

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087764.D
 Acq On : 09 Sep 2025 09:16
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

Quant Time: Sep 10 02:26:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	51239	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	262160	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	242046	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	126998	29.015	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.700%		
60) 4-Bromofluorobenzene	12.829	95	115977	29.800	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.333%		
63) Toluene-d8	10.547	98	341405	30.330	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	57253	17.978	ug/l	96
3) Chloromethane	2.383	50	62868	18.806	ug/l	98
4) Vinyl Chloride	2.542	62	67036	17.739	ug/l	99
5) Bromomethane	2.989	94	40558	18.295	ug/l	93
6) Chloroethane	3.142	64	44957	17.406	ug/l	93
7) Trichlorofluoromethane	3.512	101	101776	18.374	ug/l	96
8) Diethyl Ether	3.959	74	41114	17.577	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	57742m	19.246	ug/l	
10) 1,1-Dichloroethene	4.342	96	54769	17.706	ug/l #	94
11) Methyl Iodide	4.577	142	35256	16.102	ug/l	94
12) Methyl Acetate	5.018	43	82481	17.298	ug/l	100
13) Acrolein	4.177	56	71932m	84.727	ug/l	
14) Acrylonitrile	5.706	53	182873	89.101	ug/l	99
15) Acetone	4.418	58	63928	99.846	ug/l	95
16) Carbon Disulfide	4.706	76	153619	18.088	ug/l #	87
17) Allyl chloride	5.018	41	90114	17.836	ug/l	95
18) Methylene Chloride	5.265	84	63557	18.139	ug/l	91
19) trans-1,2-Dichloroethene	5.771	96	57522	18.234	ug/l	97
20) Diisopropyl ether	6.659	45	201290	17.325	ug/l	93
21) 1,1-Dichloroethane	6.547	63	115505	18.154	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	70123	18.313	ug/l	96
23) tert-Butyl Alcohol	5.512	59	59833	82.469	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	195237	17.679	ug/l #	72
25) Chloroform	7.947	83	124139	18.640	ug/l	94
26) Cyclohexane	8.236	56	86029	17.755	ug/l #	99
29) 1,1-Dichloropropene	8.347	75	76579	17.974	ug/l	97
30) 2-Butanone	7.471	43	260251	88.672	ug/l	98
31) 2,2-Dichloropropane	7.471	77	95194	18.535	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	98820	18.295	ug/l	98
33) Carbon Tetrachloride	8.341	117	81999	18.207	ug/l	94
34) Benzene	8.588	78	254192	18.460	ug/l #	94
35) Methacrylonitrile	7.759	41	53999	17.589	ug/l	96
36) 1,2-Dichloroethane	8.653	62	96363	18.527	ug/l	95
37) Trichloroethene	9.335	130	56464	18.344	ug/l	92
38) Methylcyclohexane	9.582	83	82173	17.516	ug/l	95
39) 1,2-Dichloropropane	9.606	63	65381	18.539	ug/l	99
40) Dibromomethane	9.694	93	46452	17.699	ug/l	97
41) Bromodichloromethane	9.865	83	97364	18.150	ug/l	94
42) Vinyl Acetate	6.589	43	881692	89.910	ug/l	99

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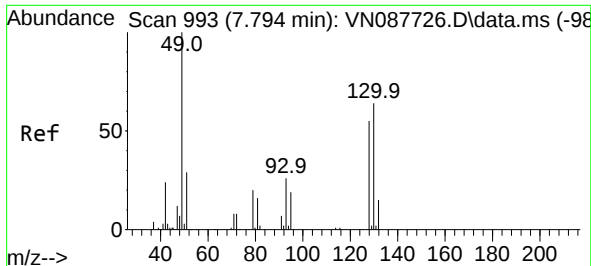
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/10/2025

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	104854	17.486	ug/l	99
44) Isopropyl Acetate	8.671	43	168484	17.923	ug/l	99
45) 1,4-Dioxane	9.677	88	19295	325.472	ug/l #	96
46) Methyl methacrylate	9.659	41	78104	18.025	ug/l	99
47) n-amyl Acetate	12.523	43	123270m	19.405	ug/l	
48) t-1,3-Dichloropropene	10.812	75	101989	18.305	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	103385	18.117	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	61761	18.219	ug/l	95
51) Ethyl methacrylate	10.859	69	89910	17.043	ug/l	97
52) 1,3-Dichloropropane	11.141	76	107727	18.301	ug/l	99
53) Dibromochloromethane	11.335	129	70647	18.587	ug/l	90
54) 1,2-Dibromoethane	11.447	107	65533	18.579	ug/l	93
55) 2-Chloroethyl vinyl ether	10.141	63	269957	89.311	ug/l	98
56) Bromoform	12.559	173	43837	17.661	ug/l	94
58) 4-Methyl-2-Pentanone	10.424	43	512884	89.616	ug/l	99
59) 2-Hexanone	11.177	43	339472	90.774	ug/l	99
61) Tetrachloroethene	11.082	164	46125	19.140	ug/l	93
62) Toluene	10.606	91	271811	18.565	ug/l	100
64) Chlorobenzene	11.871	112	164674	18.326	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.941	131	57329	18.121	ug/l	99
66) Ethyl Benzene	11.941	91	292730	18.533	ug/l	92
67) m/p-Xylenes	12.053	106	214058	36.509	ug/l	95
68) o-Xylene	12.376	106	103412	18.191	ug/l	95
69) Styrene	12.394	104	178905	18.107	ug/l	98
70) Isopropylbenzene	12.671	105	267393	18.550	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	98076	18.926	ug/l	97
72) 1,2,3-Trichloropropane	12.970	75	91843m	18.051	ug/l	
73) Bromobenzene	12.959	156	62308	17.668	ug/l	96
74) n-propylbenzene	13.012	91	337742	18.570	ug/l	99
75) 2-Chlorotoluene	13.106	91	198446	18.129	ug/l	96
76) 1,3,5-Trimethylbenzene	13.147	105	229034	18.816	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	35786	20.838	ug/l	98
78) 4-Chlorotoluene	13.200	91	212405	19.247	ug/l	96
79) tert-butylbenzene	13.412	119	190591	18.696	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	227309	18.215	ug/l	100
81) sec-Butylbenzene	13.594	105	281977	18.806	ug/l	99
82) p-Isopropyltoluene	13.706	119	234710	18.998	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	126385	18.589	ug/l	100
84) 1,4-Dichlorobenzene	13.794	146	124925	18.331	ug/l	98
85) n-Butylbenzene	14.029	91	229313	19.310	ug/l	98
86) Hexachloroethane	14.312	117	48607	19.370	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	121893	19.009	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	20731	18.027	ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	67684	18.558	ug/l	99
90) Hexachlorobutadiene	15.470	225	27090	22.156	ug/l	92
91) Naphthalene	15.611	128	236198	17.591	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	67684	18.558	ug/l	99

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



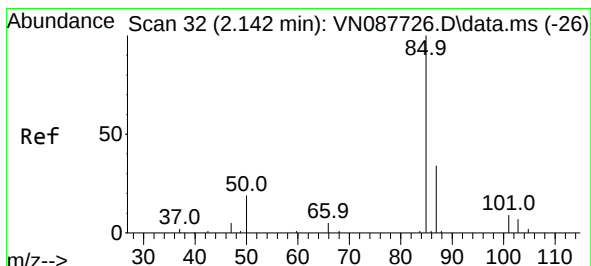
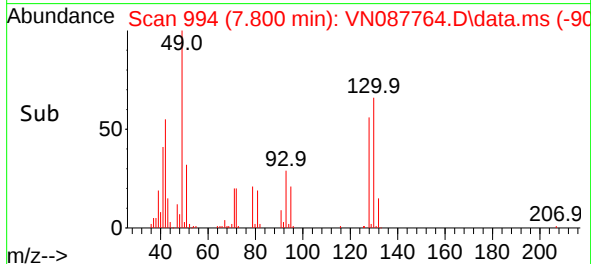
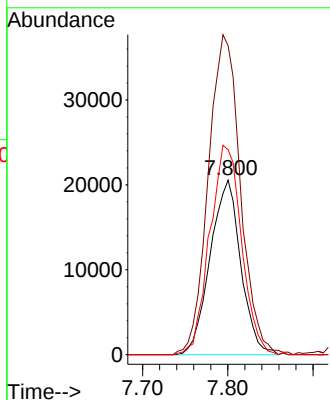
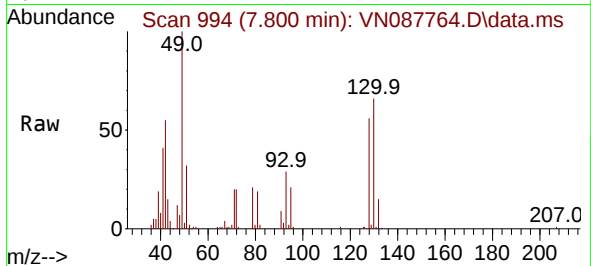
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
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VSTDCCC020

Tgt Ion:128 Resp: 51239
Ion Ratio Lower Upper
128 100
49 192.7 0.0 464.3
130 125.0 0.0 300.5

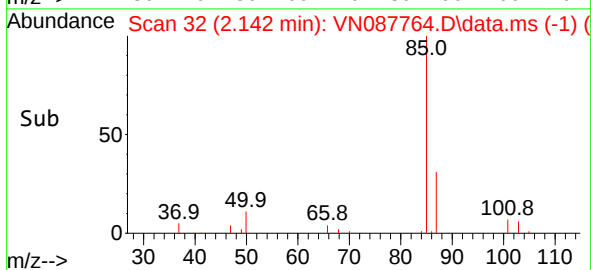
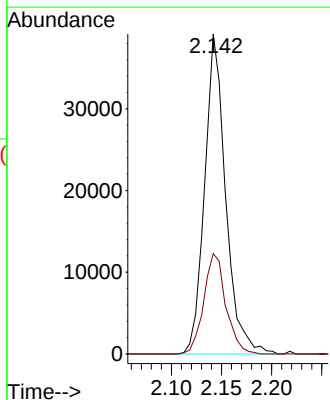
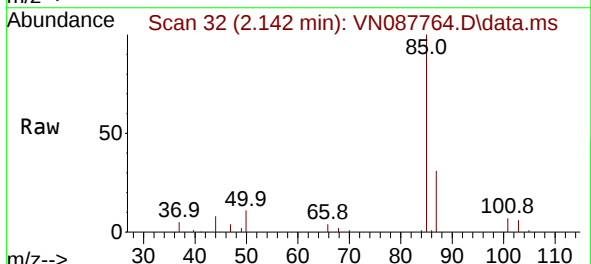
Manual Integrations
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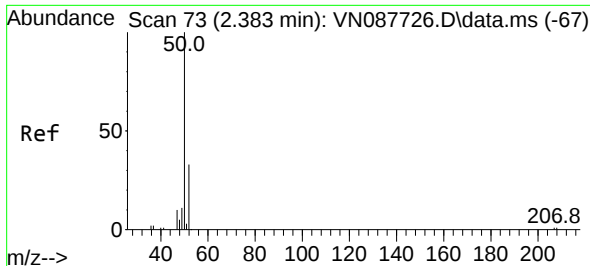
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#2
Dichlorodifluoromethane
Concen: 17.978 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

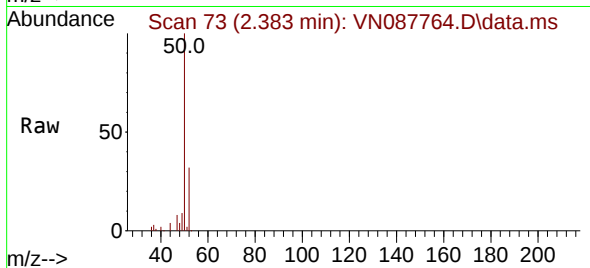
Tgt Ion: 85 Resp: 57253
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.4





#3
Chloromethane
Concen: 18.806 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

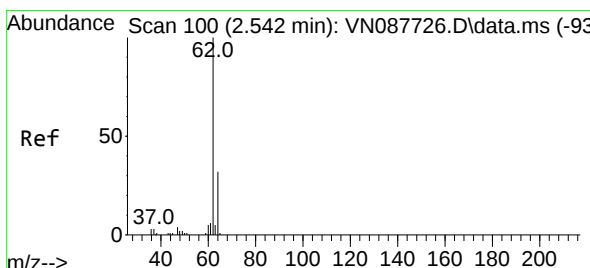
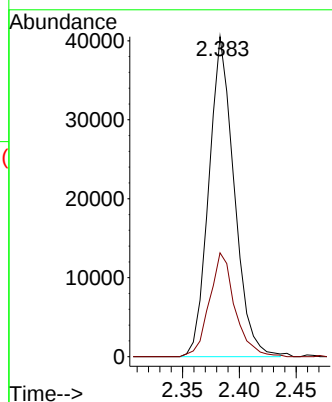
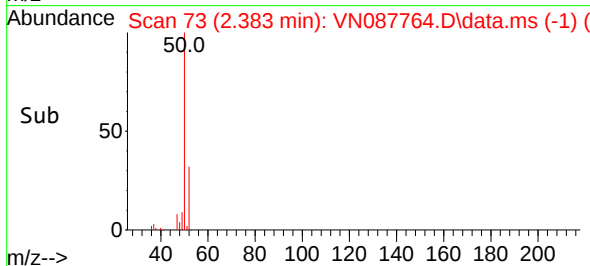
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



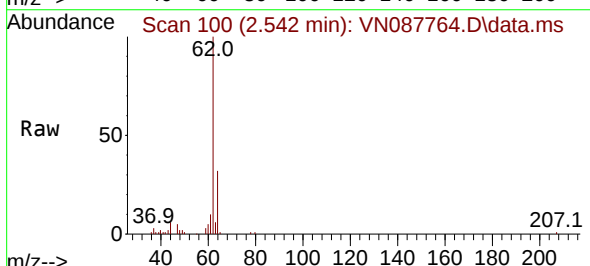
Tgt Ion: 50 Resp: 6286
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0

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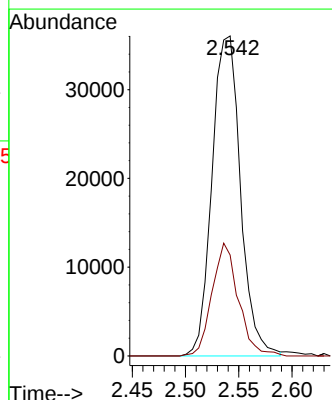
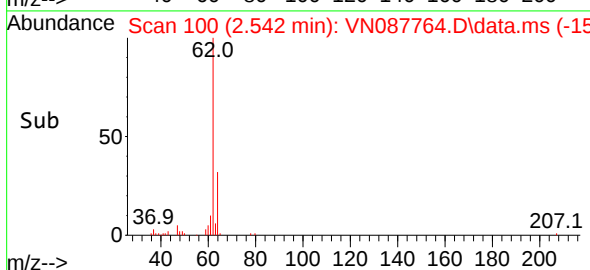
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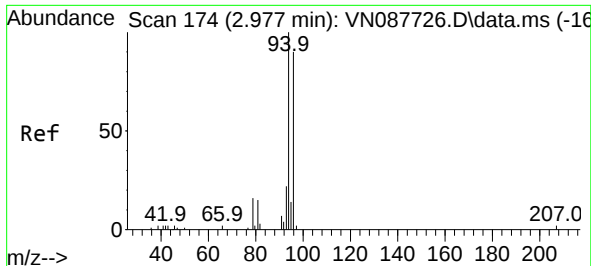


#4
Vinyl Chloride
Concen: 17.739 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



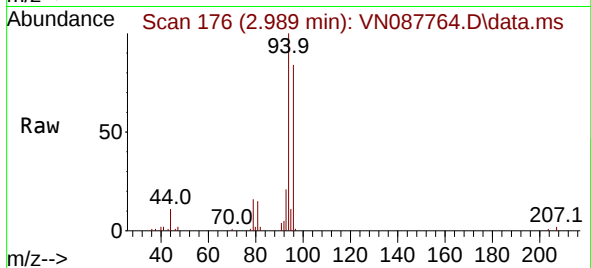
Tgt Ion: 62 Resp: 67036
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3





#5
Bromomethane
Concen: 18.295 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

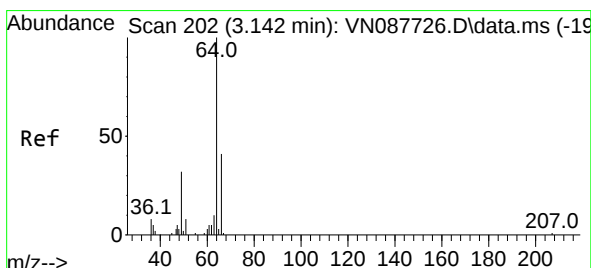
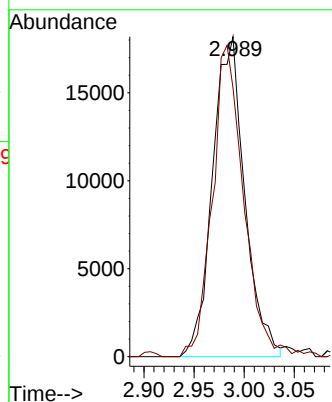
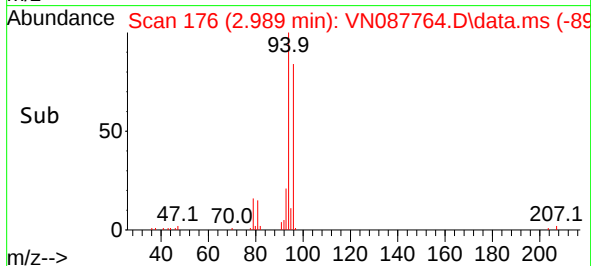
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 40558
Ion Ratio Lower Upper
94 100
96 84.0 72.2 108.4

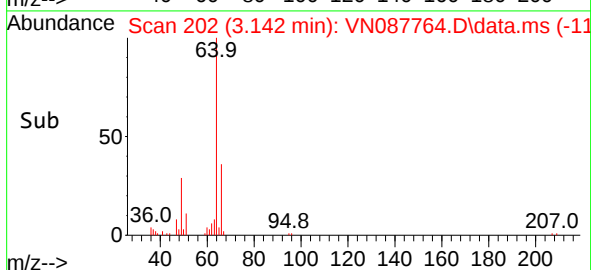
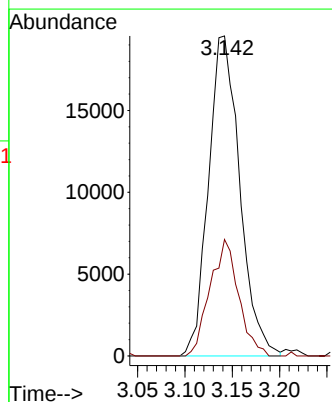
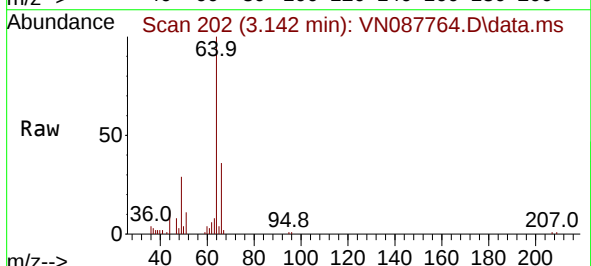
Manual Integrations
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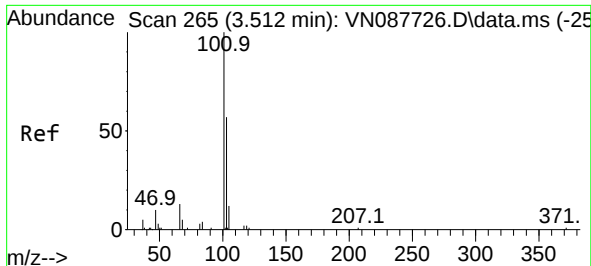
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#6
Chloroethane
Concen: 17.406 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

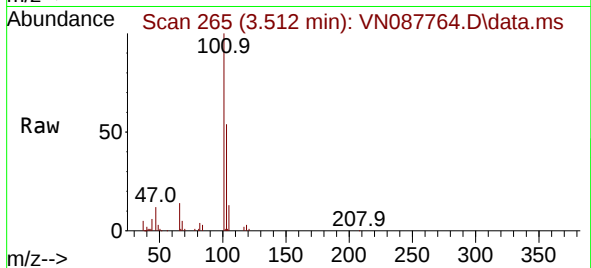
Tgt Ion: 64 Resp: 44957
Ion Ratio Lower Upper
64 100
66 36.4 32.8 49.2





#7
 Trichlorofluoromethane
 Concen: 18.374 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16

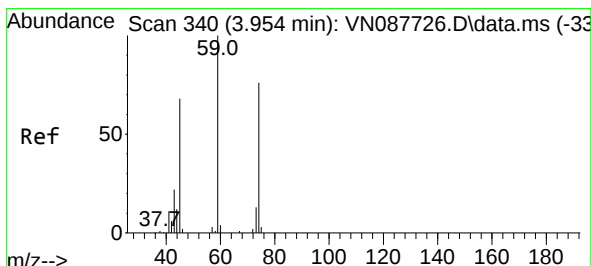
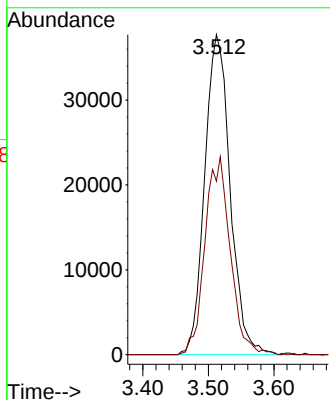
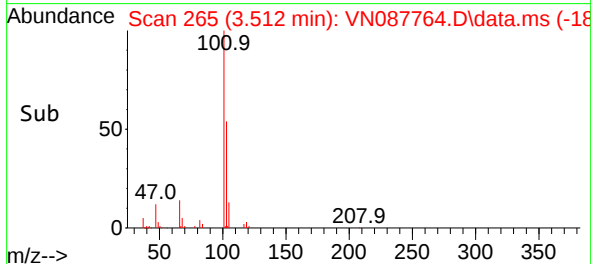
Instrument :
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Tgt Ion: 101 Resp: 101776
 Ion Ratio Lower Upper
 101 100
 103 54.2 45.7 68.5

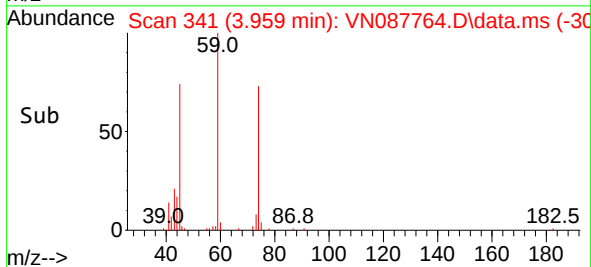
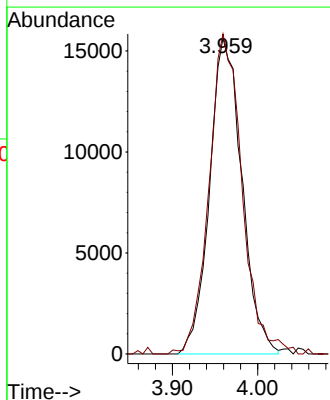
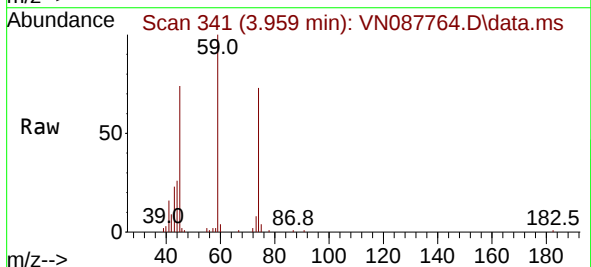
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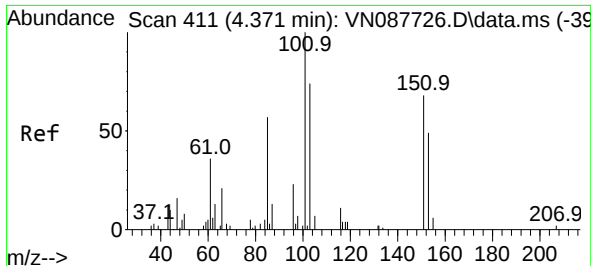
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025



#8
 Diethyl Ether
 Concen: 17.577 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16

Tgt Ion: 74 Resp: 41114
 Ion Ratio Lower Upper
 74 100
 45 102.0 20.4 183.8





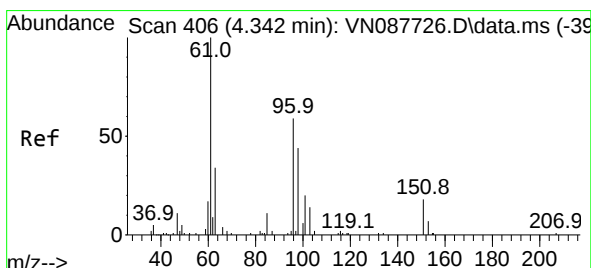
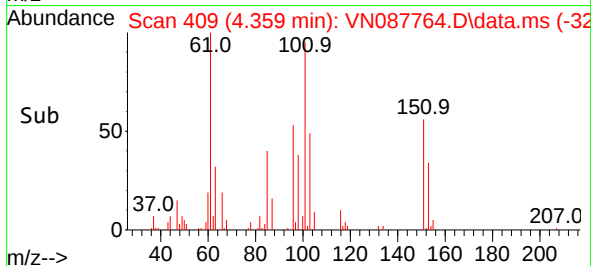
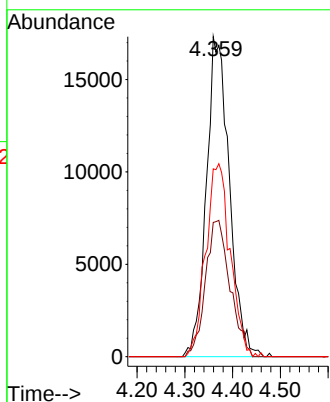
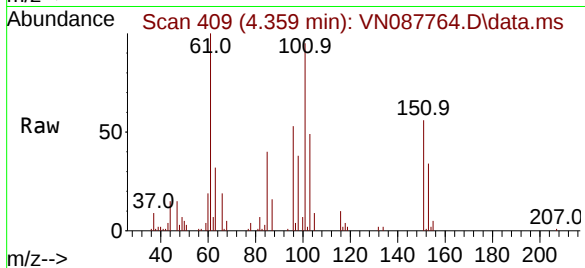
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1,1,2-Trichlorotrifluoroethane
Concen: 19.246 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 5774
Ion Ratio Lower Upper
101 100
85 44.3 0.0 95.6
151 64.0 0.0 85.8

