

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042931.D
 Acq On : 17 Sep 2025 11:23
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 02:28:34 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

QLast Update : Thu Sep 18 02:25:28 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	158272	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	413841	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	354619	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 277264 10.003 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	22884	1.012	ppbv	94
3) Chlorodifluoromethane	1.476	51	24279	1.020	ppbv	100
4) Chloromethane	1.534	50	9850	1.084	ppbv	98
5) Vinyl Chloride	1.583	62	7971	0.930	ppbv #	83
6) Bromomethane	1.670	94	2772	0.931	ppbv #	80
7) Chloroethane	1.706	64	3374	1.069	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	18455	1.029	ppbv	96
9) Propene	1.486	41	8924	1.027	ppbv	98
10) Heptane	4.981	43	19516m	0.906	ppbv	
11) Trichlorofluoromethane	1.877	101	23589	1.056	ppbv	90
12) 1,1,2-Trichlorotrifluo...	2.140	101	17971	1.030	ppbv	98
13) Ethanol	1.722	45	926	1.045	ppbv #	50
14) Bromoethene	1.783	108	6547	1.053	ppbv #	96
15) Acetone	1.839	43	21505	1.106	ppbv	95
16) 1,3-Butadiene	1.609	39	8380	1.031	ppbv	93
17) tert-Butyl alcohol	2.042	59	19857	1.061	ppbv	99
18) 1,1-Dichloroethene	2.036	96	7747	1.014	ppbv	95
19) Isopropyl Alcohol	1.887	45	10765	1.033	ppbv #	1
20) Methylene Chloride	2.062	84	9665	1.142	ppbv	95
21) Allyl Chloride	2.097	41	12905	0.979	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	9099	1.051	ppbv	91
23) Vinyl Acetate	2.463	43	20319	0.900	ppbv #	96
24) 1,1-Dichloroethane	2.411	63	17097	1.000	ppbv	98
25) Ethyl Acetate	2.835	43	39603	0.954	ppbv	98
26) Hexane	2.826	57	16236	0.911	ppbv	87
27) Carbon Disulfide	2.152	76	23073	1.050	ppbv #	79
28) Methyl tert-Butyl Ether	2.444	73	9873	1.009	ppbv	91
29) Chloroform	2.848	83	29928	1.028	ppbv	93
30) Cyclohexane	3.861	84	11631m	0.867	ppbv	
31) cis-1,2-Dichloroethene	2.722	61	17192	0.988	ppbv	94
32) 1,1,1-Trichloroethane	3.366	97	26292	0.965	ppbv	99
34) 2-Butanone	2.557	43	25950	0.967	ppbv	99
35) Carbon Tetrachloride	3.761	117	28194	0.958	ppbv	91
36) Benzene	3.654	78	34301	0.950	ppbv	95
37) 1,2-Dichloroethane	3.217	62	21496	0.994	ppbv	100
38) Trichloroethene	4.551	130	14609	0.894	ppbv	98
39) 1,2-Dichloropropane	4.318	63	14533m	0.996	ppbv	
40) 1,4-Dioxane	4.599	88	5054m	0.977	ppbv	
41) Tetrahydrofuran	3.062	42	10997	0.834	ppbv	98
42) Bromodichloromethane	4.493	83	30707	0.990	ppbv	99
43) Methyl Methacrylate	4.887	69	10283m	0.849	ppbv	
44) 2,2,4-Trimethylpentane	4.638	57	53804	0.894	ppbv	92
45) t-1,3-Dichloropropene	6.415	75	11328m	0.889	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042931.D
 Acq On : 17 Sep 2025 11:23
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 02:28:34 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

QLast Update : Thu Sep 18 02:25:28 2025

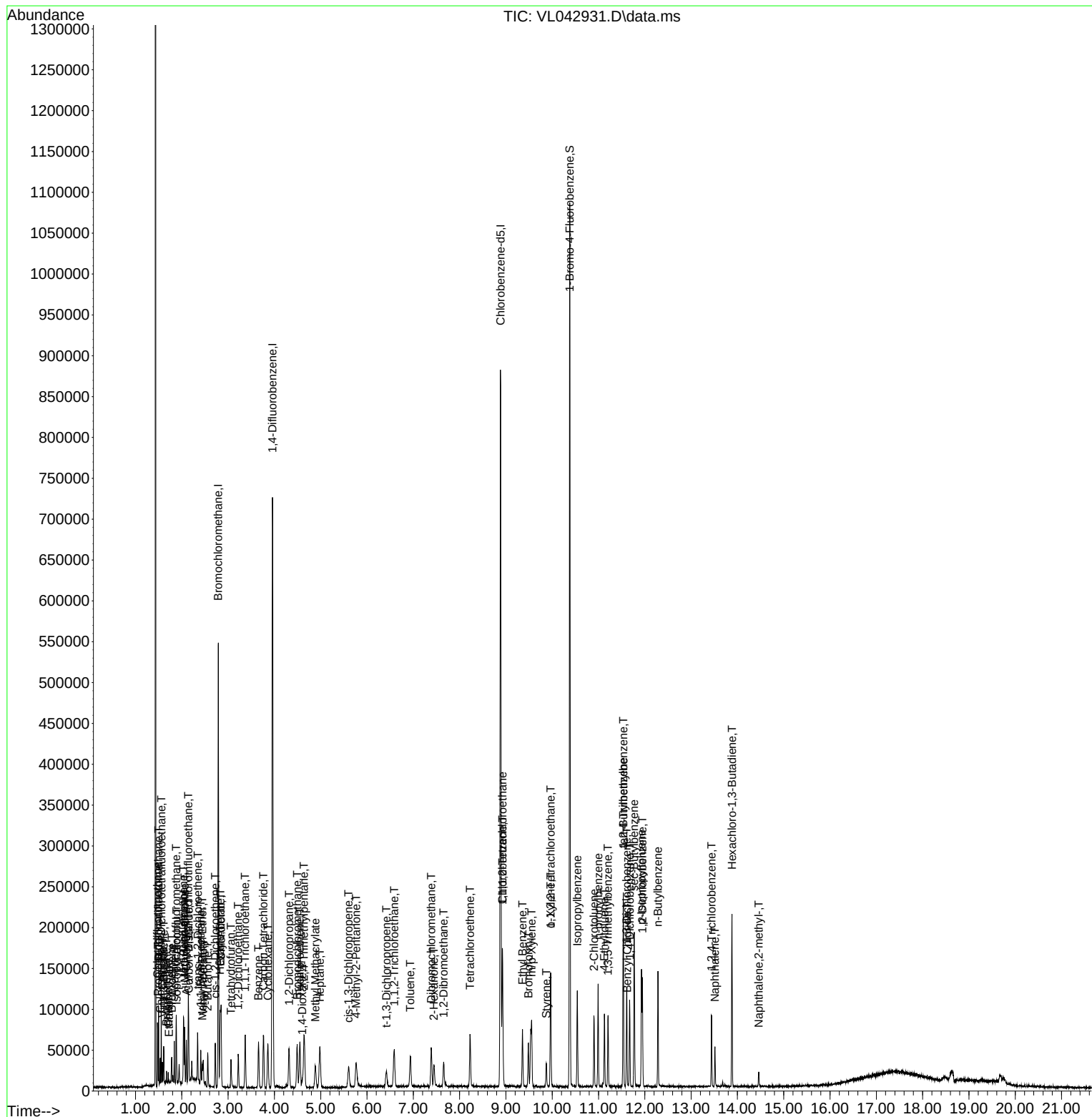
Response via : Initial Calibration

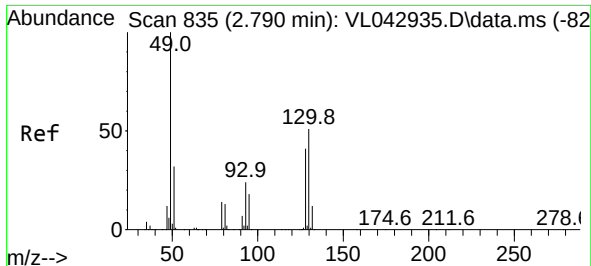
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.599	75	15914m	0.906	ppbv	
47) 1,1,2-Trichloroethane	6.587	97	14628m	0.983	ppbv	
48) Dibromochloromethane	7.386	129	23257	0.998	ppbv	98
49) Bromoform	9.487	173	16990	0.934	ppbv	98
50) 4-Methyl-2-Pentanone	5.765	43	27486m	0.860	ppbv	
51) 2-Hexanone	7.441	43	18604m	0.791	ppbv	
52) Tetrachloroethene	8.224	164	10494	0.935	ppbv	92
53) Toluene	6.933	91	27724m	0.824	ppbv	
54) 1,2-Dibromoethane	7.655	107	18521	0.968	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.927	131	18170	1.006	ppbv #	1
57) Chlorobenzene	8.924	112	31407	0.958	ppbv	95
58) Ethyl Benzene	9.357	91	36048	0.789	ppbv	94
59) m/p-Xylene	9.551	91	62681m	1.623	ppbv	
60) o-Xylene	9.966	91	29945	0.780	ppbv	98
61) Styrene	9.872	104	10595	1.046	ppbv	97
62) Isopropylbenzene	10.542	105	46332	0.829	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	25646	0.925	ppbv	98
64) n-propylbenzene	10.992	120	12151	0.838	ppbv	97
65) tert-Butylbenzene	11.535	119	39439	0.825	ppbv	96
66) Benzyl Chloride	11.616	91	3848	0.867	ppbv	94
67) sec-Butylbenzene	11.769	105	63758	0.877	ppbv	98
69) p-Isopropyltoluene	11.927	119	45477	0.812	ppbv	97
70) n-Butylbenzene	12.283	91	46106	0.899	ppbv	95
71) 2-Chlorotoluene	10.901	91	33505	0.808	ppbv	99
72) 4-Ethyltoluene	11.124	105	34655	0.937	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.202	105	30778	0.810	ppbv	90
74) 1,2,4-Trimethylbenzene	11.535	105	38075	0.853	ppbv	96
75) 1,3-Dichlorobenzene	11.607	146	25315	0.895	ppbv	95
76) 1,4-Dichlorobenzene	11.675	146	23918	0.879	ppbv	97
77) 1,2-Dichlorobenzene	11.947	146	27862	0.976	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	17581	0.964	ppbv	98
79) Naphthalene	13.513	128	21593	0.809	ppbv	95
80) Naphthalene,2-methyl-	14.461	142	5523	1.103	ppbv	94
81) 1,2,4-Trichlorobenzene	13.442	180	12986	0.977	ppbv	96

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

Manual Integrations APPROVED

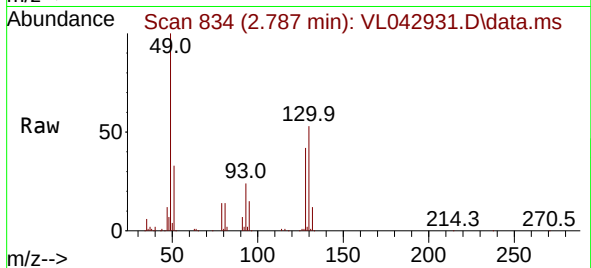
Quant Time: Sep 18 02:28:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Sep 18 02:25:28 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

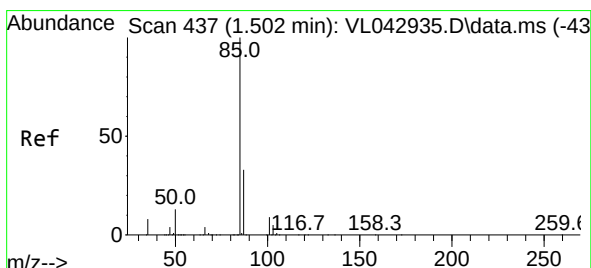
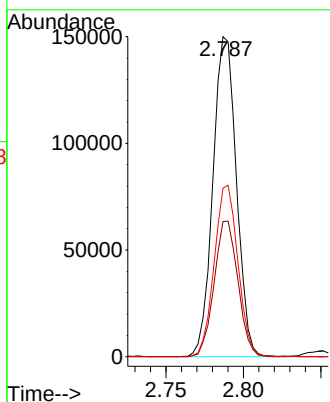
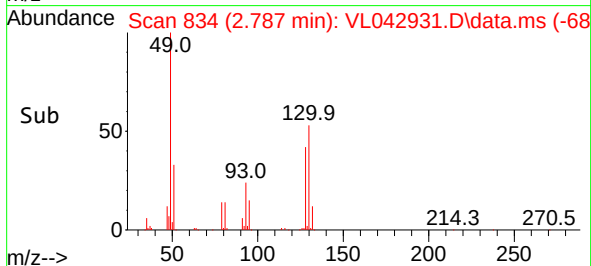
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 49 Resp: 158272
Ion Ratio Lower Upper
49 100
128 42.7 21.1 63.4
130 53.8 26.4 79.2

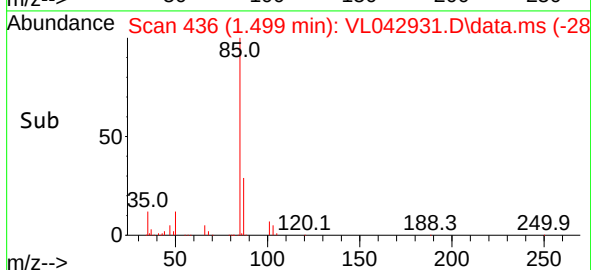
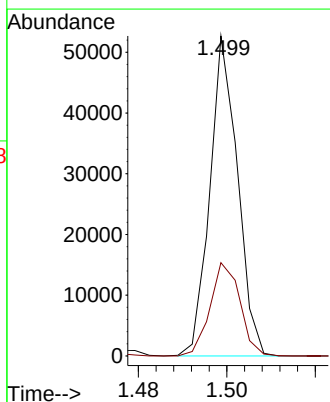
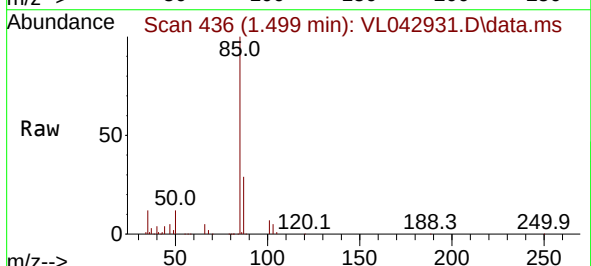
Manual Integrations
APPROVED

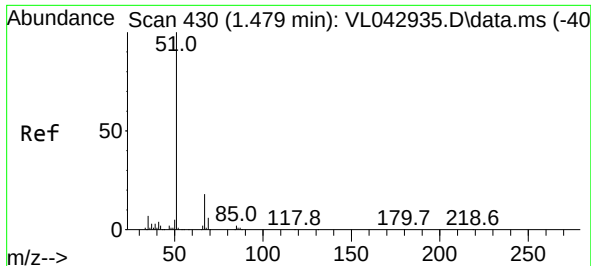
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 1.012 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 85 Resp: 22884
Ion Ratio Lower Upper
85 100
87 29.1 26.1 39.1





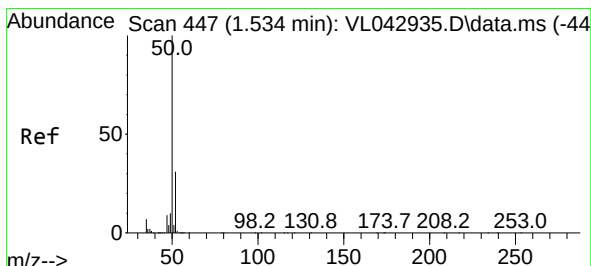
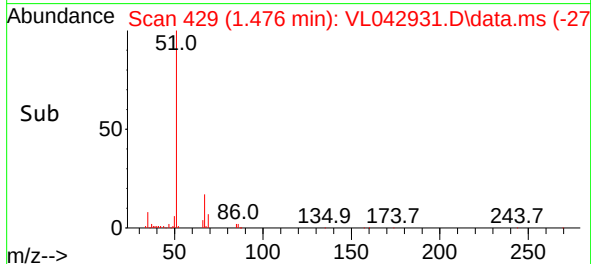
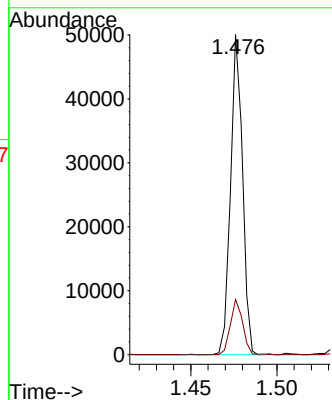
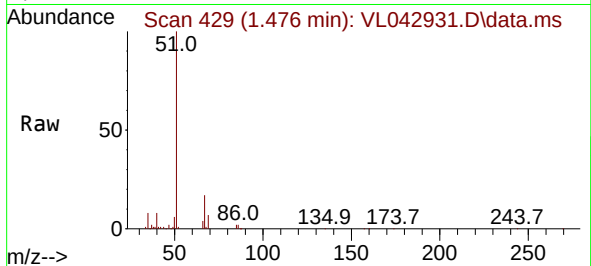
#3
Chlorodifluoromethane
Concen: 1.020 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 24279
Ion Ratio Lower Upper
51 100
67 17.8 14.1 21.1

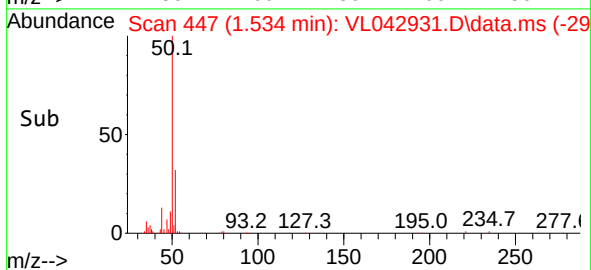
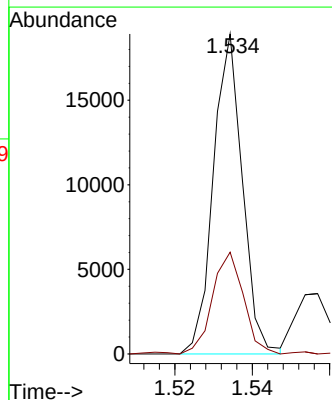
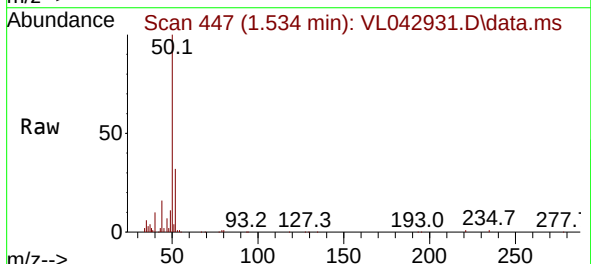
Manual Integrations
APPROVED

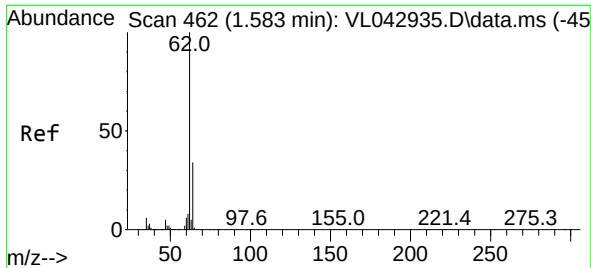
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#4
Chloromethane
Concen: 1.084 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 50 Resp: 9850
Ion Ratio Lower Upper
50 100
52 31.8 24.6 36.8





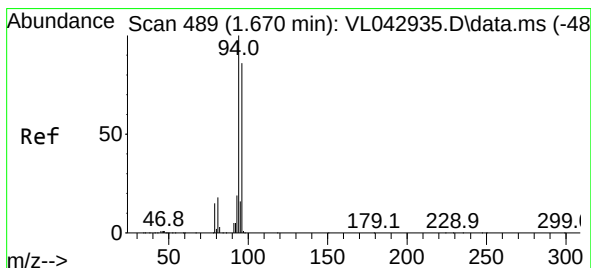
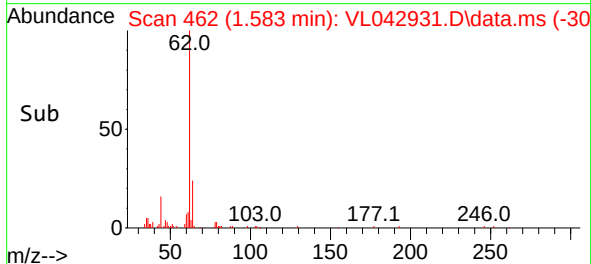
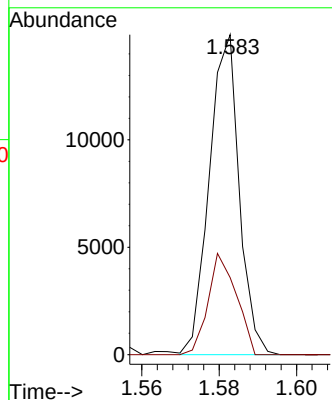
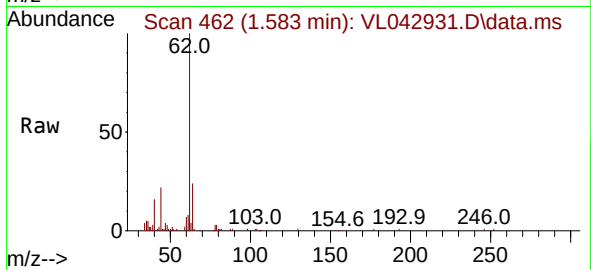
#5
 Vinyl Chloride
 Concen: 0.930 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Tgt Ion: 62 Resp: 7972
 Ion Ratio Lower Upper
 62 100
 64 24.1 27.0 40.6

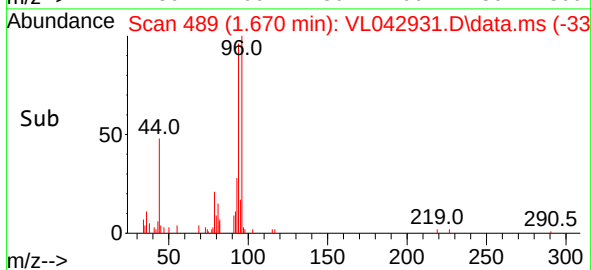
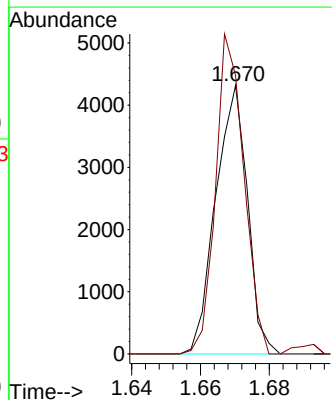
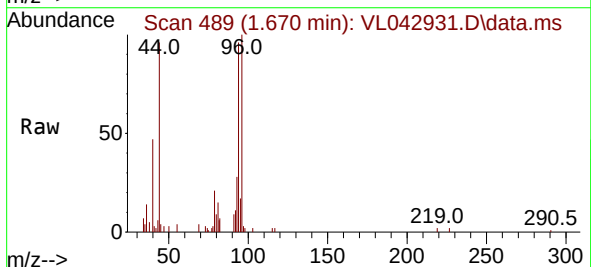
Manual Integrations
 APPROVED

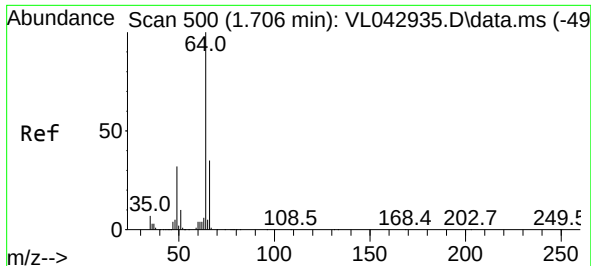
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#6
 Bromomethane
 Concen: 0.931 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

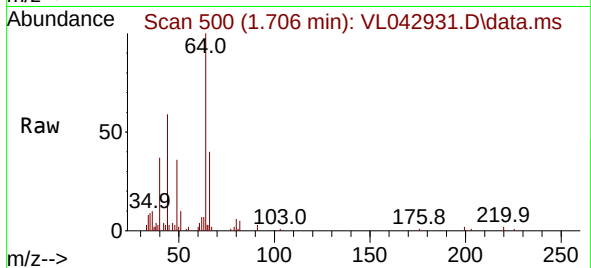
Tgt Ion: 94 Resp: 2772
 Ion Ratio Lower Upper
 94 100
 96 103.8 68.6 103.0





