert-Butylbenzene
Concen: 11.792 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 119 Resp: 80198
Ion Ratio Lower Upper
119 100
91 80.8 68.0 102.0
134 21.1 16.2 24.4

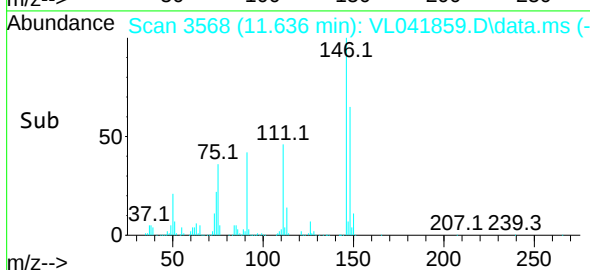
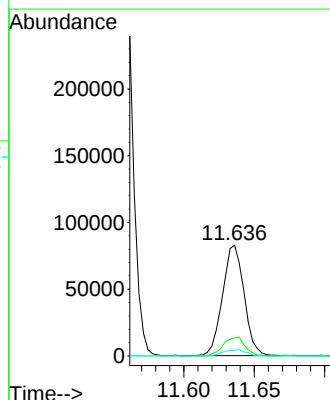
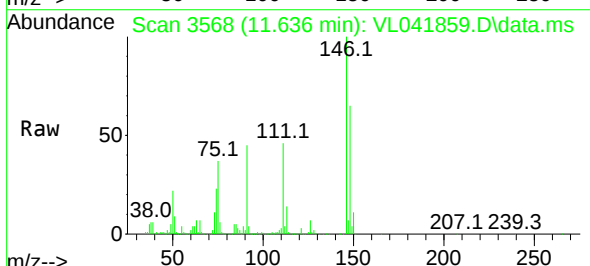
Manual Integrations
APPROVED

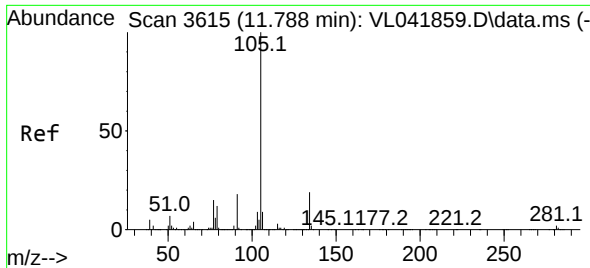
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 15.512 ppbv
RT: 11.636 min Scan# 3568
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

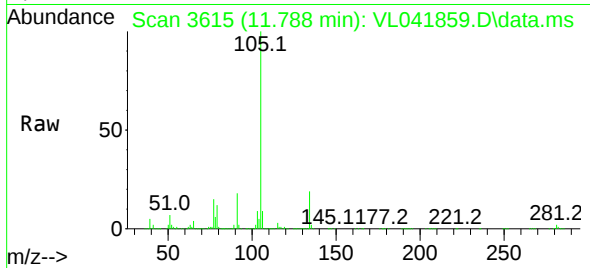
Tgt Ion: 91 Resp: 88168
Ion Ratio Lower Upper
91 100
126 17.4 12.1 18.1
128 6.0 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 11.087 ppbv
 RT: 11.788 min Scan# 3615
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

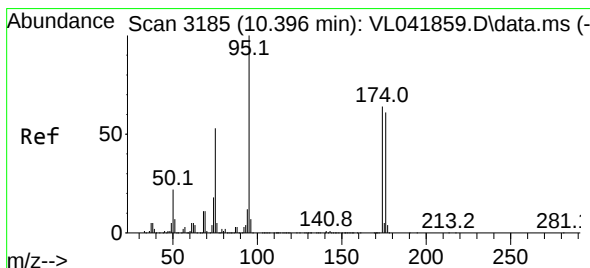
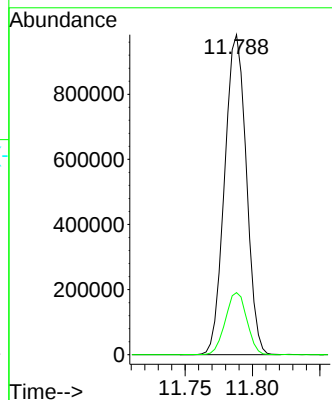
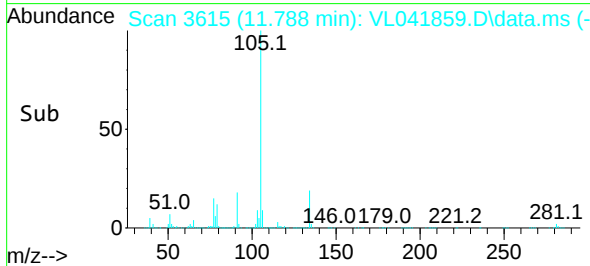
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 1100240
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.6 22.0

