

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087765.D
 Acq On : 09 Sep 2025 09:59
 Operator : JC\MD
 Sample : VN0909WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 02:27:38 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	7.789	128	49254m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	259436	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	243037	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	128494	30.540	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.800%			
60) 4-Bromofluorobenzene	12.824	95	116971	29.932	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.767%			
63) Toluene-d8	10.541	98	340388	30.116	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58680	19.169	ug/l	95
3) Chloromethane	2.383	50	62725	19.519	ug/l	98
4) Vinyl Chloride	2.536	62	71215	19.605	ug/l	99
5) Bromomethane	2.983	94	41640	19.540	ug/l	85
6) Chloroethane	3.142	64	48104	19.376	ug/l #	82
7) Trichlorofluoromethane	3.518	101	103143	19.371	ug/l	96
8) Diethyl Ether	3.965	74	44488	19.786	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	56390	19.552	ug/l	82
10) 1,1-Dichloroethene	4.336	96	55852	18.784	ug/l	90
11) Methyl Iodide	4.583	142	40436	19.212	ug/l	86
12) Methyl Acetate	5.018	43	84881	18.519	ug/l	96
13) Acrolein	4.177	56	67197	82.340	ug/l #	39
14) Acrylonitrile	5.700	53	180858	91.671	ug/l	99
15) Acetone	4.418	58	57691	93.736	ug/l	98
16) Carbon Disulfide	4.712	76	156901	19.219	ug/l	97
17) Allyl chloride	5.012	41	88904	18.306	ug/l	97
18) Methylene Chloride	5.265	84	64179	19.054	ug/l	91
19) trans-1,2-Dichloroethene	5.771	96	58078	19.152	ug/l	94
20) Diisopropyl ether	6.659	45	206727	18.510	ug/l	96
21) 1,1-Dichloroethane	6.553	63	115462	18.879	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	68625	18.644	ug/l	98
23) tert-Butyl Alcohol	5.512	59	59237	84.938	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	199042	18.750	ug/l #	56
25) Chloroform	7.947	83	121551	18.987	ug/l	97
26) Cyclohexane	8.236	56	84922	18.233	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	76984	18.259	ug/l	98
30) 2-Butanone	7.471	43	255631	88.012	ug/l	98
31) 2,2-Dichloropropane	7.465	77	96798	19.045	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	101274	18.946	ug/l #	83
33) Carbon Tetrachloride	8.347	117	83539	18.743	ug/l	97
34) Benzene	8.583	78	251203	18.434	ug/l	96
35) Methacrylonitrile	7.765	41	55675	18.326	ug/l	98
36) 1,2-Dichloroethane	8.653	62	99026	19.239	ug/l	96
37) Trichloroethene	9.336	130	54896	18.022	ug/l	100
38) Methylcyclohexane	9.583	83	86347	18.599	ug/l	99
39) 1,2-Dichloropropane	9.600	63	65889	18.879	ug/l	98
40) Dibromomethane	9.688	93	48040	18.496	ug/l	97
41) Bromodichloromethane	9.865	83	99095	18.667	ug/l	95
42) Vinyl Acetate	6.589	43	867645	89.407	ug/l	99

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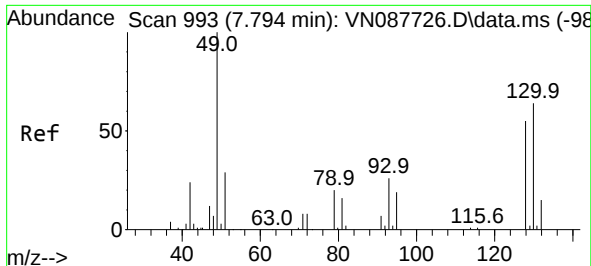
Manual Integrations
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Reviewed By : Semsettin Yesilyurt 09/10/2025
 Supervised By : Mahesh Dadoda 09/10/2025