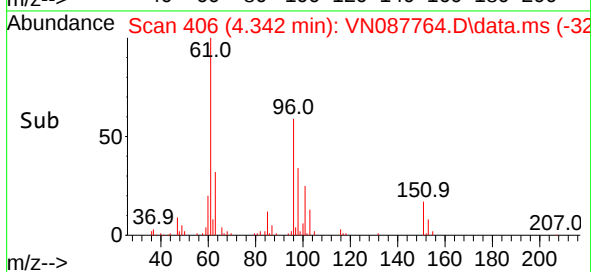
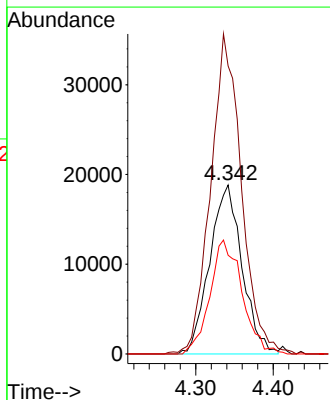
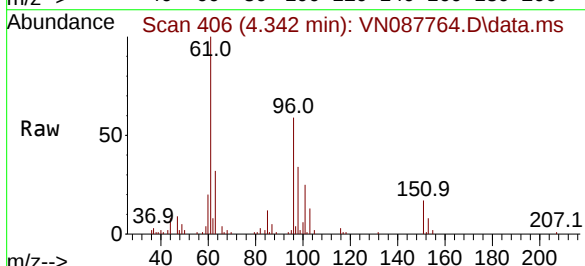
Manual Integrations
APPROVED

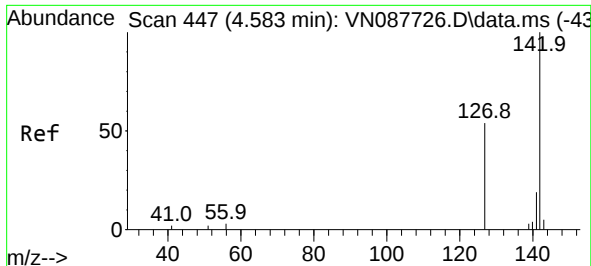
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#10
1,1-Dichloroethene
Concen: 17.706 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

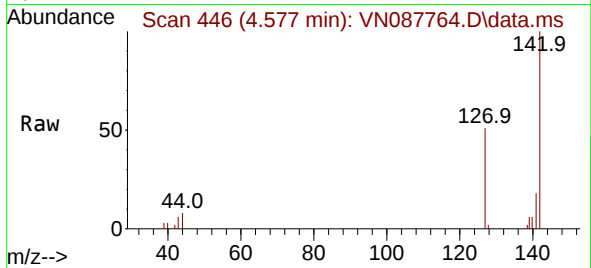
Tgt Ion: 96 Resp: 54769
Ion Ratio Lower Upper
96 100
61 169.6 135.9 203.9
98 58.5 59.2 88.8#





#11
Methyl Iodide
Concen: 16.102 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

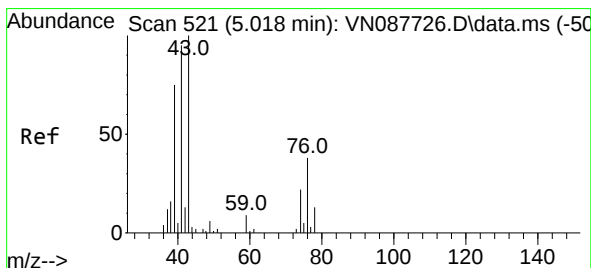
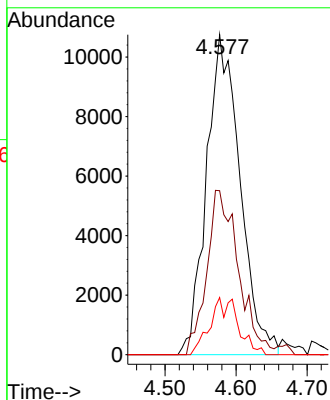
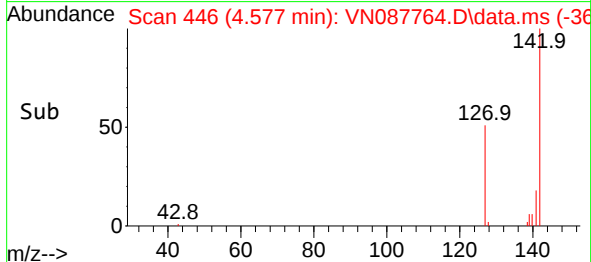
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 35250
Ion Ratio Lower Upper
142 100
127 50.5 27.9 83.7
141 18.1 9.6 28.8

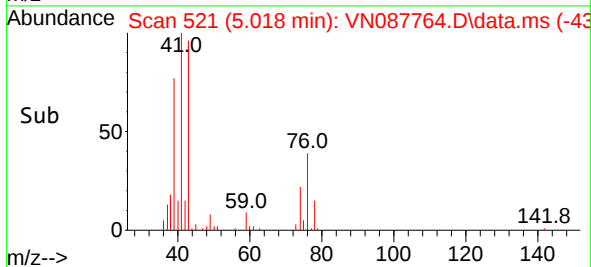
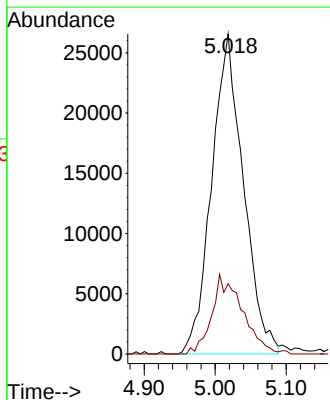
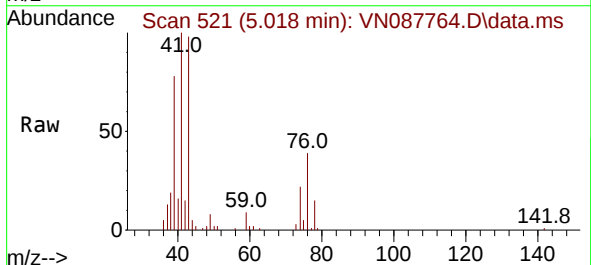
Manual Integrations
APPROVED

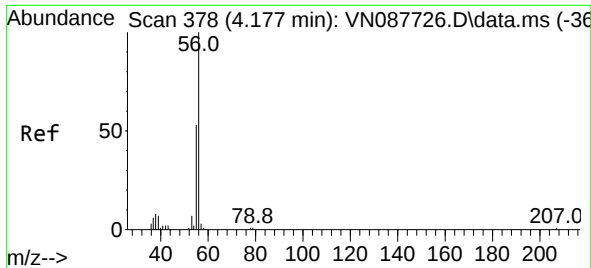
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#12
Methyl Acetate
Concen: 17.298 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 43 Resp: 82481
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





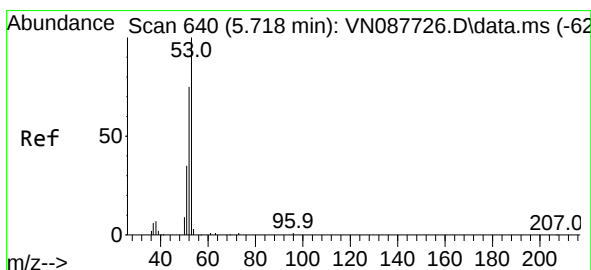
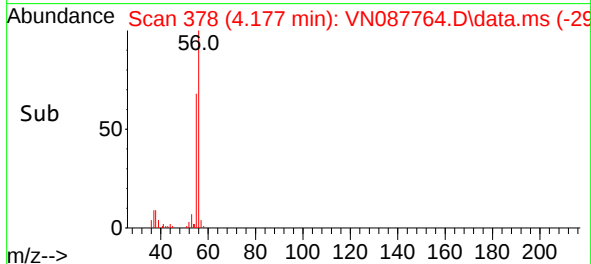
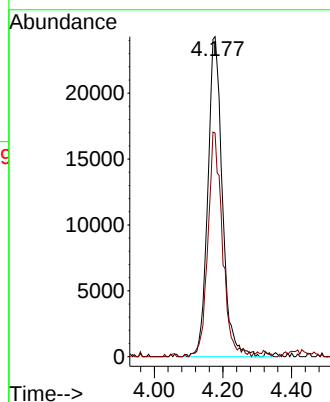
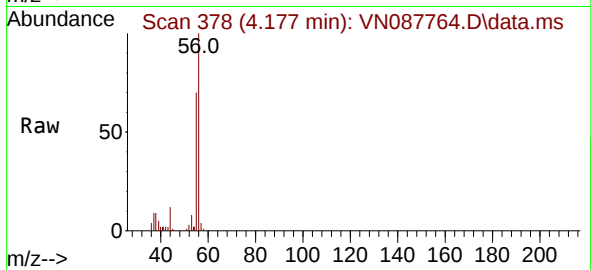
#13
Acrolein
Concen: 84.727 ug/l m
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 71932
Ion Ratio Lower Upper
56 100
55 0.1 28.6 42.8

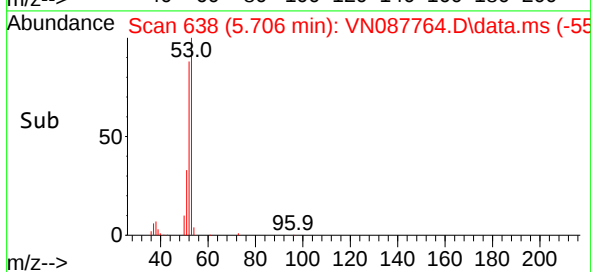
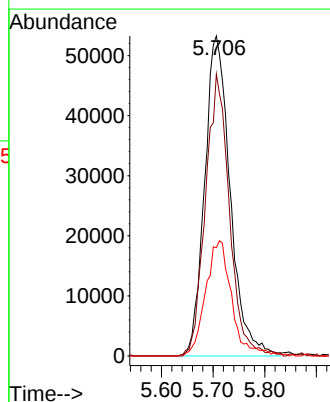
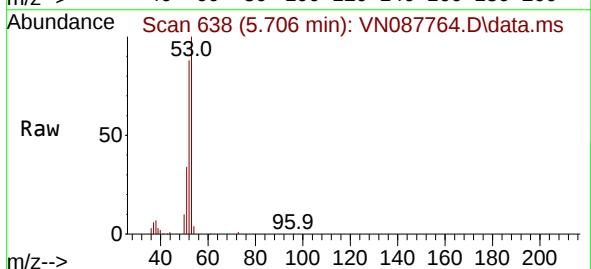
Manual Integrations
APPROVED

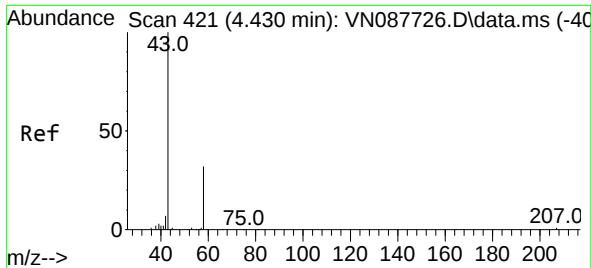
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#14
Acrylonitrile
Concen: 89.101 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

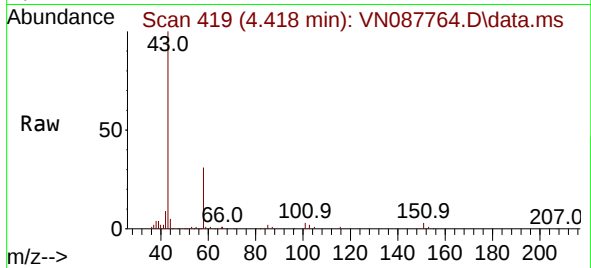
Tgt Ion: 53 Resp: 182873
Ion Ratio Lower Upper
53 100
52 82.1 40.9 122.7
51 34.5 18.1 54.1





#15
Acetone
Concen: 99.846 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

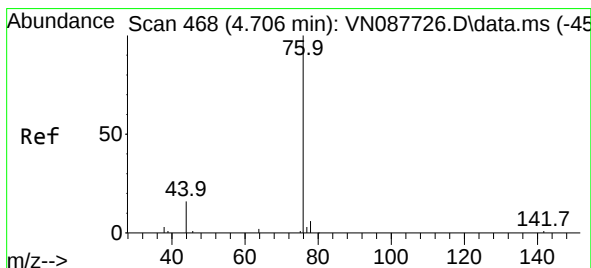
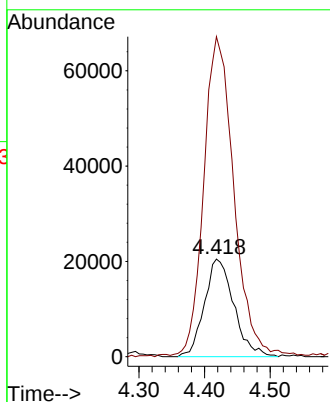
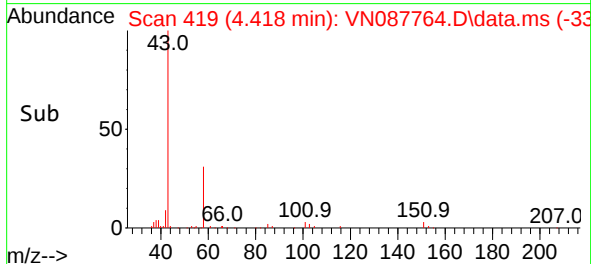
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 63928
Ion Ratio Lower Upper
58 100
43 324.3 250.6 376.0

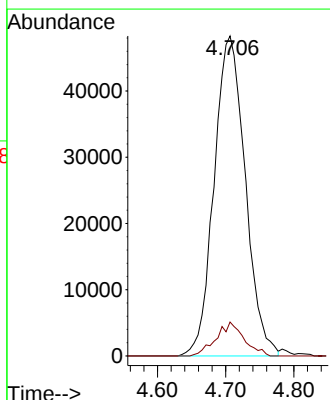
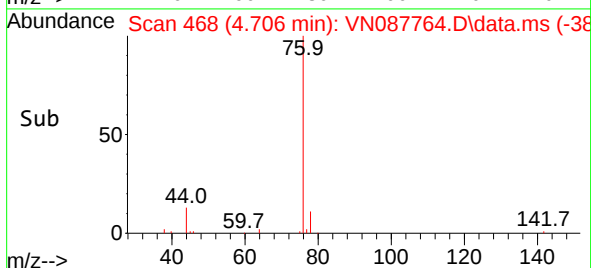
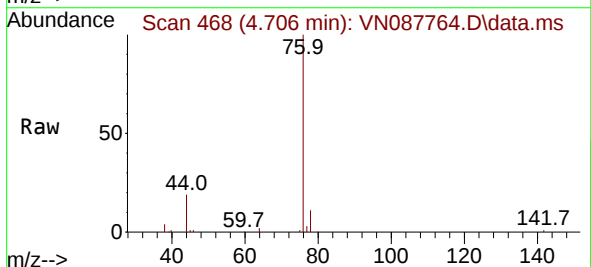
Manual Integrations
APPROVED

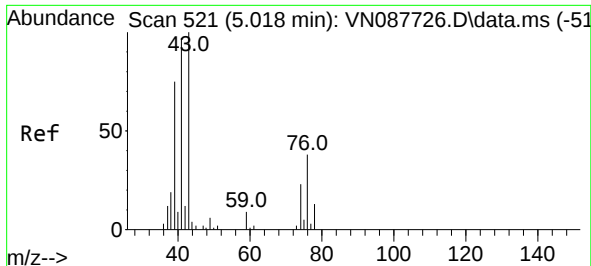
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#16
Carbon Disulfide
Concen: 18.088 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

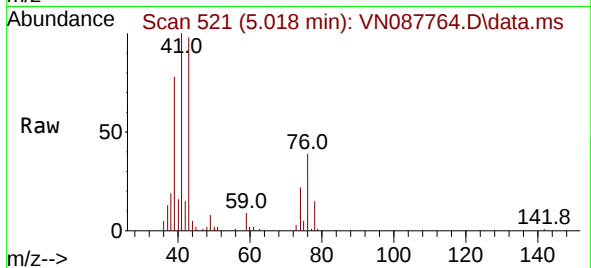
Tgt Ion: 76 Resp: 153619
Ion Ratio Lower Upper
76 100
78 10.6 5.0 7.6#





#17
 Allyl chloride
 Concen: 17.836 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16

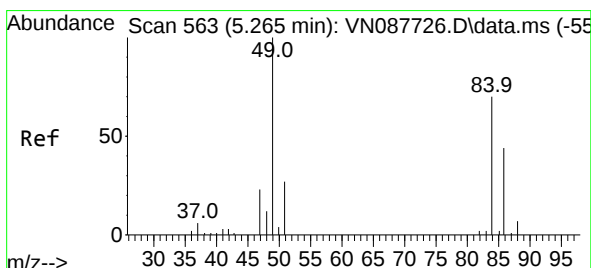
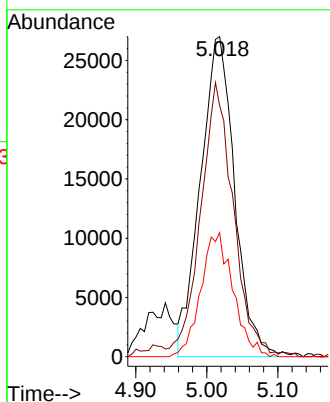
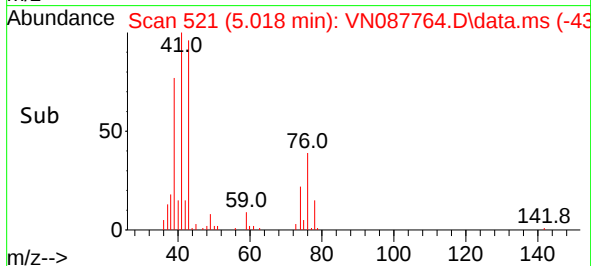
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



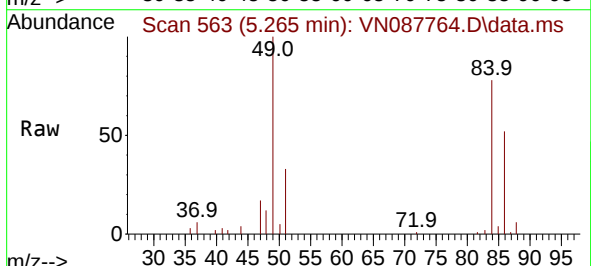
Tgt Ion: 41 Resp: 90114
 Ion Ratio Lower Upper
 41 100
 39 77.8 36.7 110.1
 76 39.0 18.3 54.8

Manual Integrations
 APPROVED

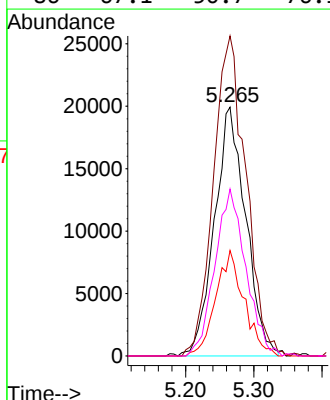
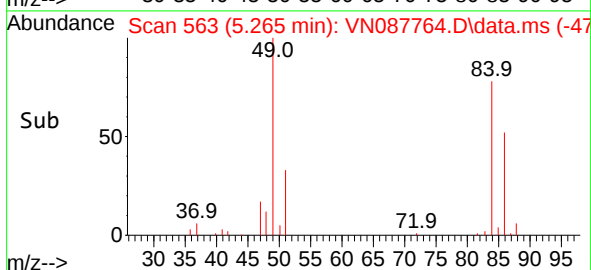
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

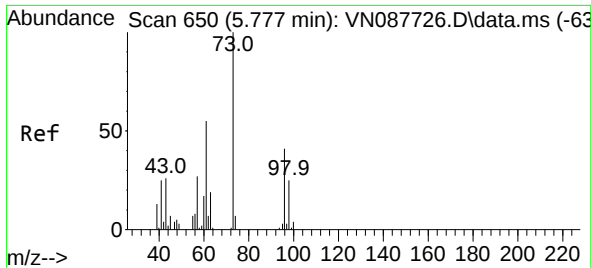


#18
 Methylene Chloride
 Concen: 18.139 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16



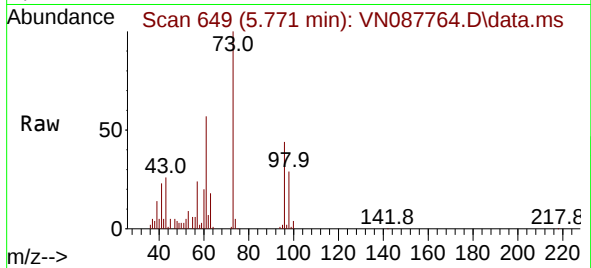
Tgt Ion: 84 Resp: 63557
 Ion Ratio Lower Upper
 84 100
 49 128.6 114.1 171.1
 51 42.4 30.2 45.4
 86 67.1 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 18.234 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

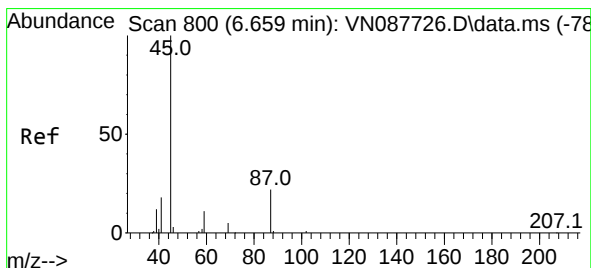
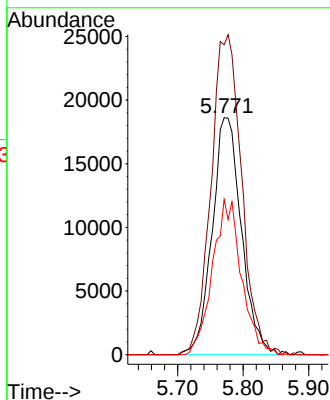
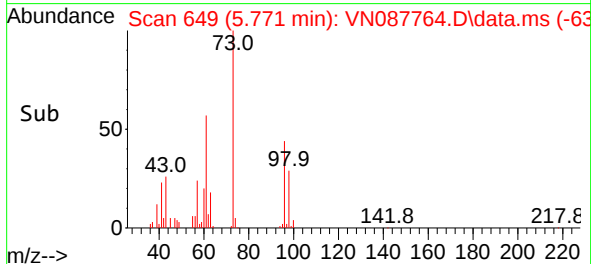
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 5752
Ion Ratio Lower Upper
96 100
61 130.8 106.4 159.6
98 65.5 48.9 73.3

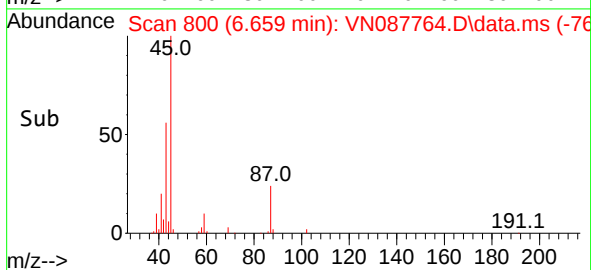
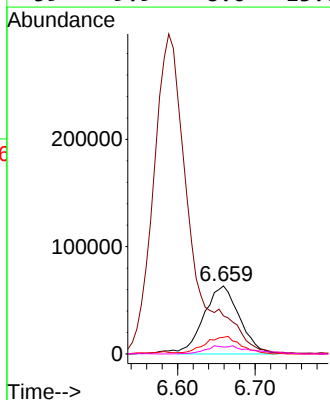
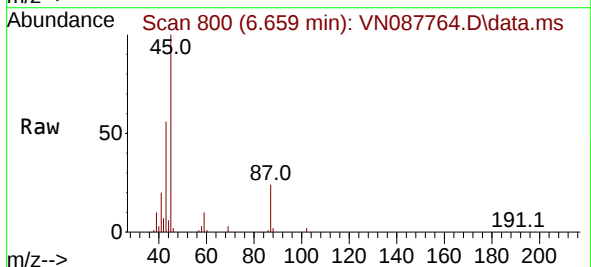
Manual Integrations
APPROVED

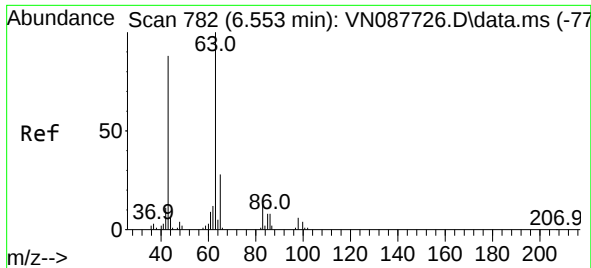
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#20
Diisopropyl ether
Concen: 17.325 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 45 Resp: 201290
Ion Ratio Lower Upper
45 100
43 54.2 49.5 74.3
87 24.0 18.8 28.2
59 9.9 8.6 13.0





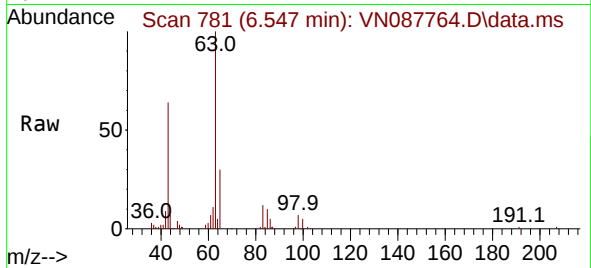
#21
1,1-Dichloroethane
Concen: 18.154 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

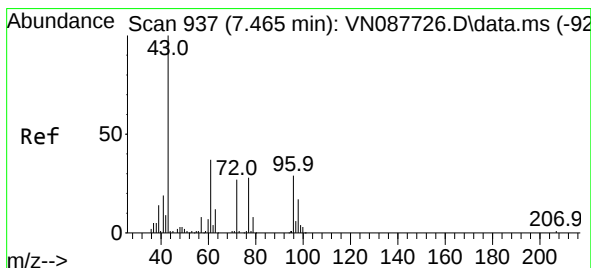
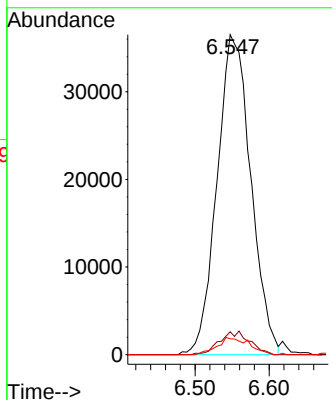
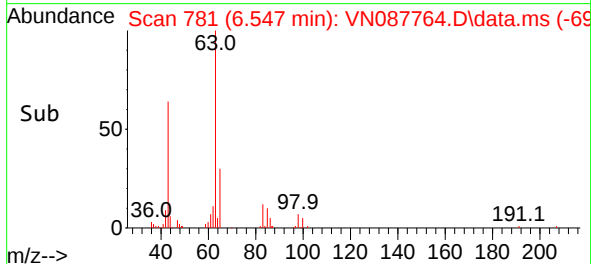