#7
Chloroethane
Concen: 1.069 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

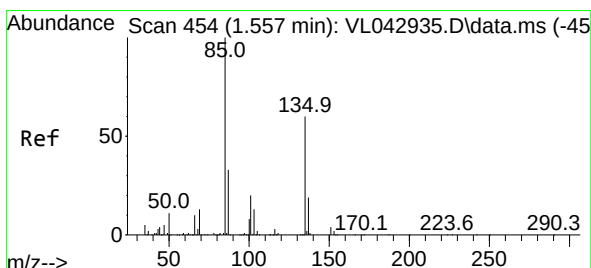
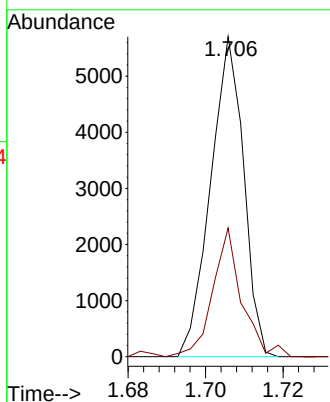
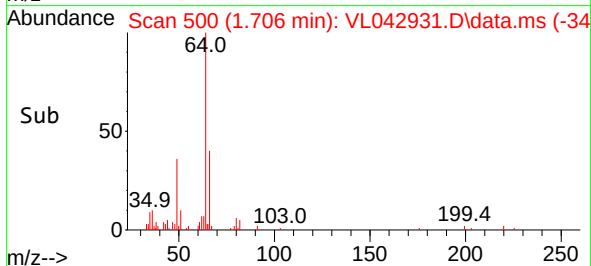
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



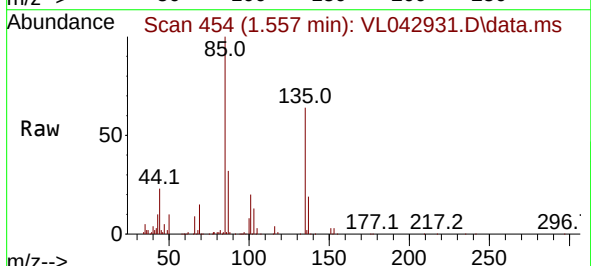
Tgt Ion: 64 Resp: 3374
Ion Ratio Lower Upper
64 100
66 39.1 27.9 41.9

Manual Integrations
APPROVED

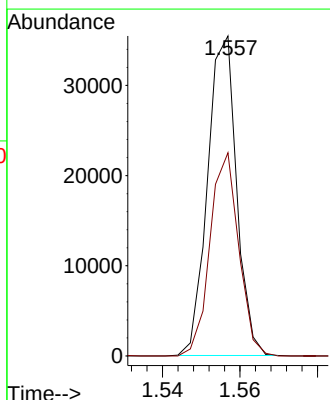
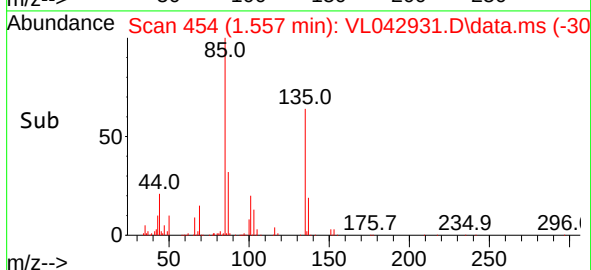
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

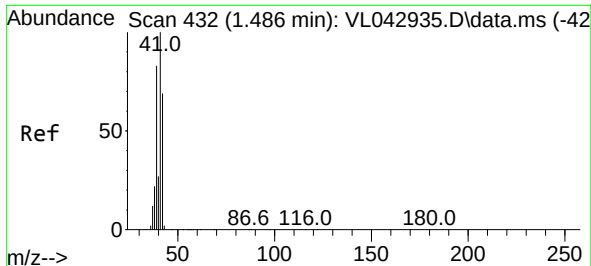


#8
Dichlorotetrafluoroethane
Concen: 1.029 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23



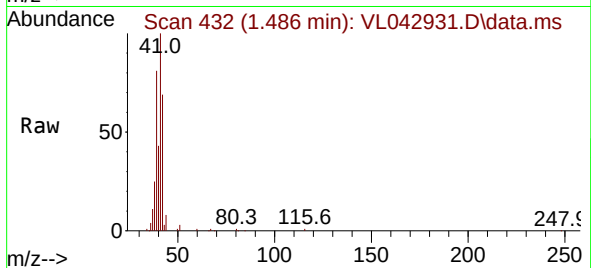
Tgt Ion: 85 Resp: 18455
Ion Ratio Lower Upper
85 100
135 63.0 48.1 72.1





#9
 Propene
 Concen: 1.027 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

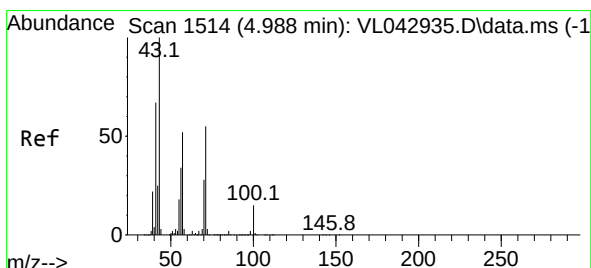
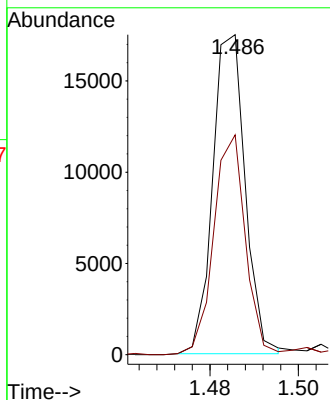
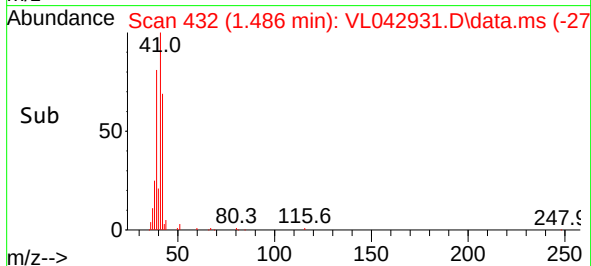
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



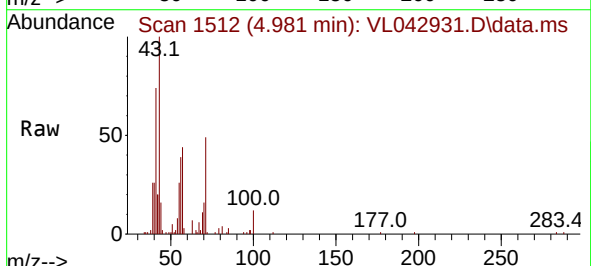
Tgt Ion: 41 Resp: 8924
 Ion Ratio Lower Upper
 41 100
 42 70.0 55.0 82.4

Manual Integrations
 APPROVED

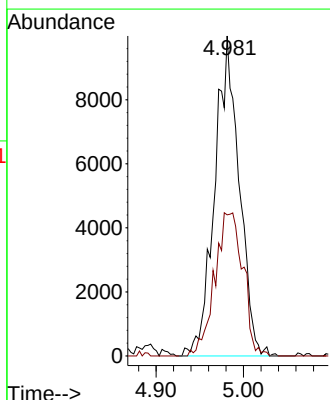
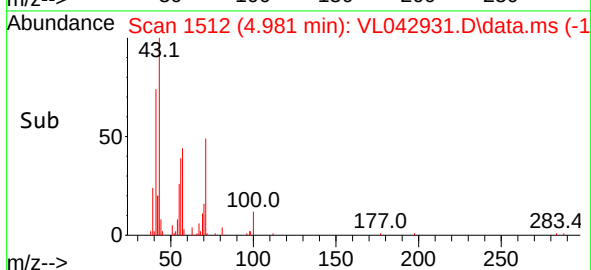
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

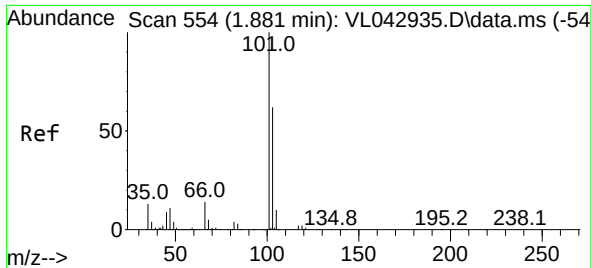


#10
 Heptane
 Concen: 0.906 ppbv m
 RT: 4.981 min Scan# 1512
 Delta R.T. -0.007 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23



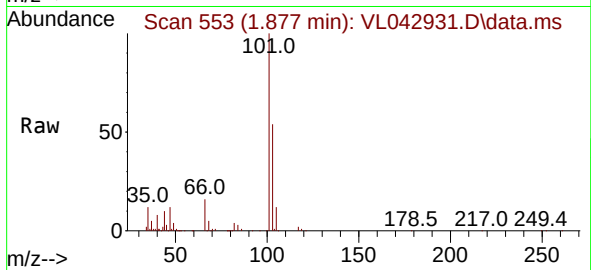
Tgt Ion: 43 Resp: 19516
 Ion Ratio Lower Upper
 43 100
 57 51.4 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 1.056 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

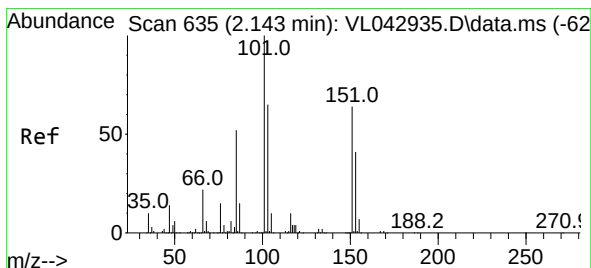
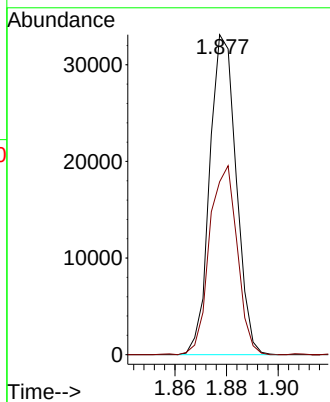
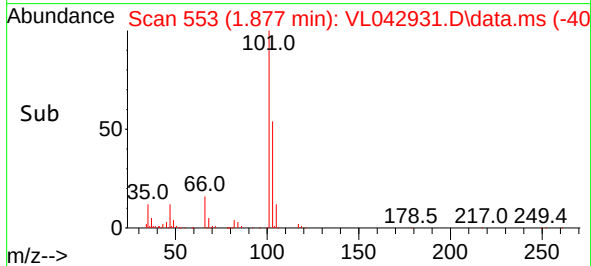
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



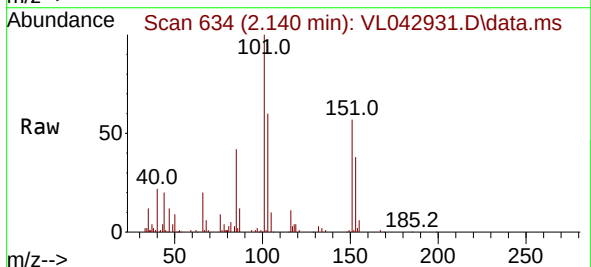
Tgt Ion:101 Resp: 23589
 Ion Ratio Lower Upper
 101 100
 103 54.0 49.6 74.4

Manual Integrations
 APPROVED

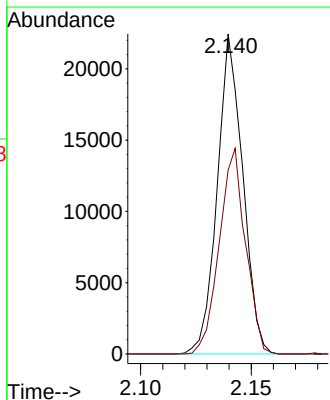
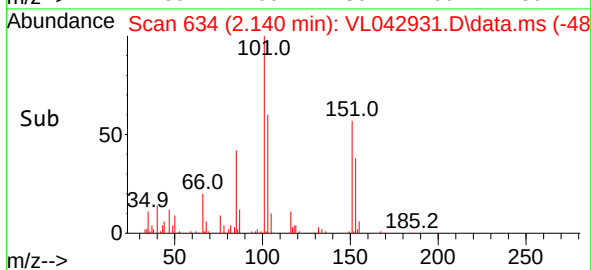
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

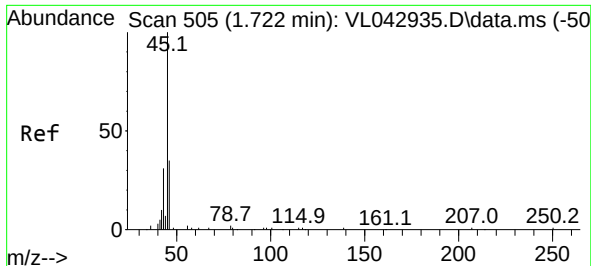


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.030 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23



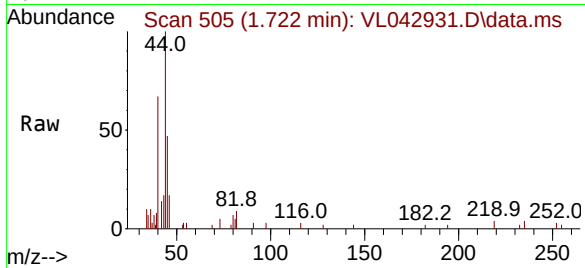
Tgt Ion:101 Resp: 17971
 Ion Ratio Lower Upper
 101 100
 151 66.3 51.9 77.9





#13
Ethanol
Concen: 1.045 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

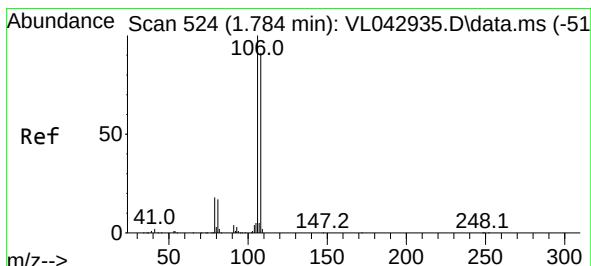
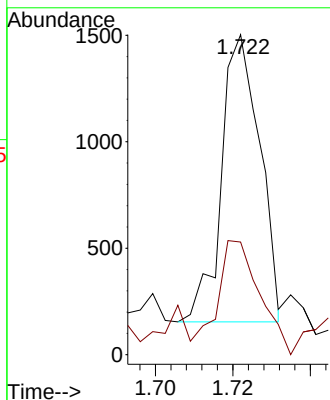
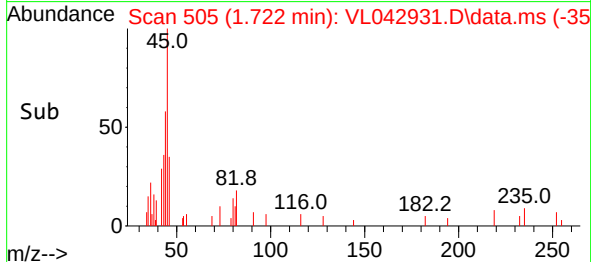
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



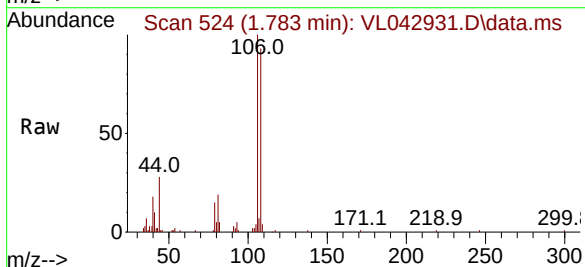
Tgt Ion: 45 Resp: 920
Ion Ratio Lower Upper
45 100
46 72.5 16.5 66.1

Manual Integrations
APPROVED

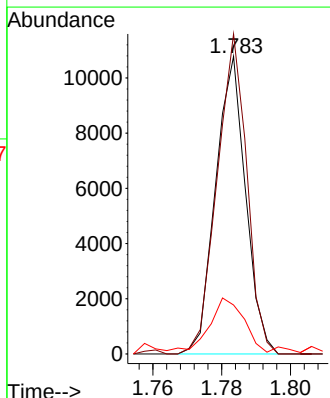
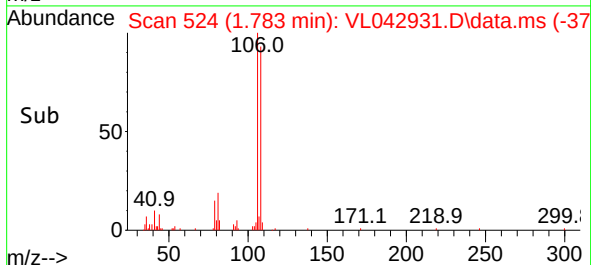
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

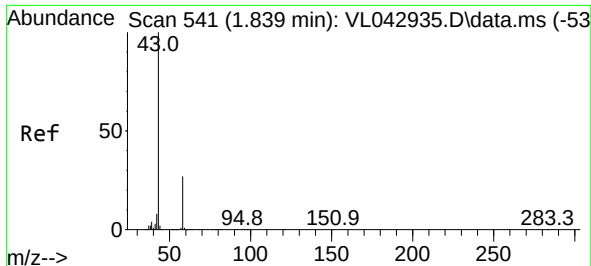


#14
Bromoethene
Concen: 1.053 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23



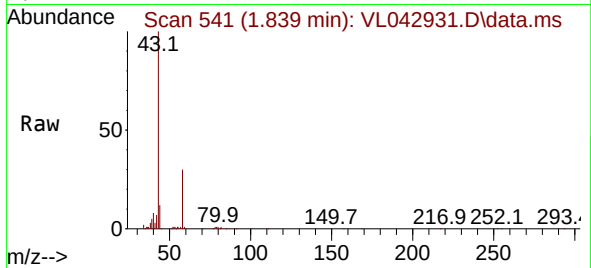
Tgt Ion:108 Resp: 6547
Ion Ratio Lower Upper
108 100
106 106.5 86.0 129.0
79 30.5 17.2 25.8





#15
Acetone
Concen: 1.106 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

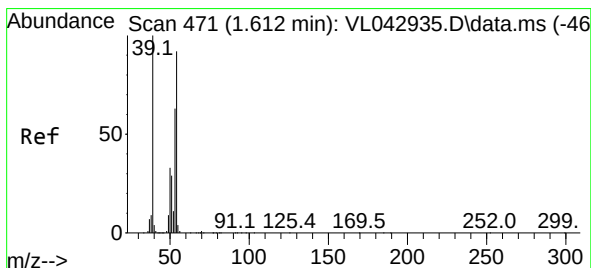
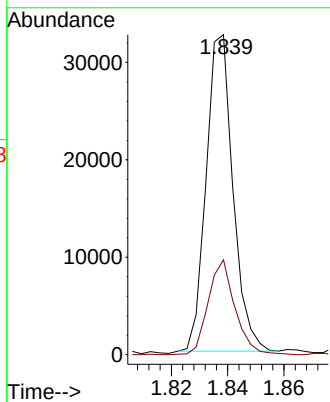
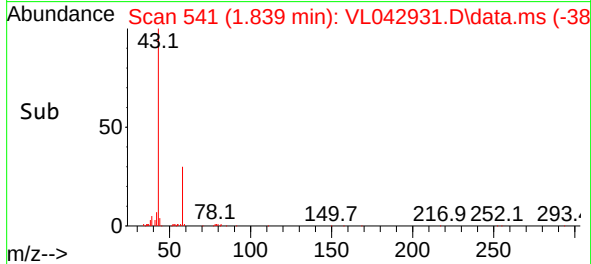
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



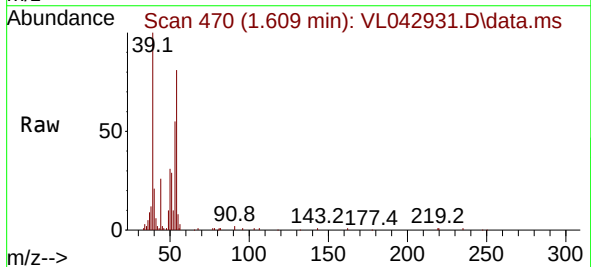
Tgt Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
58 30.2 22.2 33.2

Manual Integrations
APPROVED

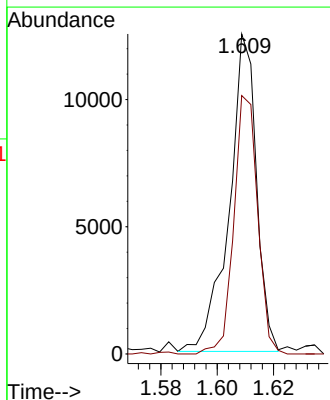
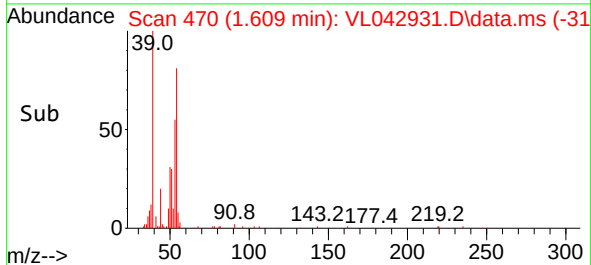
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

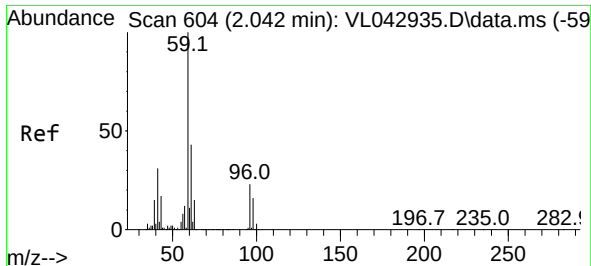


#16
1,3-Butadiene
Concen: 1.031 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23



Tgt Ion: 39 Resp: 8380
Ion Ratio Lower Upper
39 100
54 71.4 62.2 93.4





#17

tert-Butyl alcohol

Concen: 1.061 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 1985

Ion Ratio Lower Upper

59 100

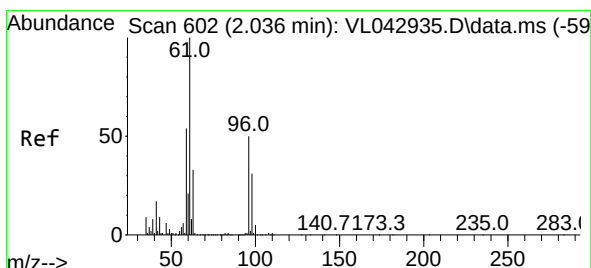
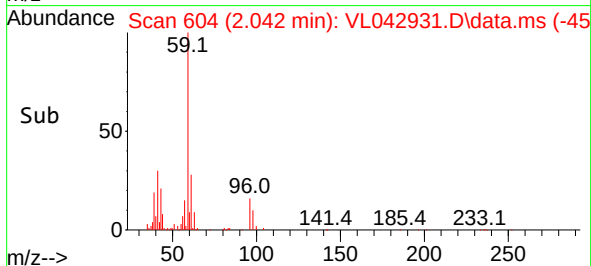
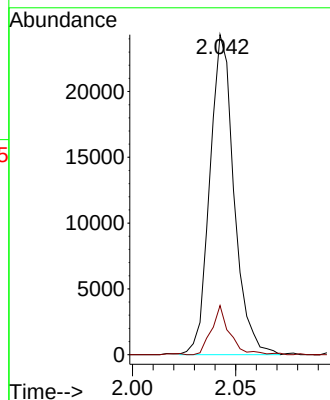
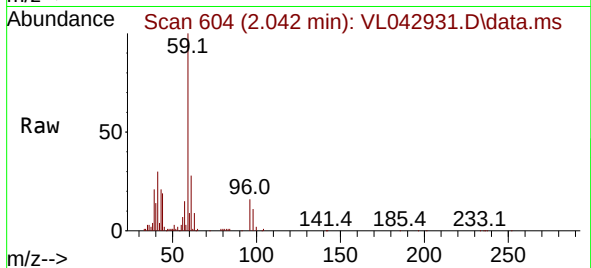
57 11.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#18