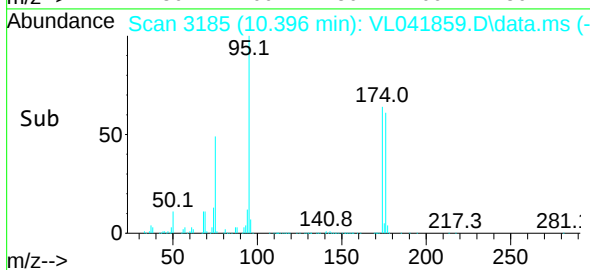
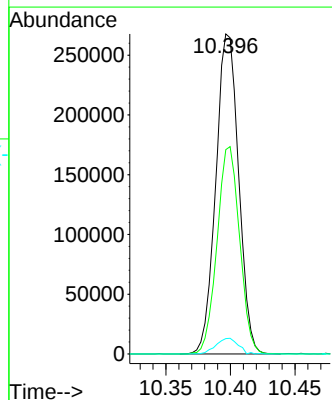
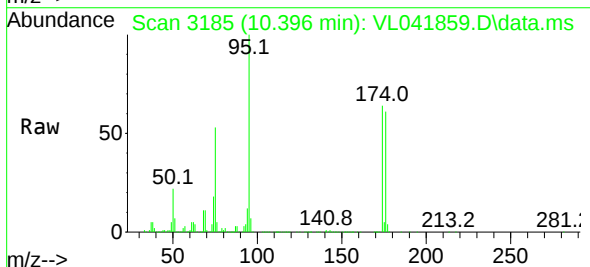
Manual Integrations
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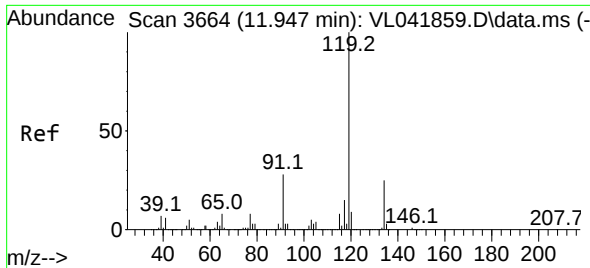
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.353 ppbv
 RT: 10.396 min Scan# 3185
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

Tgt Ion: 95 Resp: 328846
 Ion Ratio Lower Upper
 95 100
 174 63.9 47.6 71.4
 175 4.8 3.8 5.6





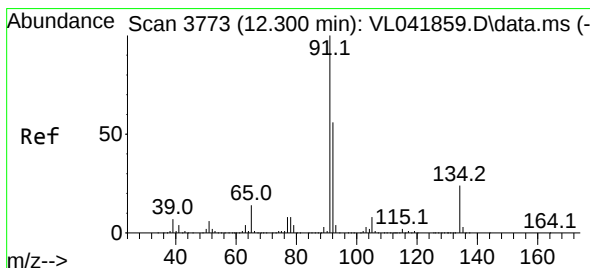
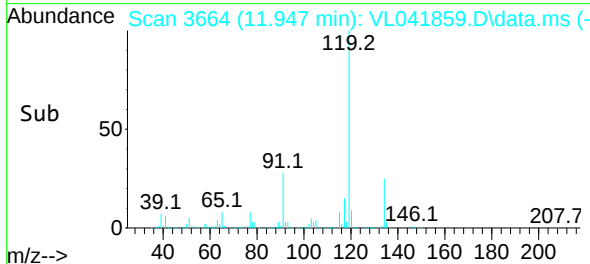
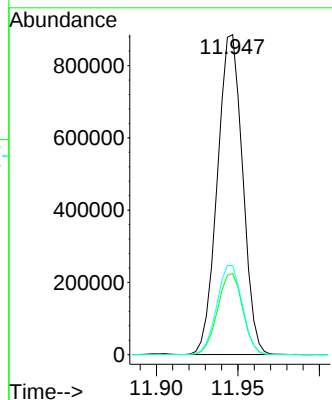
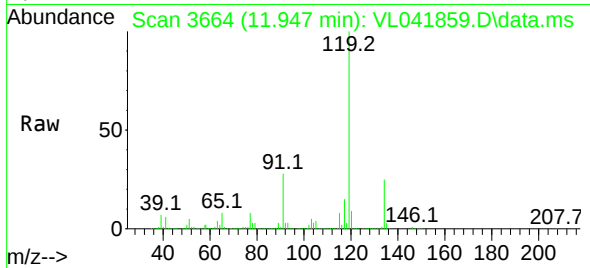
#69
p-Isopropyltoluene
Concen: 12.230 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. 0.010 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 95286
Ion Ratio Lower Upper
119 100
134 25.4 19.4 29.2
91 28.3 24.0 36.0