Tgt Ion: 63 Resp: 11550
Ion Ratio Lower Upper
63 100
98 7.1 2.9 8.8
100 5.0 1.8 5.3

Manual Integrations

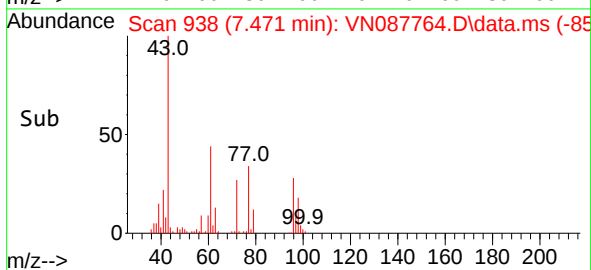
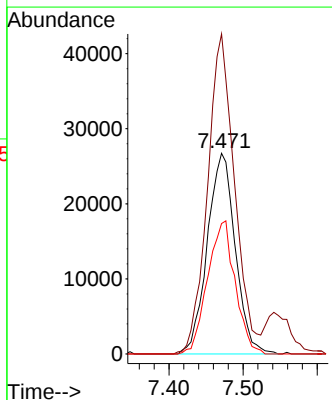
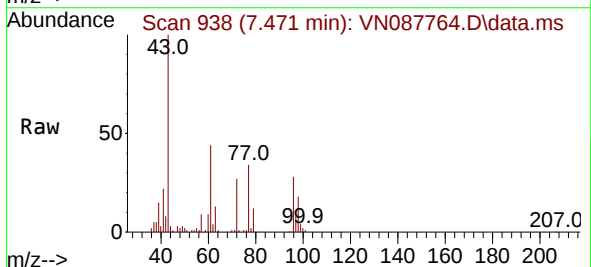
APPROVED

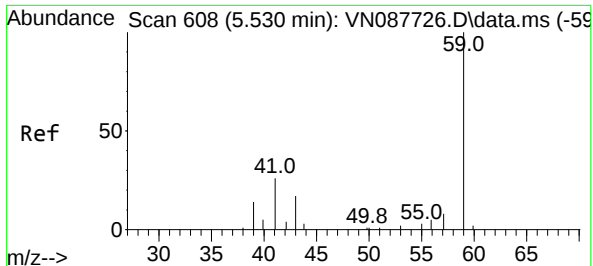
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#22
cis-1,2-Dichloroethene
Concen: 18.313 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 96 Resp: 70123
Ion Ratio Lower Upper
96 100
61 154.7 118.2 177.2
98 65.3 51.6 77.4





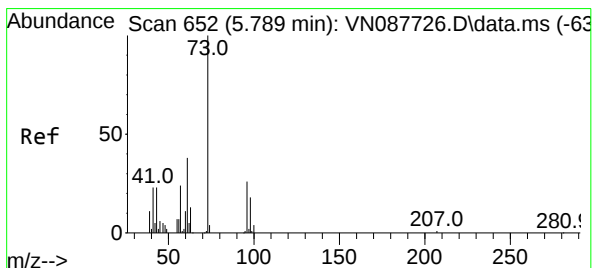
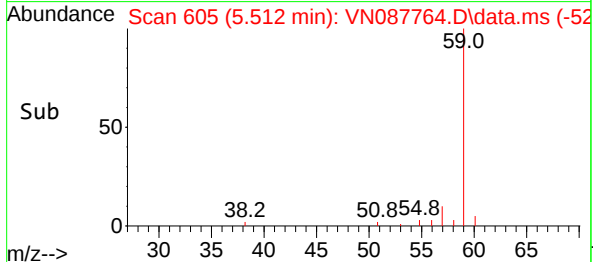
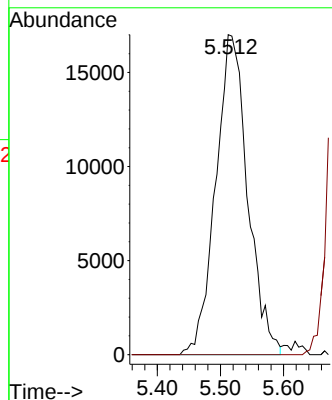
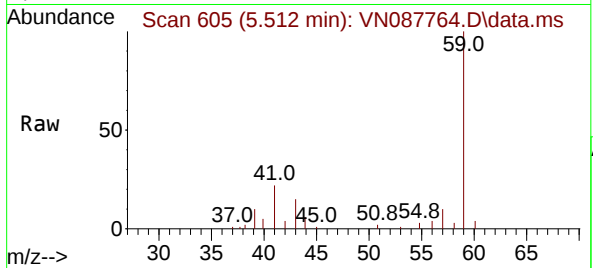
#23
tert-Butyl Alcohol
Concen: 82.469 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 5983
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

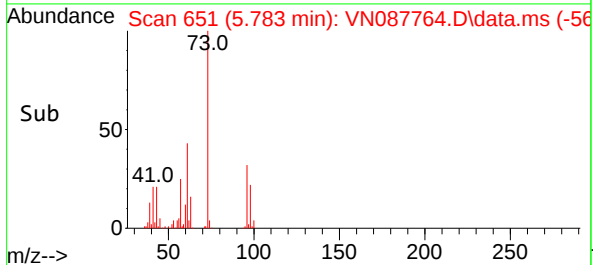
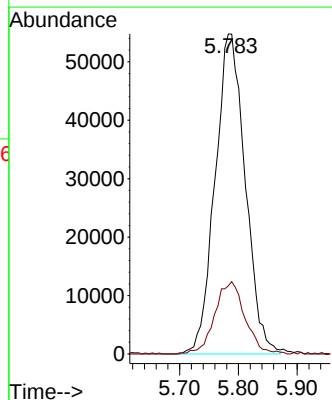
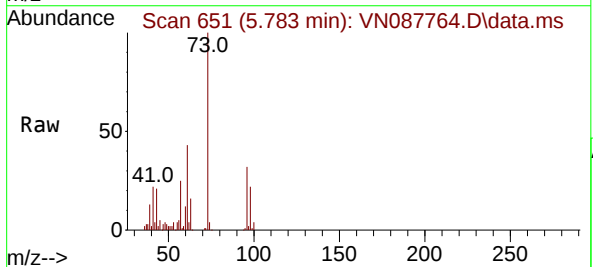
Manual Integrations
APPROVED

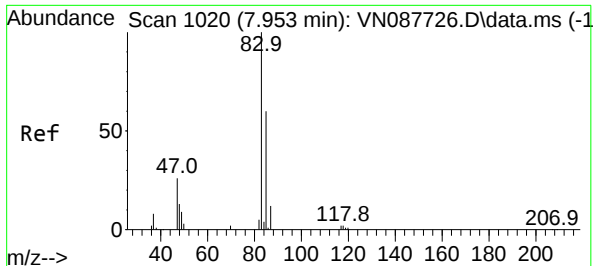
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#24
Methyl tert-Butyl Ether
Concen: 17.679 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 73 Resp: 195237
Ion Ratio Lower Upper
73 100
43 7.8 16.8 25.2#





#25

Chloroform

Concen: 18.640 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 124139

Ion Ratio Lower Upper

83 100

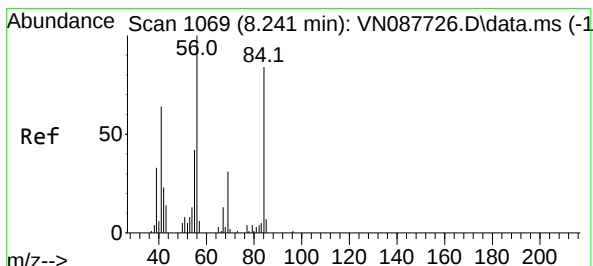
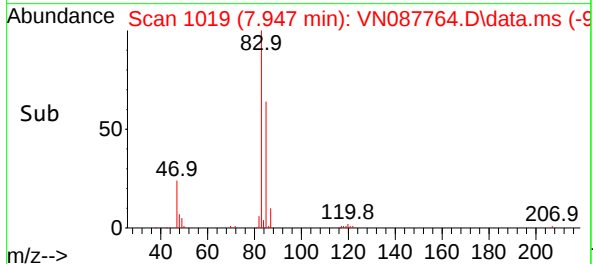
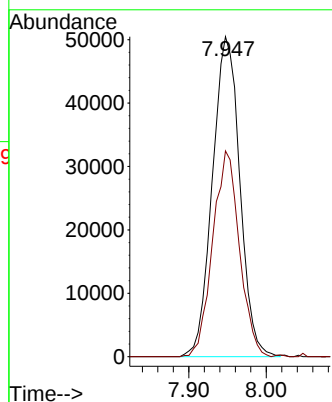
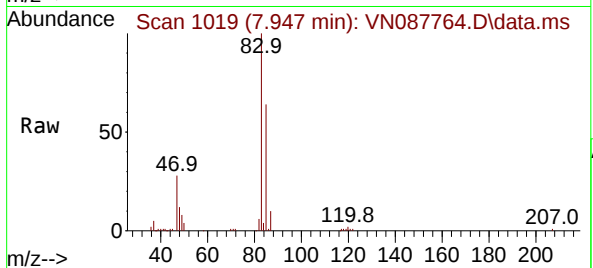
85 64.3 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#26

Cyclohexane

Concen: 17.755 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

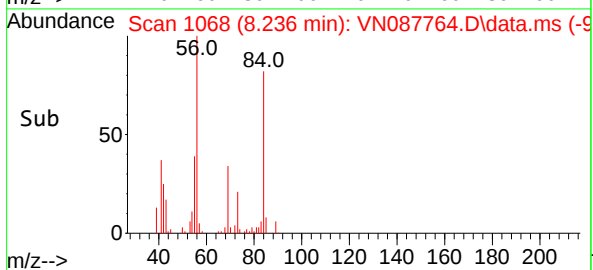
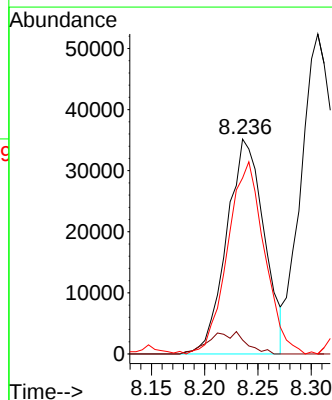
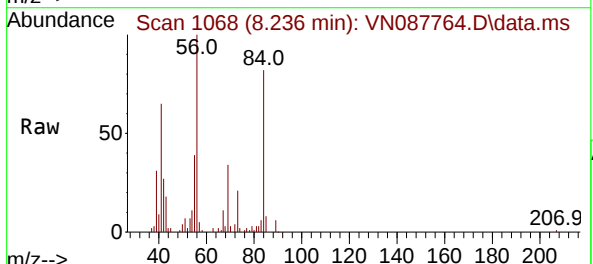
Tgt Ion: 56 Resp: 86029

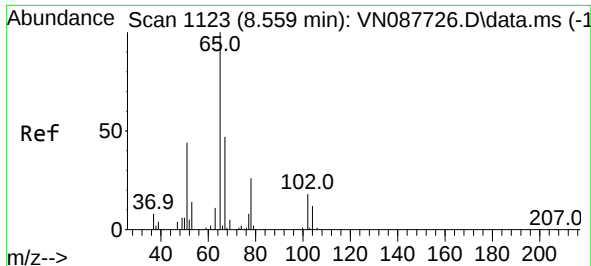
Ion Ratio Lower Upper

56 100

89 3.9 0.0 0.0#

84 88.0 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 29.015 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 126998

Ion Ratio Lower Upper

65 100

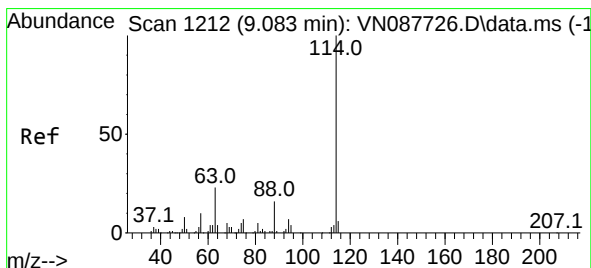
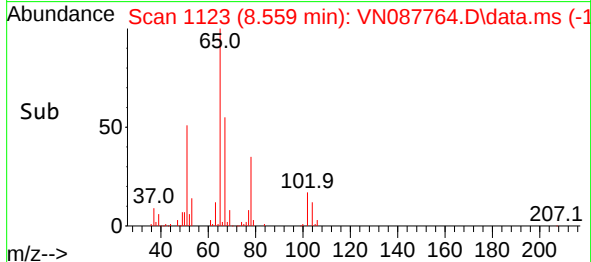
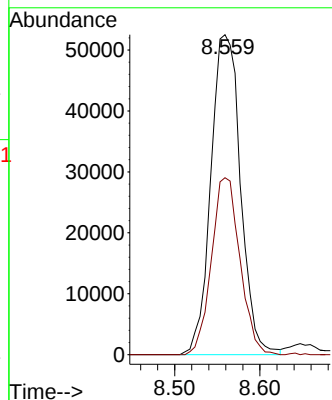
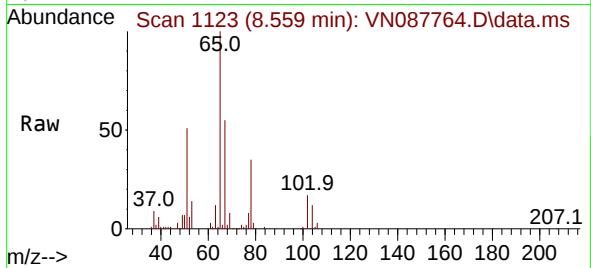
67 53.1 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

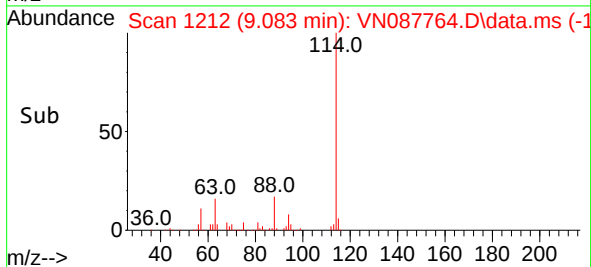
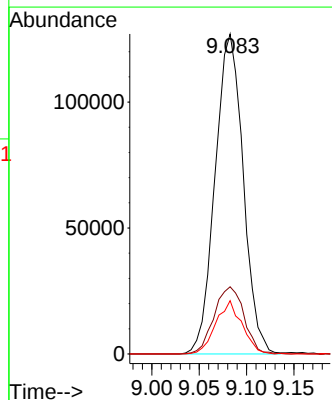
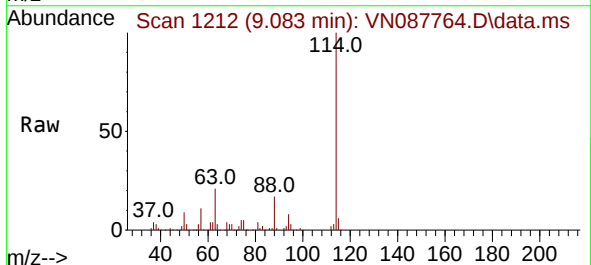
Tgt Ion:114 Resp: 262160

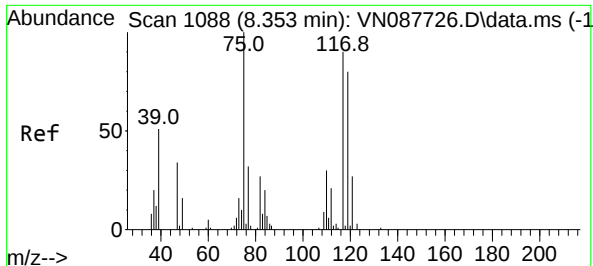
Ion Ratio Lower Upper

114 100

63 22.4 18.3 27.5

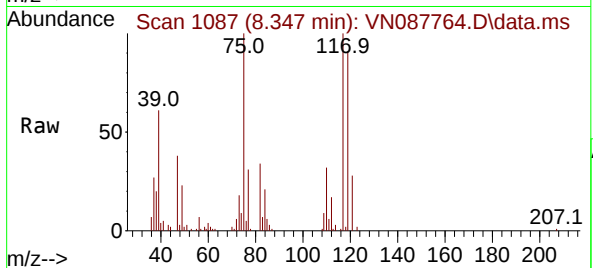
88 15.5 12.4 18.6





#29
1,1-Dichloropropene
Concen: 17.974 ug/l
RT: 8.347 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

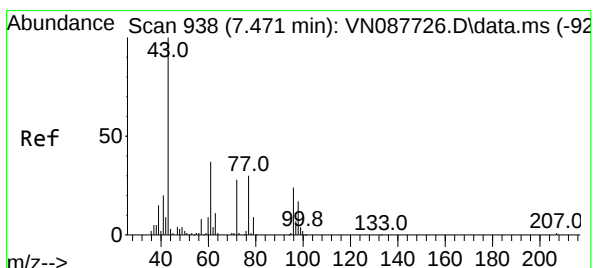
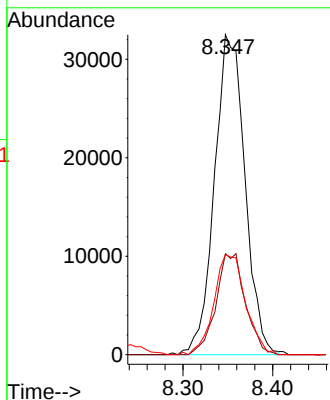
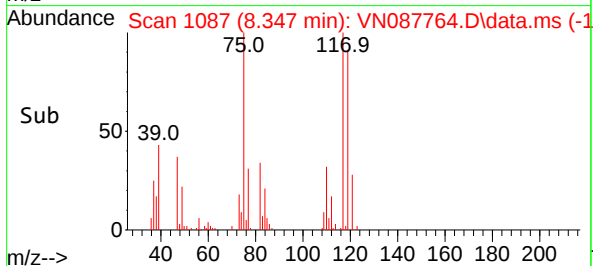
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75	Resp: 76579
Ion Ratio	Lower Upper
75 100	
110 30.5	0.0 64.4
77 32.4	0.0 62.2

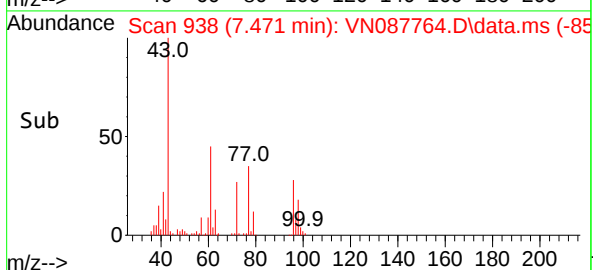
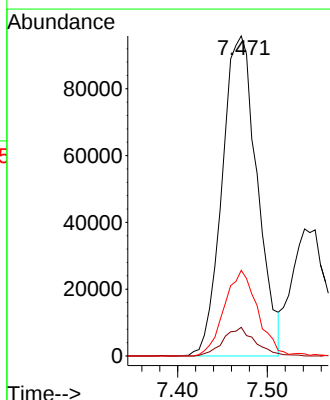
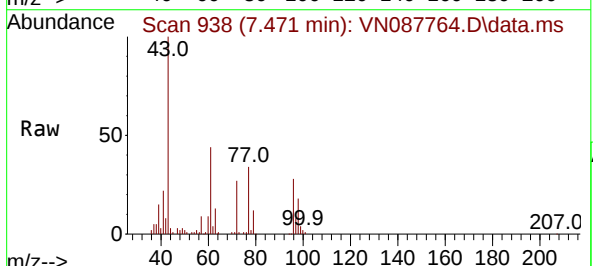
Manual Integrations
APPROVED

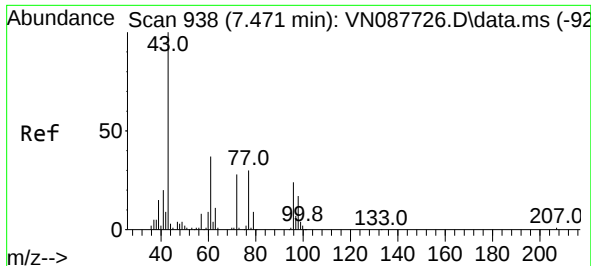
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#30
2-Butanone
Concen: 88.672 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

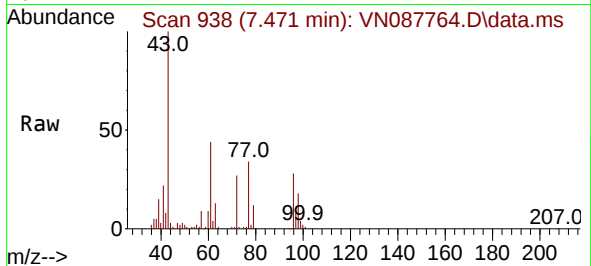
Tgt Ion: 43	Resp: 260251
Ion Ratio	Lower Upper
43 100	
57 8.1	6.3 9.5
72 25.3	21.4 32.2





#31
2,2-Dichloropropane
Concen: 18.535 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

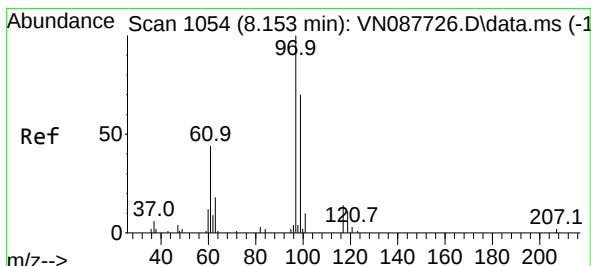
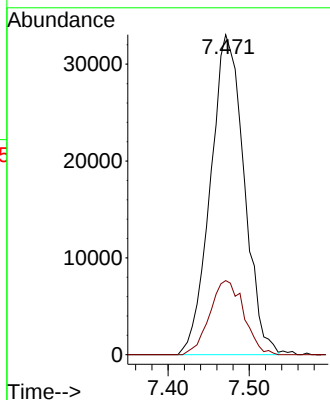
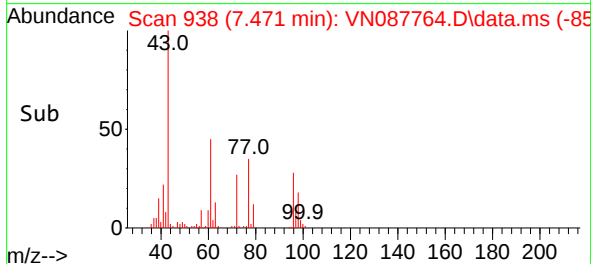
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



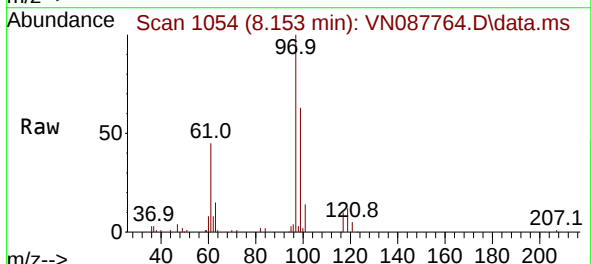
Tgt Ion: 77 Resp: 95194
Ion Ratio Lower Upper
77 100
97 23.3 17.1 25.7

Manual Integrations
APPROVED

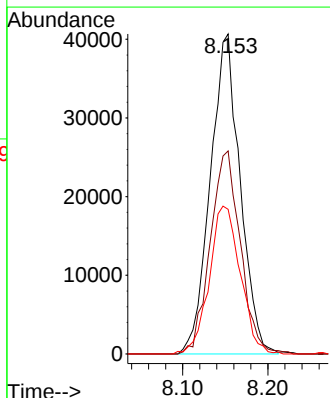
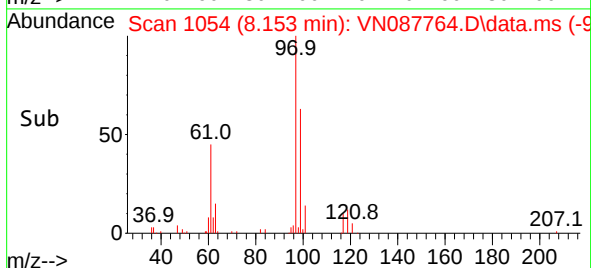
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

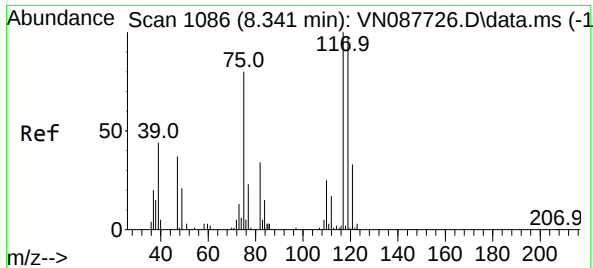


#32
1,1,1-Trichloroethane
Concen: 18.295 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



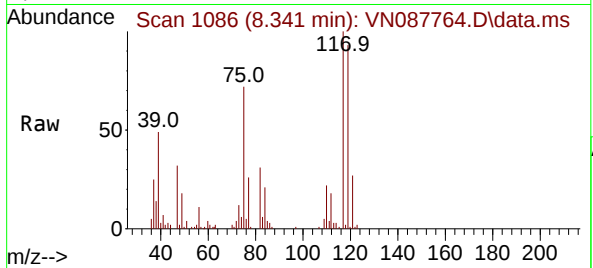
Tgt Ion: 97 Resp: 98820
Ion Ratio Lower Upper
97 100
99 63.3 52.2 78.4
61 48.1 37.9 56.9





#33
Carbon Tetrachloride
Concen: 18.207 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