1,1-Dichloroethene

Concen: 1.014 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

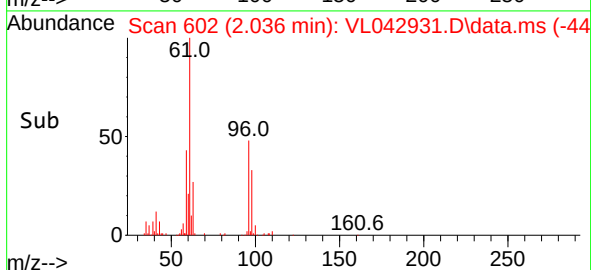
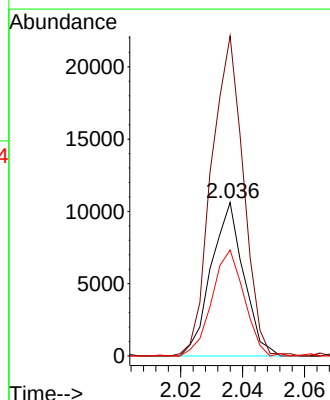
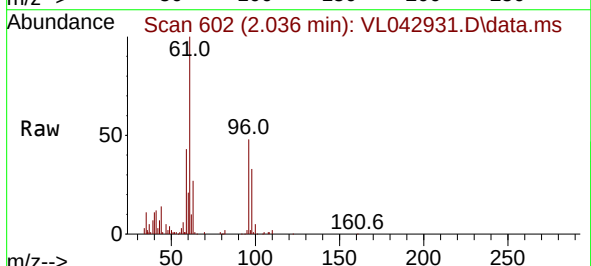
Tgt Ion: 96 Resp: 7747

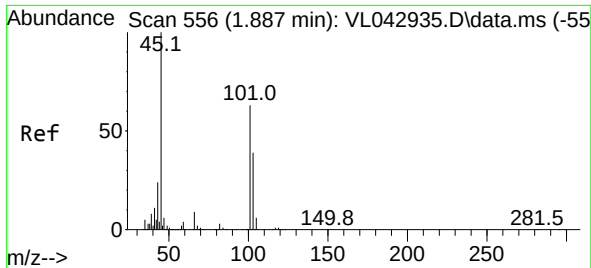
Ion Ratio Lower Upper

96 100

61 207.1 161.1 241.7

98 69.0 50.7 76.1





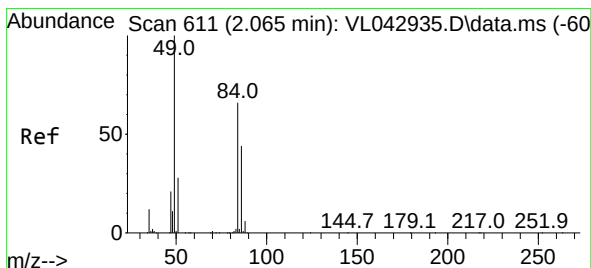
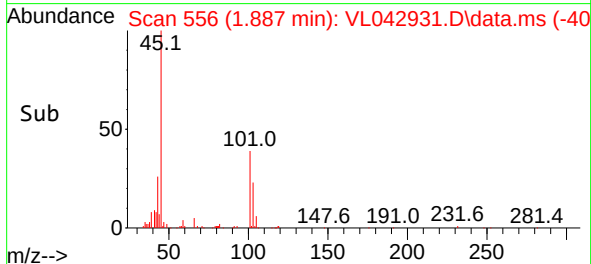
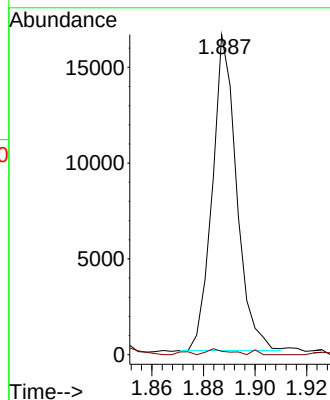
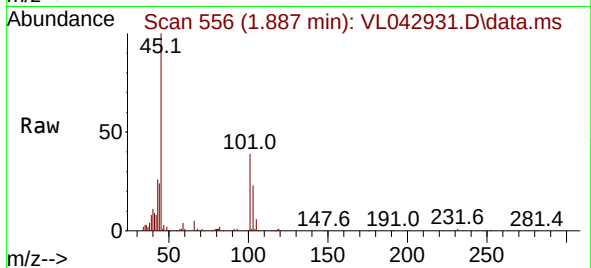
#19
Isopropyl Alcohol
Concen: 1.033 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 1076
Ion Ratio Lower Upper
45 100
58 60.4 2.0 3.0

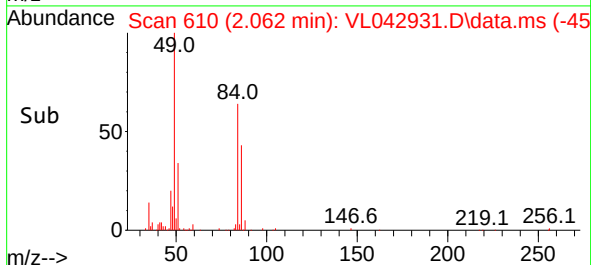
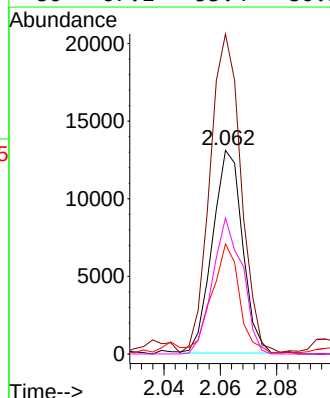
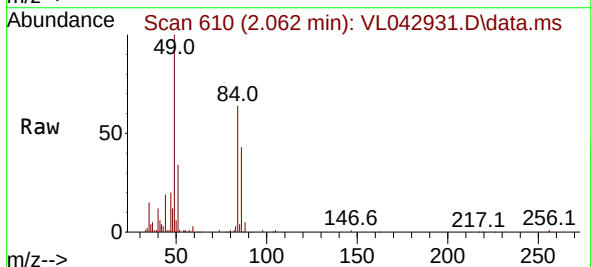
Manual Integrations
APPROVED

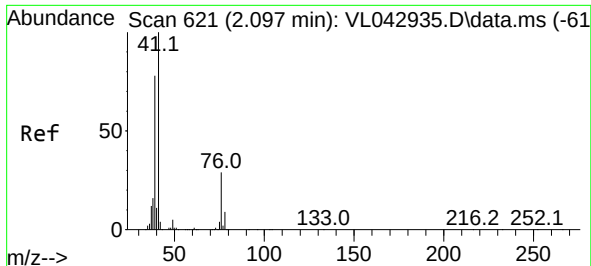
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Methylene Chloride
Concen: 1.142 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 84 Resp: 9665
Ion Ratio Lower Upper
84 100
49 157.1 121.8 182.6
51 53.3 35.6 53.4
86 67.1 53.4 80.2





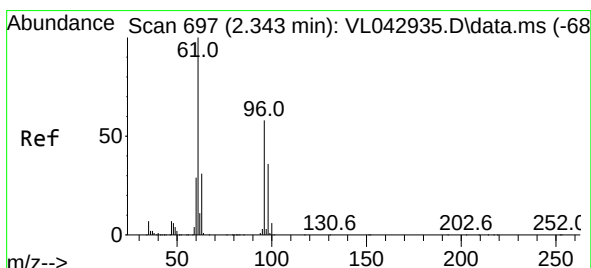
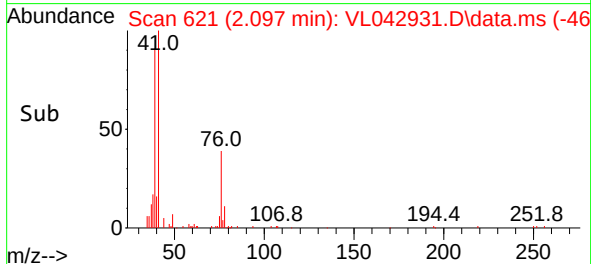
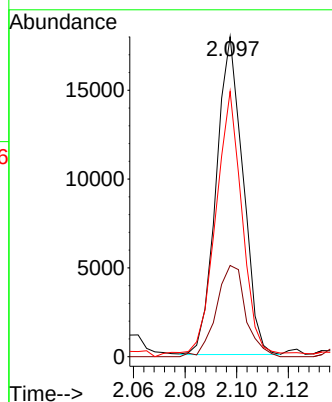
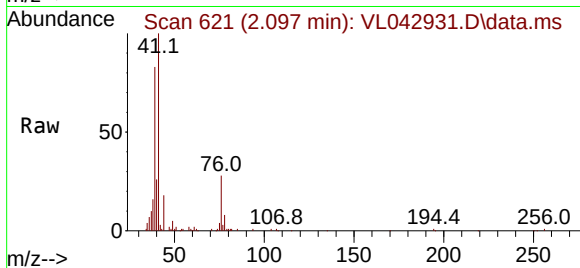
#21
 Allyl Chloride
 Concen: 0.979 ppbv
 RT: 2.097 min Scan# 612
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 1290
 Ion Ratio Lower Upper
 41 100
 76 31.3 23.8 35.6
 39 80.5 63.2 94.8

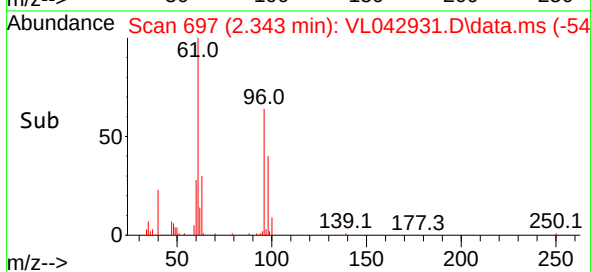
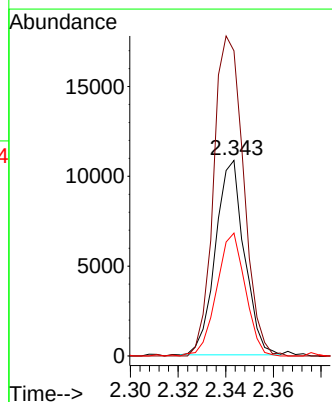
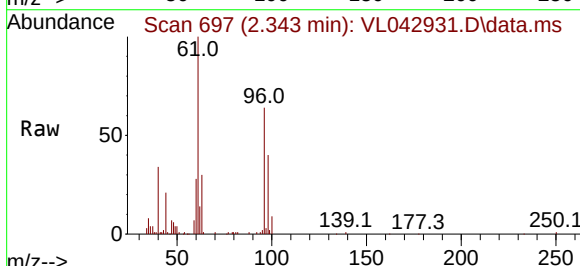
Manual Integrations
 APPROVED

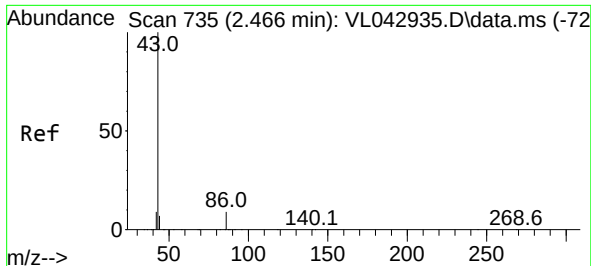
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#22
 trans-1,2-Dichloroethene
 Concen: 1.051 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 96 Resp: 9099
 Ion Ratio Lower Upper
 96 100
 61 157.0 139.0 208.6
 98 63.3 49.4 74.2





#23
 Vinyl Acetate
 Concen: 0.900 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

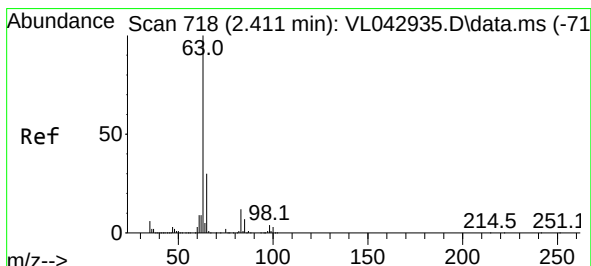
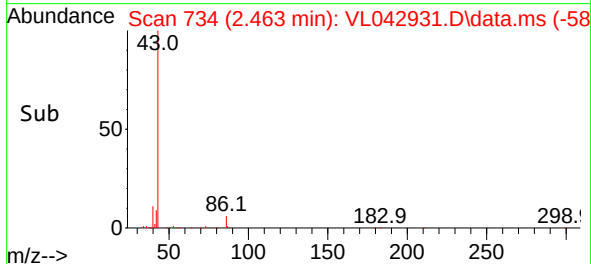
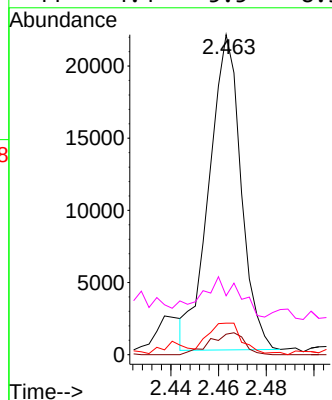
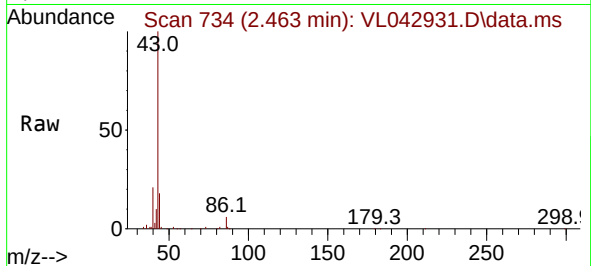
VSTDIC001

Tgt Ion: 43 Resp: 20319
 Ion Ratio Lower Upper
 43 100
 86 6.5 6.4 9.6
 42 9.3 7.5 11.3
 44 4.4 5.5 8.3#

Manual Integrations

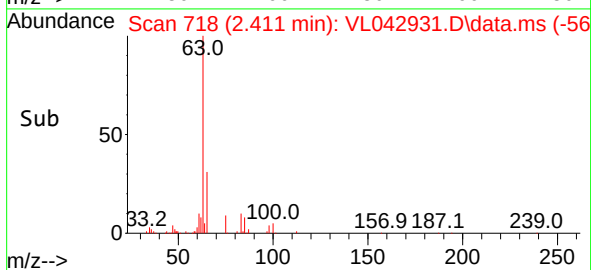
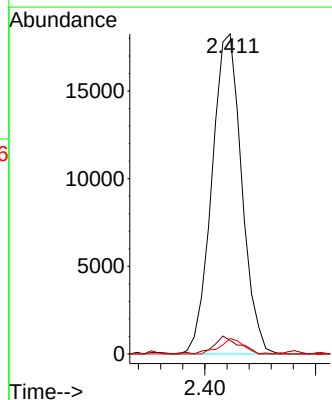
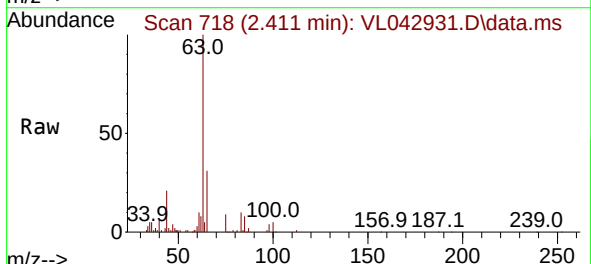
APPROVED

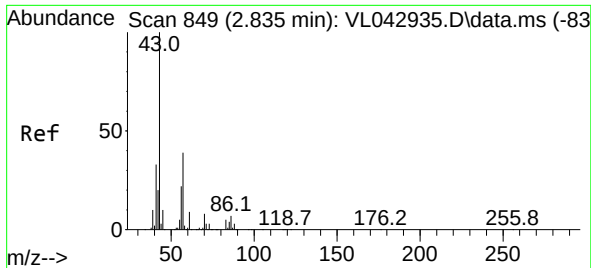
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#24
 1,1-Dichloroethane
 Concen: 1.000 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 63 Resp: 17097
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.2 6.6
 100 4.9 1.7 5.1





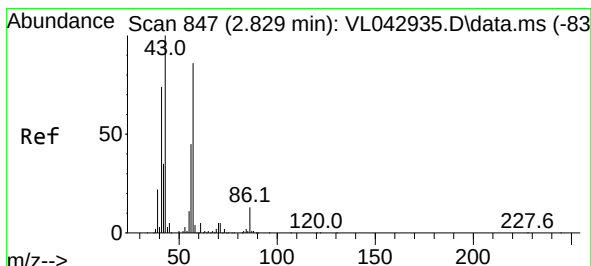
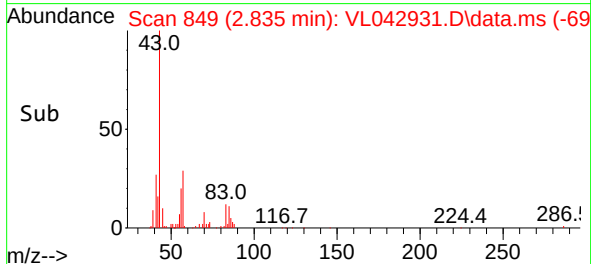
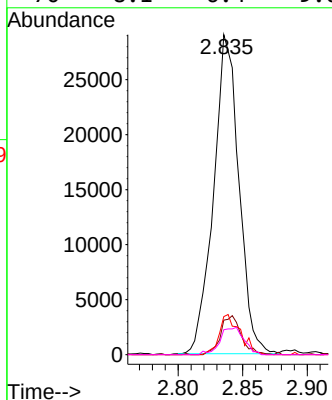
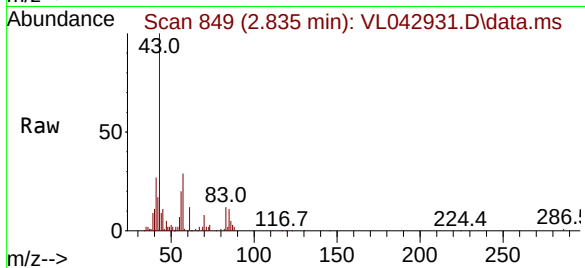
#25
Ethyl Acetate
Concen: 0.954 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 3960
Ion Ratio	Lower Upper
43 100	
45 10.0	7.8 11.8
61 10.4	7.2 10.8
70 8.1	6.4 9.6

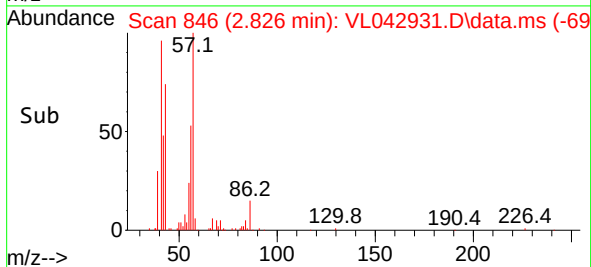
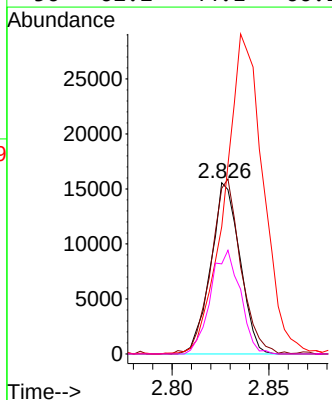
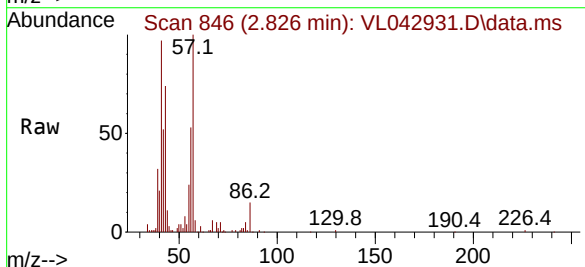
Manual Integrations
APPROVED

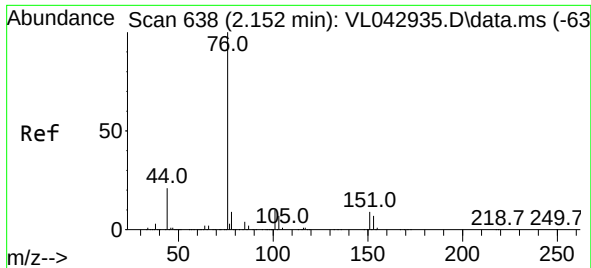
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#26
Hexane
Concen: 0.911 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

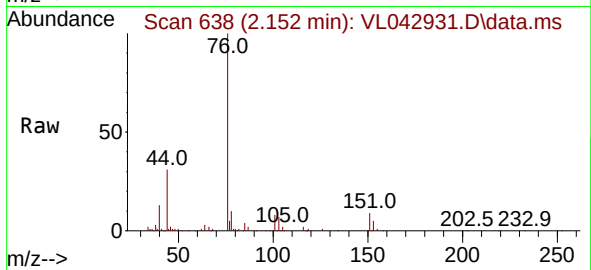
Tgt Ion: 57	Resp: 16236		
Ion	Ratio	Lower	Upper
57	100		
41	106.0	71.3	106.9
43	250.1	183.9	275.9
56	62.2	44.1	66.1





#27
Carbon Disulfide
Concen: 1.050 ppbv
RT: 2.152 min Scan# 638
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

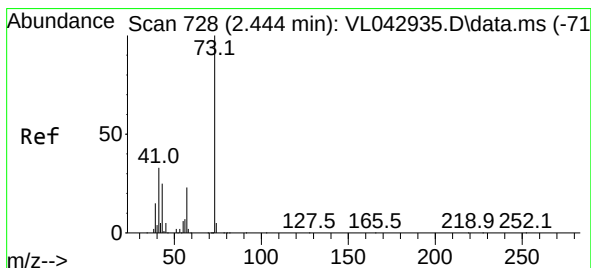
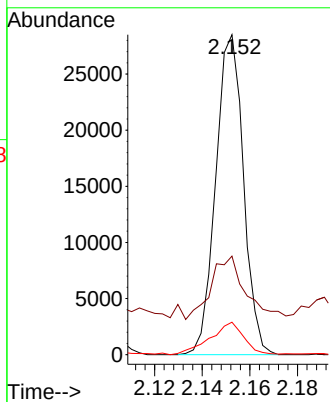
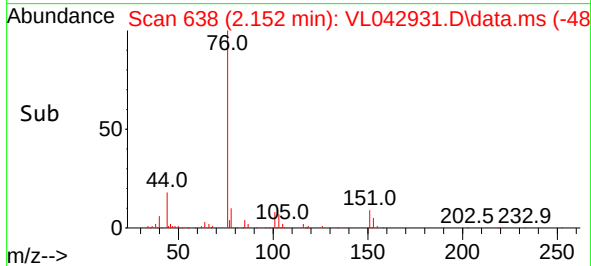
Instrument : MSVOA_L
Client Sample Id : VSTDIC001



Tgt Ion: 76 Resp: 23073
Ion Ratio Lower Upper
76 100
44 33.3 15.4 23.0
78 12.8 9.1 13.7

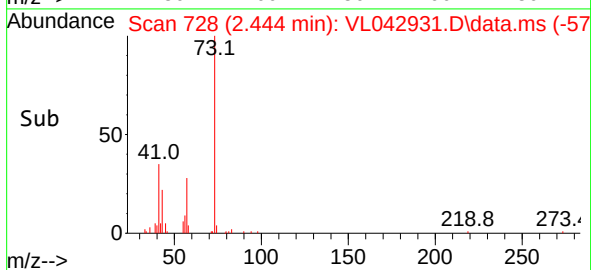
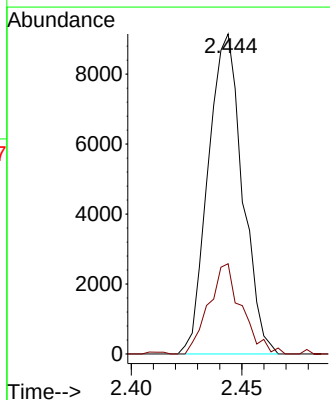
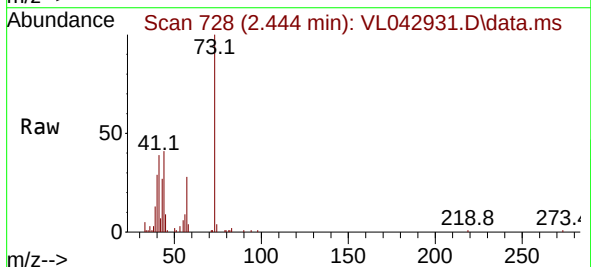
Manual Integrations
APPROVED