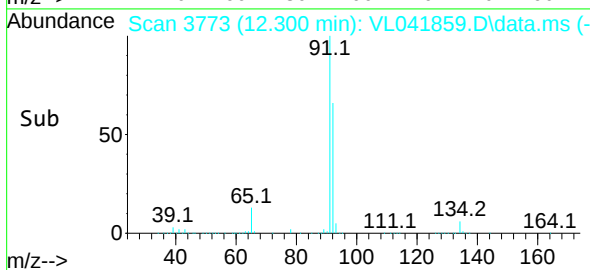
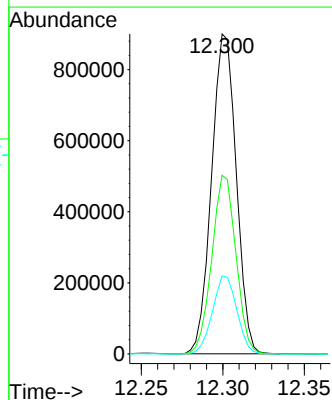
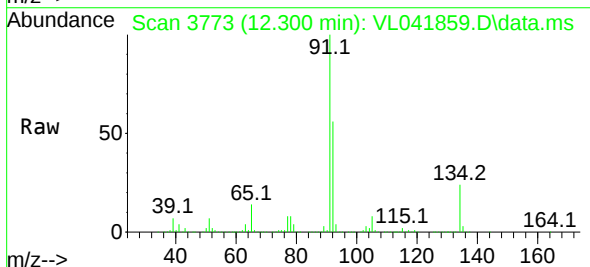
Manual Integrations
APPROVED

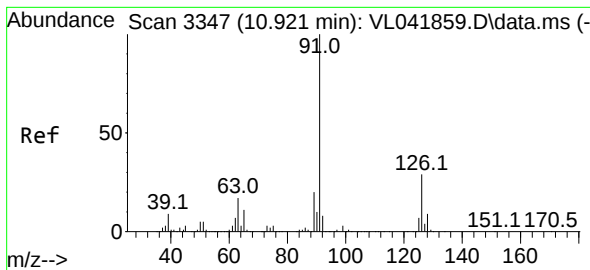
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#70
n-Butylbenzene
Concen: 12.097 ppbv
RT: 12.300 min Scan# 3773
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

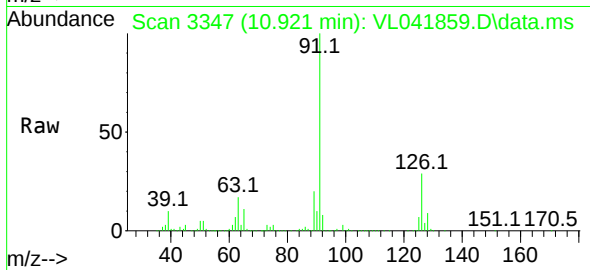
Tgt Ion: 91 Resp: 946867
Ion Ratio Lower Upper
91 100
92 54.8 42.8 64.2
134 24.1 17.8 26.6





#71
2-Chlorotoluene
Concen: 12.787 ppbv
RT: 10.921 min Scan# 3347
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

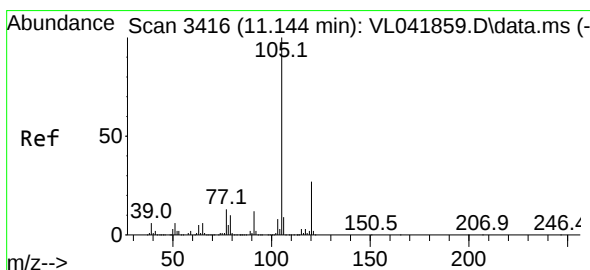
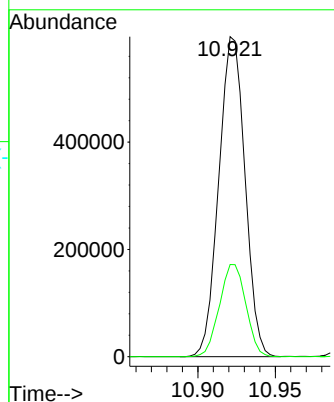
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