Quant Time: Sep 10 02:27:38 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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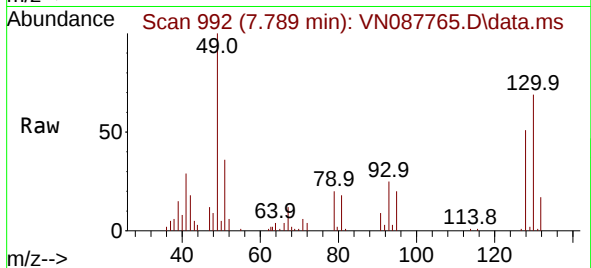
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	107829	18.171	ug/l	99
44) Isopropyl Acetate	8.671	43	170053	18.280	ug/l	100
45) 1,4-Dioxane	9.677	88	19687	335.571	ug/l #	90
46) Methyl methacrylate	9.659	41	77012	17.960	ug/l	96
47) n-amyl Acetate	12.541	43	105131m	16.723	ug/l	
48) t-1,3-Dichloropropene	10.818	75	100794	18.281	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	105741	18.724	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	61434	18.313	ug/l	94
51) Ethyl methacrylate	10.859	69	92999	17.813	ug/l	96
52) 1,3-Dichloropropane	11.141	76	107500	18.454	ug/l	97
53) Dibromochloromethane	11.335	129	67736	18.008	ug/l	93
54) 1,2-Dibromoethane	11.447	107	62373	17.869	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	265059	88.611	ug/l	97
56) Bromoform	12.559	173	42334	17.234	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	518093	90.157	ug/l	99
59) 2-Hexanone	11.177	43	327910	87.325	ug/l	96
61) Tetrachloroethene	11.082	164	45155	18.661	ug/l	96
62) Toluene	10.606	91	267114	18.170	ug/l	99
64) Chlorobenzene	11.871	112	170327	18.877	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	58355	18.370	ug/l	97
66) Ethyl Benzene	11.941	91	292293	18.430	ug/l	96
67) m/p-Xylenes	12.047	106	215169	36.548	ug/l	95
68) o-Xylene	12.377	106	103645	18.157	ug/l	95
69) Styrene	12.388	104	176063	17.746	ug/l	99
70) Isopropylbenzene	12.676	105	267394	18.475	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	95144	18.286	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	92472m	18.100	ug/l	
73) Bromobenzene	12.959	156	64305	18.159	ug/l	99
74) n-propylbenzene	13.012	91	339310	18.580	ug/l	100
75) 2-Chlorotoluene	13.106	91	199499	18.151	ug/l	96
76) 1,3,5-Trimethylbenzene	13.147	105	228194	18.670	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	29451	17.079	ug/l	90
78) 4-Chlorotoluene	13.200	91	213252	19.245	ug/l	97
79) tert-butylbenzene	13.418	119	190721	18.633	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	229402	18.307	ug/l	97
81) sec-Butylbenzene	13.594	105	286243	19.012	ug/l	99
82) p-Isopropyltoluene	13.706	119	229865	18.530	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	125384	18.366	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	129907	18.984	ug/l	99
85) n-Butylbenzene	14.035	91	228308	19.147	ug/l	99
86) Hexachloroethane	14.312	117	45193	17.936	ug/l	93
87) 1,2-Dichlorobenzene	14.082	146	118365	18.383	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21024	18.207	ug/l	95
89) 1,2,4-Trichlorobenzene	15.812	180	63973	17.469	ug/l	95
90) Hexachlorobutadiene	15.476	225	25898	21.095	ug/l	91
91) Naphthalene	15.612	128	234675	17.406	ug/l	98
92) 1,2,3-Trichlorobenzene	15.812	180	63973	17.469	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.789 min Scan# 993
Delta R.T. -0.005 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

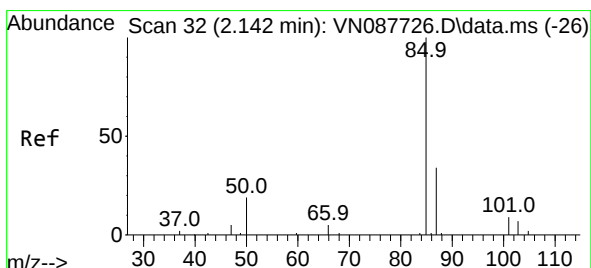
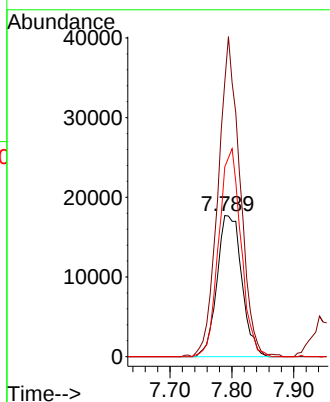
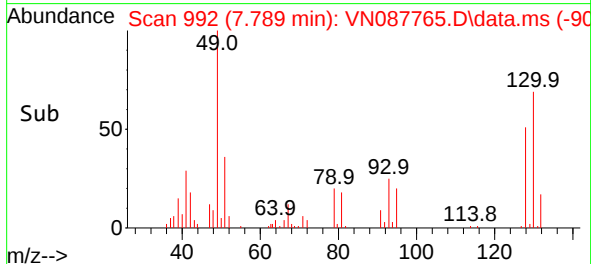
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion:128 Resp: 49254
Ion Ratio Lower Upper
128 100
49 199.6 0.0 464.3
130 132.6 0.0 300.5