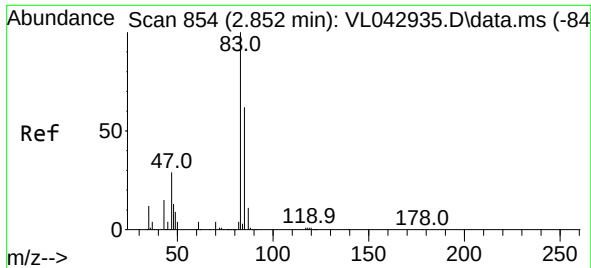
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#28
Methyl tert-Butyl Ether
Concen: 1.009 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 73 Resp: 9873
Ion Ratio Lower Upper
73 100
57 27.5 18.6 28.0





#29

Chloroform

Concen: 1.028 ppbv

RT: 2.848 min Scan# 853

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 29928

Ion Ratio Lower Upper

83 100

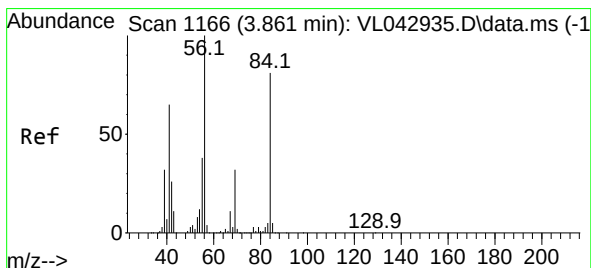
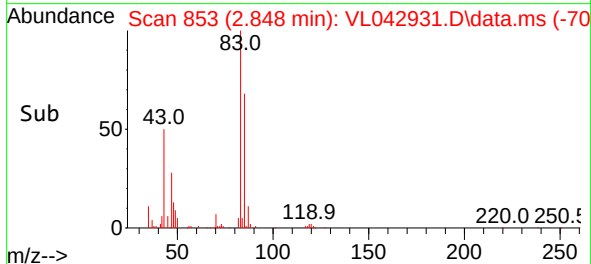
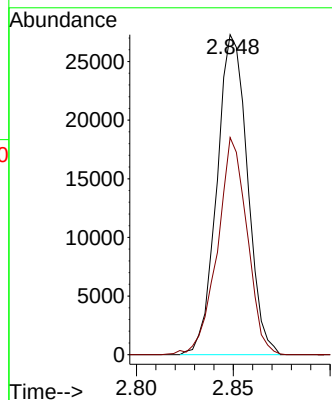
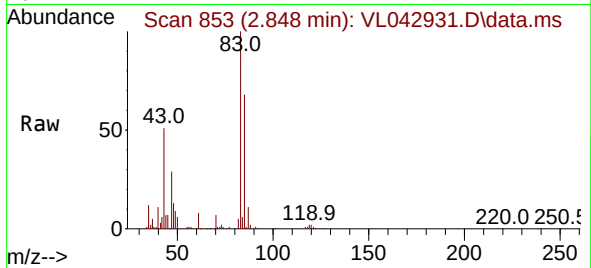
85 67.6 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

Cyclohexane

Concen: 0.867 ppbv m

RT: 3.861 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

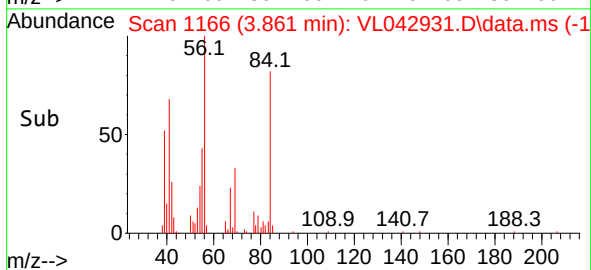
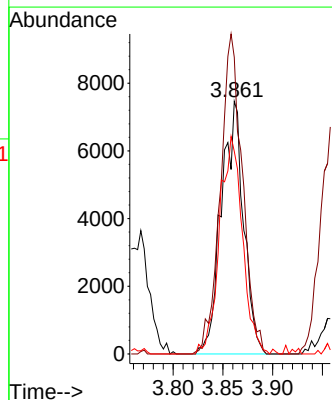
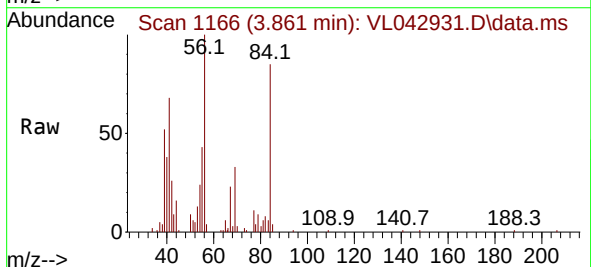
Tgt Ion: 84 Resp: 11631

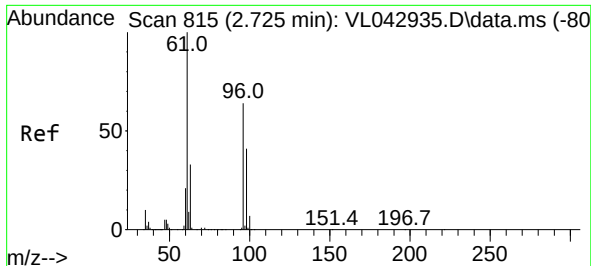
Ion Ratio Lower Upper

84 100

56 125.0 100.6 150.8

41 89.7 65.4 98.0





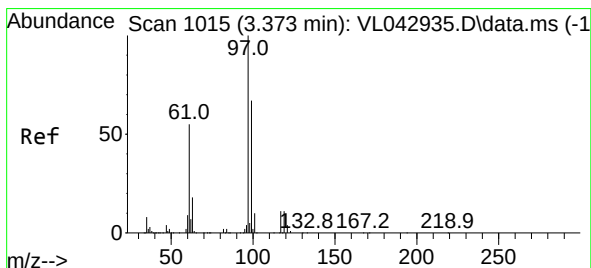
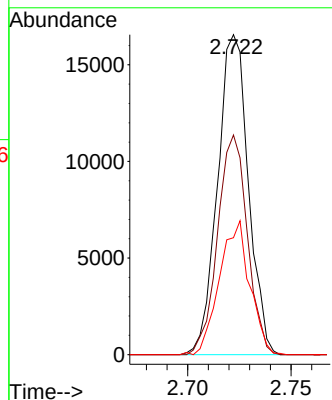
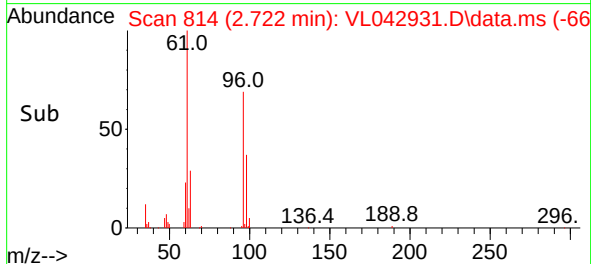
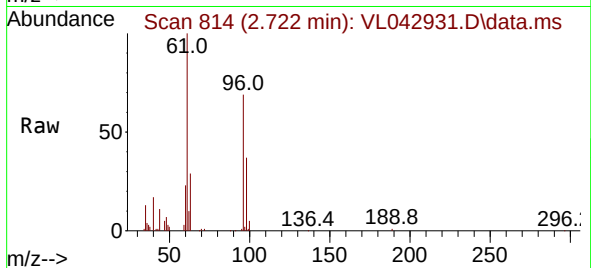
#31
cis-1,2-Dichloroethene
Concen: 0.988 ppbv
RT: 2.722 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 61 Resp: 17192
Ion Ratio Lower Upper
61 100
96 68.7 51.4 77.2
98 36.6 32.8 49.2

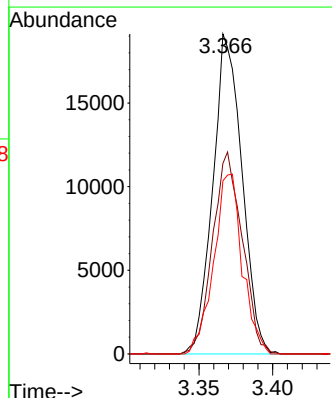
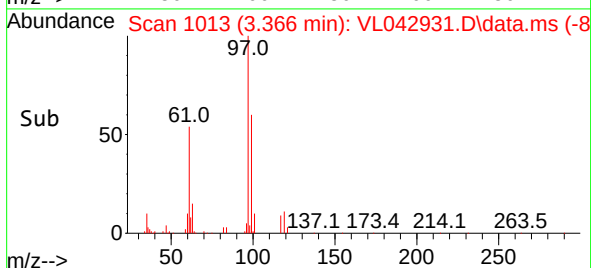
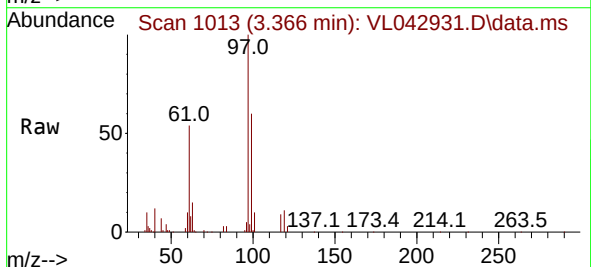
Manual Integrations
APPROVED

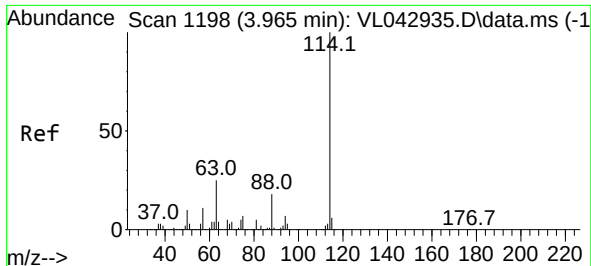
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#32
1,1,1-Trichloroethane
Concen: 0.965 ppbv
RT: 3.366 min Scan# 1013
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 97 Resp: 26292
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 55.2 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.958 min Scan# 1196

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

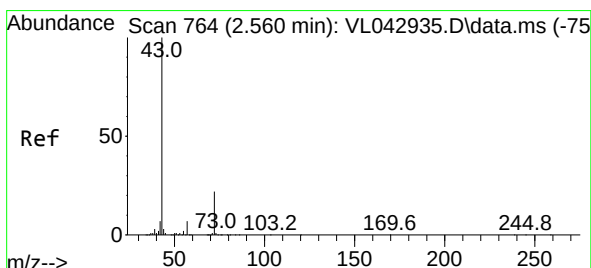
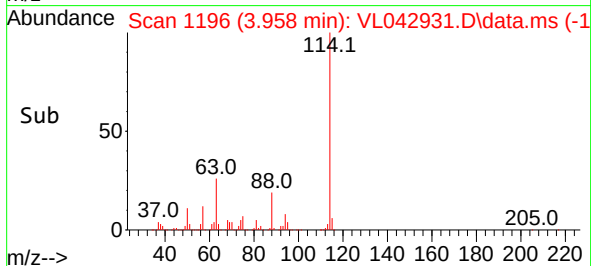
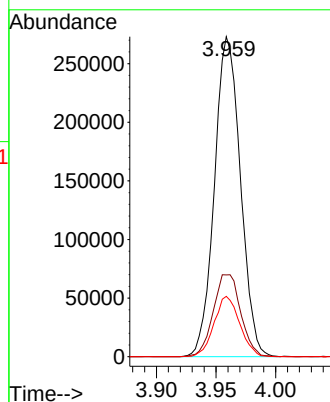
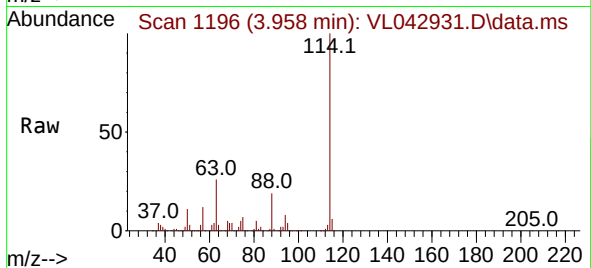
Tgt Ion:114 Resp: 41384

Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.1	31.7
88	18.6	14.6	22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#34

2-Butanone

Concen: 0.967 ppbv

RT: 2.557 min Scan# 763

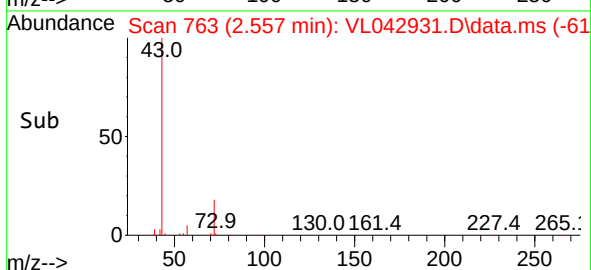
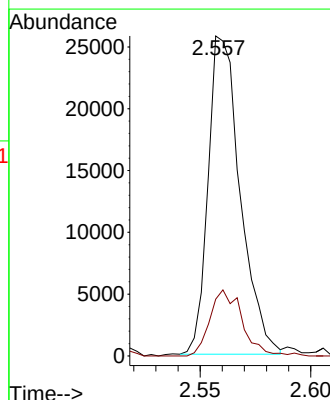
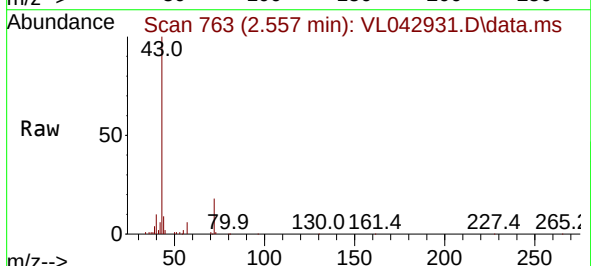
Delta R.T. -0.003 min

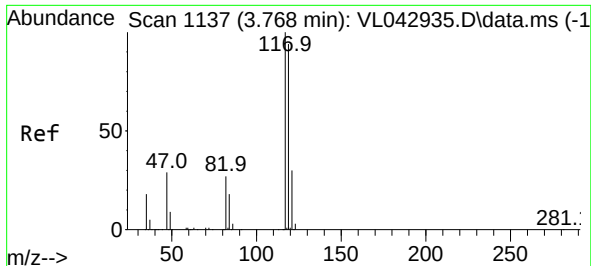
Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Tgt Ion: 43 Resp: 25950

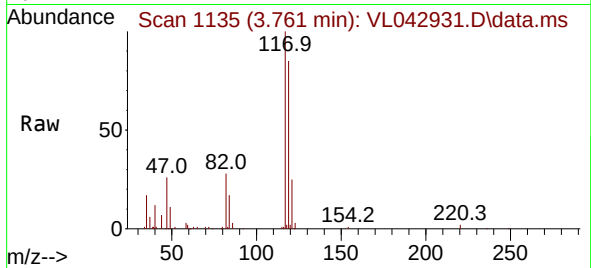
Ion	Ratio	Lower	Upper
43	100		
72	21.1	17.2	25.8





#35
Carbon Tetrachloride
Concen: 0.958 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

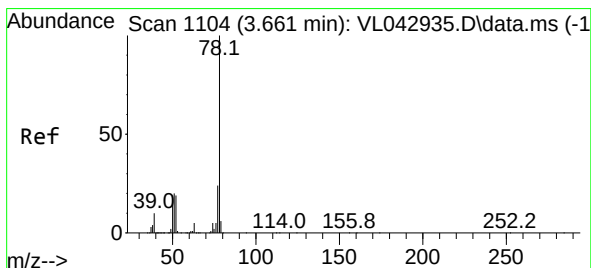
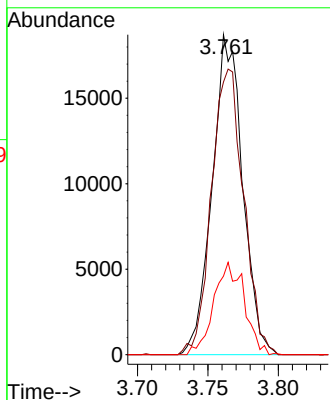
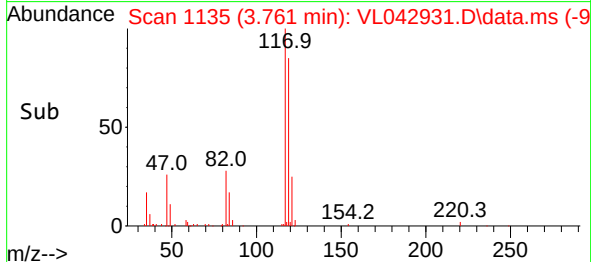
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 28194
Ion Ratio Lower Upper
117 100
119 85.2 74.9 112.3
121 24.6 24.0 36.0

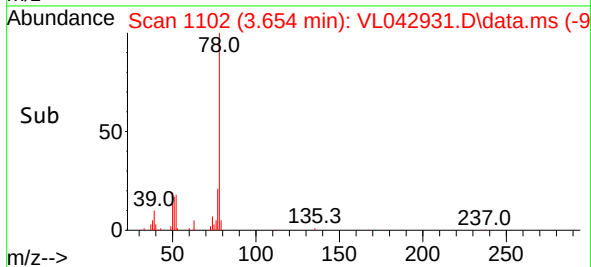
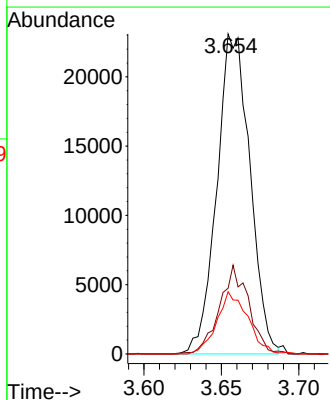
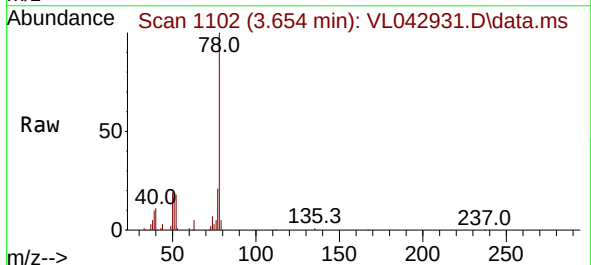
Manual Integrations
APPROVED

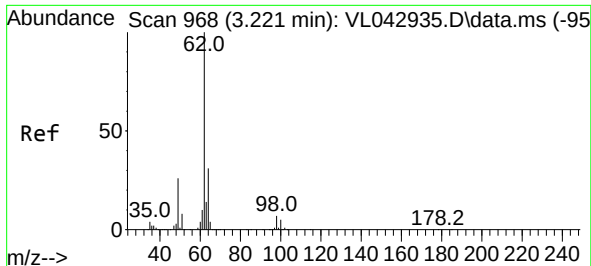
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#36
Benzene
Concen: 0.950 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 78 Resp: 34301
Ion Ratio Lower Upper
78 100
77 20.3 19.2 28.8
50 19.5 14.8 22.2





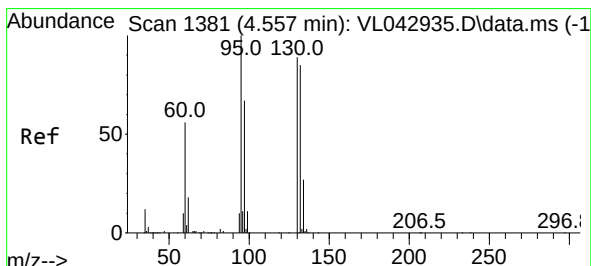
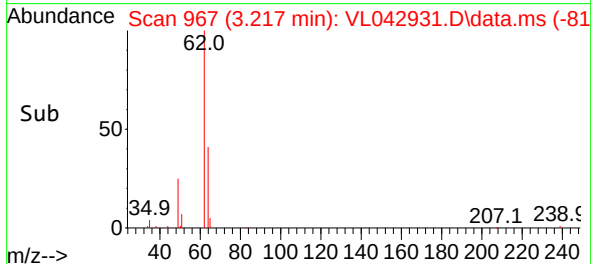
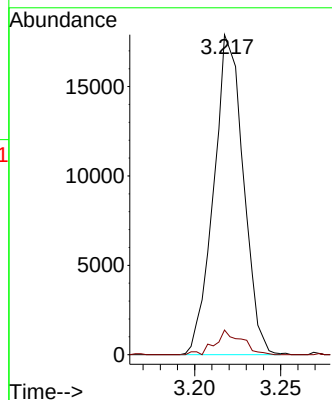
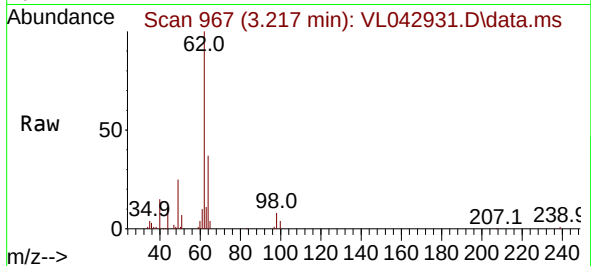
#37
1,2-Dichloroethane
Concen: 0.994 ppbv
RT: 3.217 min Scan# 90
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 21490
Ion Ratio Lower Upper
62 100
98 6.9 5.5 8.3

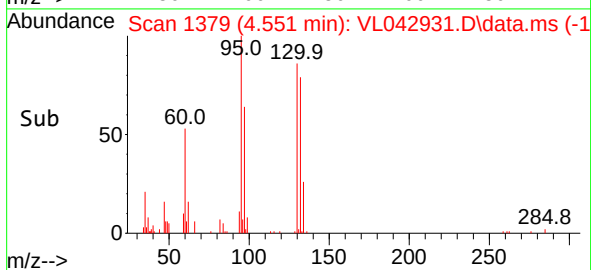
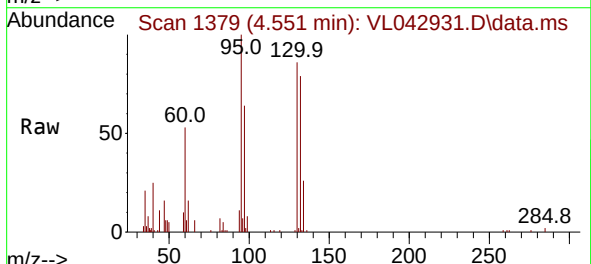
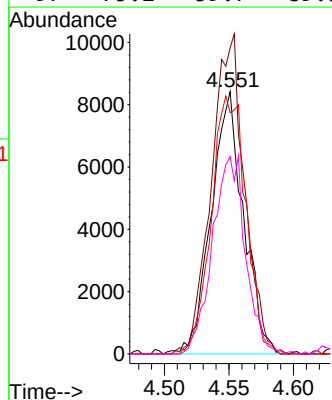
Manual Integrations
APPROVED

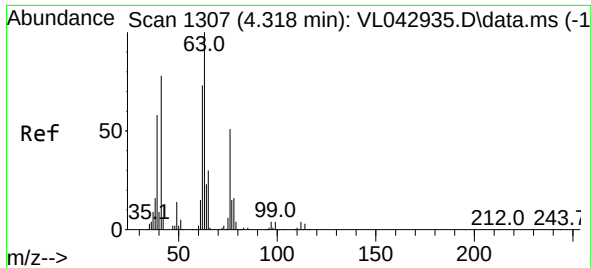
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#38
Trichloroethene
Concen: 0.894 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:130 Resp: 14609
Ion Ratio Lower Upper
130 100
95 115.1 89.8 134.6
132 91.9 76.3 114.5
97 75.2 59.7 89.5