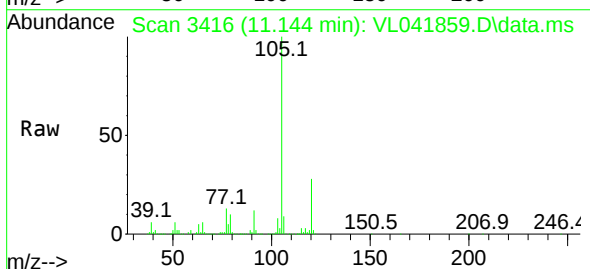
Tgt Ion: 91 Resp: 700520
Ion Ratio Lower Upper
91 100
126 29.1 11.6 46.6

Manual Integrations
APPROVED

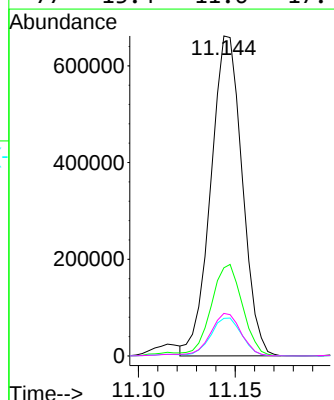
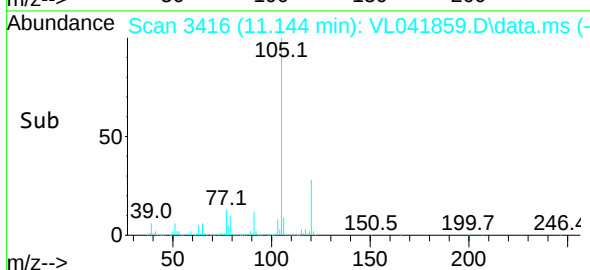
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

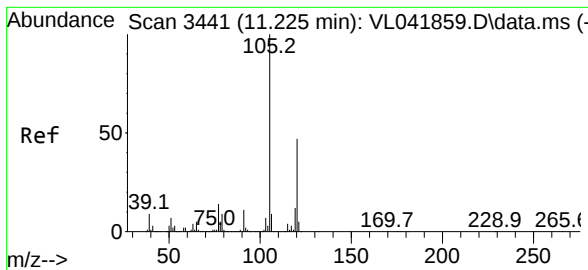


#72
4-Ethyltoluene
Concen: 12.837 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19



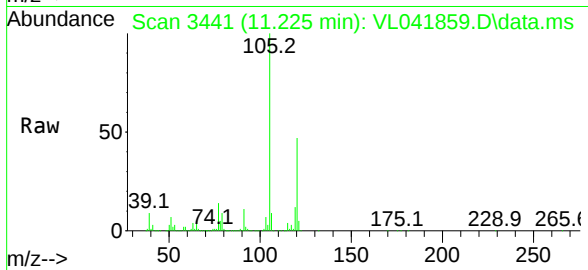
Tgt Ion:105 Resp: 745709
Ion Ratio Lower Upper
105 100
120 29.4 23.4 35.2
91 12.3 10.8 16.2
77 13.4 11.6 17.4





#73
 1,3,5-Trimethylbenzene
 Concen: 12.361 ppbv
 RT: 11.225 min Scan# 3441
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

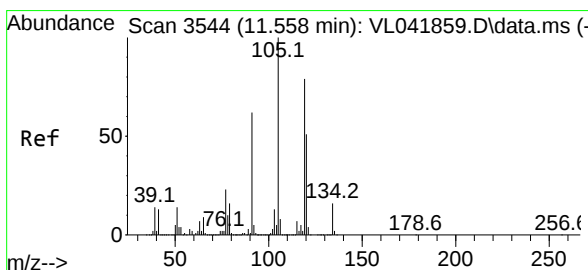
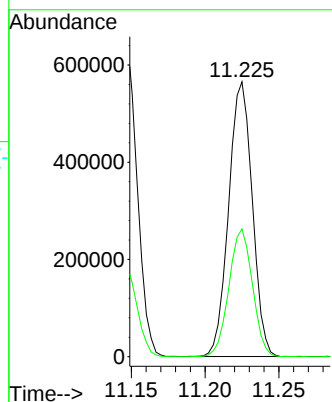
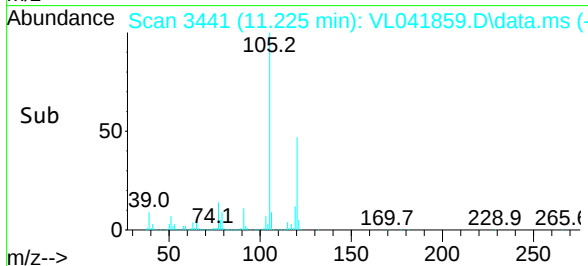
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