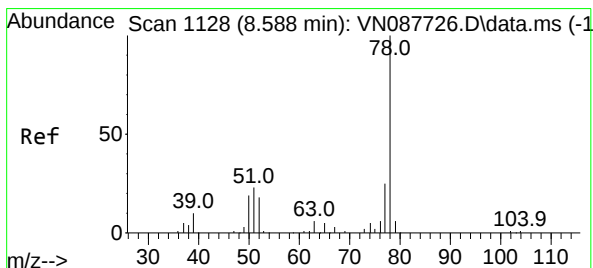
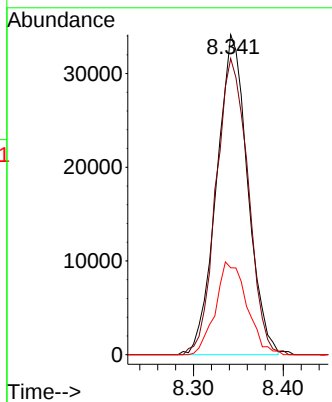
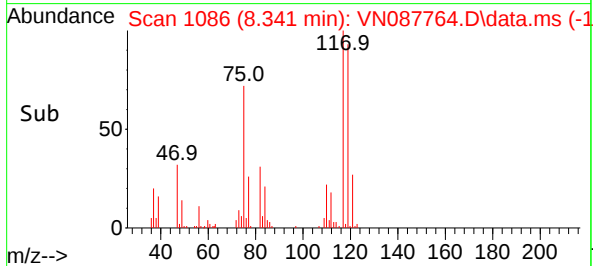
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 81999
Ion Ratio Lower Upper
117 100
119 92.6 77.3 115.9
121 27.2 26.6 39.8

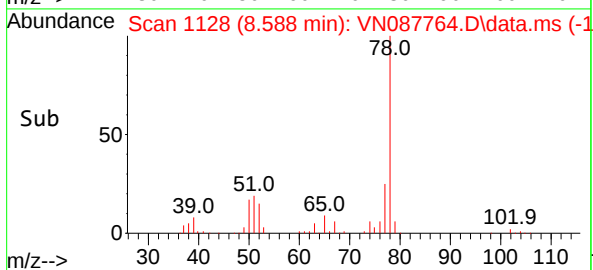
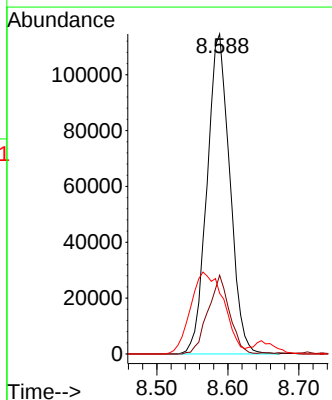
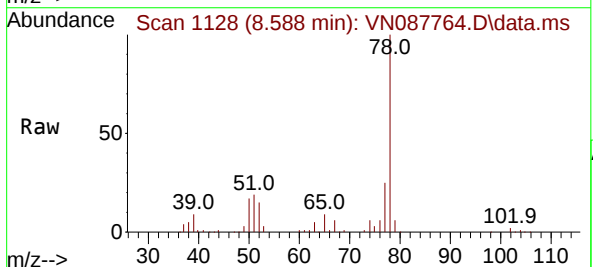
Manual Integrations
APPROVED

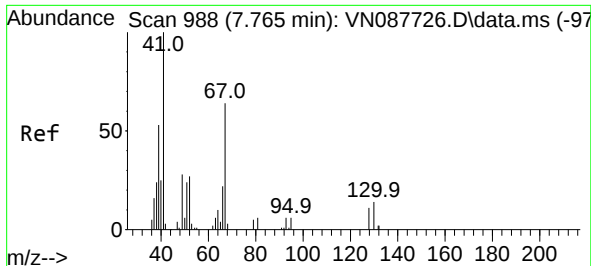
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#34
Benzene
Concen: 18.460 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 78 Resp: 254192
Ion Ratio Lower Upper
78 100
77 24.6 20.3 30.5
51 17.3 18.0 27.0#





#35
Methacrylonitrile
Concen: 17.589 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

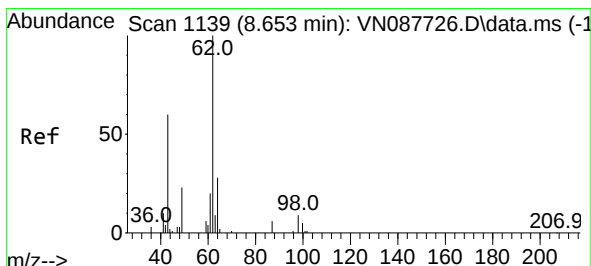
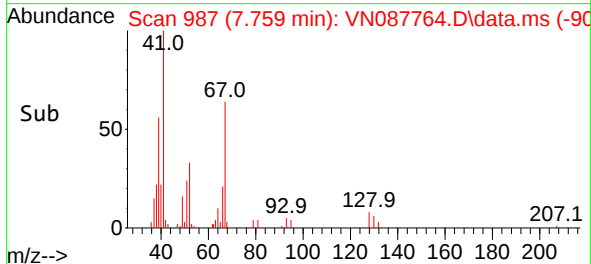
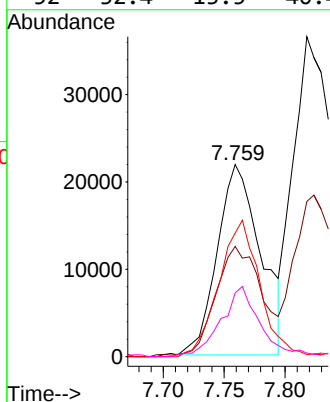
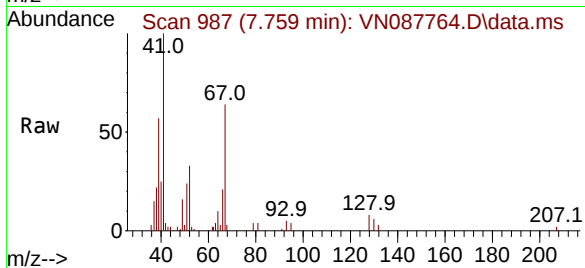
VSTDCCC020

Tgt Ion: 41 Resp: 53998
Ion Ratio Lower Upper
41 100
39 56.6 27.1 81.2
67 64.9 32.1 96.5
52 32.4 13.5 40.4

Manual Integrations

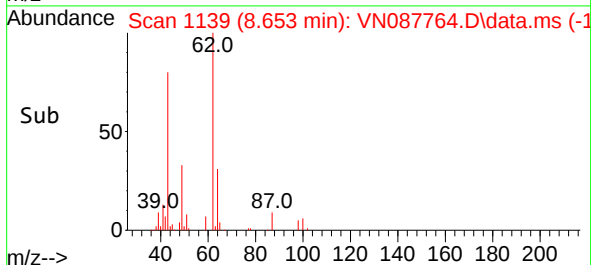
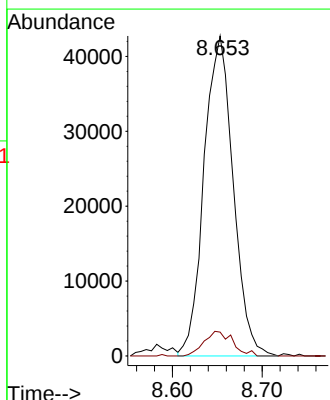
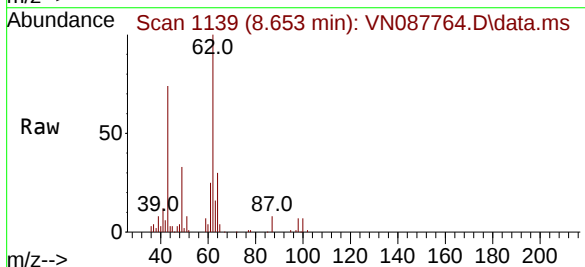
APPROVED

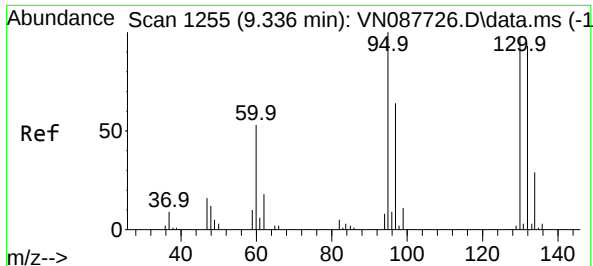
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#36
1,2-Dichloroethane
Concen: 18.527 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 62 Resp: 96363
Ion Ratio Lower Upper
62 100
98 7.3 7.2 10.8





#37

Trichloroethene

Concen: 18.344 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 5646

Ion Ratio Lower Upper

130 100

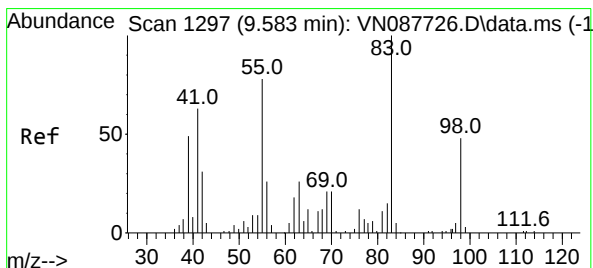
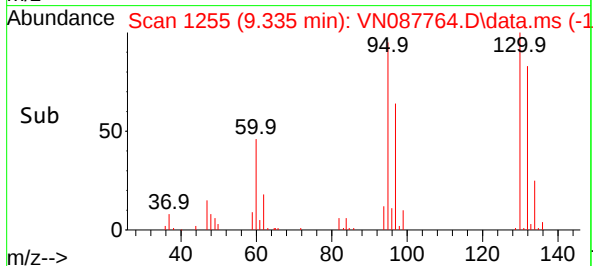
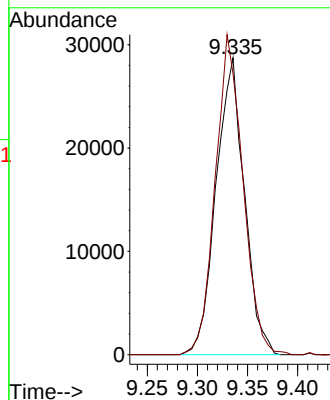
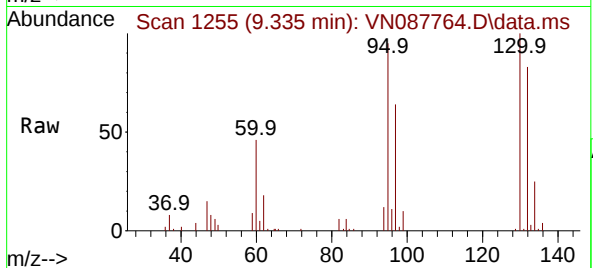
95 94.8 82.7 124.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#38

Methylcyclohexane

Concen: 17.516 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

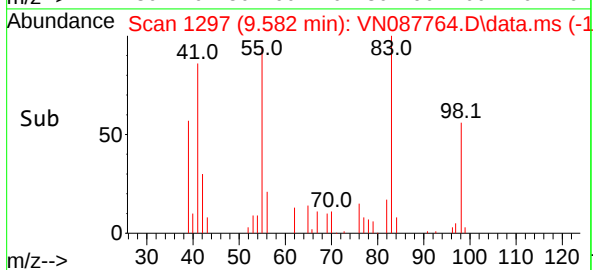
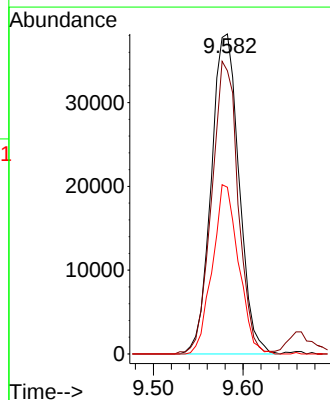
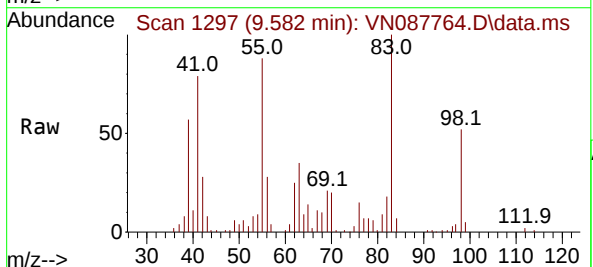
Tgt Ion: 83 Resp: 82173

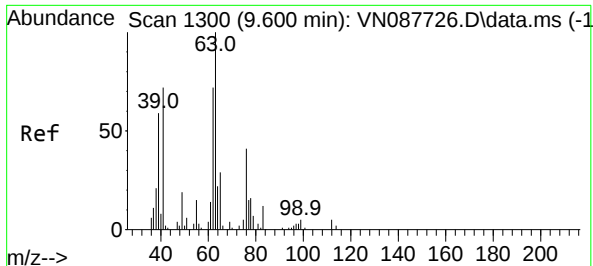
Ion Ratio Lower Upper

83 100

55 87.0 40.4 121.1

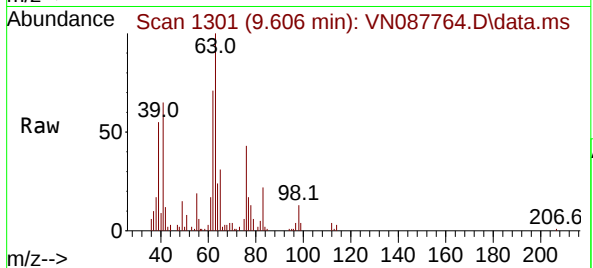
98 49.9 24.0 72.0





#39
1,2-Dichloropropane
Concen: 18.539 ug/l
RT: 9.606 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

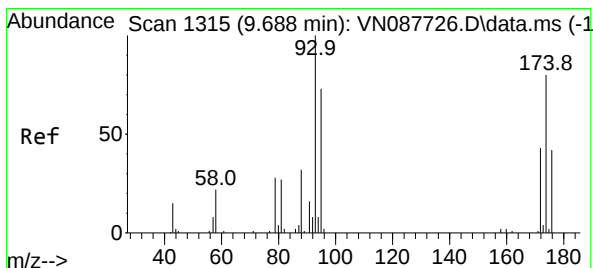
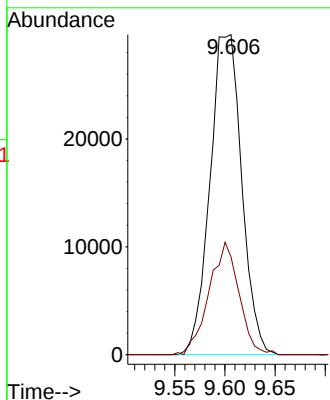
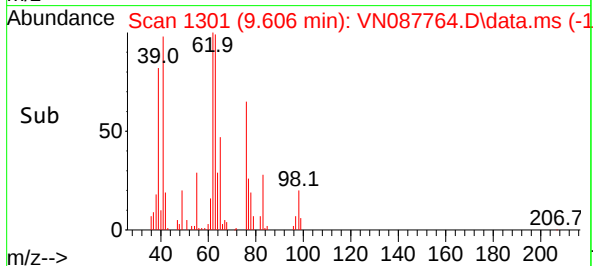
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



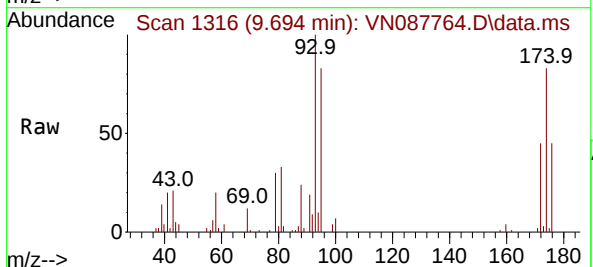
Tgt Ion: 63 Resp: 6538
Ion Ratio Lower Upper
63 100
65 30.6 24.1 36.1

Manual Integrations
APPROVED

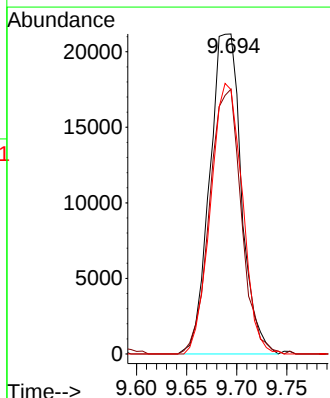
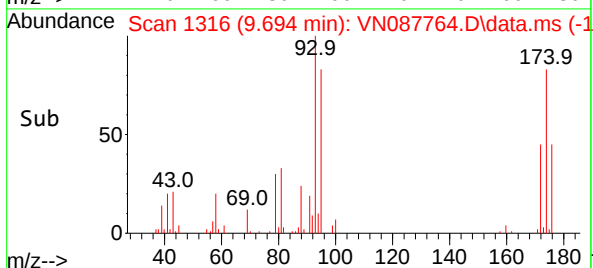
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

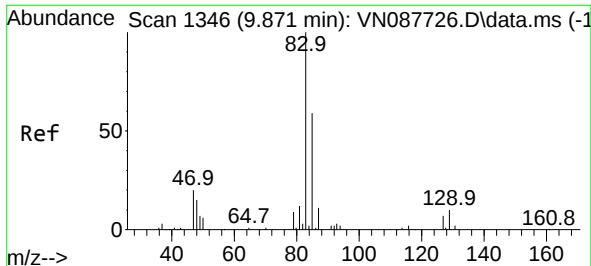


#40
Dibromomethane
Concen: 17.699 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



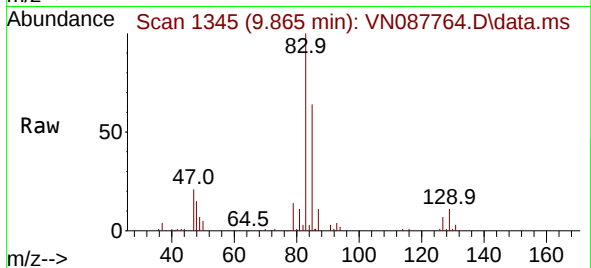
Tgt Ion: 93 Resp: 46452
Ion Ratio Lower Upper
93 100
95 82.9 0.0 168.4
174 84.6 0.0 162.8





#41
Bromodichloromethane
Concen: 18.150 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

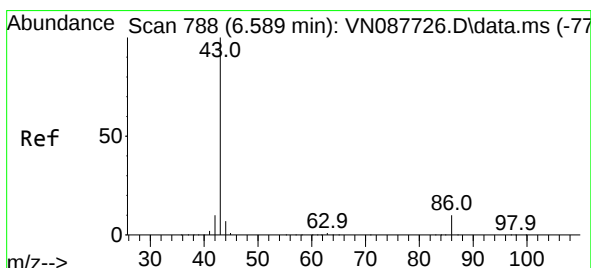
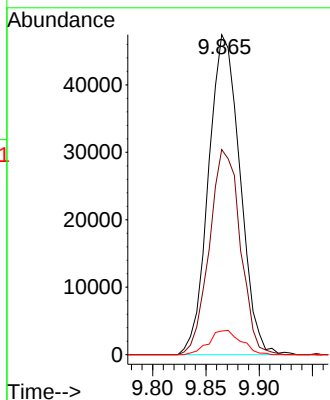
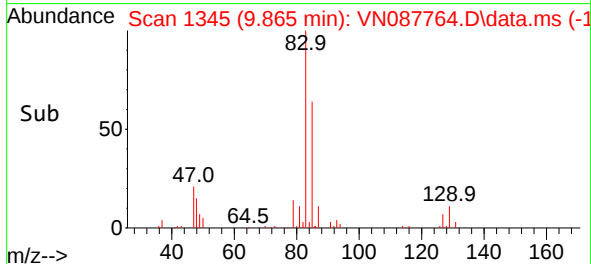
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 97364
Ion Ratio Lower Upper
83 100
85 64.1 47.3 70.9
127 7.4 5.2 7.8

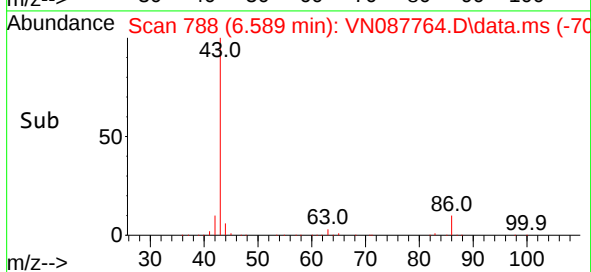
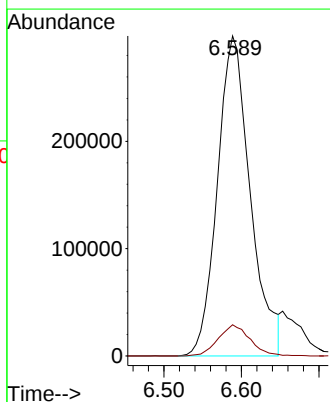
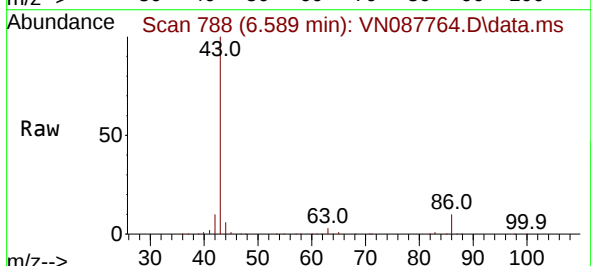
Manual Integrations
APPROVED

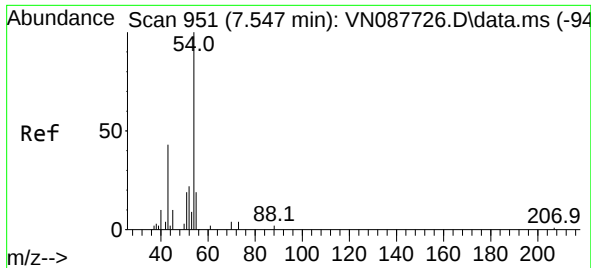
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#42
Vinyl Acetate
Concen: 89.910 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

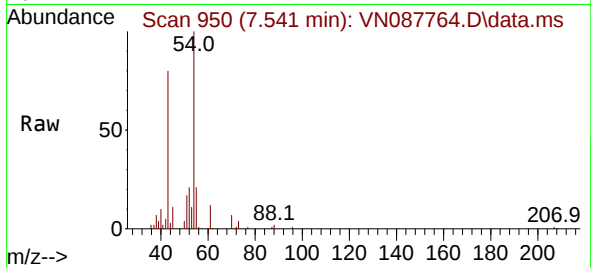
Tgt Ion: 43 Resp: 881692
Ion Ratio Lower Upper
43 100
86 9.4 7.7 11.5





#43
Ethyl Acetate
Concen: 17.486 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

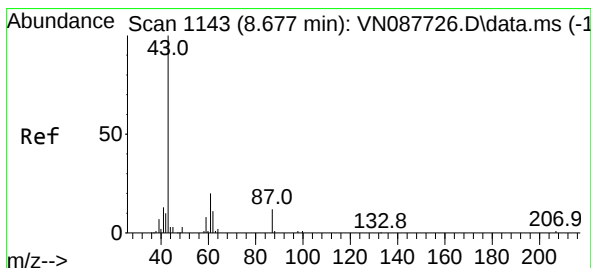
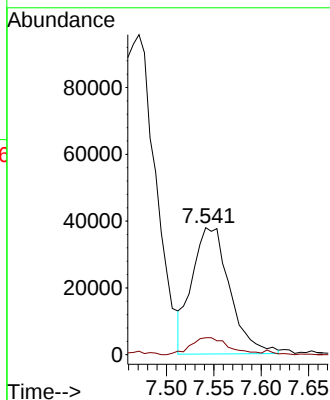
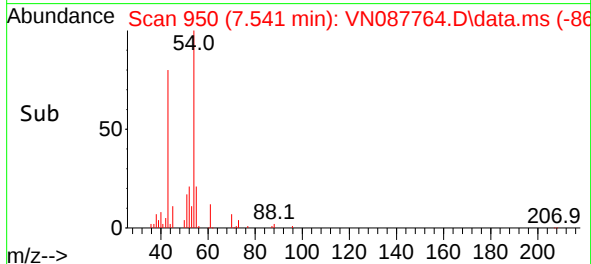
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 104854
Ion Ratio Lower Upper
43 100
45 13.5 10.5 15.7

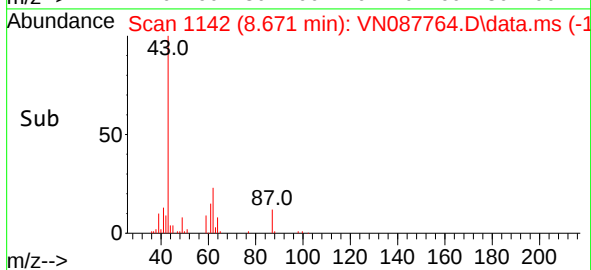
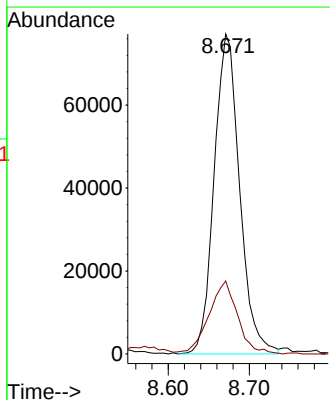
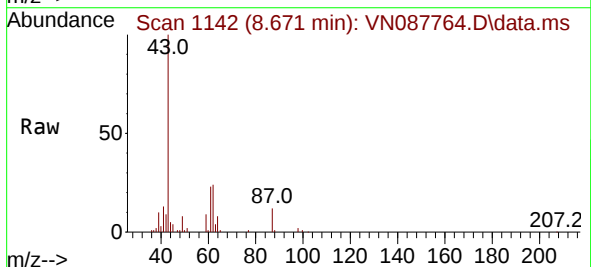
Manual Integrations
APPROVED

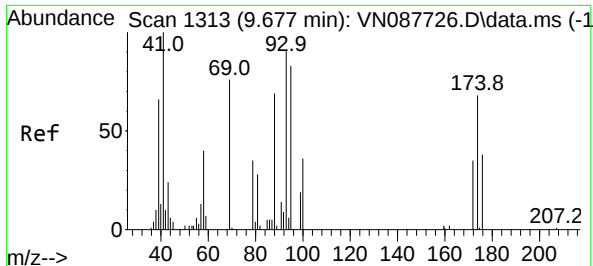
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#44
Isopropyl Acetate
Concen: 17.923 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 43 Resp: 168484
Ion Ratio Lower Upper
43 100
61 23.8 19.5 29.3