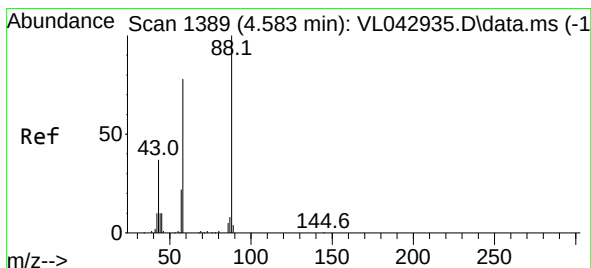
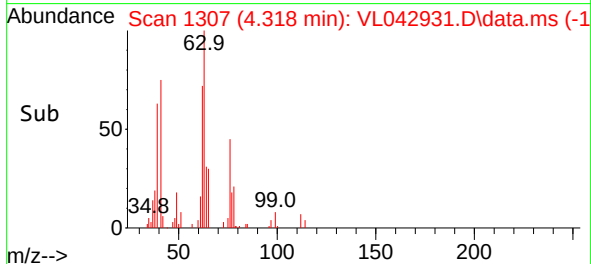
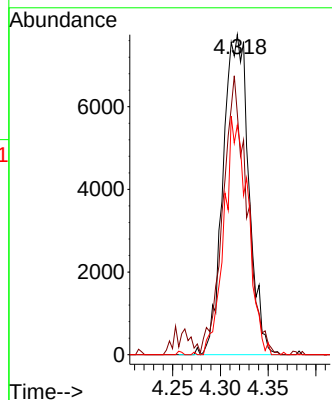
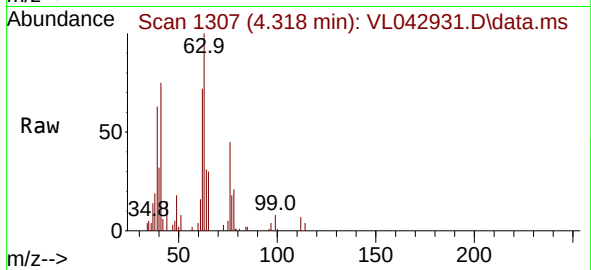
#39
1,2-Dichloropropane
Concen: 0.996 ppbv m
RT: 4.318 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1453
Ion Ratio Lower Upper
63 100
41 75.3 62.7 94.1
62 71.8 58.4 87.6

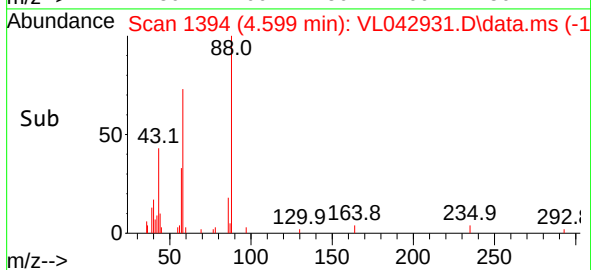
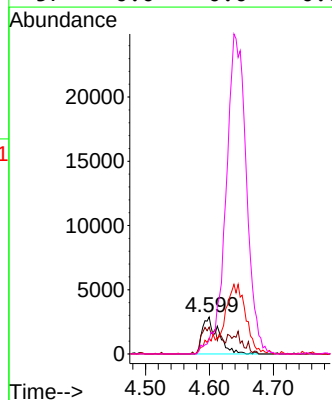
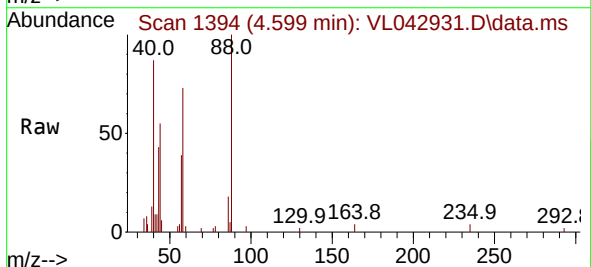
Manual Integrations
APPROVED

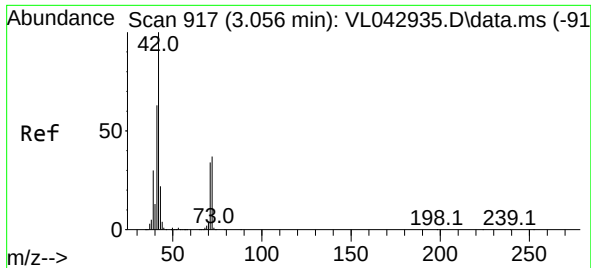
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#40
1,4-Dioxane
Concen: 0.977 ppbv m
RT: 4.599 min Scan# 1394
Delta R.T. 0.016 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 88 Resp: 5054
Ion Ratio Lower Upper
88 100
58 130.6 61.5 92.3#
43 0.0 28.3 42.5#
57 0.0 0.0 0.0





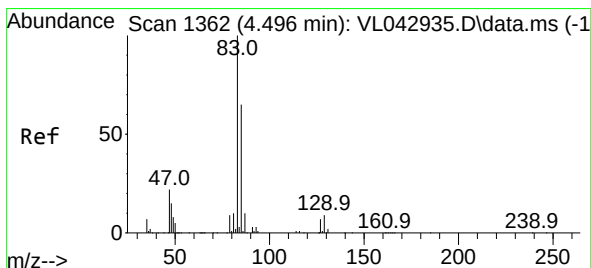
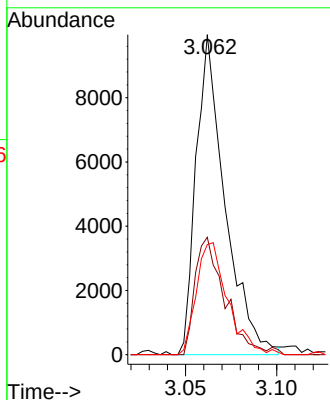
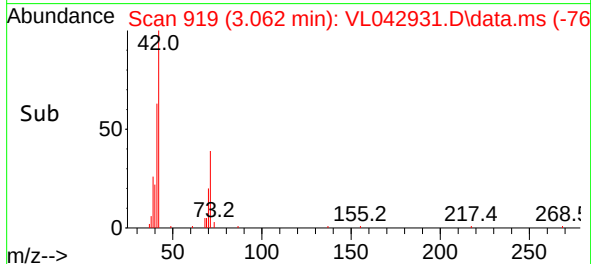
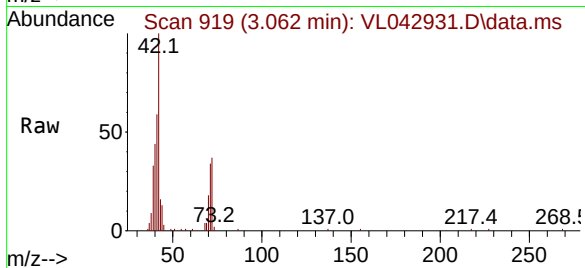
#41
Tetrahydrofuran
Concen: 0.834 ppbv
RT: 3.062 min Scan# 917
Delta R.T. 0.006 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:	42	Resp:	1099
Ion Ratio	Lower	Upper	
42	100		
72	37.9	30.4	45.6
71	38.0	28.3	42.5

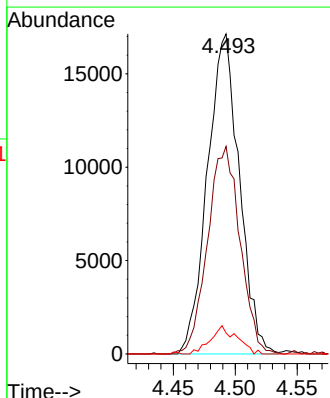
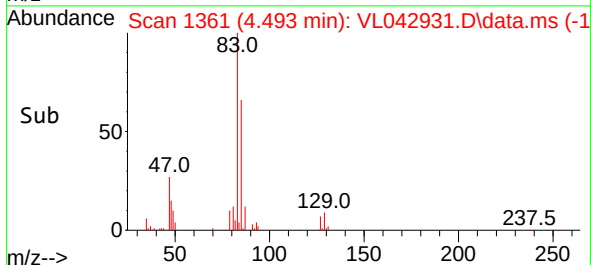
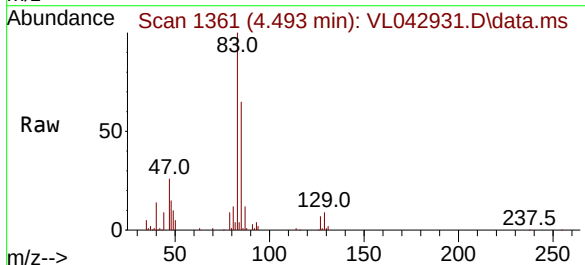
Manual Integrations
APPROVED

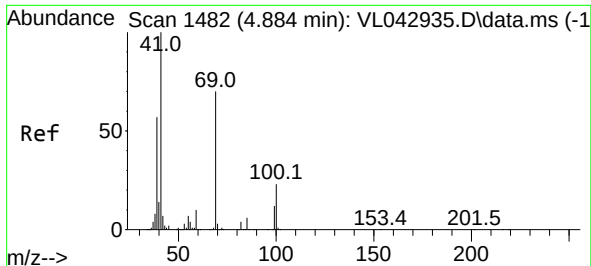
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#42
Bromodichloromethane
Concen: 0.990 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:	83	Resp:	30707
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.1	78.1
127	6.5	6.0	9.0





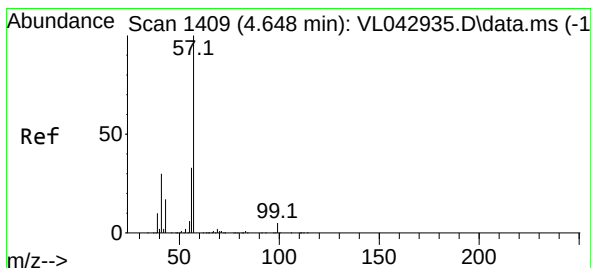
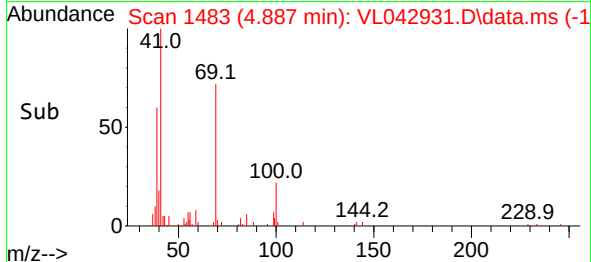
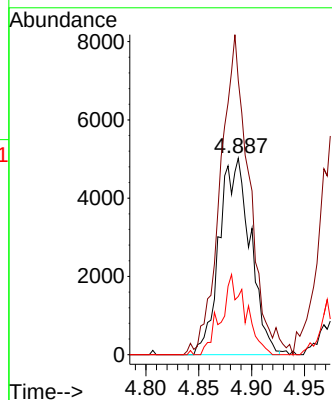
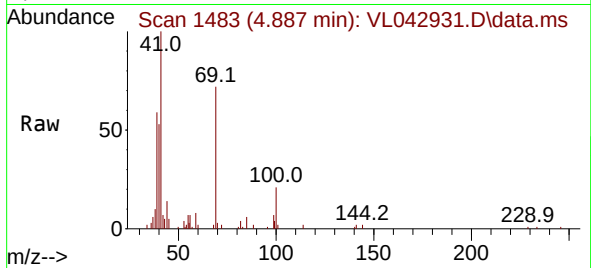
#43
Methyl Methacrylate
Concen: 0.849 ppbv m
RT: 4.887 min Scan# 1483
Delta R.T. 0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 1028
Ion Ratio Lower Upper
69 100
41 0.0 118.6 178.0
100 0.0 26.2 39.4

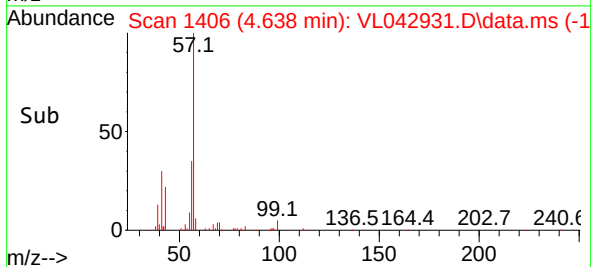
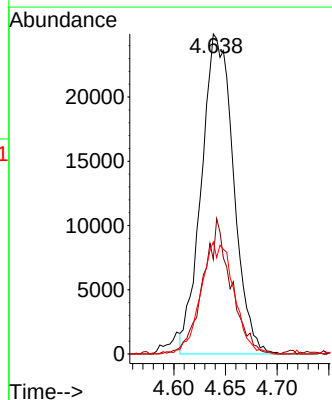
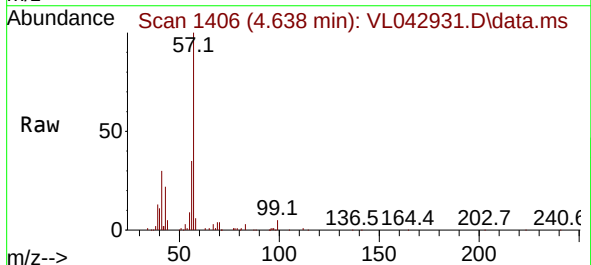
Manual Integrations
APPROVED

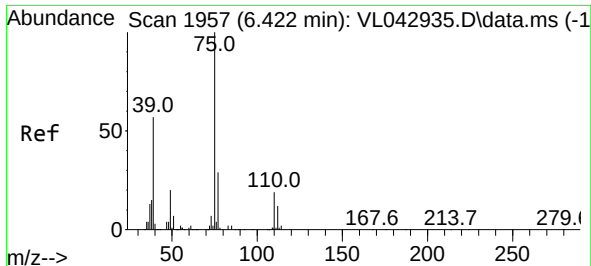
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
2,2,4-Trimethylpentane
Concen: 0.894 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 57 Resp: 53804
Ion Ratio Lower Upper
57 100
41 37.3 25.8 38.6
56 36.2 26.2 39.4





#45

t-1,3-Dichloropropene

Concen: 0.889 ppbv m

RT: 6.415 min Scan# 1955

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 11328

Ion Ratio Lower Upper

75 100

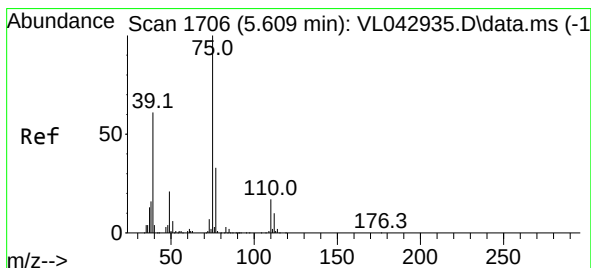
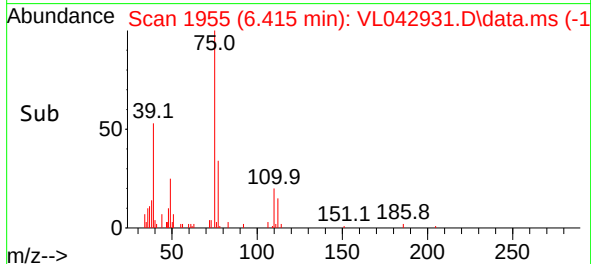
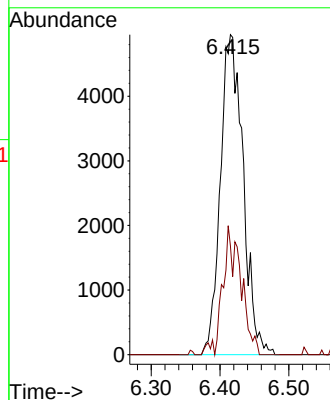
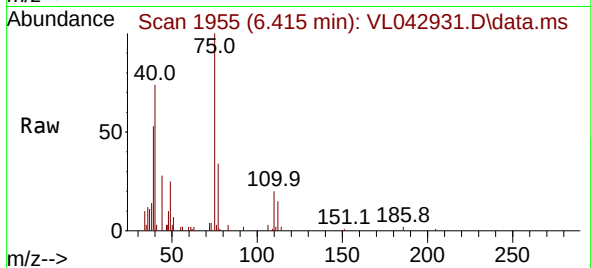
77 33.9 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

cis-1,3-Dichloropropene

Concen: 0.906 ppbv m

RT: 5.599 min Scan# 1703

Delta R.T. -0.010 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

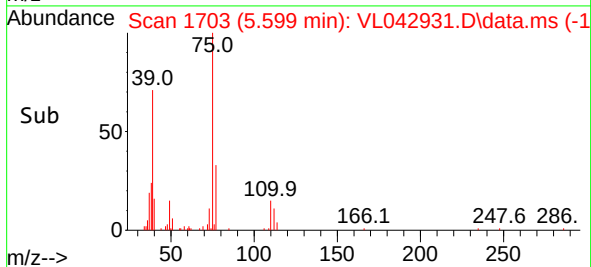
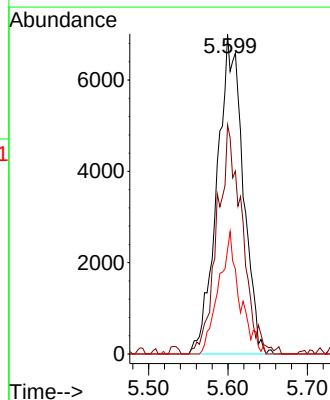
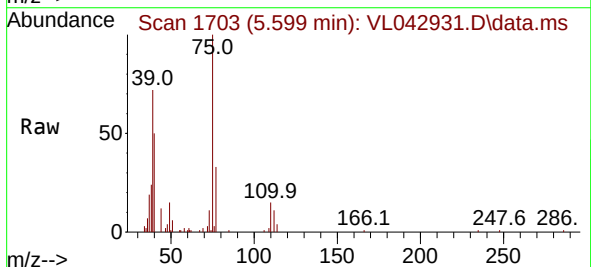
Tgt Ion: 75 Resp: 15914

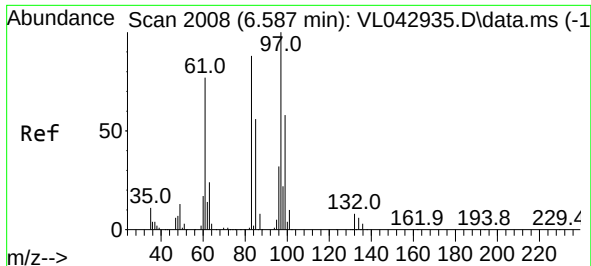
Ion Ratio Lower Upper

75 100

39 71.6 49.0 73.4

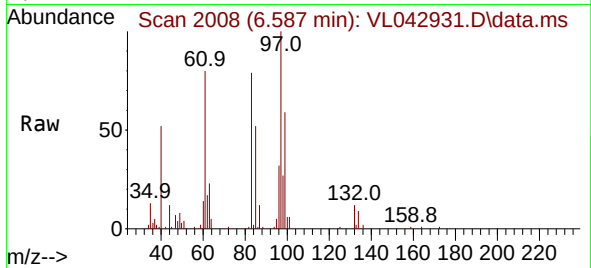
77 32.6 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 0.983 ppbv m
RT: 6.587 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

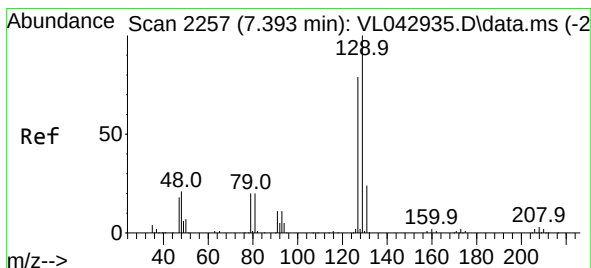
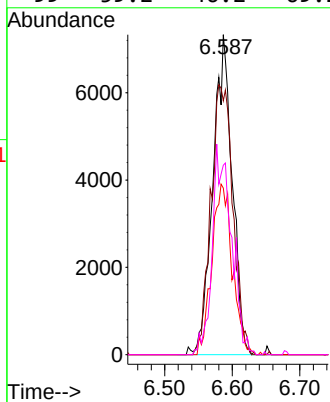
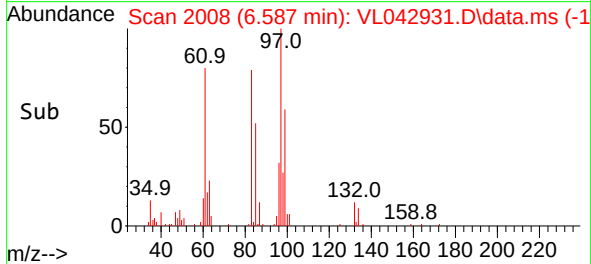
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 14628
Ion Ratio Lower Upper
97 100
83 79.4 70.6 106.0
85 52.0 44.9 67.3
99 59.2 46.2 69.2

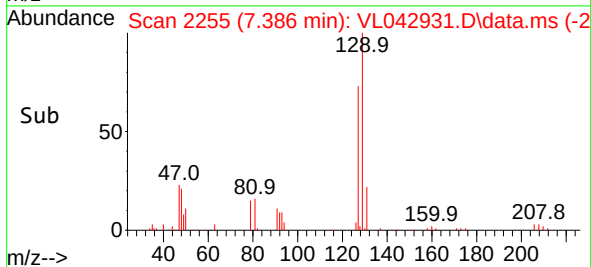
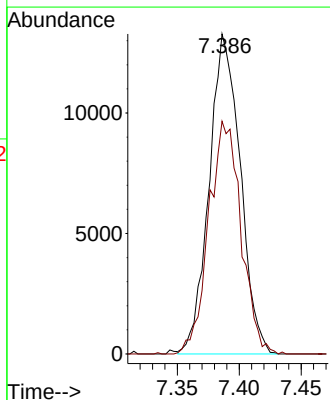
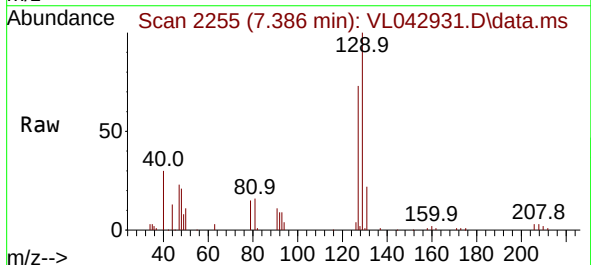
Manual Integrations
APPROVED

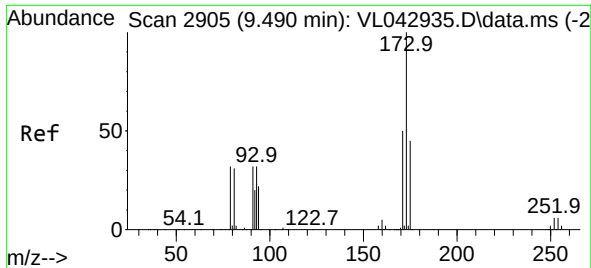
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#48
Dibromochloromethane
Concen: 0.998 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:129 Resp: 23257
Ion Ratio Lower Upper
129 100
127 75.4 38.8 116.3