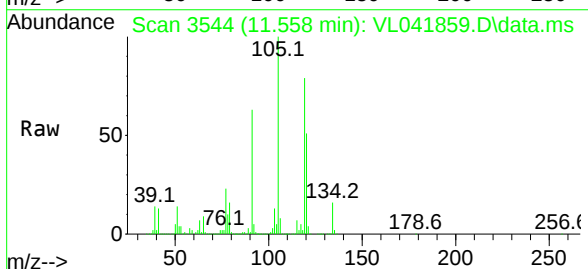
Tgt Ion:105 Resp: 62892
 Ion Ratio Lower Upper
 105 100
 120 46.5 35.9 53.9

Manual Integrations
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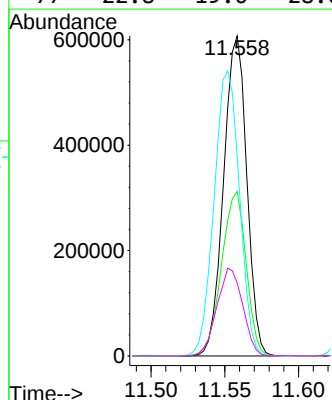
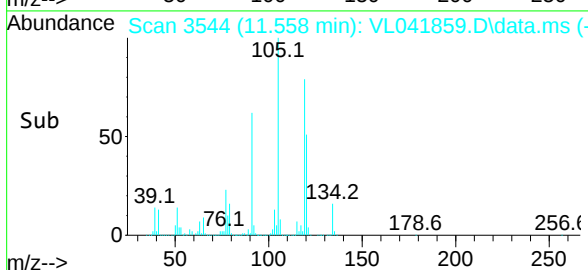
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

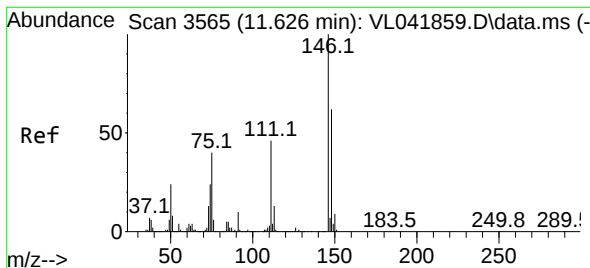


#74
 1,2,4-Trimethylbenzene
 Concen: 11.261 ppbv
 RT: 11.558 min Scan# 3544
 Delta R.T. 0.007 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19



Tgt Ion:105 Resp: 663696
 Ion Ratio Lower Upper
 105 100
 120 51.4 37.4 56.0
 91 62.5 47.4 71.2
 77 22.8 19.0 28.6





#75

1,3-Dichlorobenzene

Concen: 10.056 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 396672

Ion Ratio Lower Upper

146 100

111 46.3 24.1 72.2

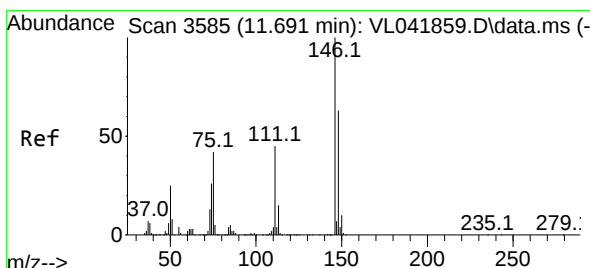
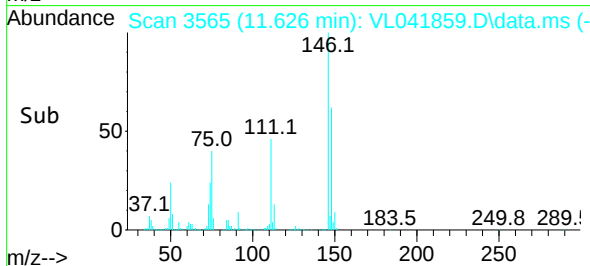
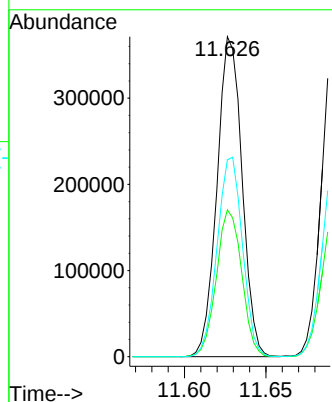
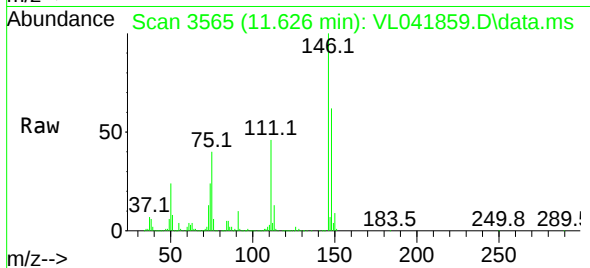
148 63.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#76