#45

1,4-Dioxane

Concen: 325.472 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

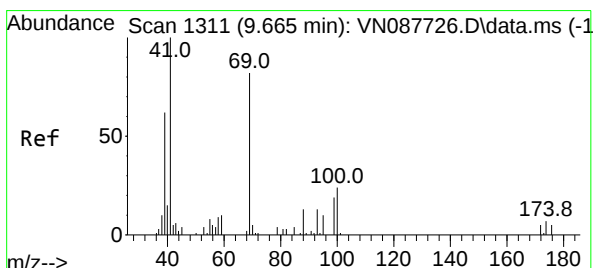
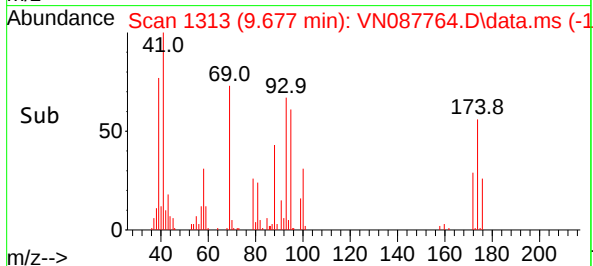
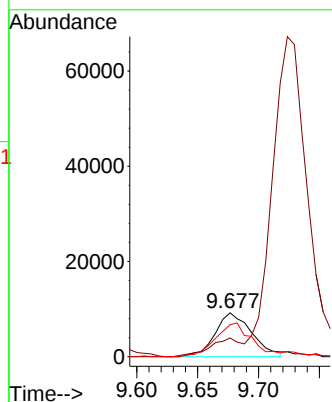
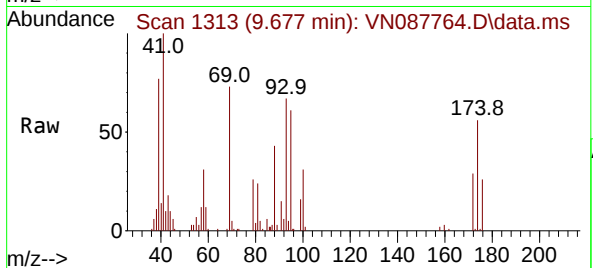
Tgt Ion: 88 Resp: 1929

Ion	Ratio	Lower	Upper
88	100		
43	37.2	23.6	35.4
58	75.6	60.5	90.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#46

Methyl methacrylate

Concen: 18.025 ug/l

RT: 9.659 min Scan# 1310

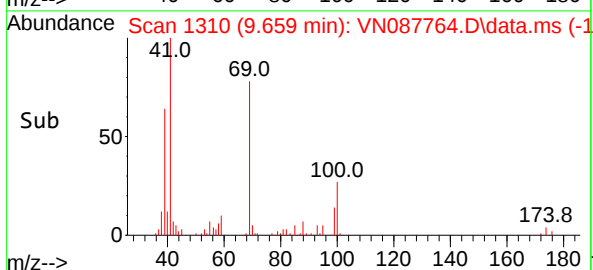
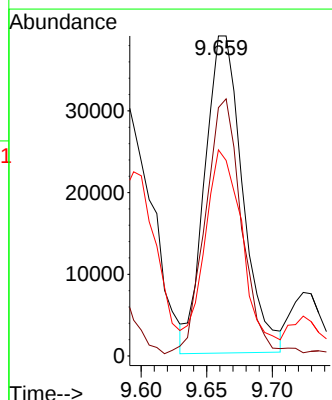
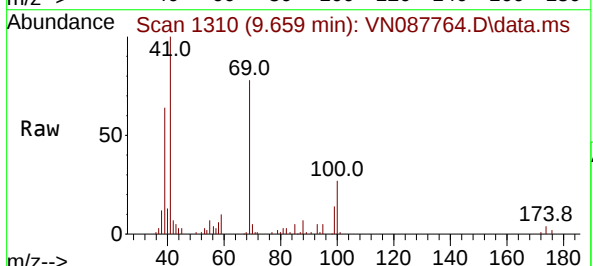
Delta R.T. -0.006 min

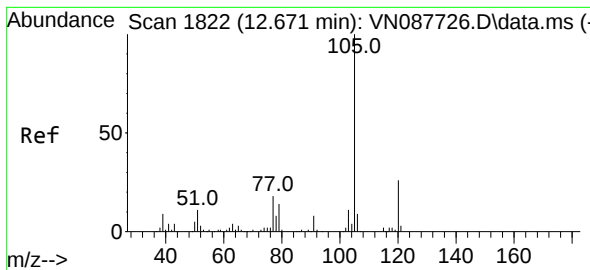
Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Tgt Ion: 41 Resp: 78104

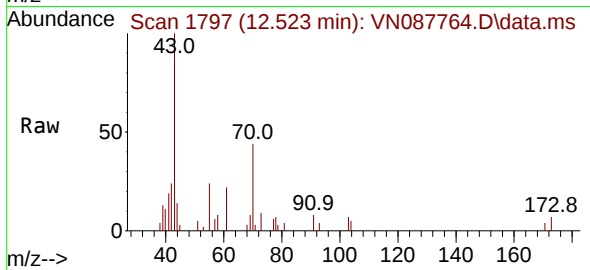
Ion	Ratio	Lower	Upper
41	100		
69	81.6	40.3	120.9
39	64.3	31.9	95.9





#47
n-amyl acetate
Concen: 19.405 ug/l m
RT: 12.523 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

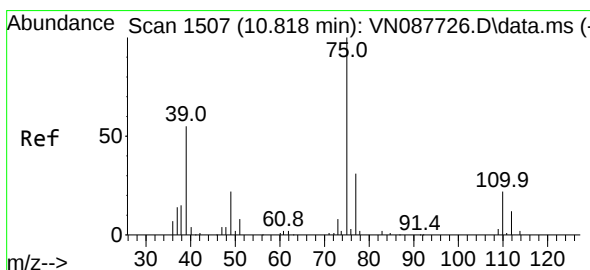
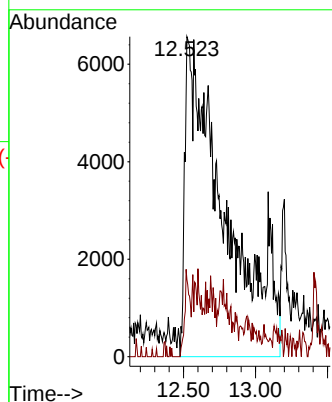
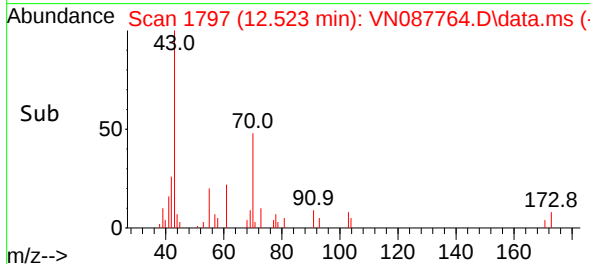
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 123270
Ion Ratio Lower Upper
43 100
55 0.4 0.7 1.1

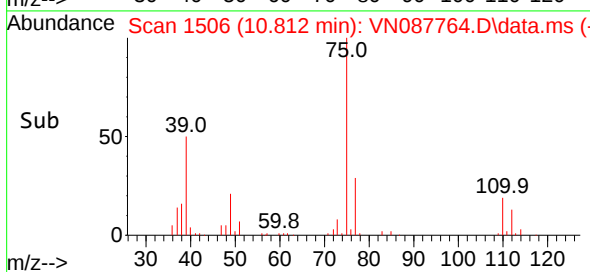
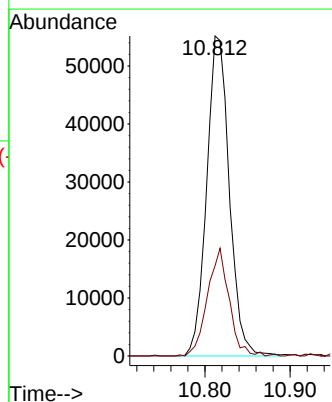
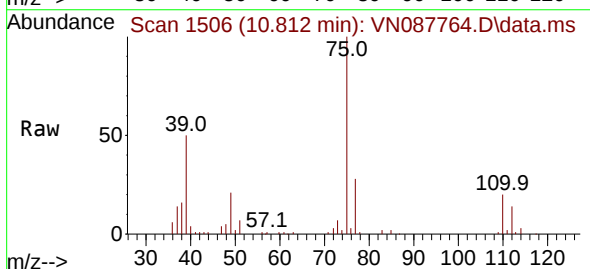
Manual Integrations
APPROVED

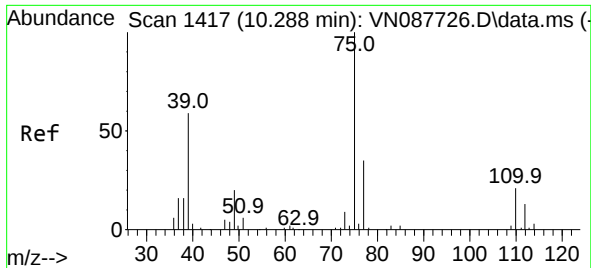
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#48
t-1,3-Dichloropropene
Concen: 18.305 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

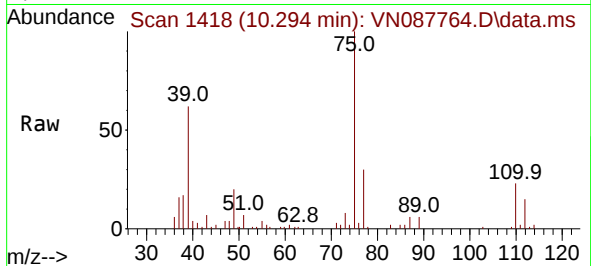
Tgt Ion: 75 Resp: 101989
Ion Ratio Lower Upper
75 100
77 28.2 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 18.117 ug/l
 RT: 10.294 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16

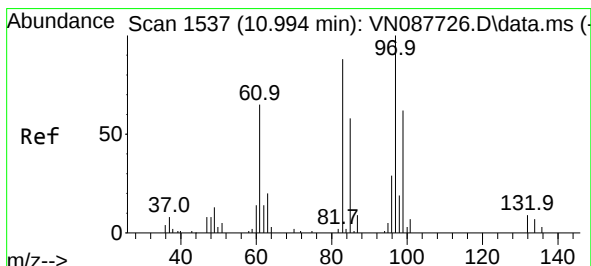
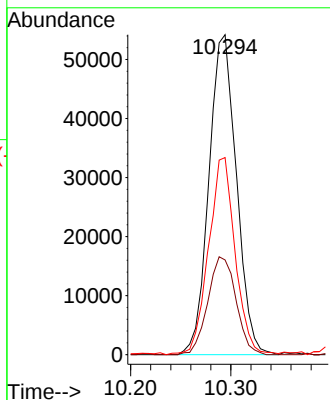
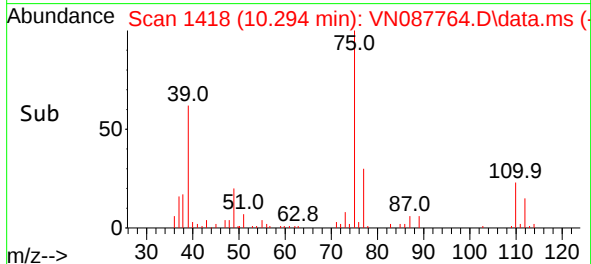
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 103385
 Ion Ratio Lower Upper
 75 100
 77 29.6 27.8 41.6
 39 61.2 47.6 71.4

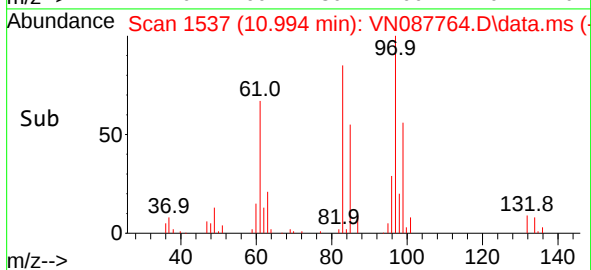
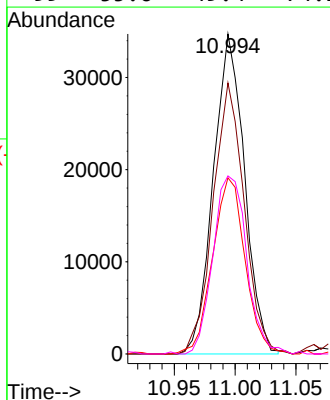
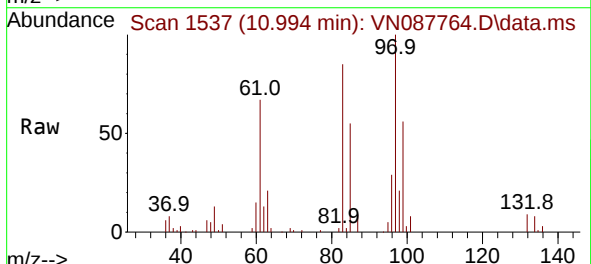
Manual Integrations
 APPROVED

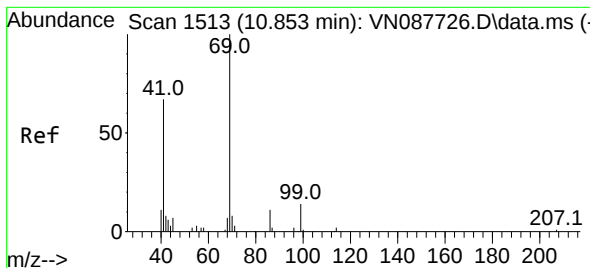
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.219 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16

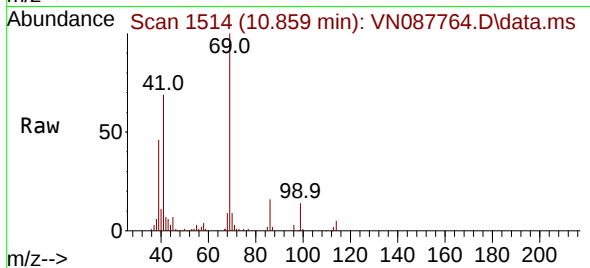
Tgt Ion: 97 Resp: 61761
 Ion Ratio Lower Upper
 97 100
 83 84.7 70.5 105.7
 85 54.6 46.3 69.5
 99 55.6 49.4 74.2





#51
Ethyl methacrylate
Concen: 17.043 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

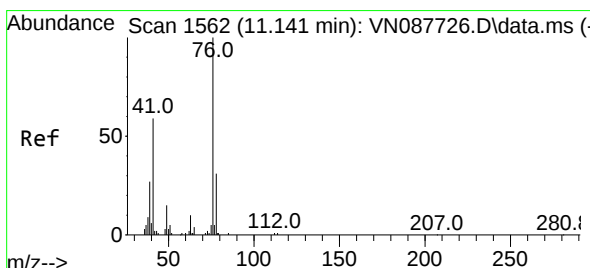
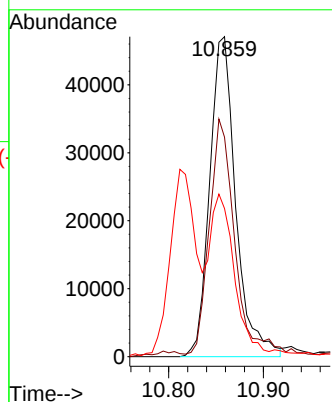
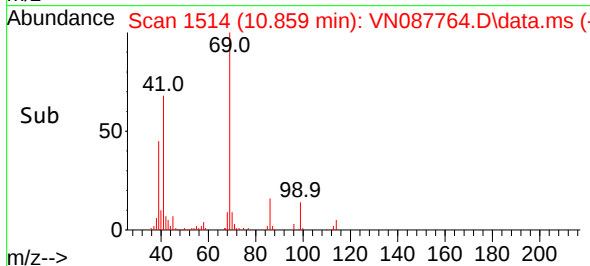
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 89910
Ion Ratio Lower Upper
69 100
41 67.7 33.7 101.0
39 44.4 20.3 60.9

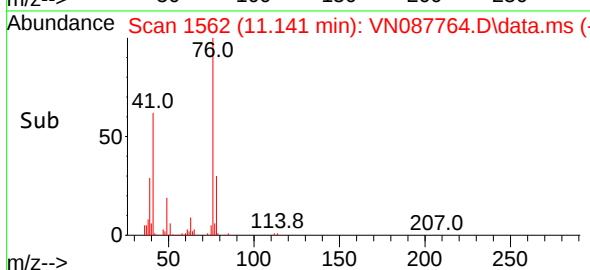
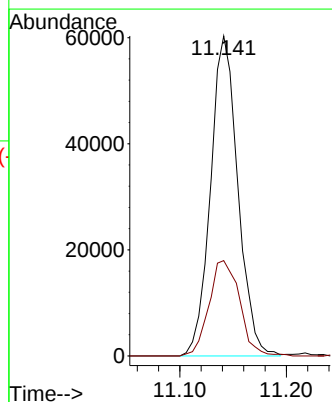
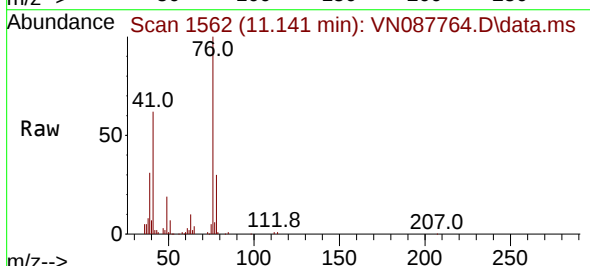
Manual Integrations
APPROVED

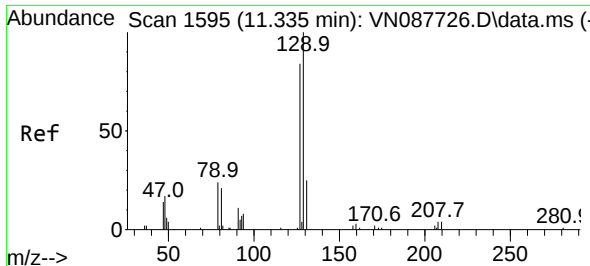
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#52
1,3-Dichloropropane
Concen: 18.301 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

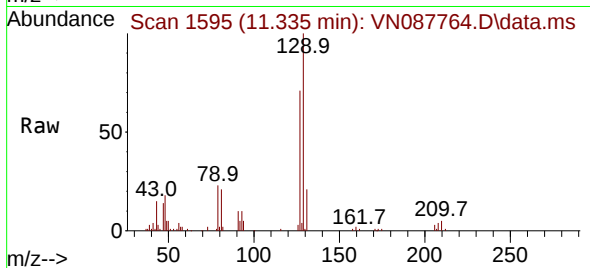
Tgt Ion: 76 Resp: 107727
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.2





#53
Dibromochloromethane
Concen: 18.587 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

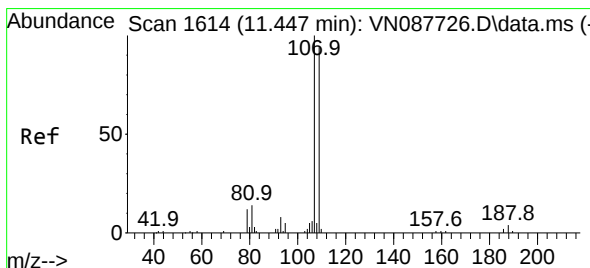
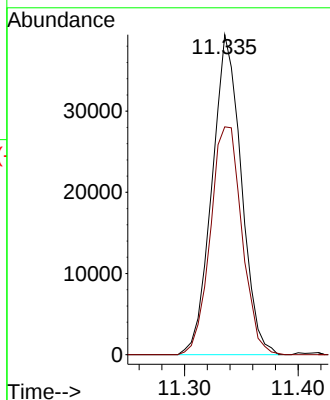
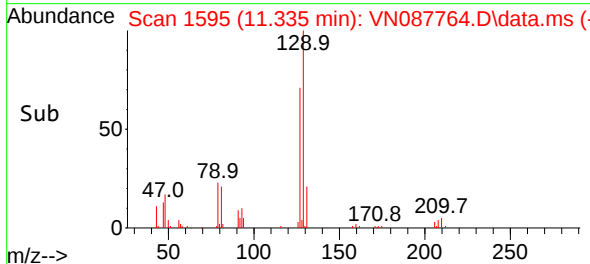
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



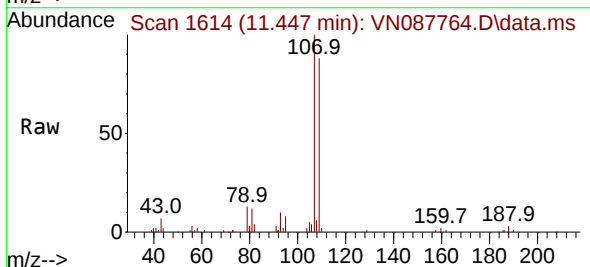
Tgt Ion:129 Resp: 7064
Ion Ratio Lower Upper
129 100
127 76.6 42.6 128.0

Manual Integrations
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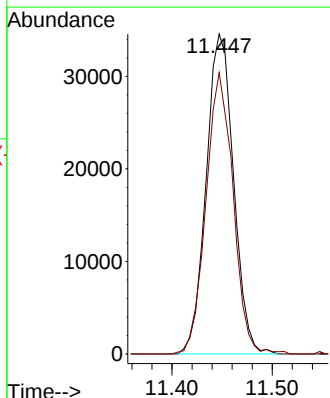
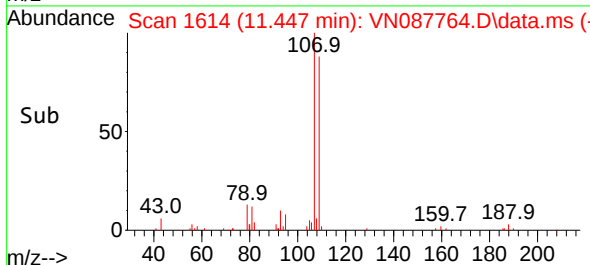
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

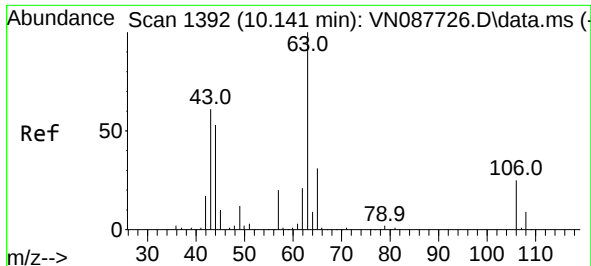


#54
1,2-Dibromoethane
Concen: 18.579 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



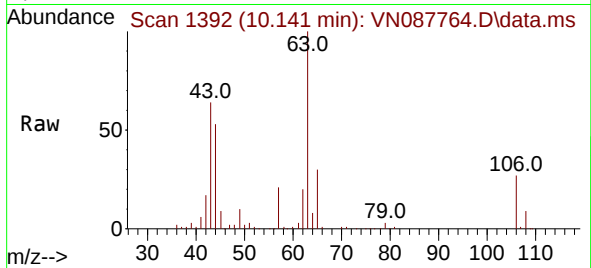
Tgt Ion:107 Resp: 65533
Ion Ratio Lower Upper
107 100
109 86.6 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 89.311 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

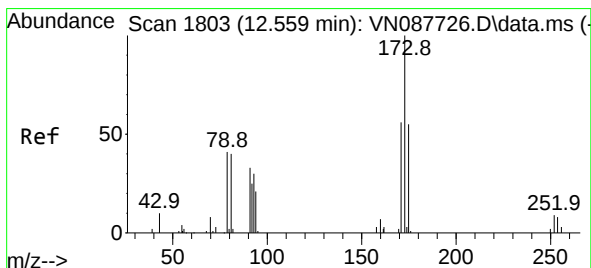
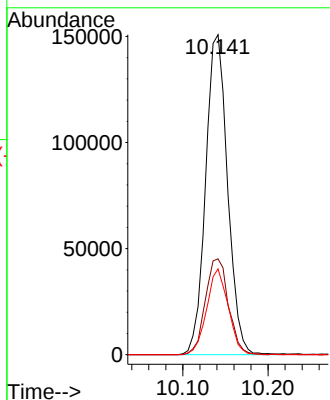
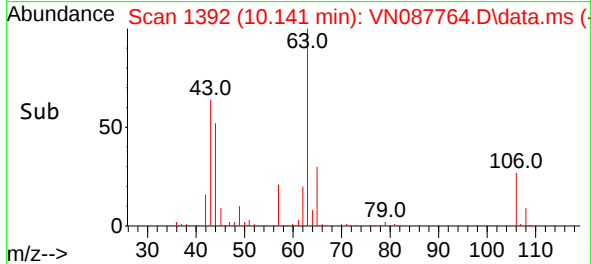
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 26995
Ion Ratio Lower Upper
63 100
65 31.6 26.6 40.0
106 26.4 21.1 31.7

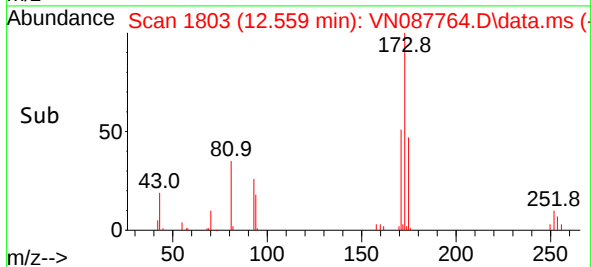
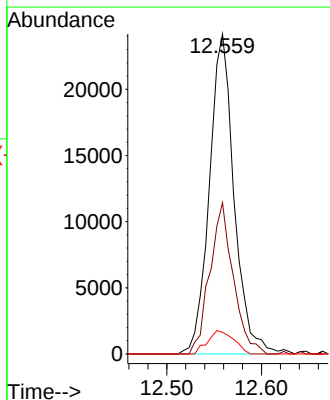
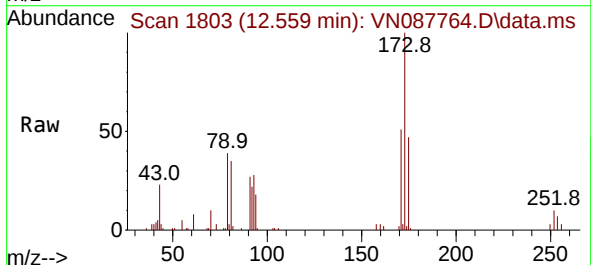
Manual Integrations
APPROVED

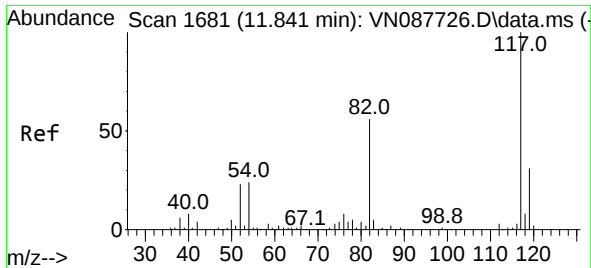
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#56
Bromoform
Concen: 17.661 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