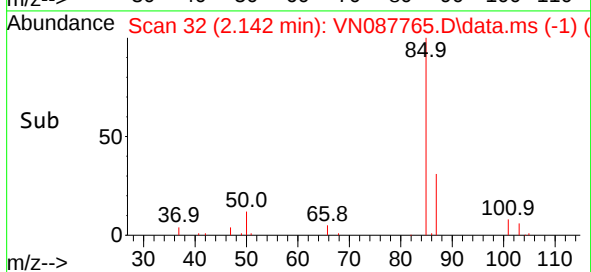
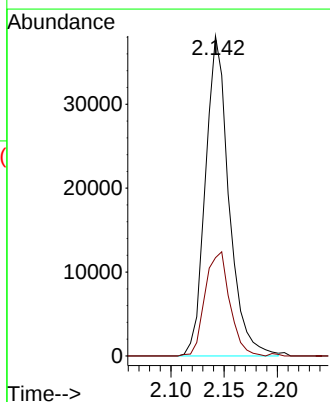
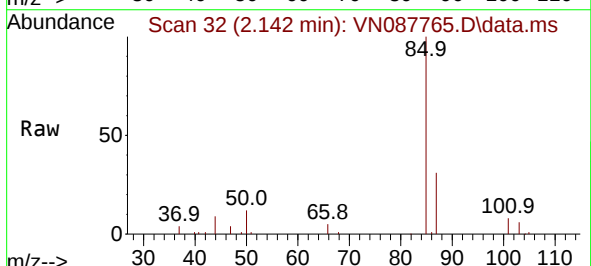
Manual Integrations
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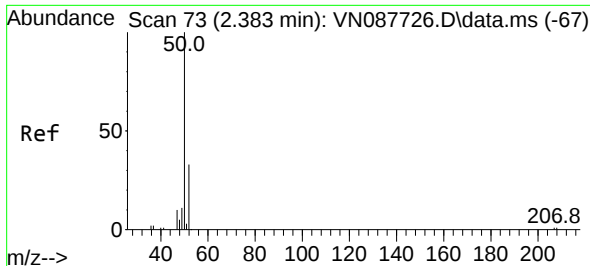
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#2
Dichlorodifluoromethane
Concen: 19.169 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

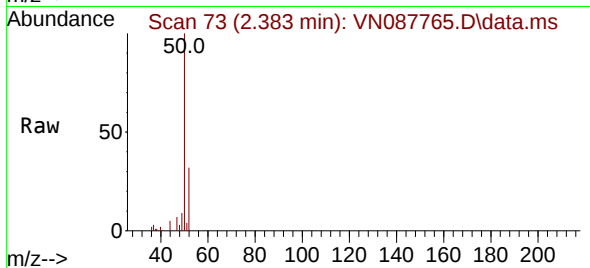
Tgt Ion: 85 Resp: 58680
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.4





#3
Chloromethane
Concen: 19.519 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

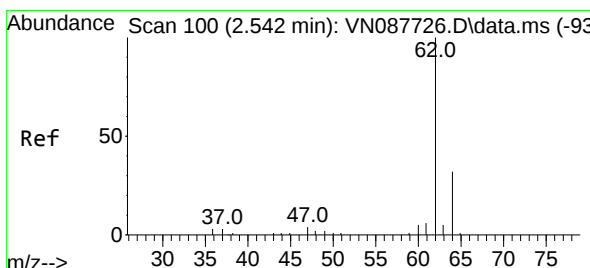
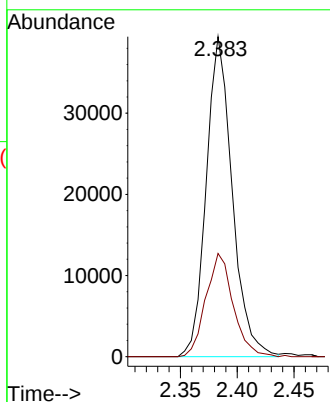
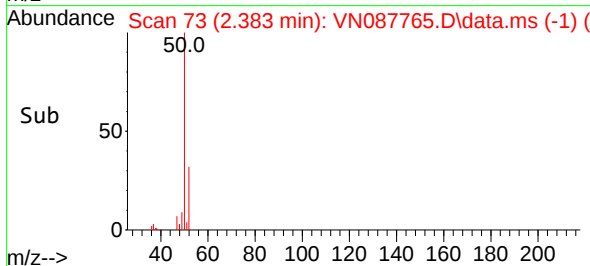
Instrument :
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ClientSampleId :
VN0909WBS01