1,4-Dichlorobenzene

Concen: 10.448 ppbv

RT: 11.691 min Scan# 3585

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

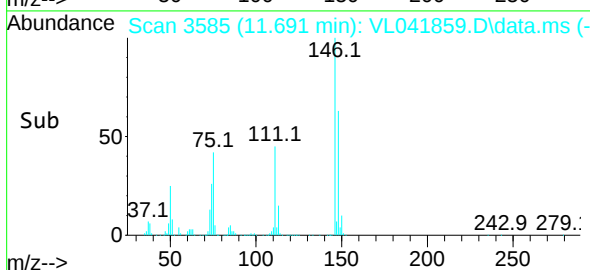
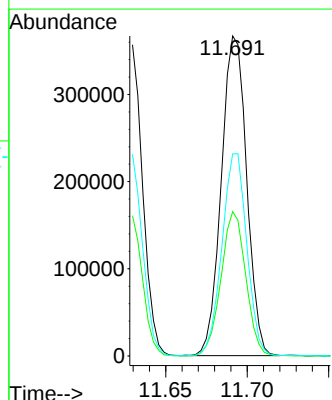
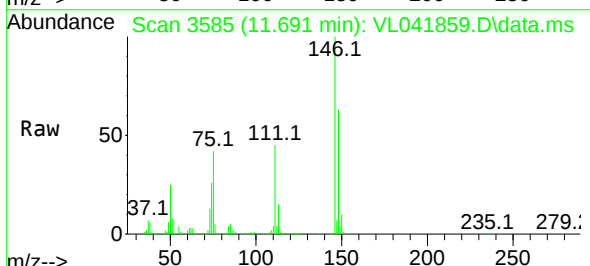
Tgt Ion:146 Resp: 396593

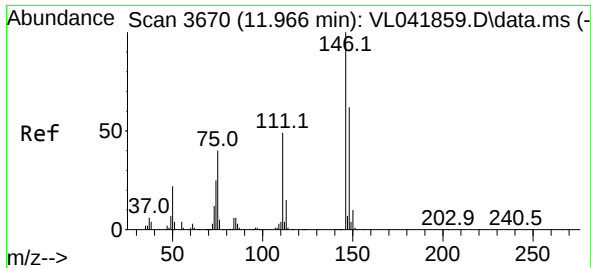
Ion Ratio Lower Upper

146 100

111 44.1 23.2 69.6

148 62.4 32.1 96.3





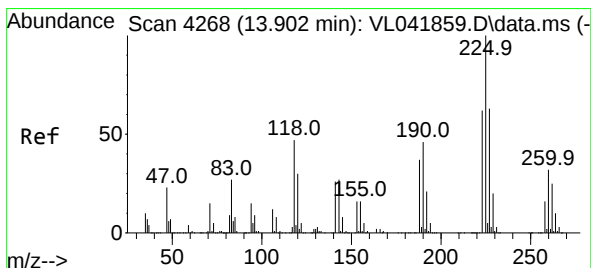
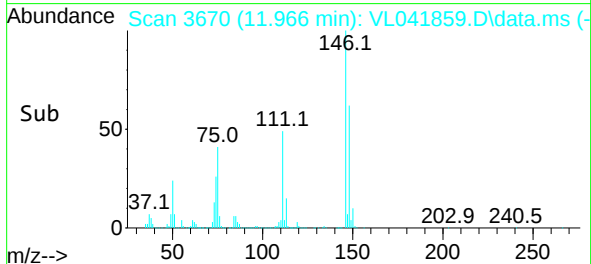
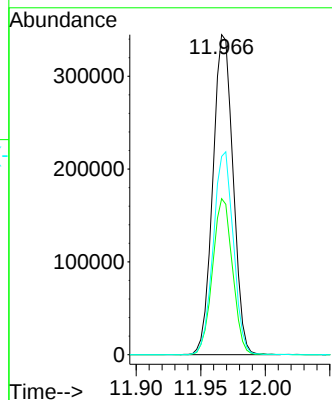
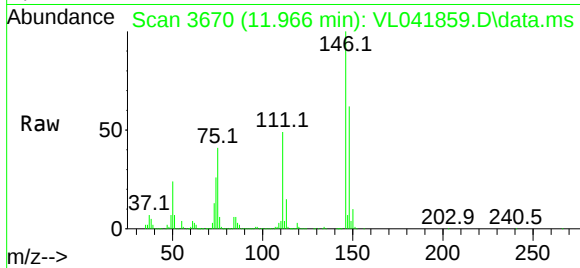
#77
1,2-Dichlorobenzene
Concen: 9.138 ppbv
RT: 11.966 min Scan# 3670
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 37562
Ion Ratio Lower Upper
146 100
111 48.2 24.7 74.1
148 63.0 31.5 94.5