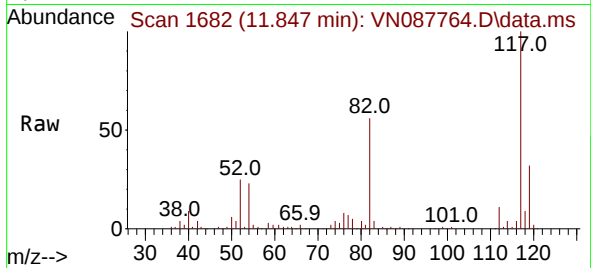
Tgt Ion:173 Resp: 43837
Ion Ratio Lower Upper
173 100
175 44.8 39.8 59.6
254 7.6 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

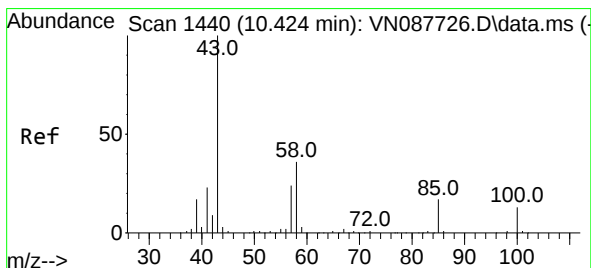
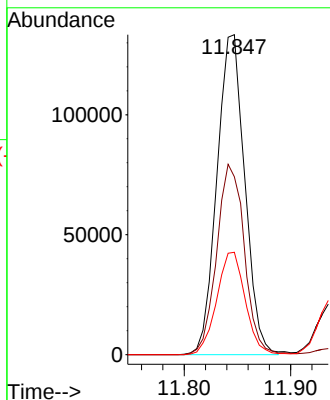
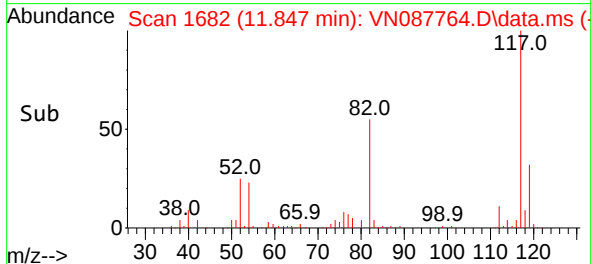
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 242040
Ion Ratio Lower Upper
117 100
82 59.4 45.9 68.9
119 32.9 25.3 37.9

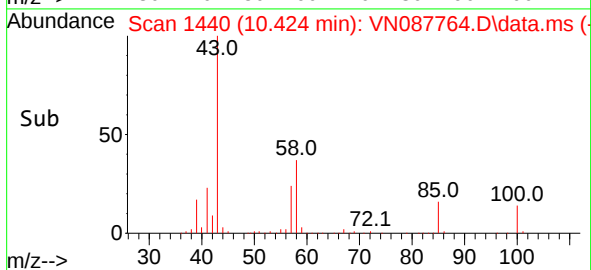
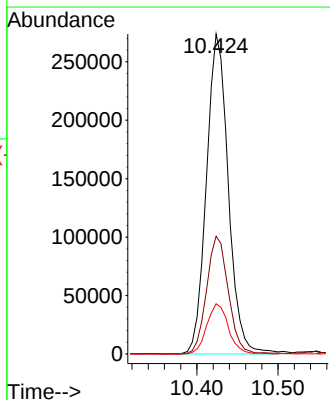
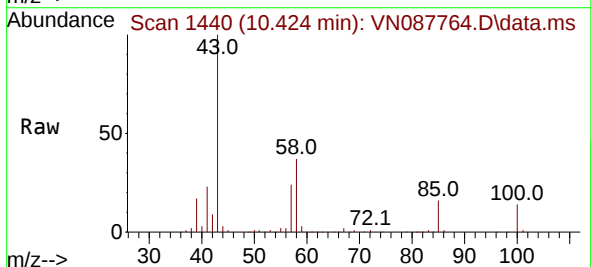
Manual Integrations
APPROVED

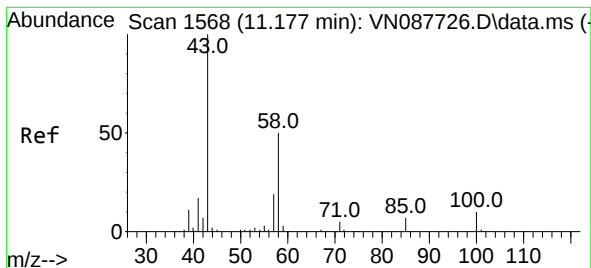
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#58
4-Methyl-2-Pentanone
Concen: 89.616 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 43 Resp: 512884
Ion Ratio Lower Upper
43 100
58 36.3 29.6 44.4
85 15.4 13.0 19.4





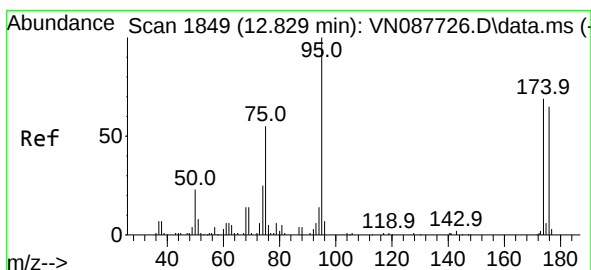
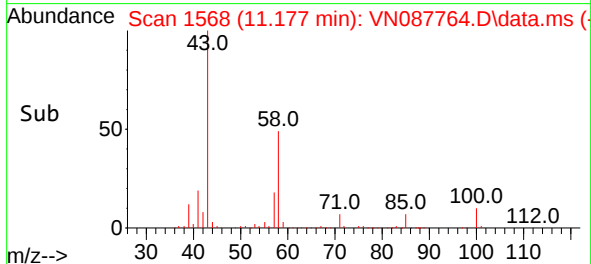
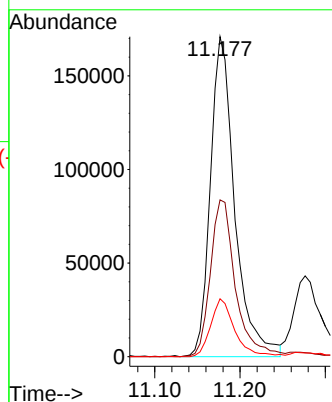
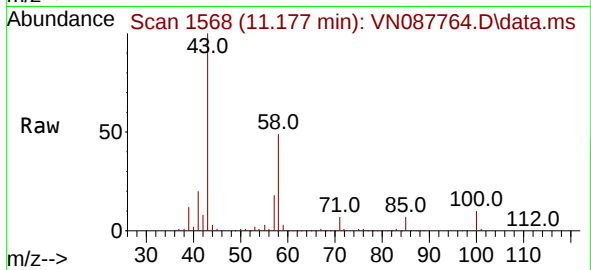
#59
2-Hexanone
Concen: 90.774 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 339472
Ion Ratio Lower Upper
43 100
58 50.4 40.2 60.4
57 17.9 13.7 20.5

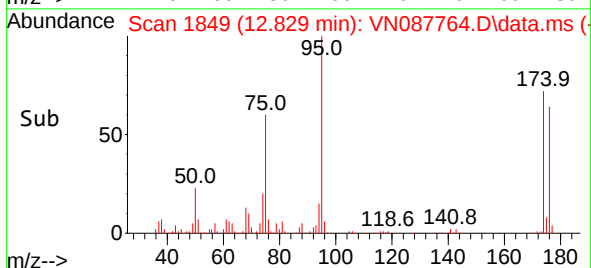
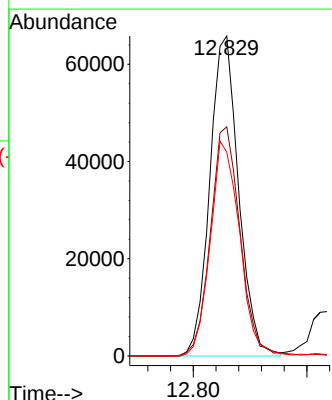
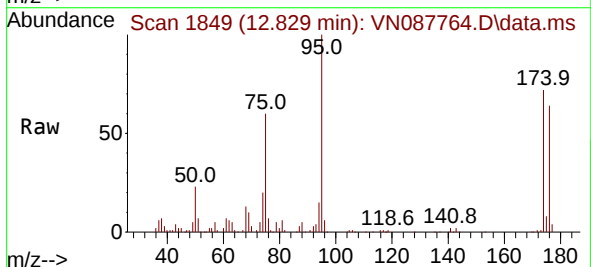
Manual Integrations
APPROVED

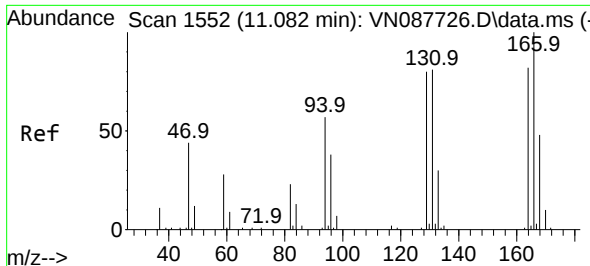
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#60
4-Bromofluorobenzene
Concen: 29.800 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

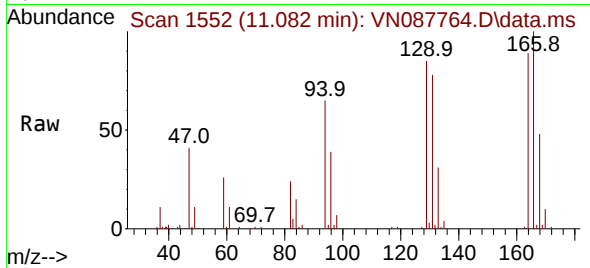
Tgt Ion: 95 Resp: 115977
Ion Ratio Lower Upper
95 100
174 73.1 55.4 83.0
176 68.3 51.5 77.3





#61
Tetrachloroethene
Concen: 19.140 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

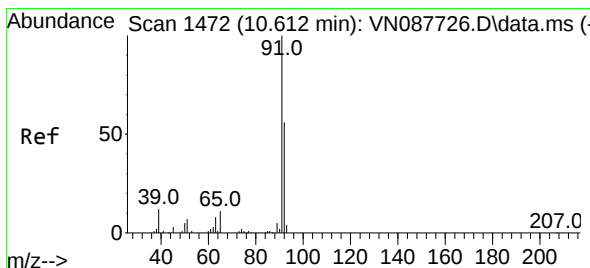
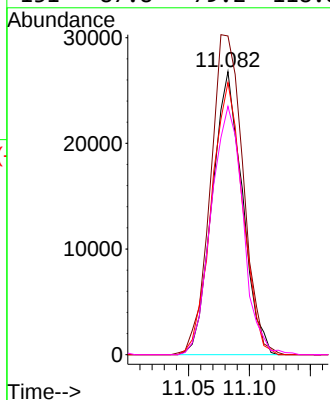
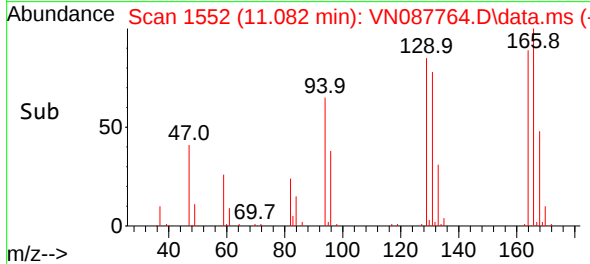
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



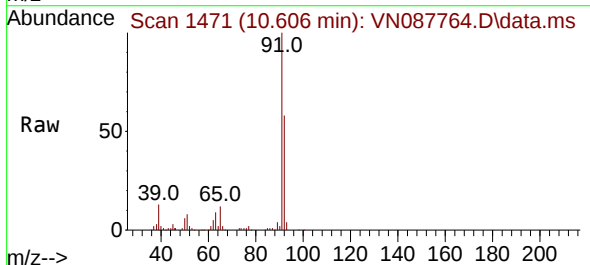
Tgt Ion:164 Resp: 46129
Ion Ratio Lower Upper
164 100
166 112.0 97.3 145.9
129 96.2 78.6 117.8
131 87.8 79.2 118.8

Manual Integrations
APPROVED

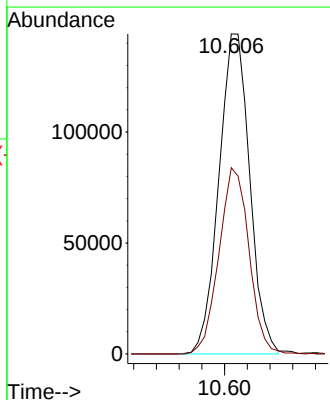
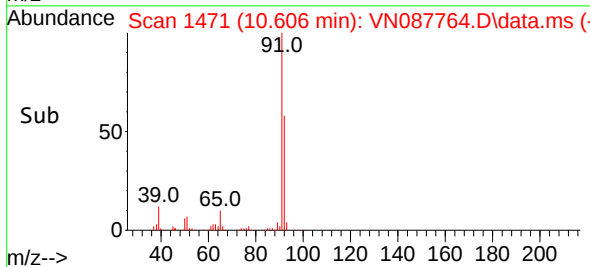
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

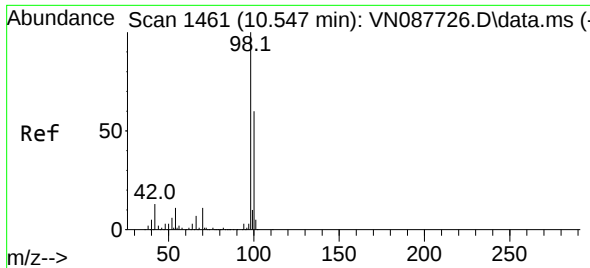


#62
Toluene
Concen: 18.565 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



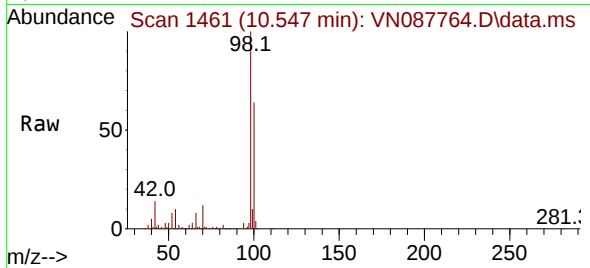
Tgt Ion: 91 Resp: 271811
Ion Ratio Lower Upper
91 100
92 56.6 45.4 68.0





#63
Toluene-d8
Concen: 30.330 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

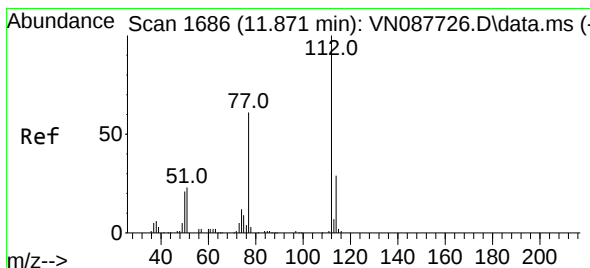
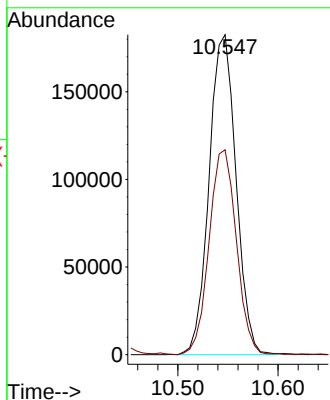
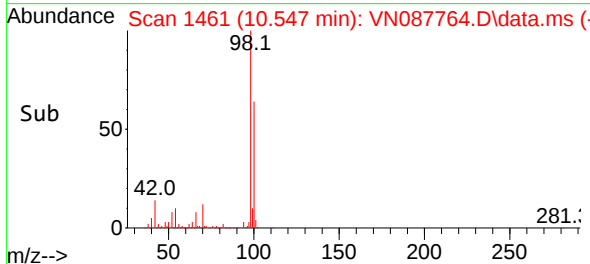
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



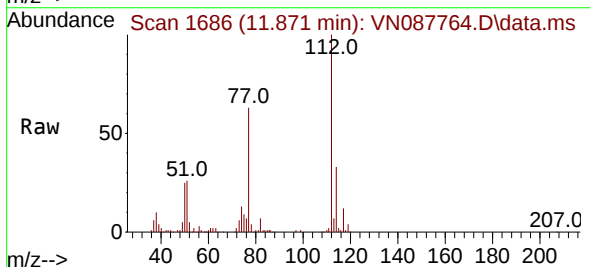
Tgt Ion: 98 Resp: 341409
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

Manual Integrations
APPROVED

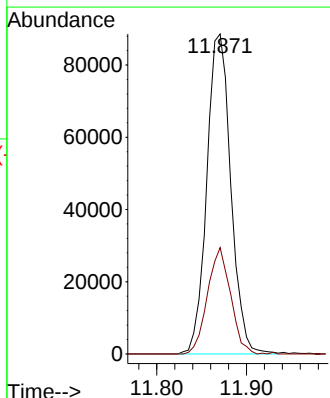
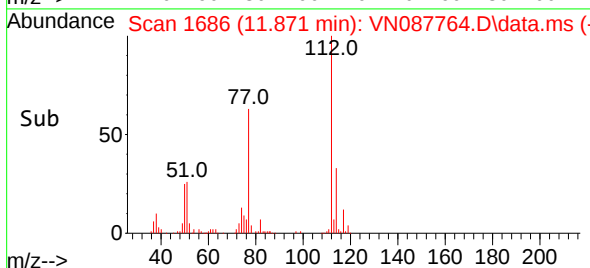
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

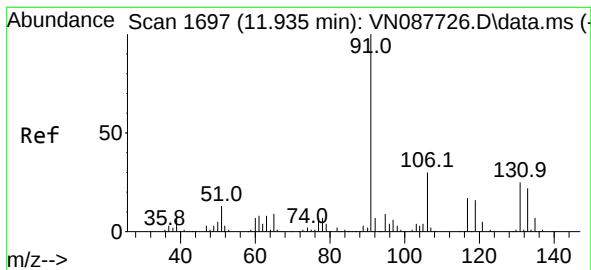


#64
Chlorobenzene
Concen: 18.326 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



Tgt Ion:112 Resp: 164674
Ion Ratio Lower Upper
112 100
114 33.3 23.5 35.3





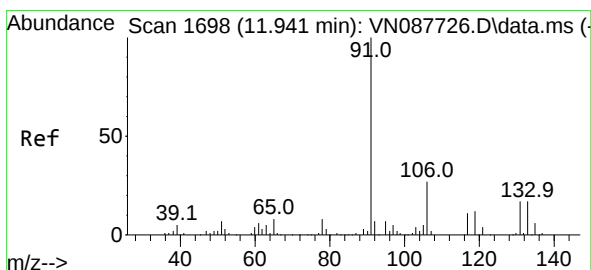
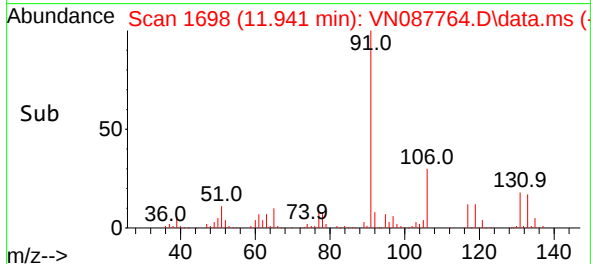
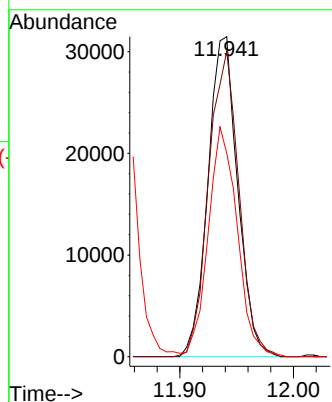
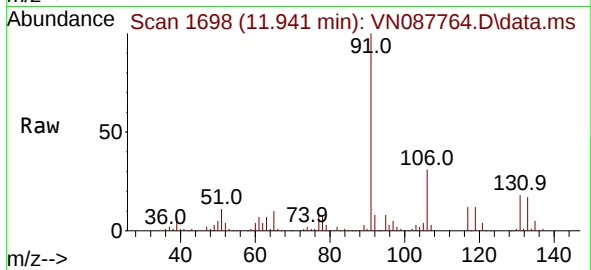
#65
1,1,1,2-Tetrachloroethane
Concen: 18.121 ug/l
RT: 11.941 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 57329
Ion Ratio Lower Upper
131 100
133 97.0 0.0 195.8
119 69.8 0.0 139.0

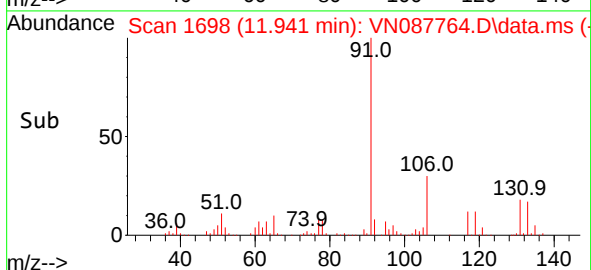
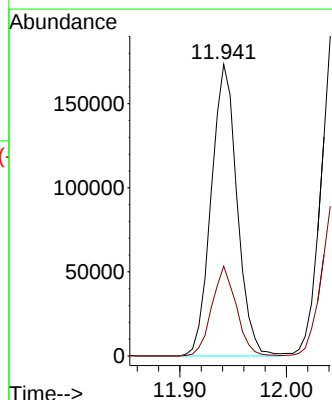
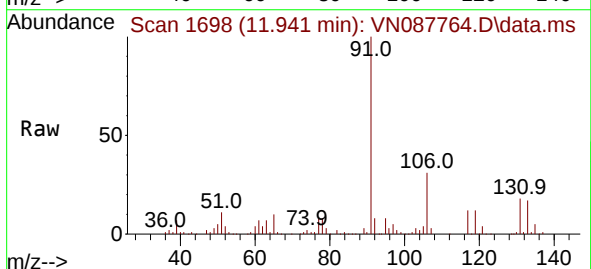
Manual Integrations
APPROVED

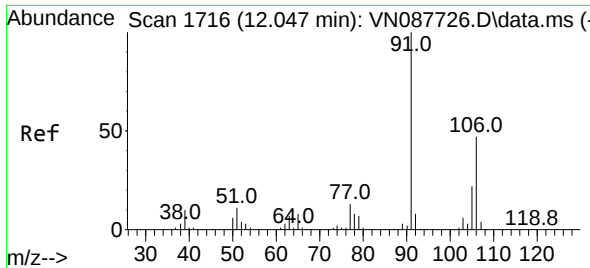
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#66
Ethyl Benzene
Concen: 18.533 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 91 Resp: 292730
Ion Ratio Lower Upper
91 100
106 30.8 21.3 31.9





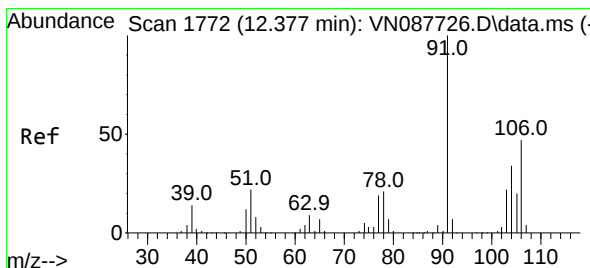
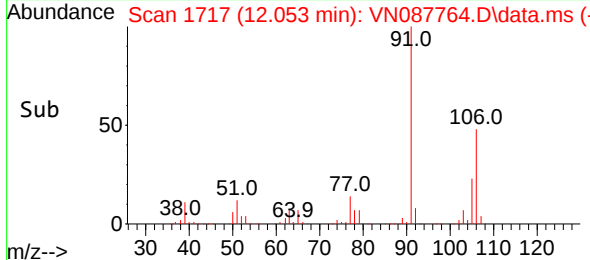
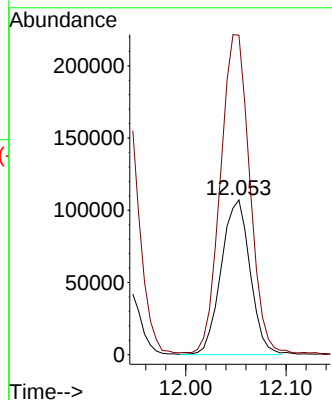
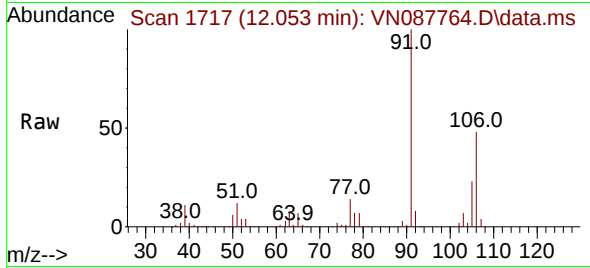
#67
m/p-Xylenes
Concen: 36.509 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 214058
Ion Ratio Lower Upper
106 100
91 210.5 174.3 261.5

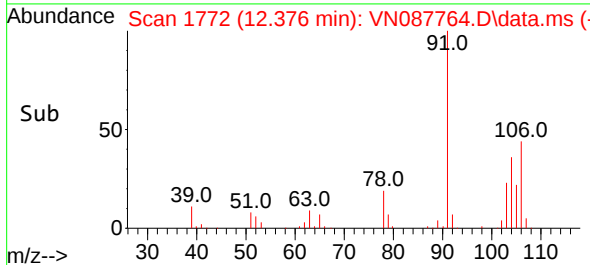
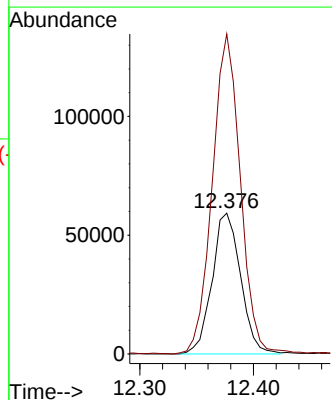
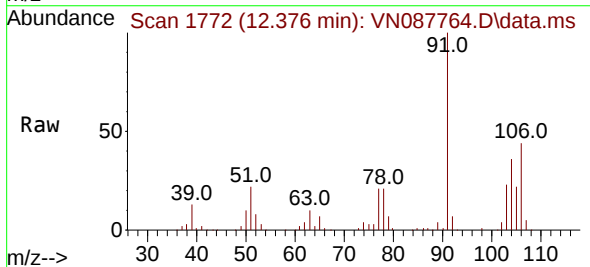
Manual Integrations
APPROVED