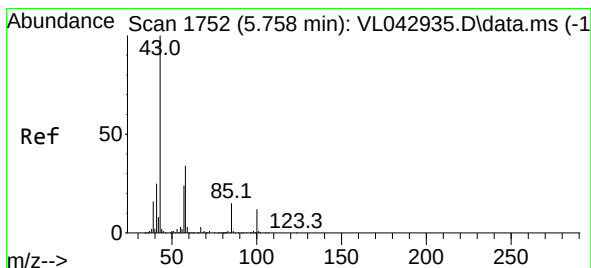
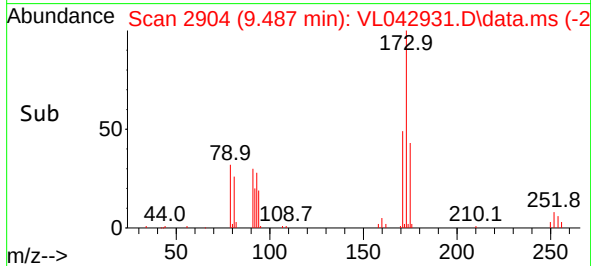
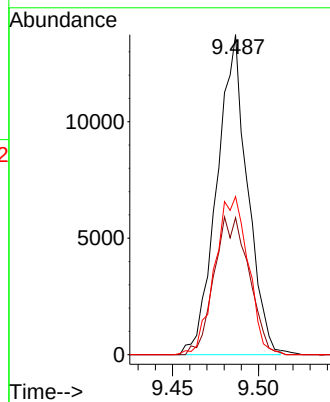
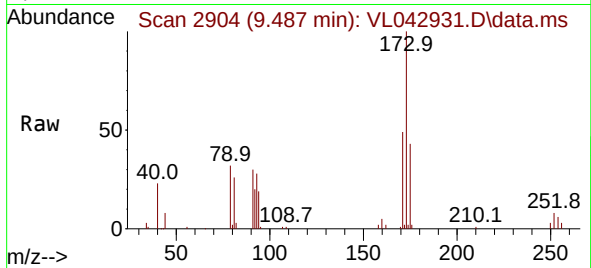
#49
Bromoform
Concen: 0.934 ppbv
RT: 9.487 min Scan# 2905
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument : MSVOA_L
ClientSampleId : VSTDIC001

Tgt Ion: 173 Resp: 16990
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
171 53.9 41.7 62.5

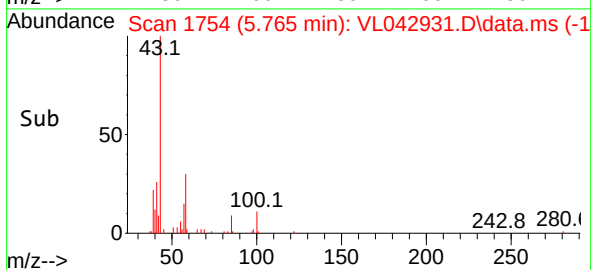
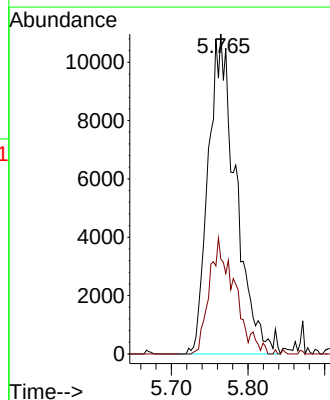
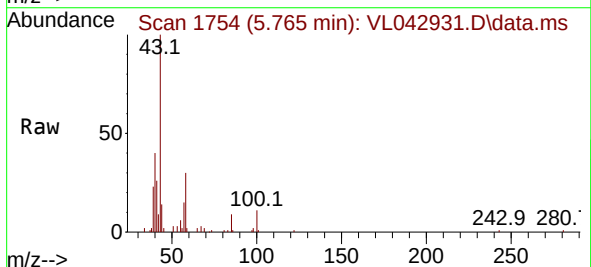
Manual Integrations
APPROVED

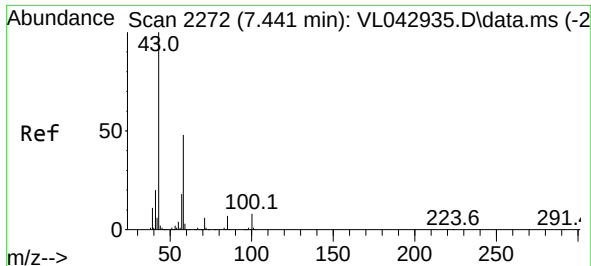
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#50
4-Methyl-2-Pentanone
Concen: 0.860 ppbv m
RT: 5.765 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

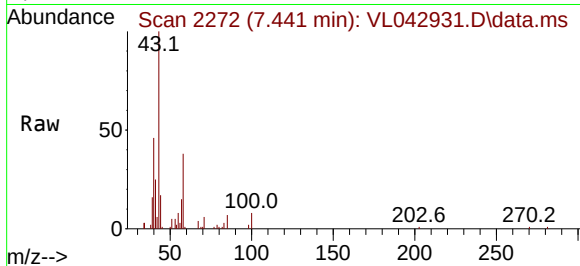
Tgt Ion: 43 Resp: 27486
Ion Ratio Lower Upper
43 100
58 33.5 27.5 41.3





#51
2-Hexanone
Concen: 0.791 ppbv m
RT: 7.441 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

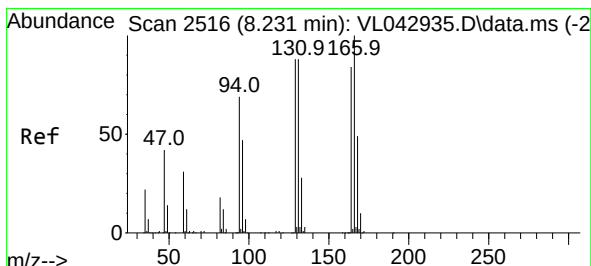
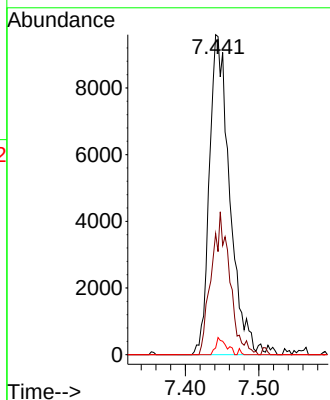
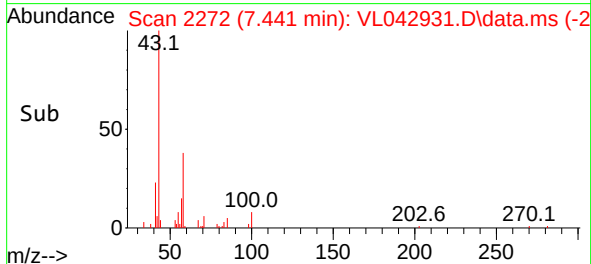
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 18604
Ion Ratio Lower Upper
43 100
58 40.5 37.9 56.9
98 3.0 0.7 1.1

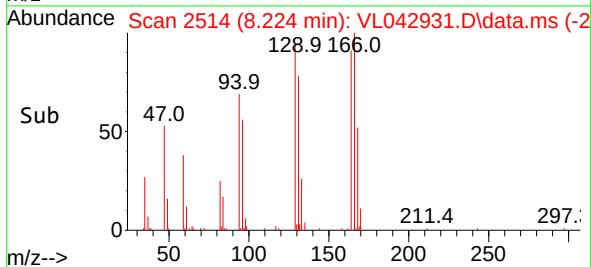
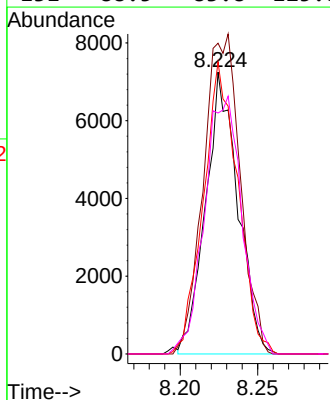
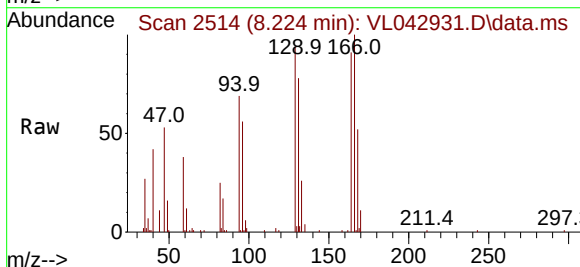
Manual Integrations
APPROVED

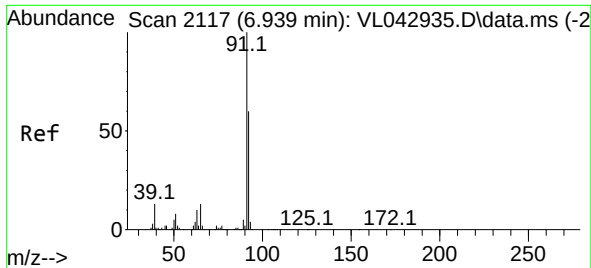
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Tetrachloroethene
Concen: 0.935 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:164 Resp: 10494
Ion Ratio Lower Upper
164 100
166 110.3 95.4 143.0
129 103.5 84.0 126.0
131 88.5 83.8 125.8





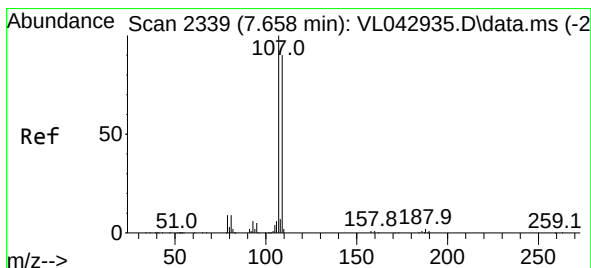
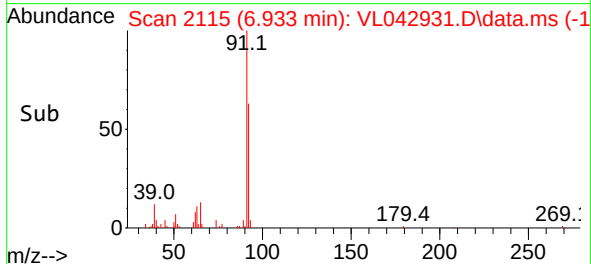
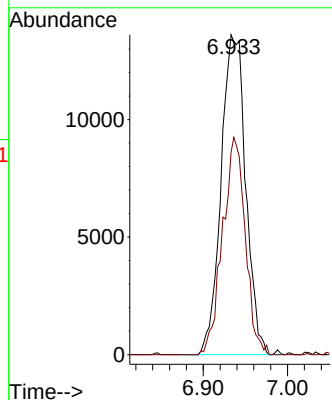
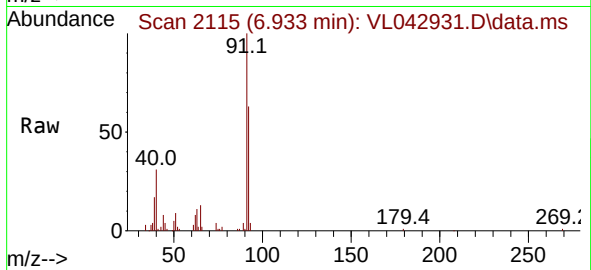
#53
Toluene
Concen: 0.824 ppbv m
RT: 6.933 min Scan# 2115
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 27724
Ion Ratio Lower Upper
91 100
92 62.5 47.4 71.2

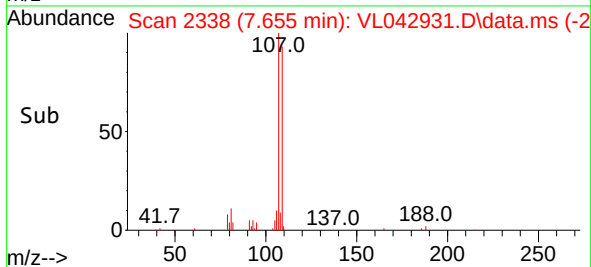
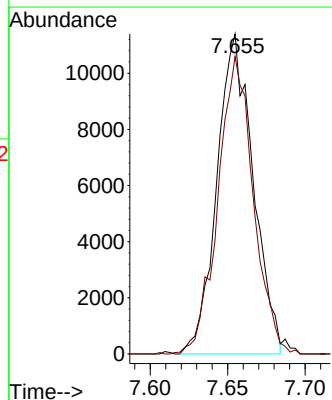
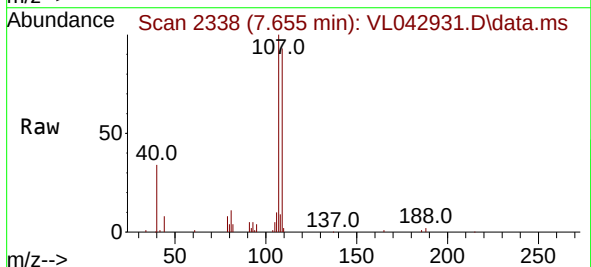
Manual Integrations
APPROVED

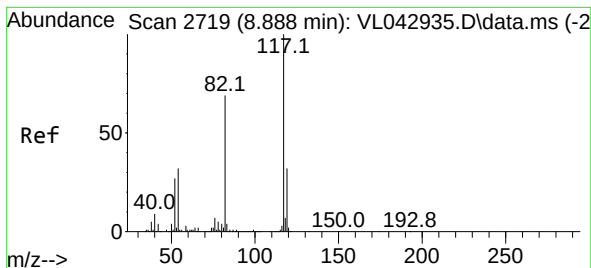
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#54
1,2-Dibromoethane
Concen: 0.968 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:107 Resp: 18521
Ion Ratio Lower Upper
107 100
109 92.4 71.8 107.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2719

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

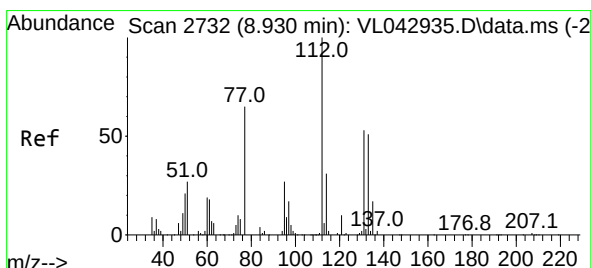
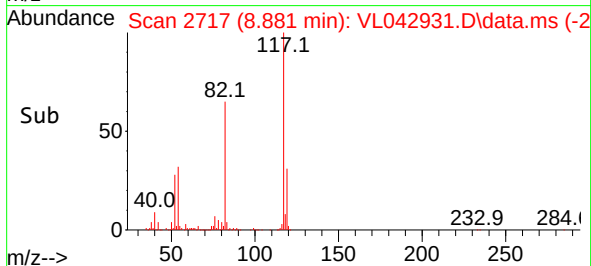
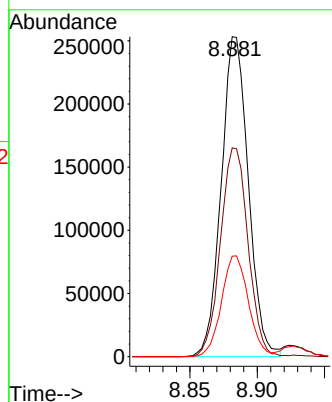
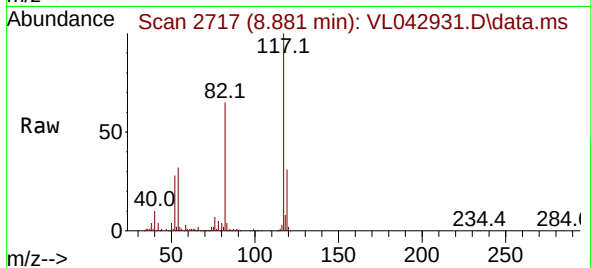
VSTDICC001

Tgt Ion:	117	Resp:	354619
Ion	Ratio	Lower	Upper
117	100		
82	66.6	56.1	84.1
119	31.7	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 1.006 ppbv

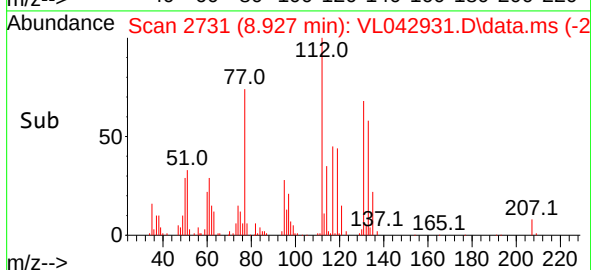
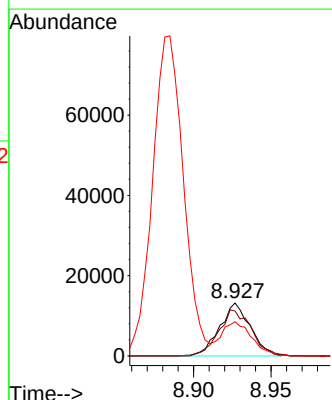
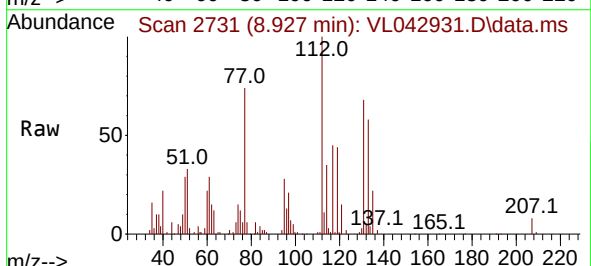
RT: 8.927 min Scan# 2731

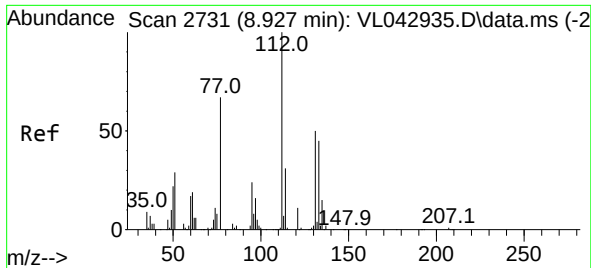
Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Tgt Ion:	131	Resp:	18170
Ion	Ratio	Lower	Upper
131	100		
133	92.9	76.1	114.1
119	675.0	53.4	80.2





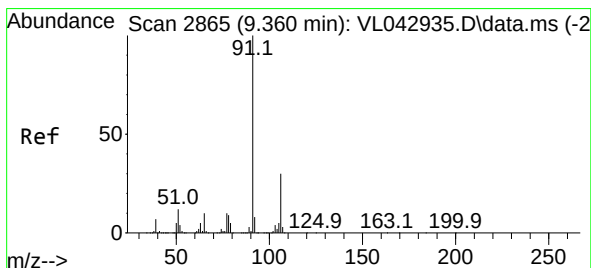
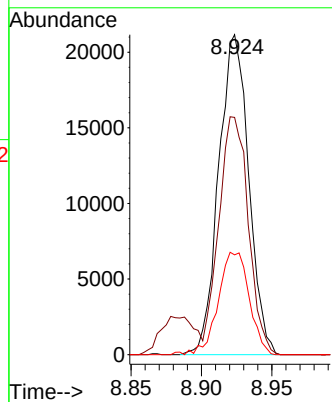
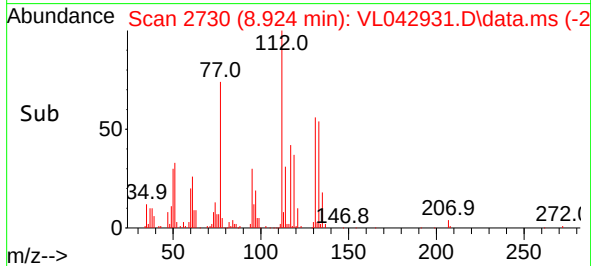
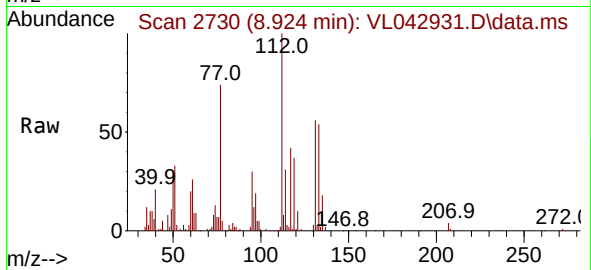
#57
Chlorobenzene
Concen: 0.958 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:	112	Resp:	3140
Ion Ratio	Lower	Upper	
112	100		
77	74.2	54.8	82.2
114	31.2	28.2	34.4

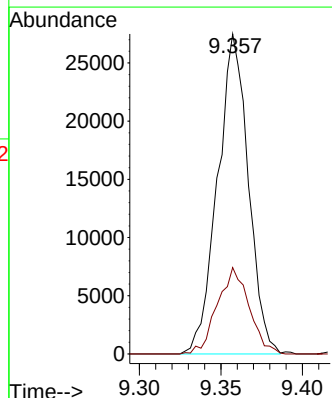
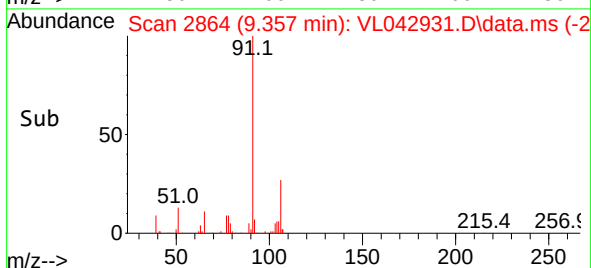
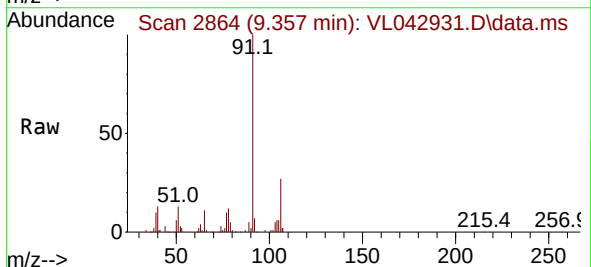
Manual Integrations
APPROVED

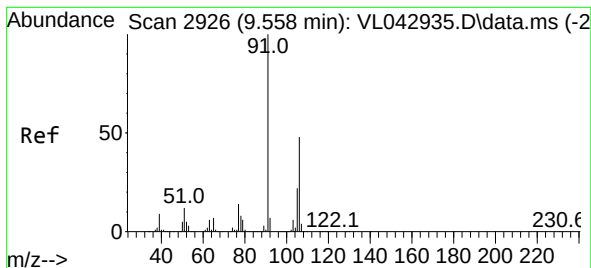
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#58
Ethyl Benzene
Concen: 0.789 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:	91	Resp:	36048
Ion Ratio	Lower	Upper	
91	100		
106	27.0	24.2	36.4





#59

m/p-Xylene

Concen: 1.623 ppbv m

RT: 9.551 min Scan# 29

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 6268

Ion Ratio Lower Upper

91 100

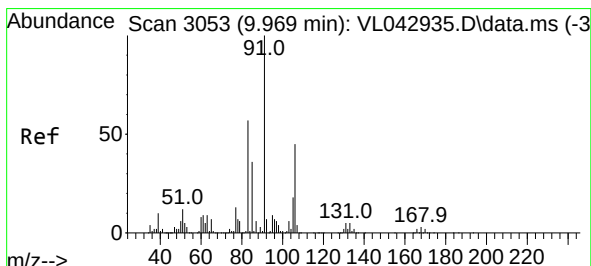
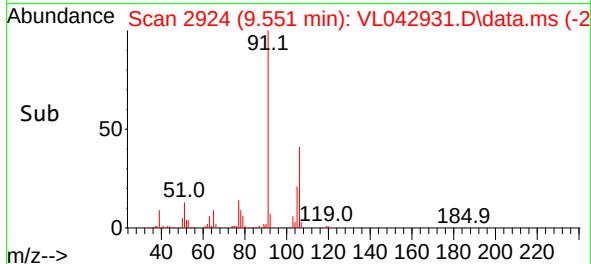
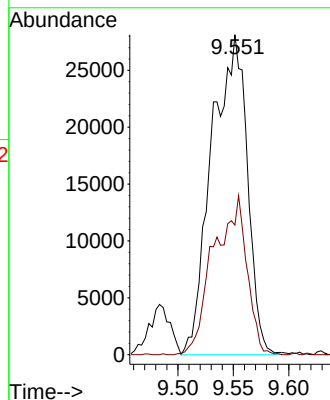
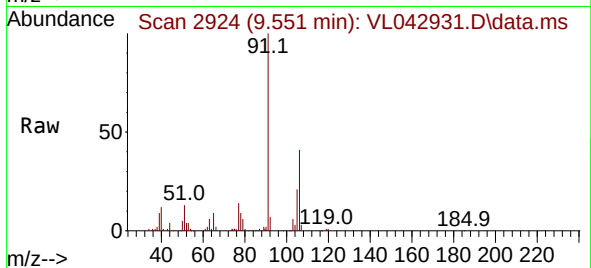
106 46.5 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#60

o-Xylene

Concen: 0.780 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042931.D

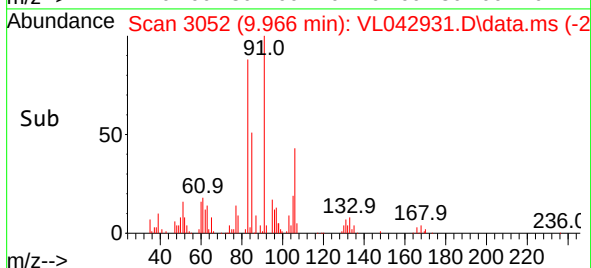
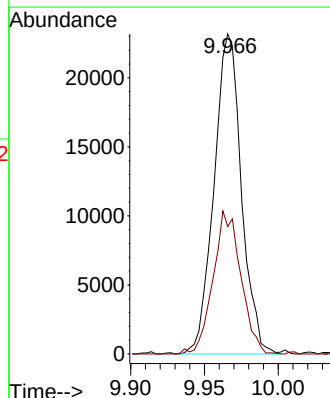
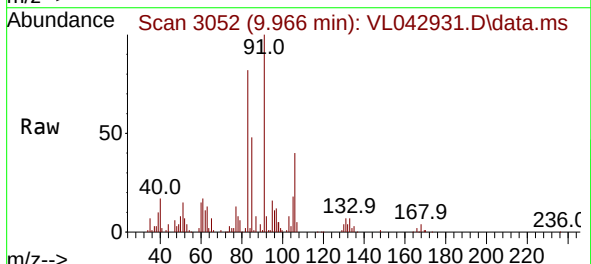
Acq: 17 Sep 2025 11:23