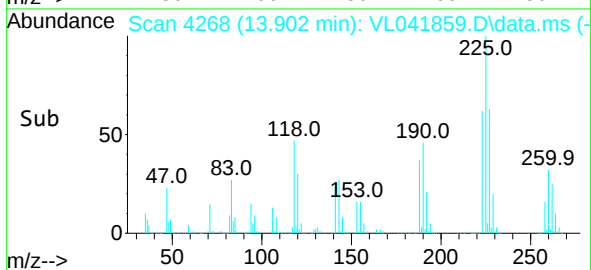
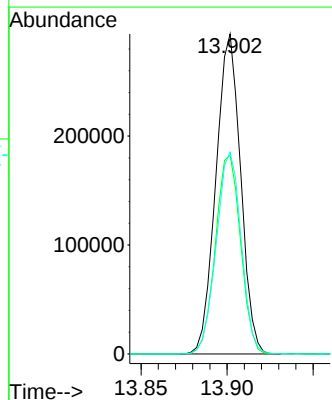
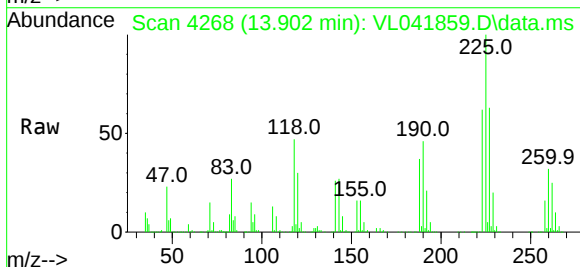
Manual Integrations
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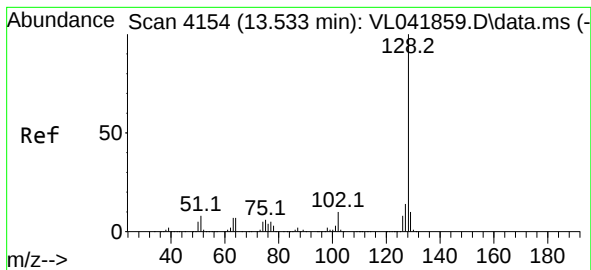
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#78
Hexachloro-1,3-Butadiene
Concen: 10.050 ppbv
RT: 13.902 min Scan# 4268
Delta R.T. 0.007 min
Lab File: VL041859.D
Acq: 09 Jan 2025 11:19

Tgt Ion:225 Resp: 293286
Ion Ratio Lower Upper
225 100
223 63.2 50.4 75.6
227 63.6 51.2 76.8