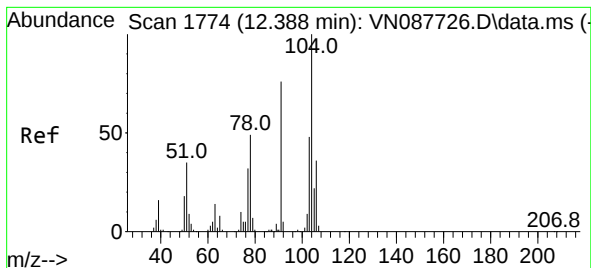
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#68
o-Xylene
Concen: 18.191 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion:106 Resp: 103412
Ion Ratio Lower Upper
106 100
91 223.5 107.7 323.3





#69

Styrene

Concen: 18.107 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

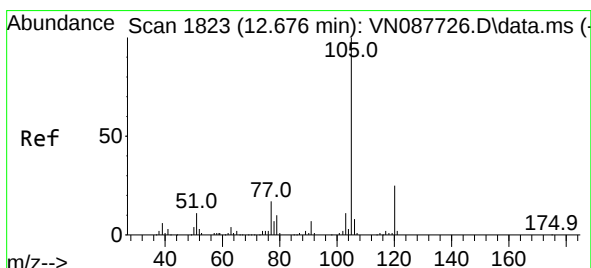
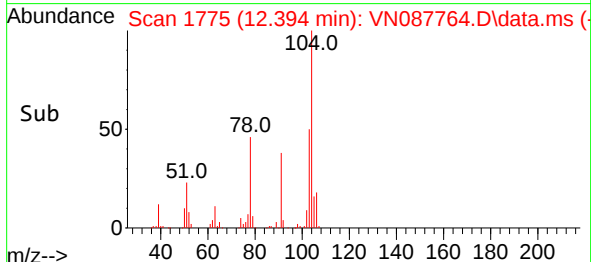
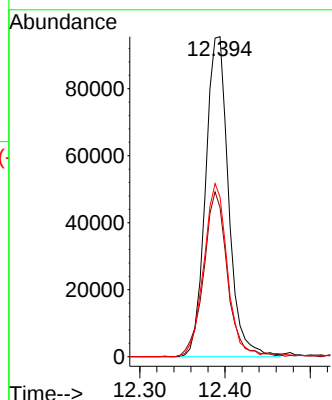
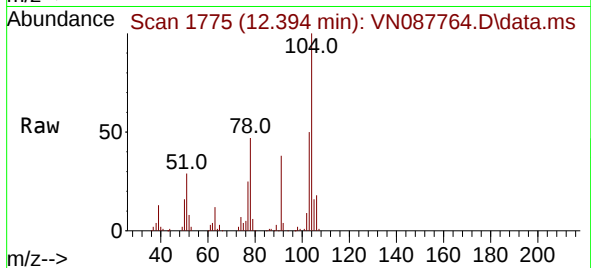
VSTDCCC020

Tgt Ion:	104	Resp:	17890
Ion Ratio	Lower	Upper	
104	100		
78	53.1	41.0	61.6
103	55.2	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#70

Isopropylbenzene

Concen: 18.550 ug/l

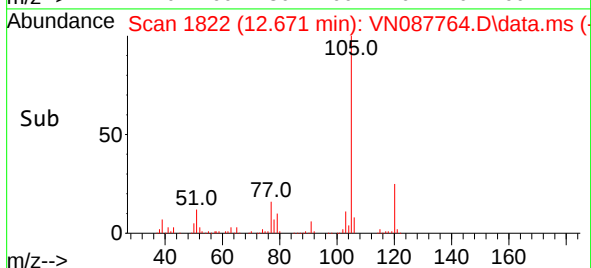
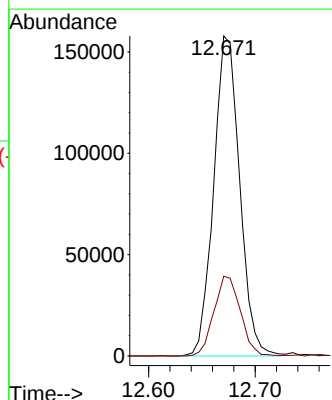
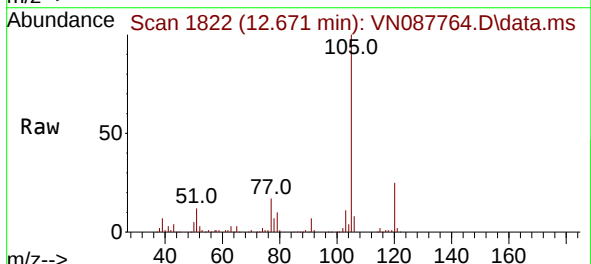
RT: 12.671 min Scan# 1822

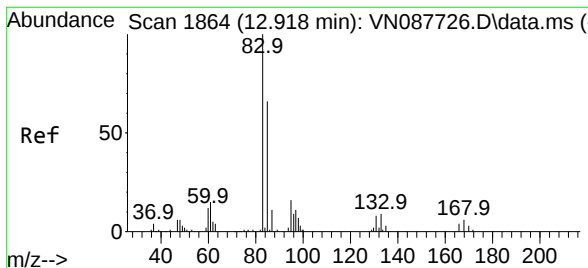
Delta R.T. -0.006 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Tgt Ion:	105	Resp:	267393
Ion Ratio	Lower	Upper	
105	100		
120	25.4	17.4	32.4





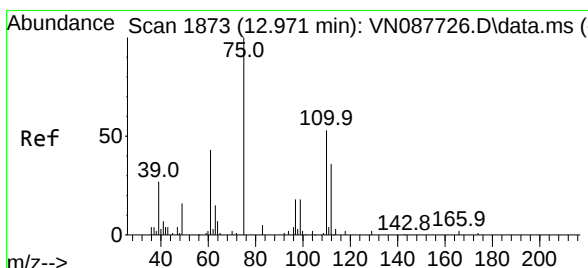
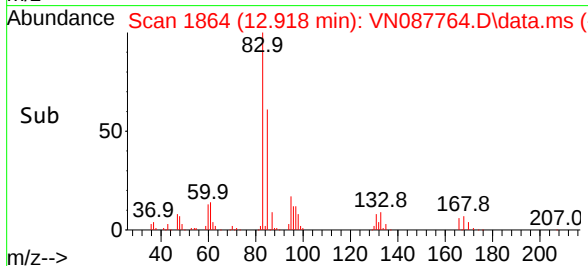
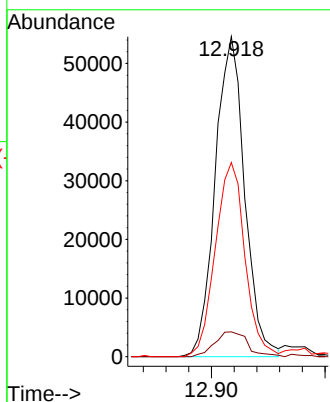
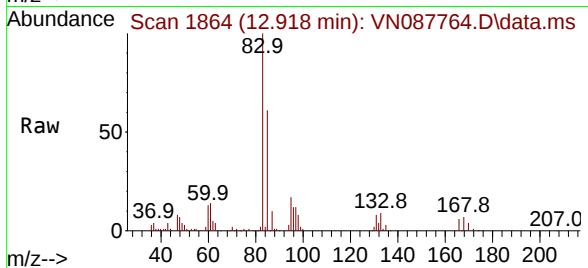
#71
1,1,2,2-Tetrachloroethane
Concen: 18.926 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

Tgt Ion: 83 Resp: 98070
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 60.9 31.9 95.7

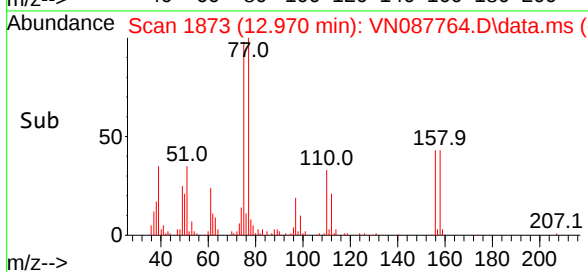
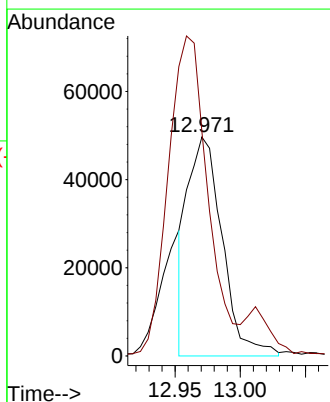
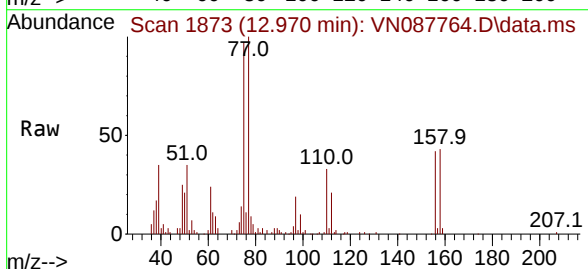
Manual Integrations
APPROVED

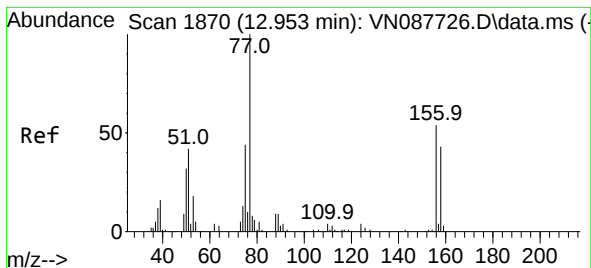
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#72
1,2,3-Trichloropropane
Concen: 18.051 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 75 Resp: 91843
Ion Ratio Lower Upper
75 100
77 167.7 0.0 378.8





#73

Bromobenzene

Concen: 17.668 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

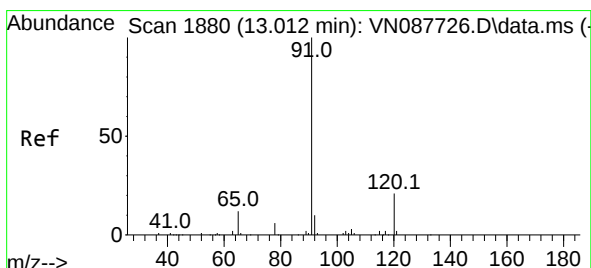
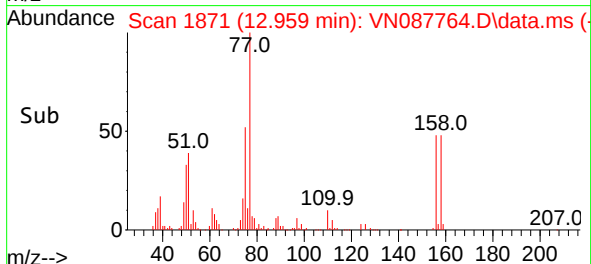
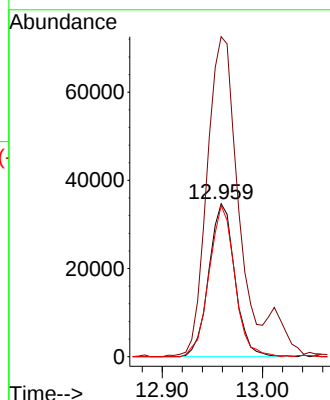
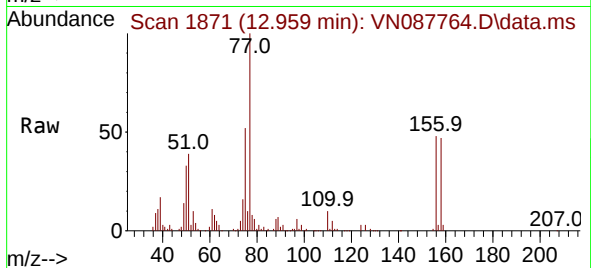
VSTDCCC020

Tgt Ion:	156	Resp:	62308
Ion Ratio	Lower	Upper	
156	100		
77	247.2	0.0	484.2
158	97.8	0.0	186.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#74

n-propylbenzene

Concen: 18.570 ug/l

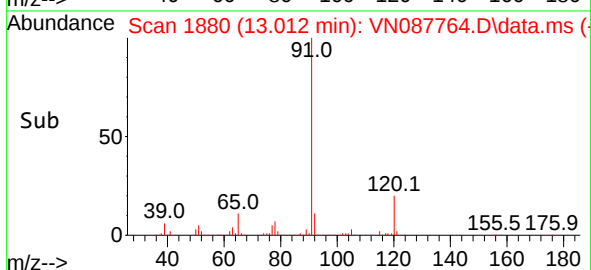
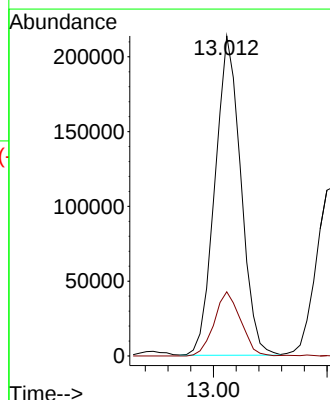
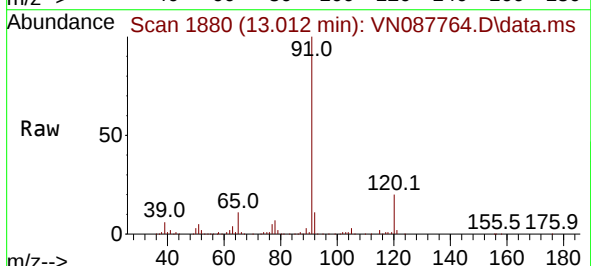
RT: 13.012 min Scan# 1880

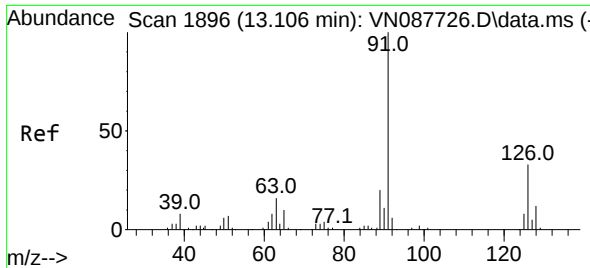
Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Tgt Ion:	91	Resp:	337742
Ion Ratio	Lower	Upper	
91	100		
120	20.4	0.0	42.2





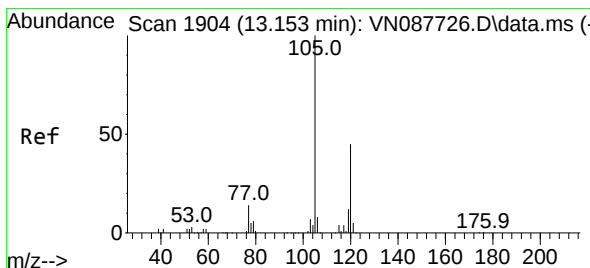
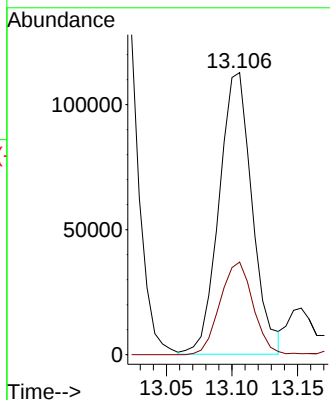
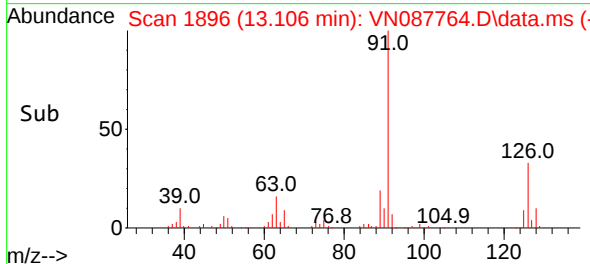
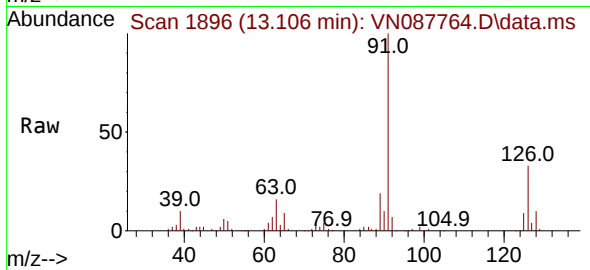
#75
2-Chlorotoluene
Concen: 18.129 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 198440
Ion Ratio Lower Upper
91 100
126 32.6 0.0 60.4

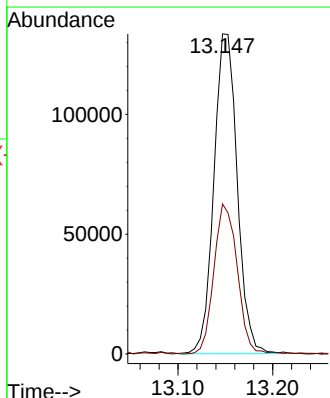
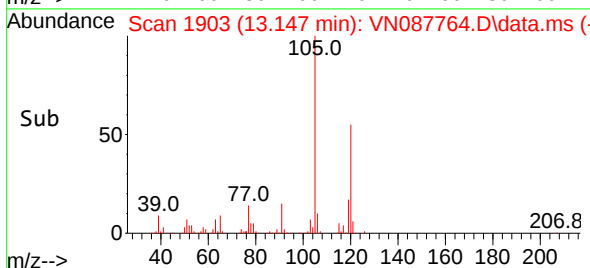
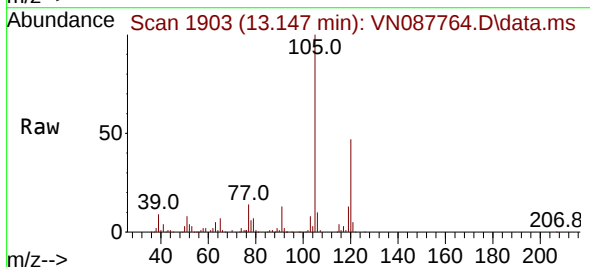
Manual Integrations
APPROVED

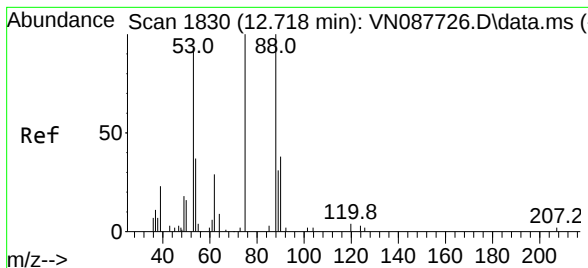
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.816 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

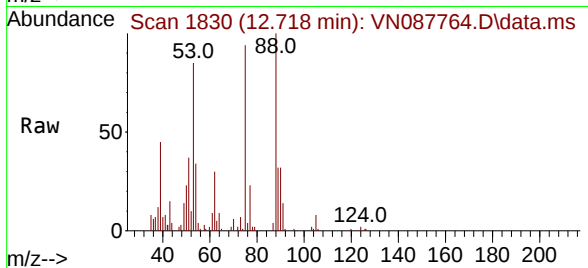
Tgt Ion:105 Resp: 229034
Ion Ratio Lower Upper
105 100
120 46.7 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.838 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

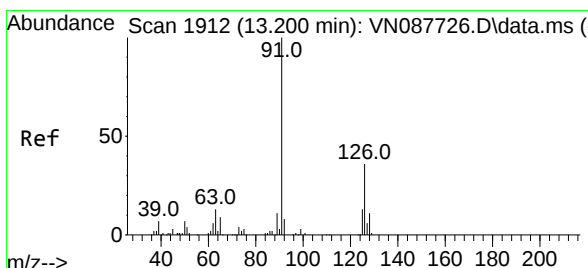
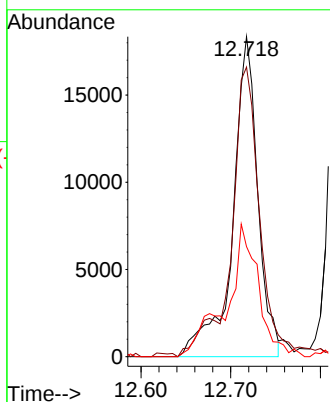
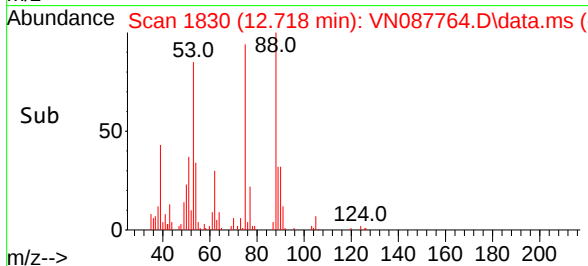
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 35780
Ion Ratio Lower Upper
75 100
53 90.5 45.3 135.9
89 34.4 18.8 56.3

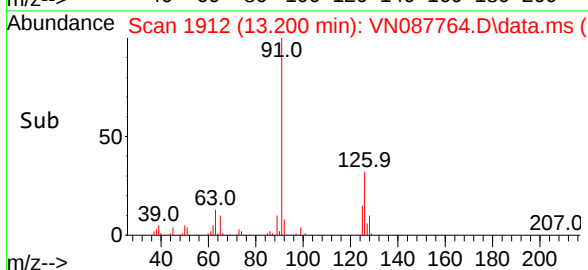
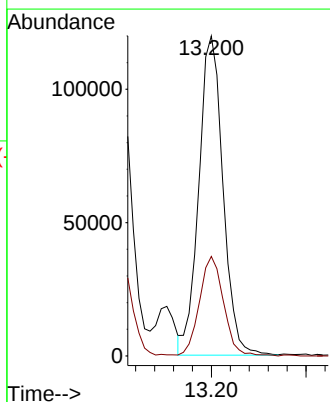
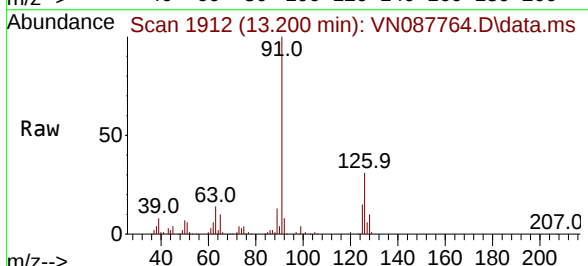
Manual Integrations
APPROVED

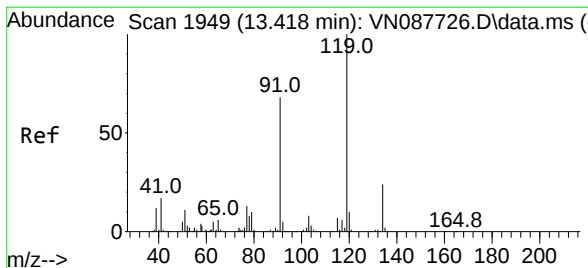
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#78
4-Chlorotoluene
Concen: 19.247 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 91 Resp: 212405
Ion Ratio Lower Upper
91 100
126 31.0 0.0 67.0





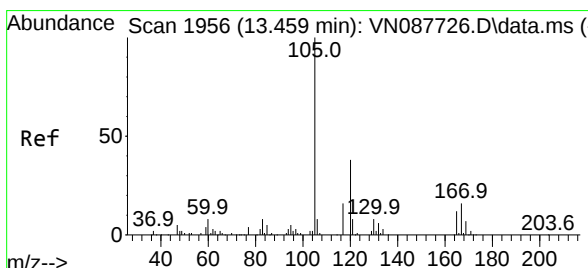
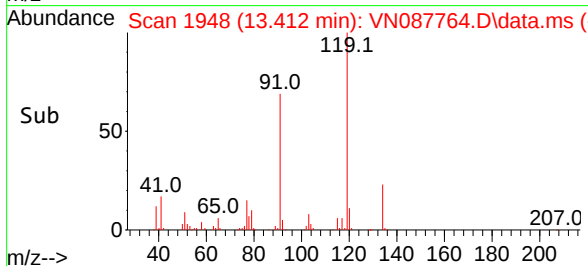
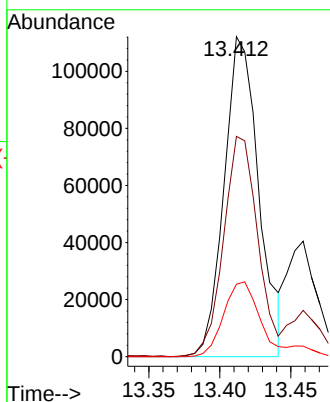
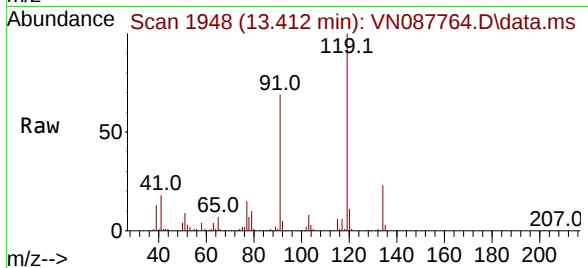
#79
tert-butylbenzene
Concen: 18.696 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 19059
Ion Ratio Lower Upper
119 100
91 67.9 0.0 142.6
134 24.3 0.0 47.2

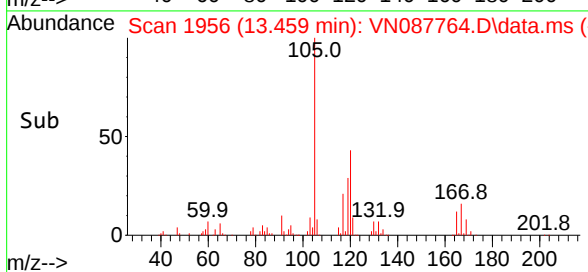
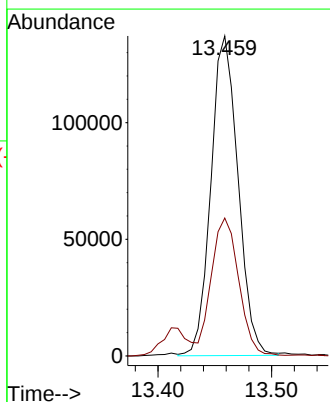
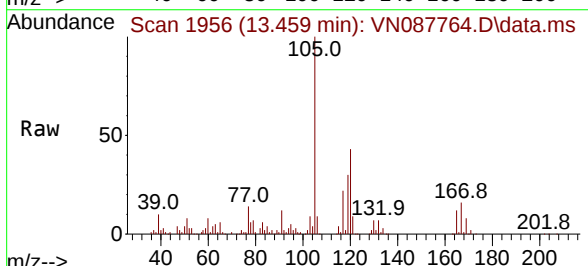
Manual Integrations
APPROVED