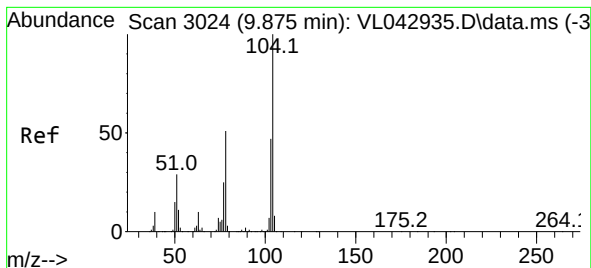
Tgt Ion: 91 Resp: 29945

Ion Ratio Lower Upper

91 100

106 45.3 22.1 66.5





#61

Styrene

Concen: 1.046 ppbv

RT: 9.872 min Scan# 3024

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

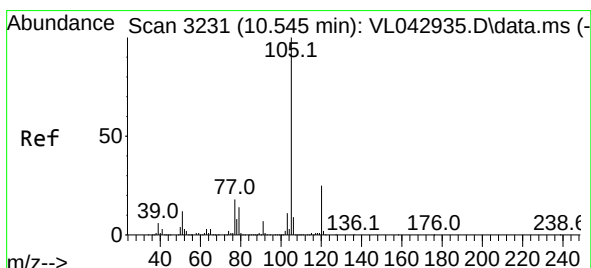
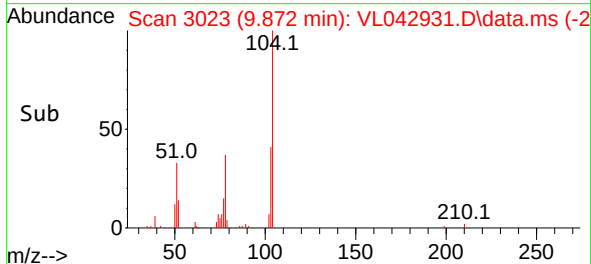
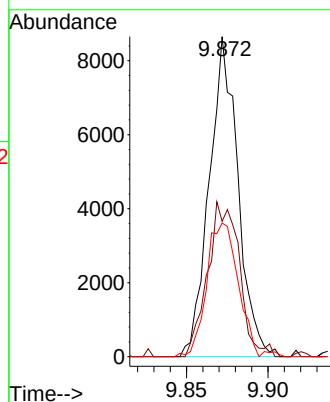
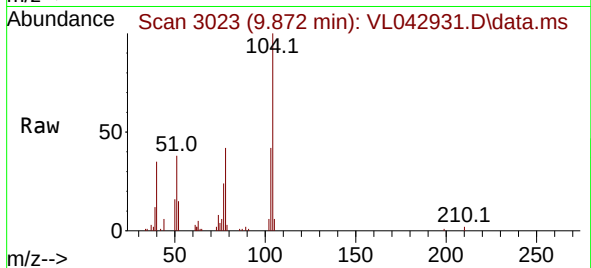
VSTDICC001

Tgt Ion:	104	Resp:	1059
Ion Ratio	Lower	Upper	
104	100		
78	54.0	40.2	60.2
103	46.4	36.8	55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#62

Isopropylbenzene

Concen: 0.829 ppbv

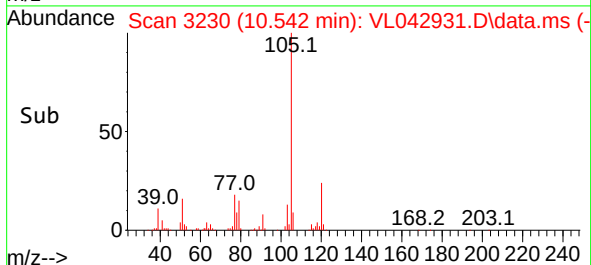
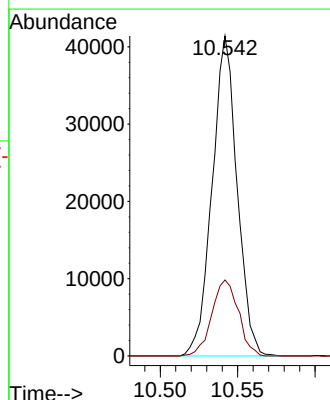
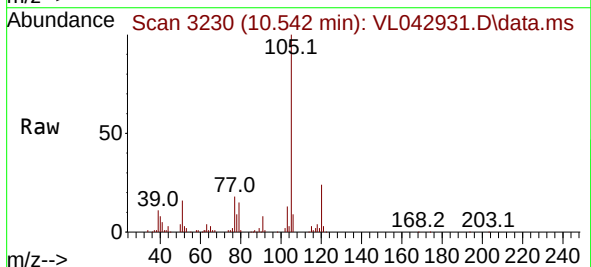
RT: 10.542 min Scan# 3230

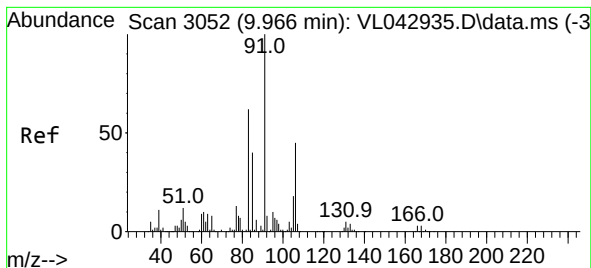
Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

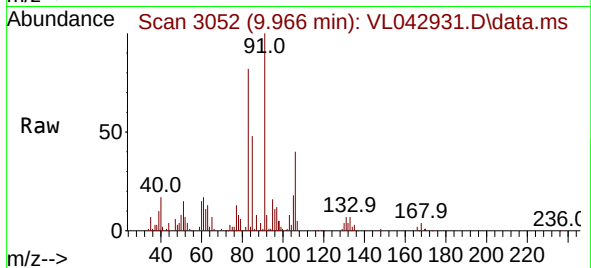
Tgt Ion:	105	Resp:	46332
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.0	30.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.925 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

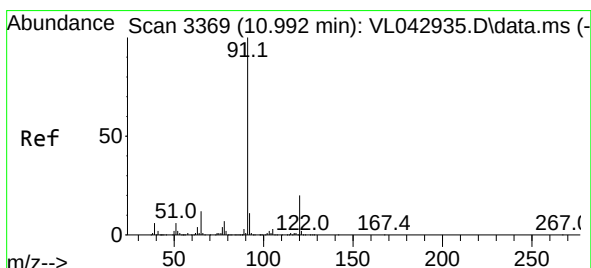
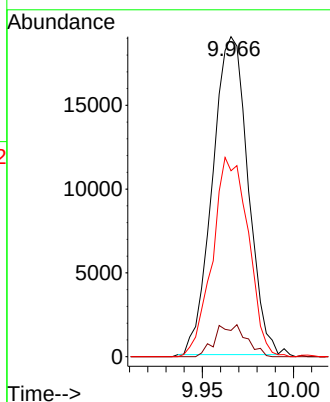
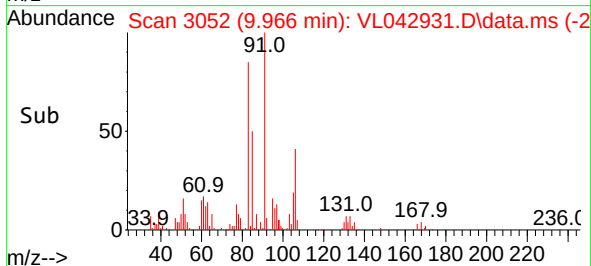
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



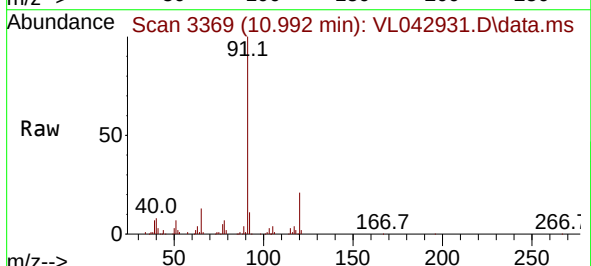
Tgt Ion: 83 Resp: 25640
Ion Ratio Lower Upper
83 100
131 8.9 4.2 12.6
85 63.4 32.6 98.0

Manual Integrations
APPROVED

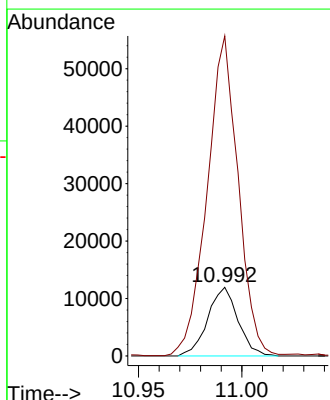
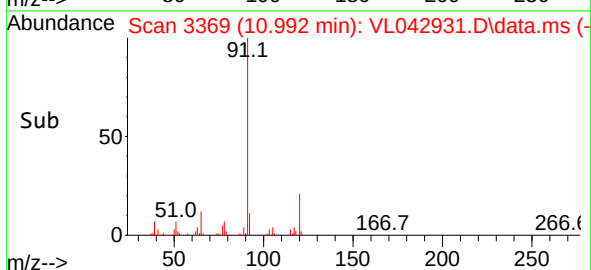
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

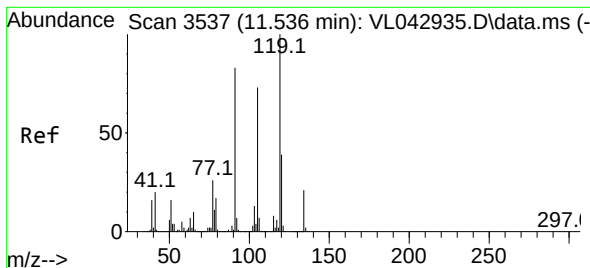


#64
n-propylbenzene
Concen: 0.838 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23



Tgt Ion:120 Resp: 12151
Ion Ratio Lower Upper
120 100
91 483.7 394.6 591.8





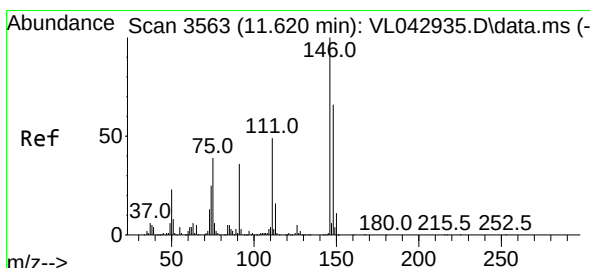
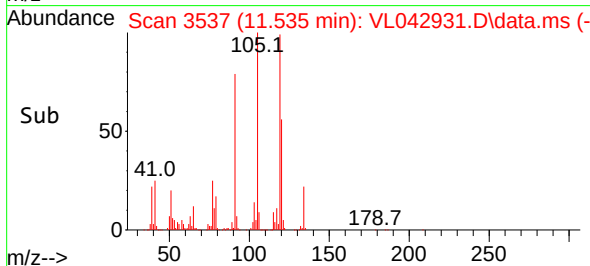
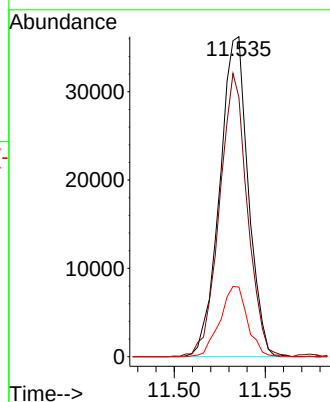
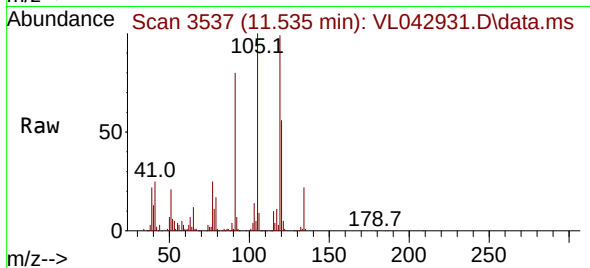
#65
tert-Butylbenzene
Concen: 0.825 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument : MSVOA_L
ClientSampleId : VSTDIC001

Tgt Ion: 119 Resp: 39439
Ion Ratio Lower Upper
119 100
91 86.6 66.0 99.0
134 21.1 16.8 25.2

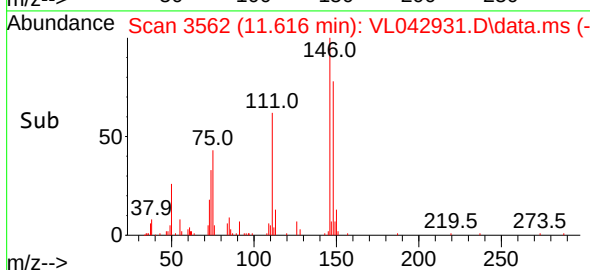
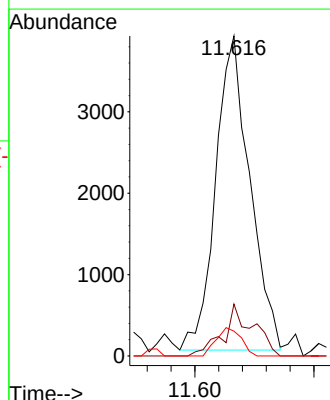
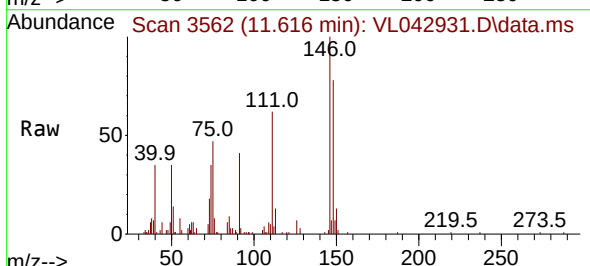
Manual Integrations
APPROVED

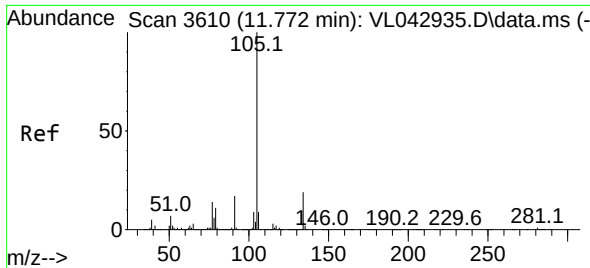
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
Benzyl Chloride
Concen: 0.867 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.004 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

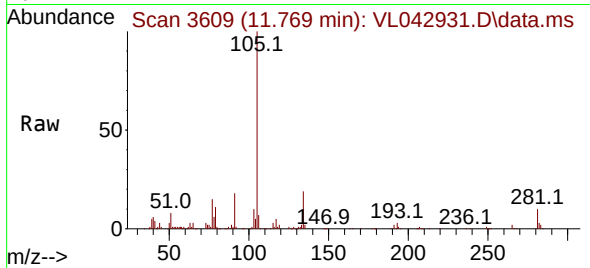
Tgt Ion: 91 Resp: 3848
Ion Ratio Lower Upper
91 100
126 14.3 13.9 20.9
128 6.5 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 0.877 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

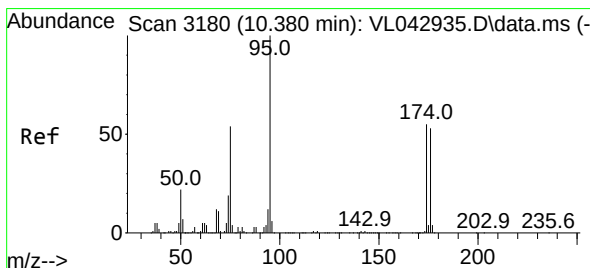
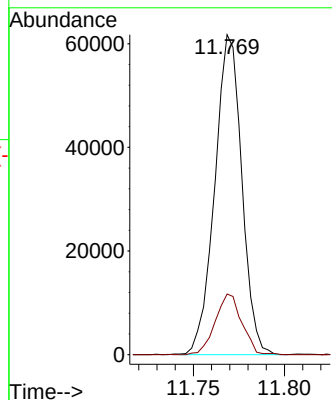
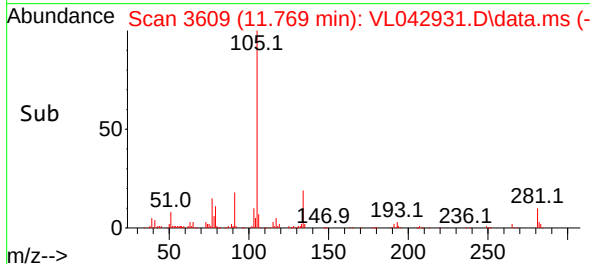
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



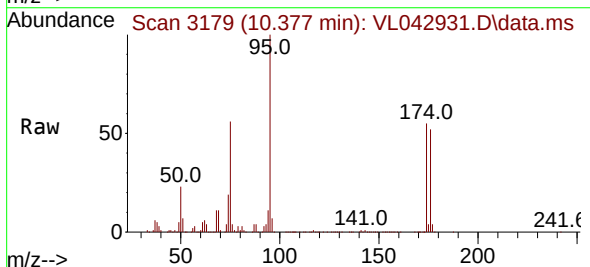
Tgt Ion:105 Resp: 63758
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.3 21.5

Manual Integrations
 APPROVED

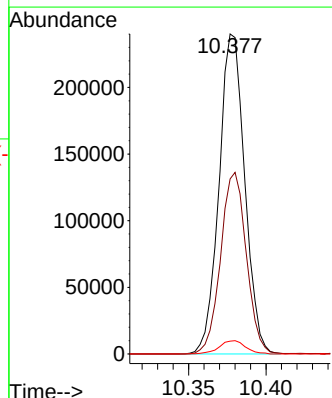
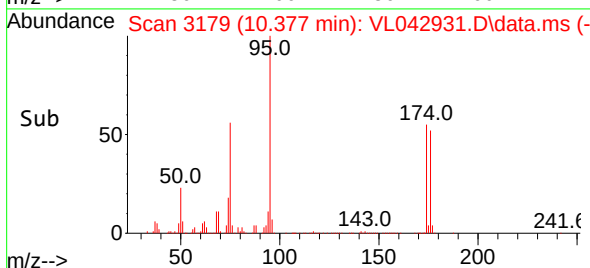
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

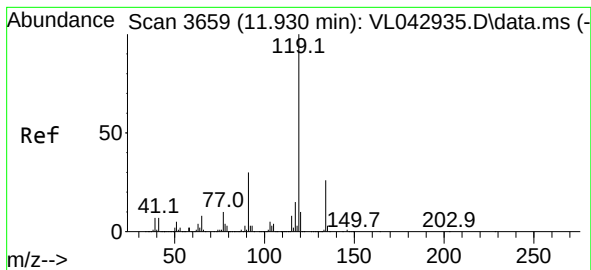


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.003 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23



Tgt Ion: 95 Resp: 277264
 Ion Ratio Lower Upper
 95 100
 174 57.0 44.9 67.3
 175 4.3 3.3 4.9





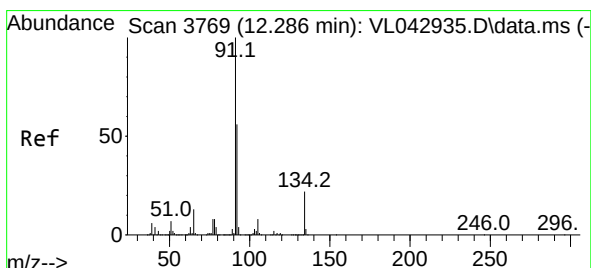
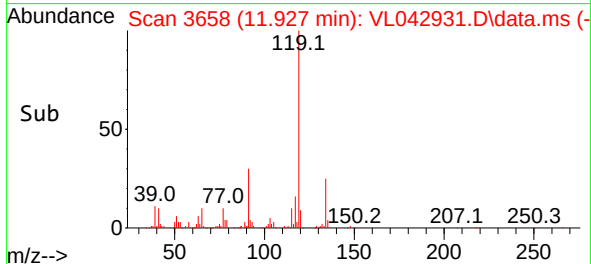
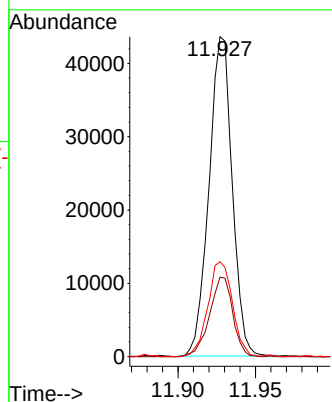
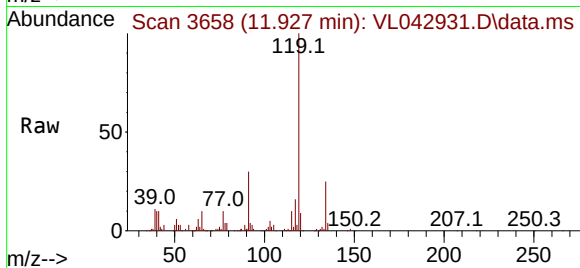
#69
p-Isopropyltoluene
Concen: 0.812 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:	119	Resp:	4547
Ion Ratio	Lower	Upper	
119	100		
134	24.9	20.5	30.7
91	31.7	23.2	34.8

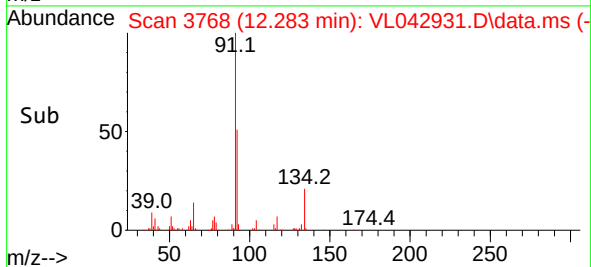
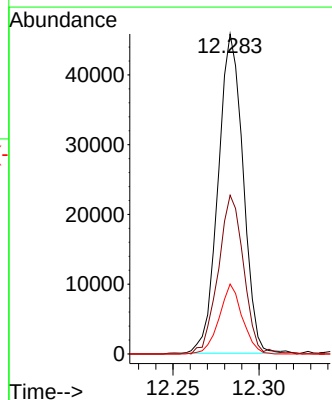
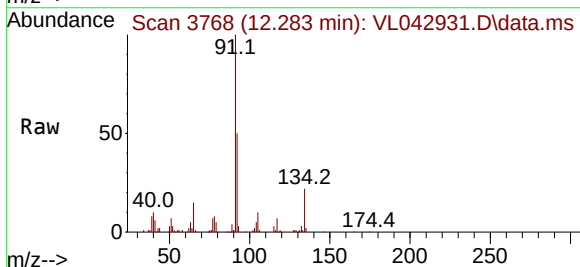
Manual Integrations
APPROVED