#79

Naphthalene

Concen: 14.936 ppbv

RT: 13.533 min Scan# 4154

Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

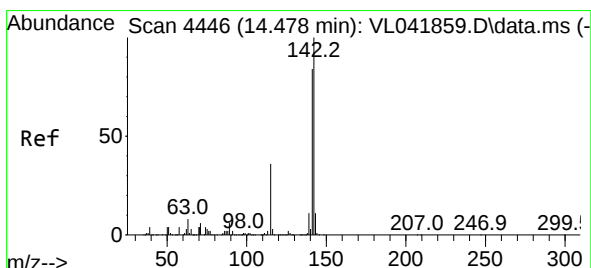
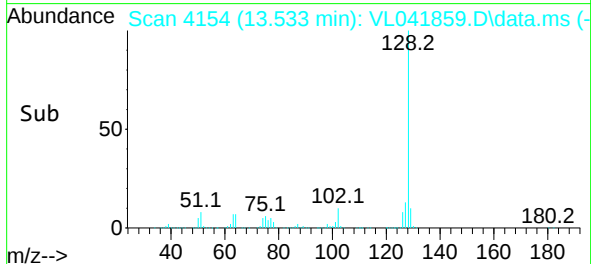
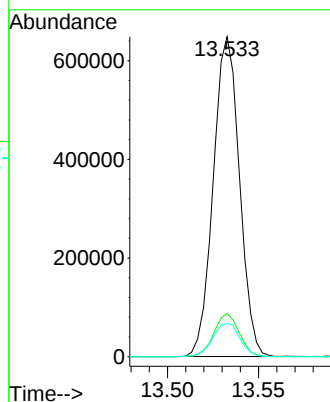
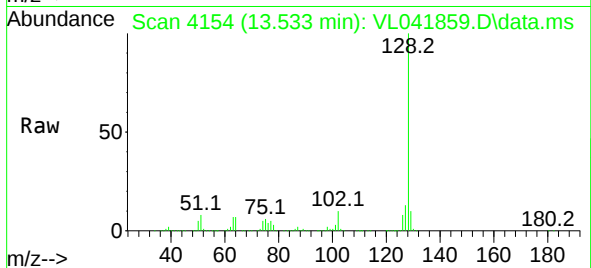
VSTDICCC010

Tgt Ion:	128	Resp:	64844
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#80

Naphthalene,2-methyl-

Concen: 19.488 ppbv

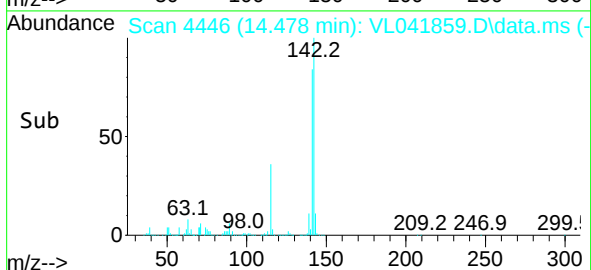
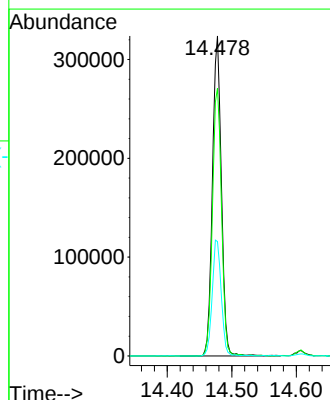
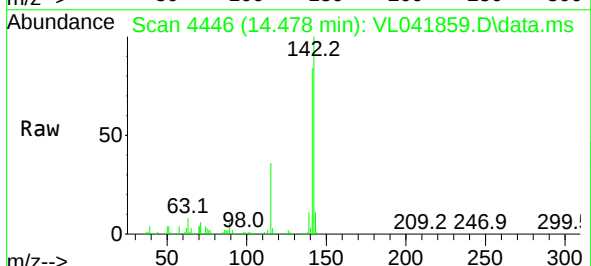
RT: 14.478 min Scan# 4446

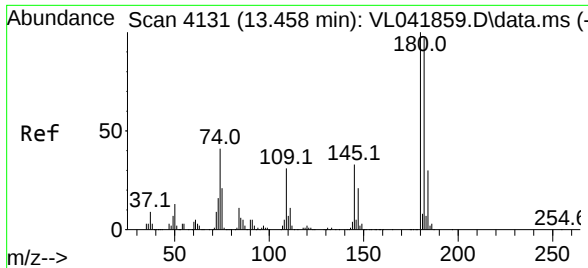
Delta R.T. 0.007 min

Lab File: VL041859.D

Acq: 09 Jan 2025 11:19

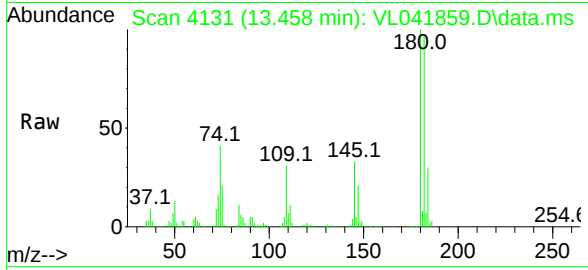
Tgt Ion:	142	Resp:	313133
Ion Ratio	Lower	Upper	
142	100		
141	85.3	67.8	101.6
115	36.8	32.7	49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 13.033 ppbv
 RT: 13.458 min Scan# 4131
 Delta R.T. 0.003 min
 Lab File: VL041859.D
 Acq: 09 Jan 2025 11:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180	Resp:	31360
Ion Ratio	Lower	Upper
180	100	
182	94.8	75.9 113.9
184	30.1	24.8 37.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