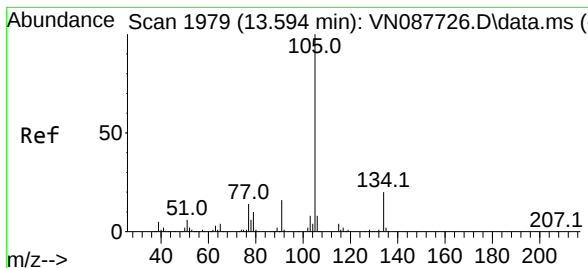
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.215 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

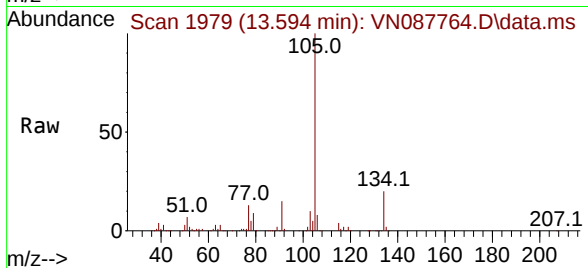
Tgt Ion:105 Resp: 227309
Ion Ratio Lower Upper
105 100
120 43.0 0.0 86.6





#81
 sec-Butylbenzene
 Concen: 18.806 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16

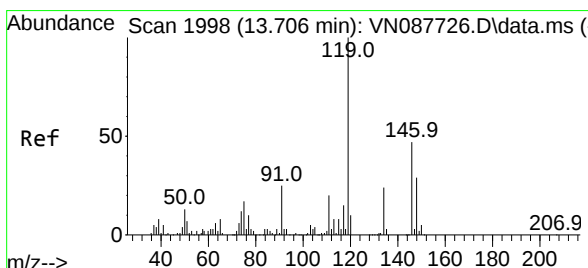
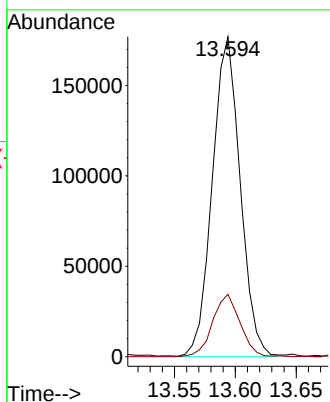
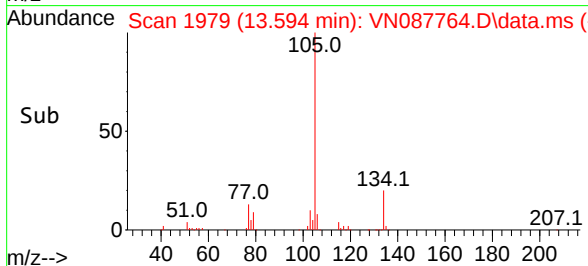
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



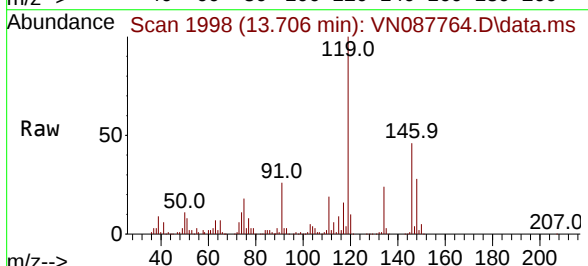
Tgt Ion:105 Resp: 28197
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.0

Manual Integrations
 APPROVED

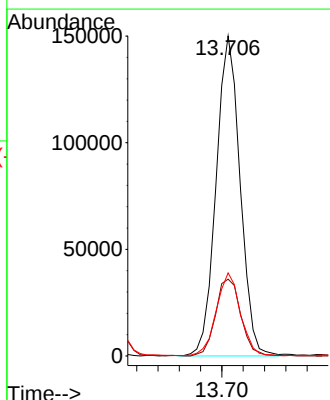
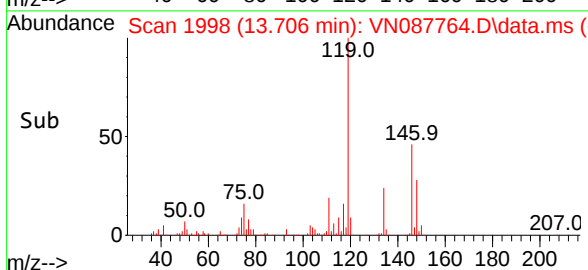
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

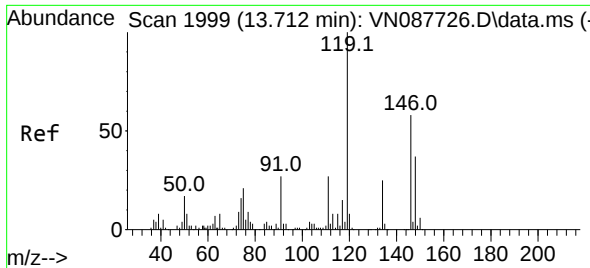


#82
 p-Isopropyltoluene
 Concen: 18.998 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087764.D
 Acq: 09 Sep 2025 09:16



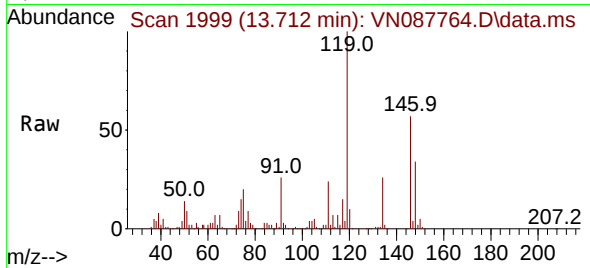
Tgt Ion:119 Resp: 234710
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 49.4
 91 25.7 0.0 52.2





#83
1,3-Dichlorobenzene
Concen: 18.589 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

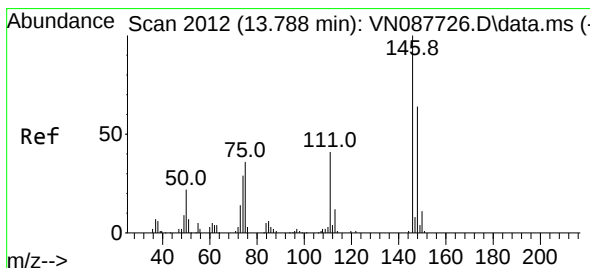
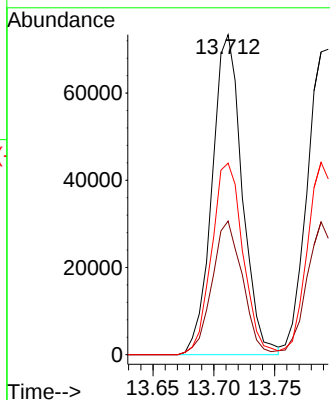
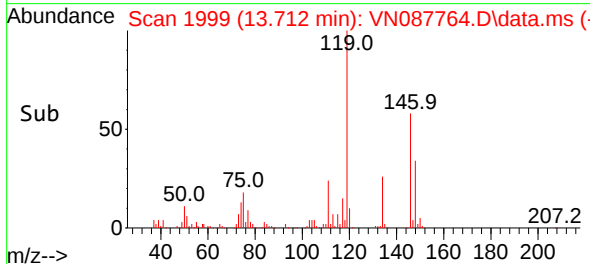
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



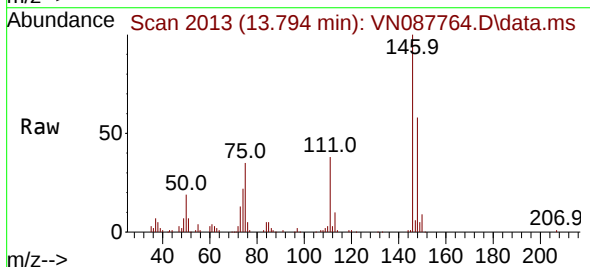
Tgt Ion:146 Resp: 126385
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.4
148 62.3 31.0 93.0

Manual Integrations
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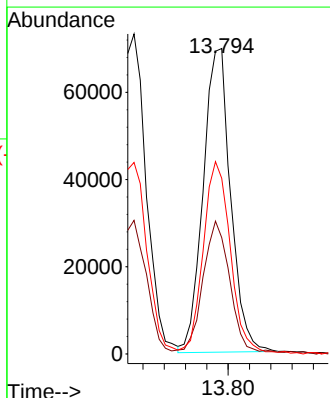
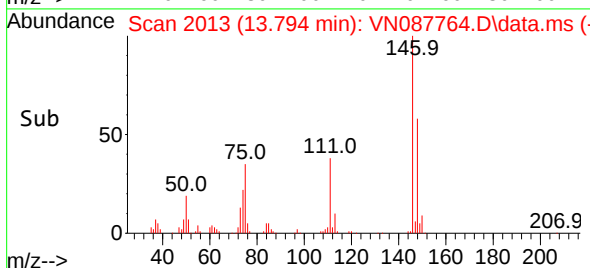
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

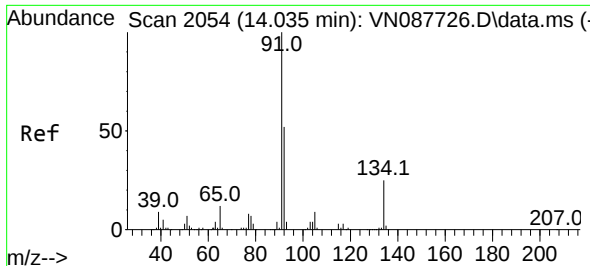


#84
1,4-Dichlorobenzene
Concen: 18.331 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



Tgt Ion:146 Resp: 124925
Ion Ratio Lower Upper
146 100
111 42.7 20.2 60.5
148 62.8 31.5 94.5





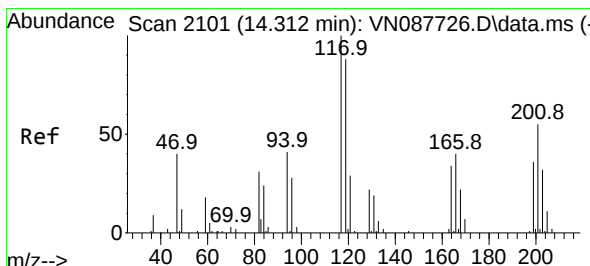
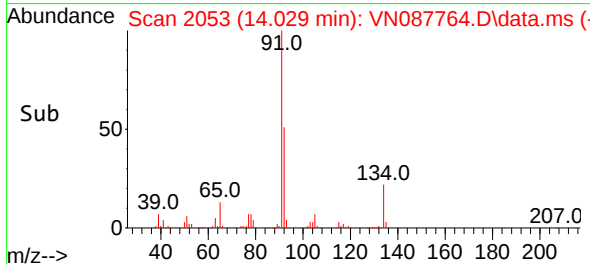
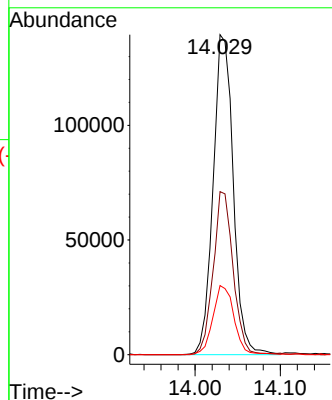
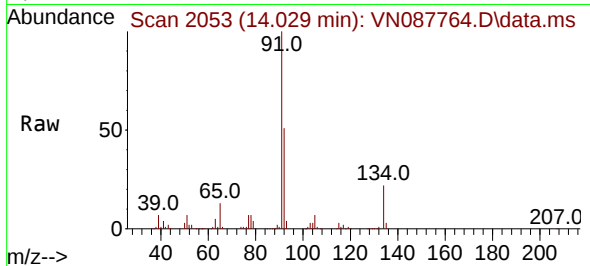
#85
n-Butylbenzene
Concen: 19.310 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 22931
Ion Ratio Lower Upper
91 100
92 49.7 0.0 104.0
134 22.7 0.0 46.0

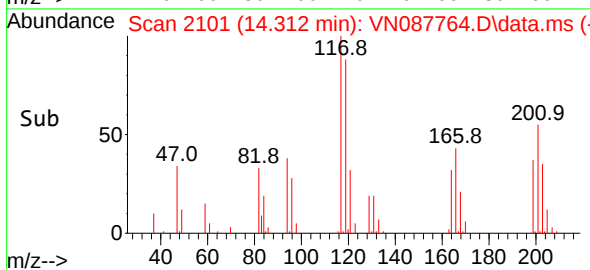
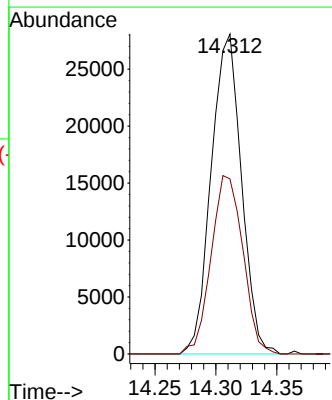
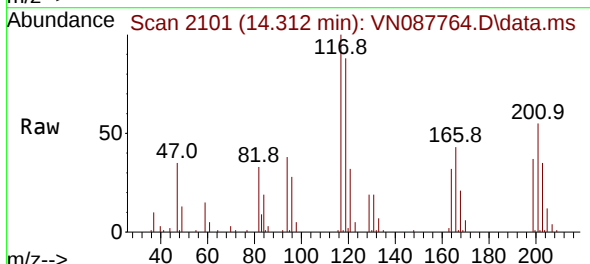
Manual Integrations
APPROVED

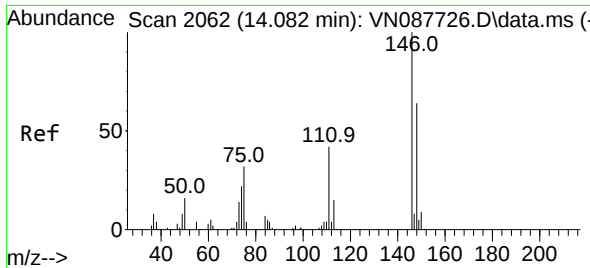
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#86
Hexachloroethane
Concen: 19.370 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion:117 Resp: 48607
Ion Ratio Lower Upper
117 100
201 58.5 29.9 89.7





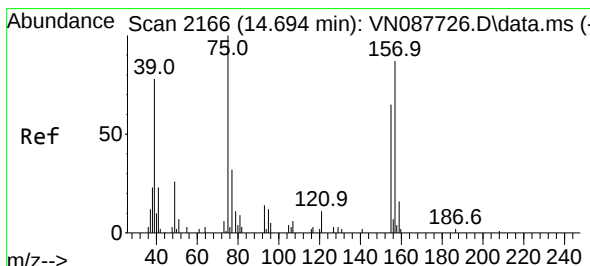
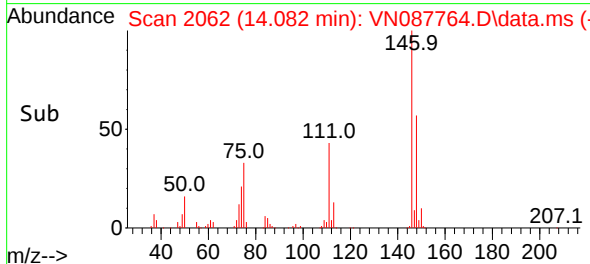
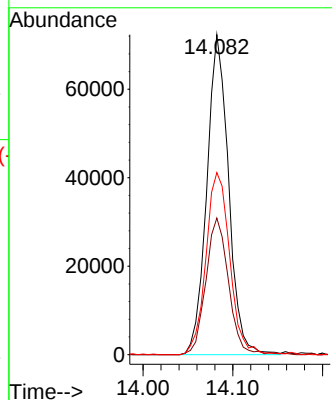
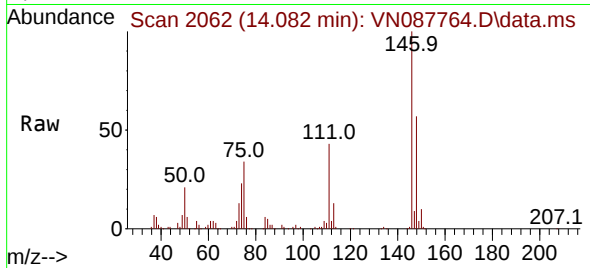
#87
1,2-Dichlorobenzene
Concen: 19.009 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 12189
Ion Ratio Lower Upper
146 100
111 44.2 21.5 64.5
148 62.2 33.4 100.1

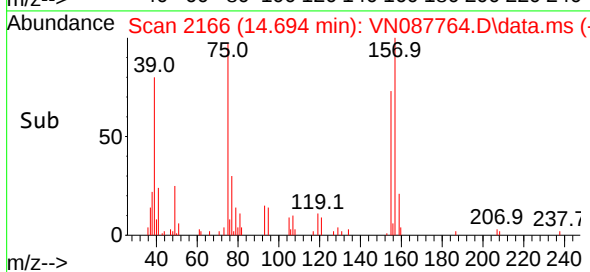
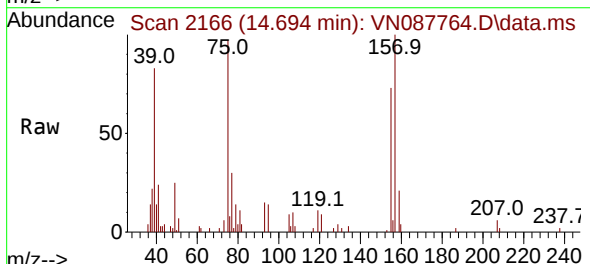
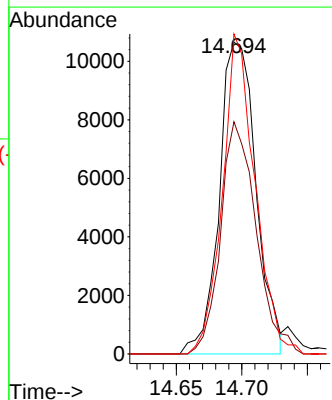
Manual Integrations
APPROVED

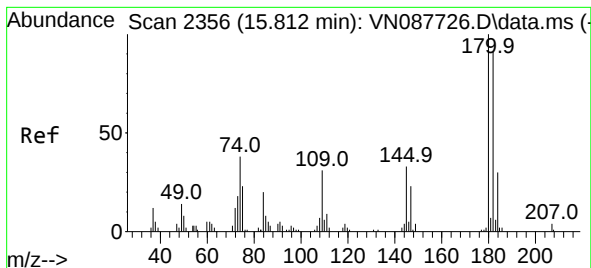
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.027 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

Tgt Ion: 75 Resp: 20731
Ion Ratio Lower Upper
75 100
155 72.2 53.0 79.4
157 90.7 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 18.558 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

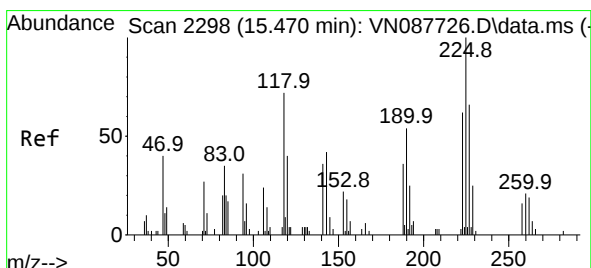
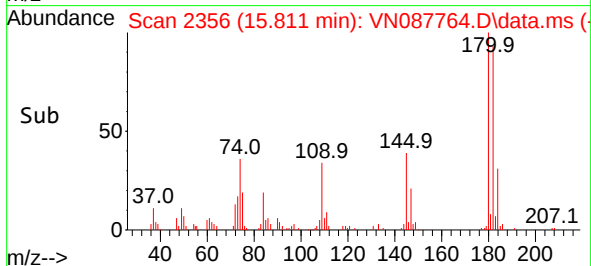
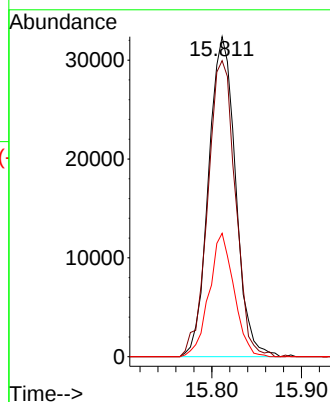
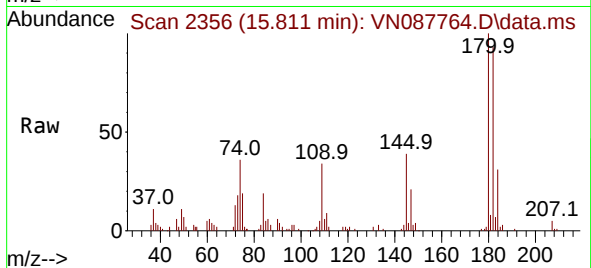
VSTDCCC020

Tgt Ion:	180	Resp:	67684
Ion Ratio	Lower	Upper	
180	100		
182	93.7	74.6	111.8
145	35.4	27.4	41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#90

Hexachlorobutadiene

Concen: 22.156 ug/l

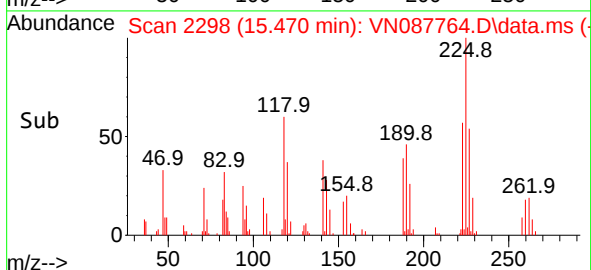
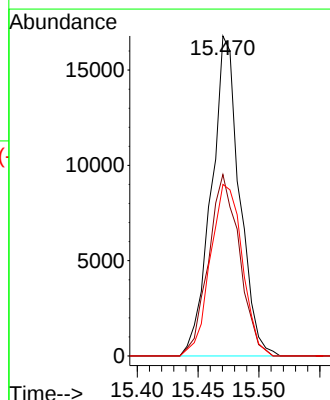
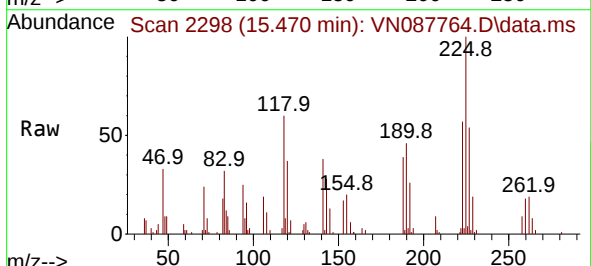
RT: 15.470 min Scan# 2298

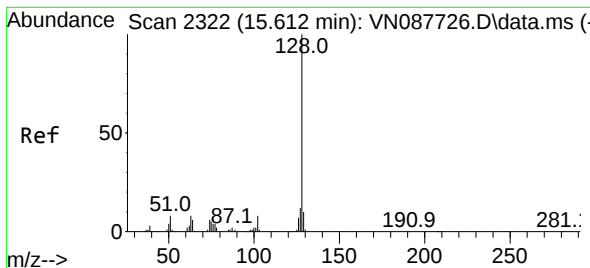
Delta R.T. -0.000 min

Lab File: VN087764.D

Acq: 09 Sep 2025 09:16

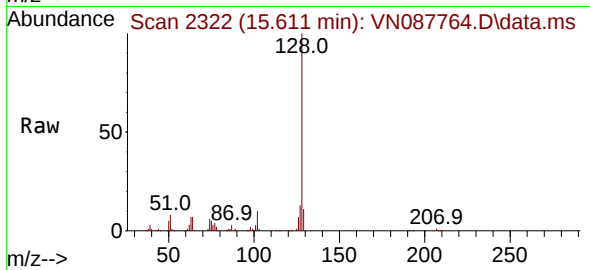
Tgt Ion:	225	Resp:	27090
Ion Ratio	Lower	Upper	
225	100		
223	61.9	0.0	118.2
227	60.7	0.0	139.0





#91
Naphthalene
Concen: 17.591 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16

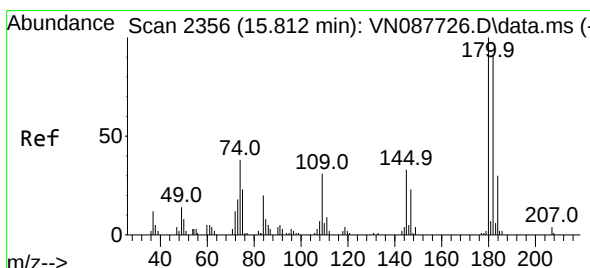
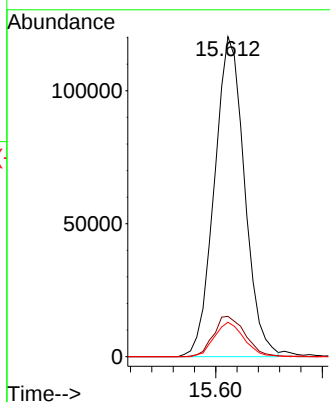
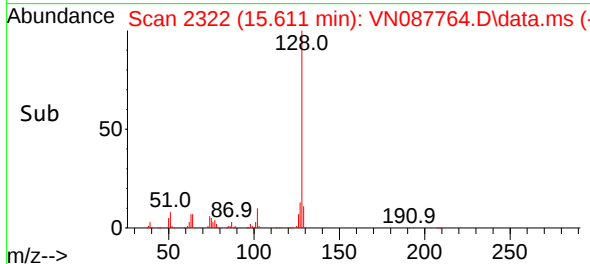
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



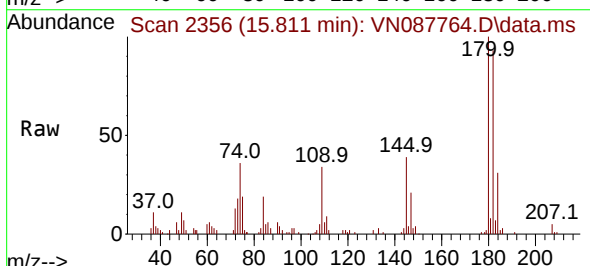
Tgt Ion:128 Resp: 236198
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.6 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.558 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087764.D
Acq: 09 Sep 2025 09:16



Tgt Ion:180 Resp: 67684
Ion Ratio Lower Upper
180 100
182 93.7 0.0 186.4
145 35.4 0.0 68.4