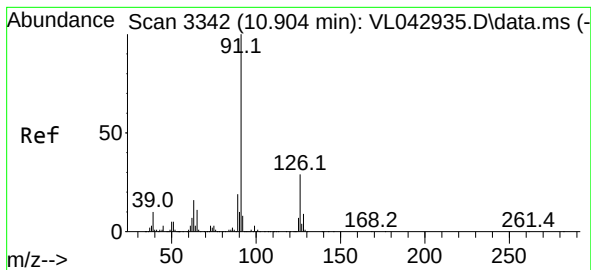
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#70
n-Butylbenzene
Concen: 0.899 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

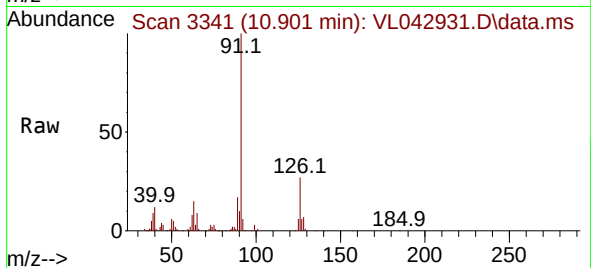
Tgt Ion:	91	Resp:	46106
Ion Ratio	Lower	Upper	
91	100		
92	50.9	43.8	65.8
134	20.4	17.3	25.9





#71
2-Chlorotoluene
Concen: 0.808 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

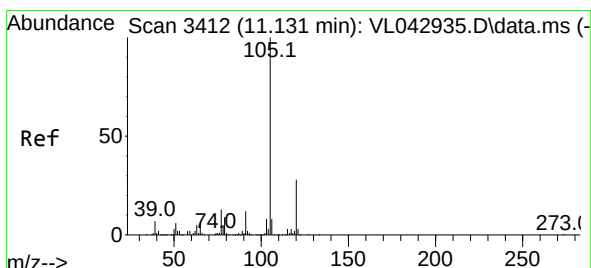
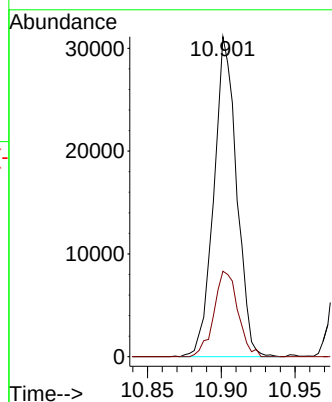
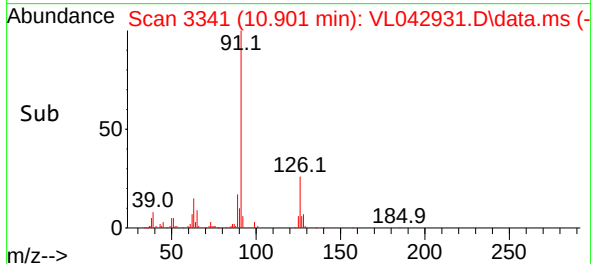
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 91 Resp: 3350
Ion Ratio Lower Upper
91 100
126 28.0 11.5 45.9

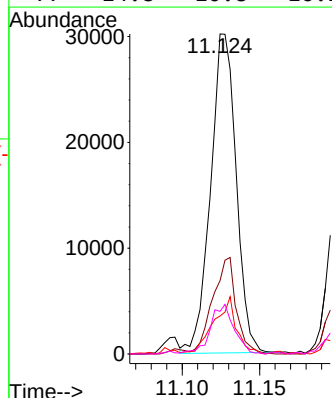
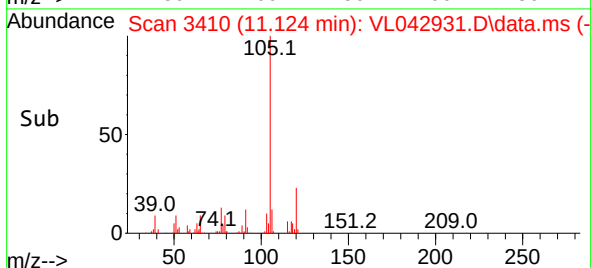
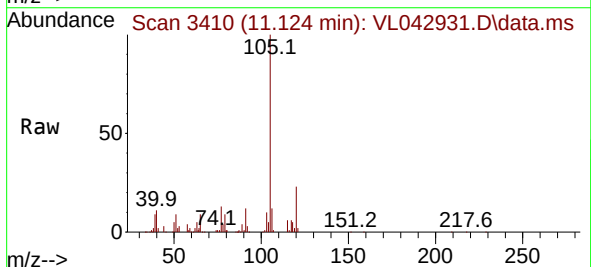
Manual Integrations
APPROVED

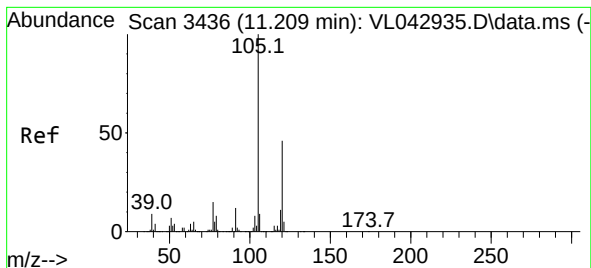
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#72
4-Ethyltoluene
Concen: 0.937 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:105 Resp: 34655
Ion Ratio Lower Upper
105 100
120 28.7 23.1 34.7
91 17.1 10.4 15.6#
77 14.8 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 0.810 ppbv

RT: 11.202 min Scan# 3436

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 30778

Ion Ratio Lower Upper

105 100

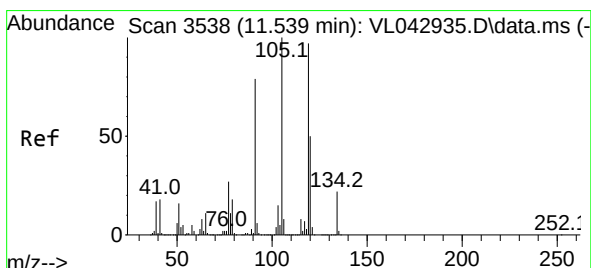
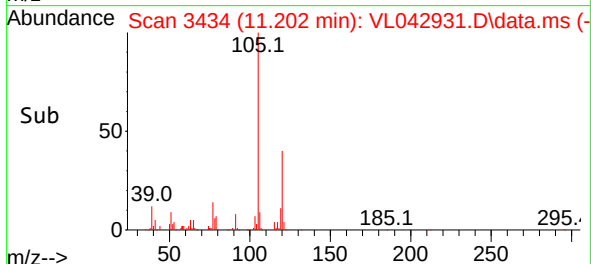
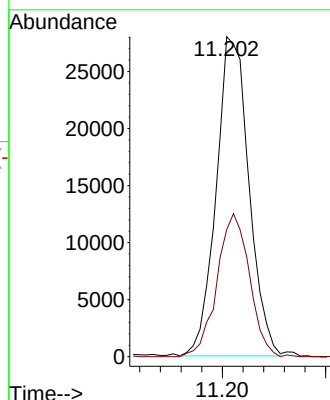
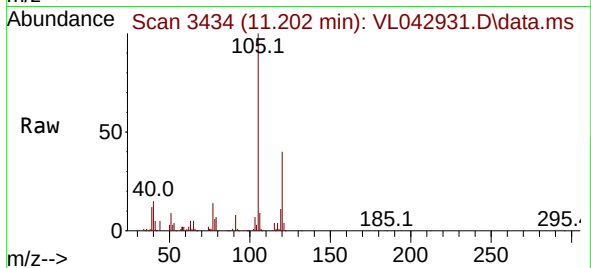
120 39.9 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.853 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Tgt Ion:105 Resp: 38075

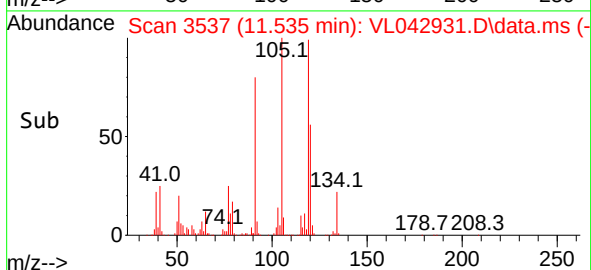
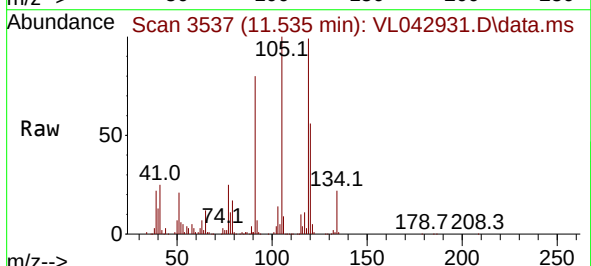
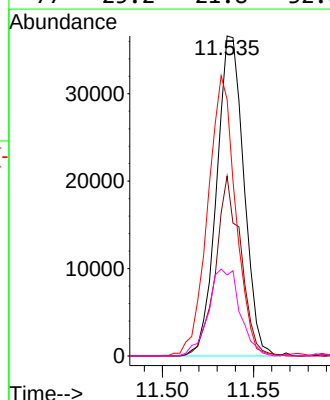
Ion Ratio Lower Upper

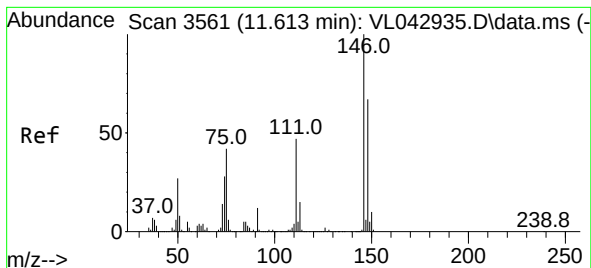
105 100

120 56.2 39.8 59.6

91 80.2 63.1 94.7

77 25.2 21.8 32.6





#75

1,3-Dichlorobenzene

Concen: 0.895 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

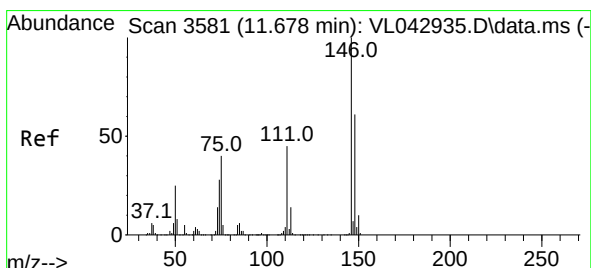
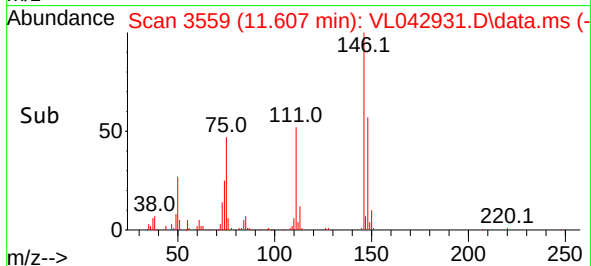
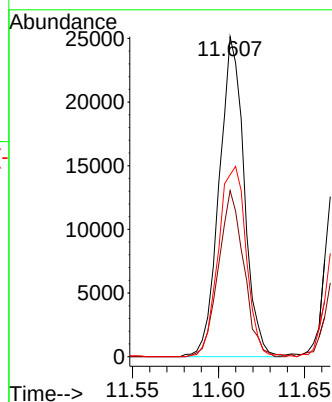
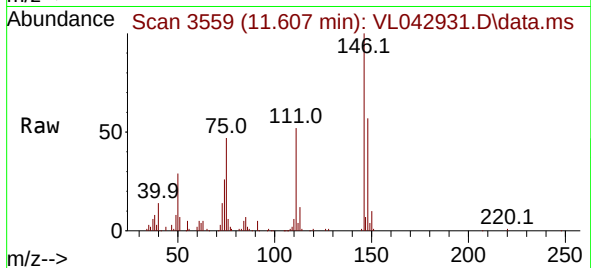
VSTDIC001

Tgt Ion:146	Resp:	2531
Ion Ratio	Lower	Upper
146	100	
111	52.6	24.1 72.2
148	66.2	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#76

1,4-Dichlorobenzene

Concen: 0.879 ppbv

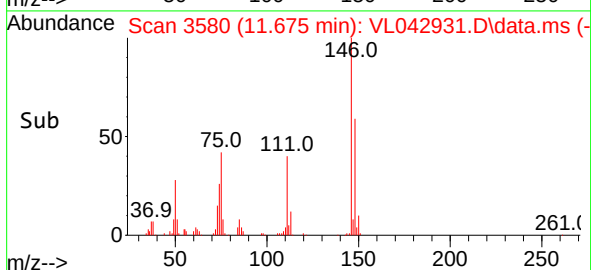
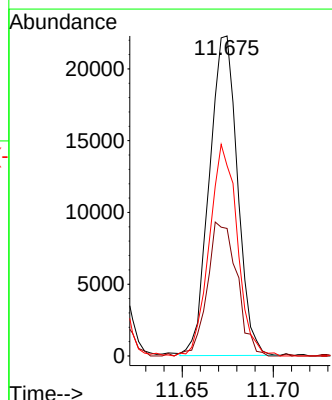
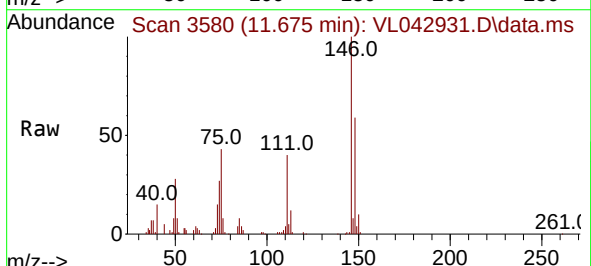
RT: 11.675 min Scan# 3580

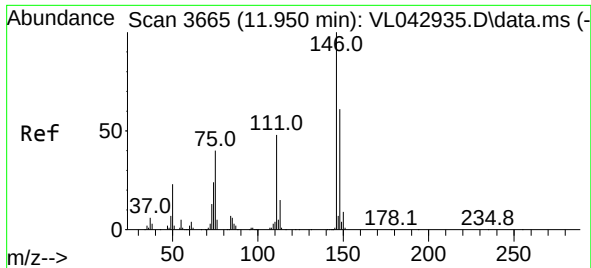
Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Tgt Ion:146	Resp:	23918
Ion Ratio	Lower	Upper
146	100	
111	44.2	23.0 69.0
148	65.6	31.8 95.4





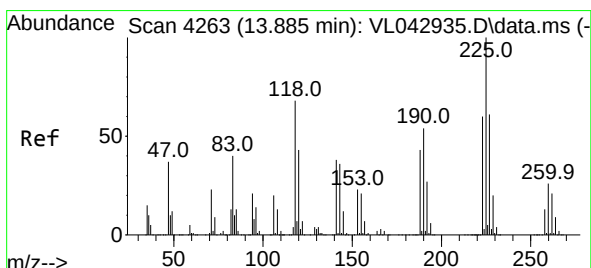
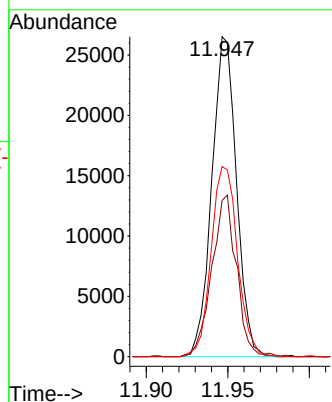
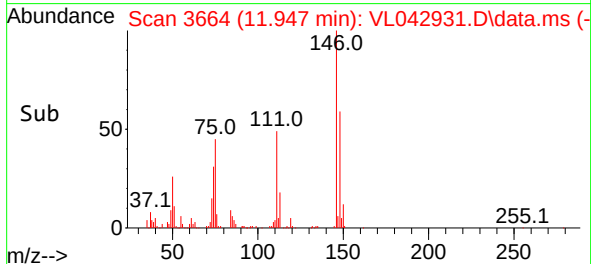
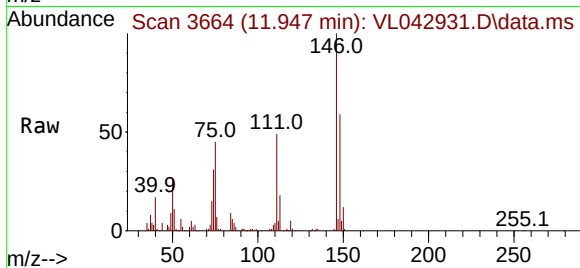
#77
1,2-Dichlorobenzene
Concen: 0.976 ppbv
RT: 11.947 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 27862
Ion Ratio Lower Upper
146 100
111 50.5 24.6 73.8
148 63.6 31.4 94.2

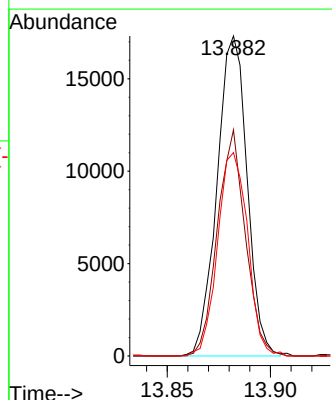
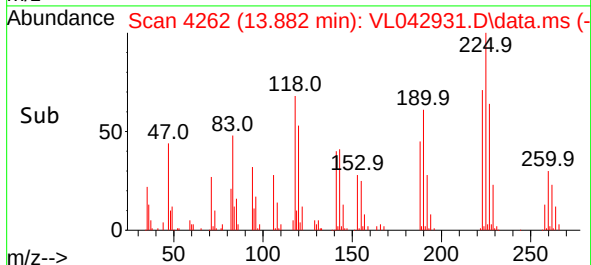
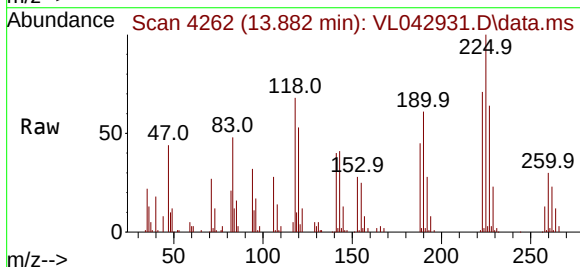
Manual Integrations
APPROVED

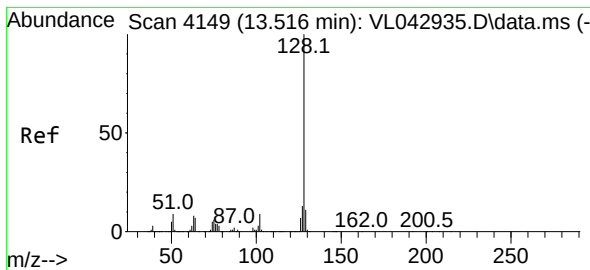
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#78
Hexachloro-1,3-Butadiene
Concen: 0.964 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

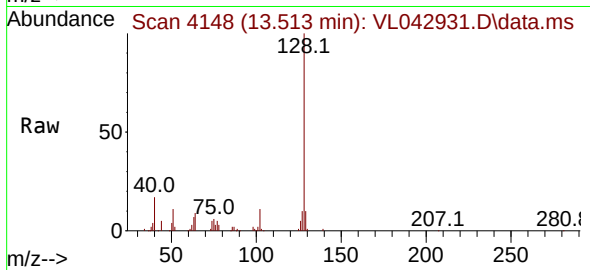
Tgt Ion:225 Resp: 17581
Ion Ratio Lower Upper
225 100
223 65.7 50.6 76.0
227 63.5 50.5 75.7





#79
Naphthalene
Concen: 0.809 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

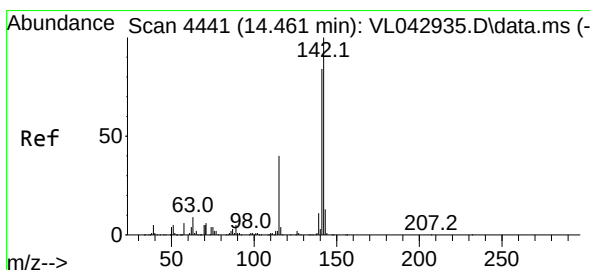
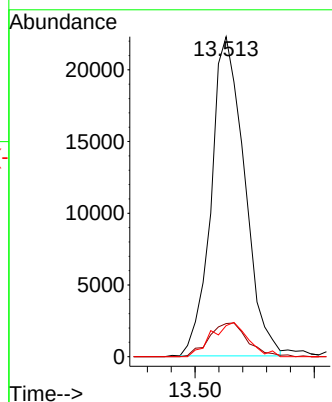
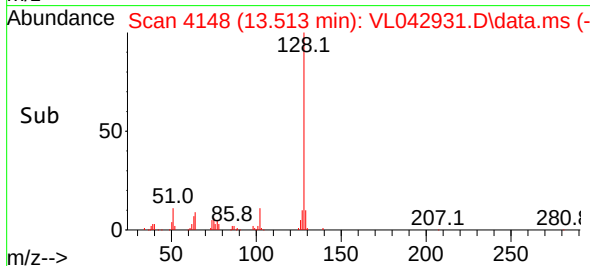
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



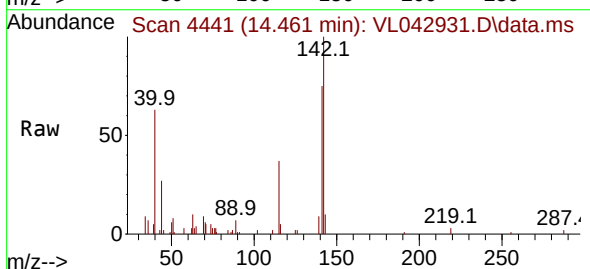
Tgt Ion:128 Resp: 2159
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 9.8 8.7 13.1

Manual Integrations
APPROVED

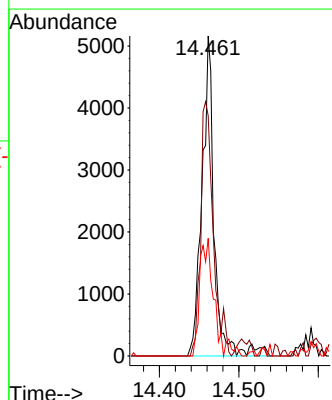
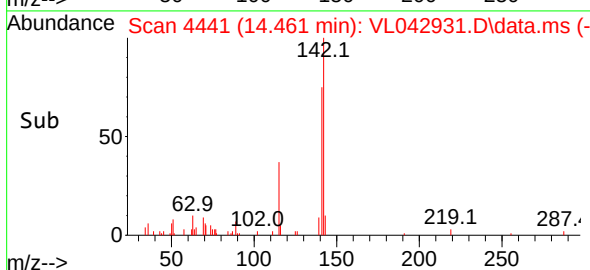
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

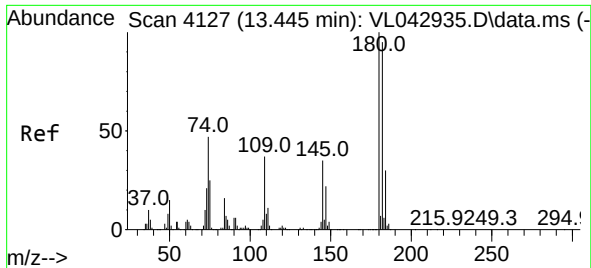


#80
Naphthalene,2-methyl-
Concen: 1.103 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. 0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23



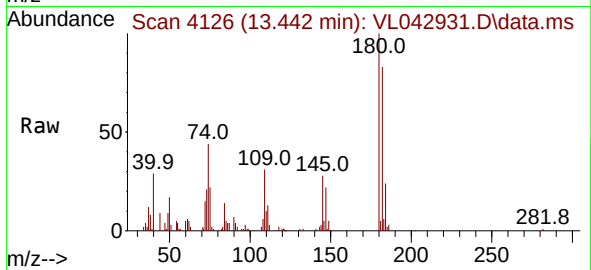
Tgt Ion:142 Resp: 5523
Ion Ratio Lower Upper
142 100
141 89.5 67.0 100.6
115 42.8 32.0 48.0





#81
 1,2,4-Trichlorobenzene
 Concen: 0.977 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 12980
 Ion Ratio Lower Upper
 180 100
 182 90.8 75.5 113.3
 184 33.6 24.6 37.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