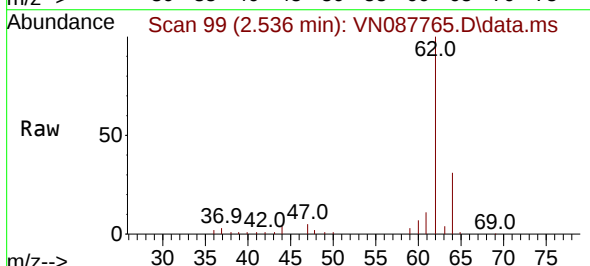
Tgt Ion: 50 Resp: 62725
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0

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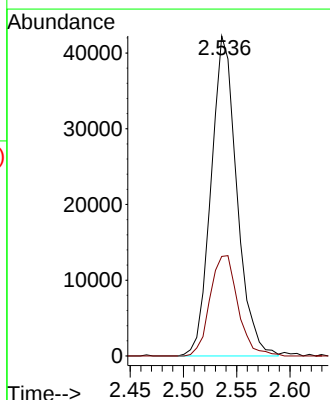
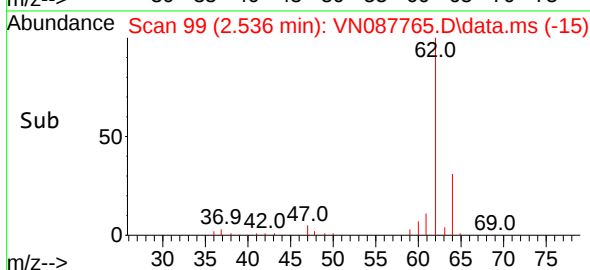
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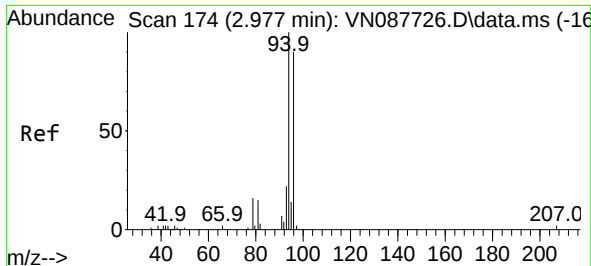


#4
Vinyl Chloride
Concen: 19.605 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



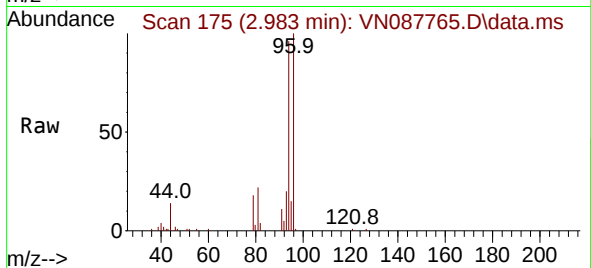
Tgt Ion: 62 Resp: 71215
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3





#5
Bromomethane
Concen: 19.540 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

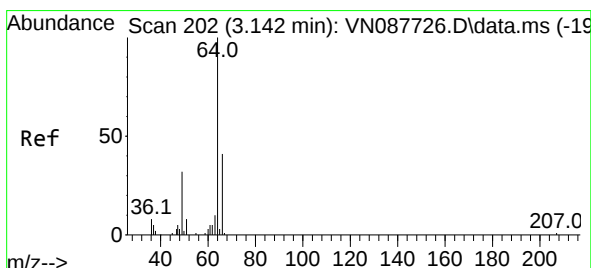
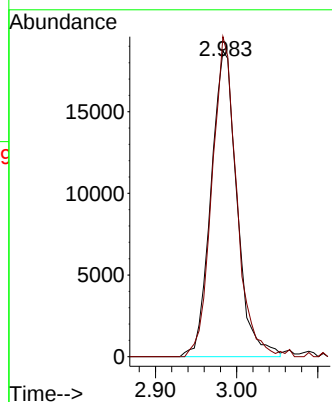
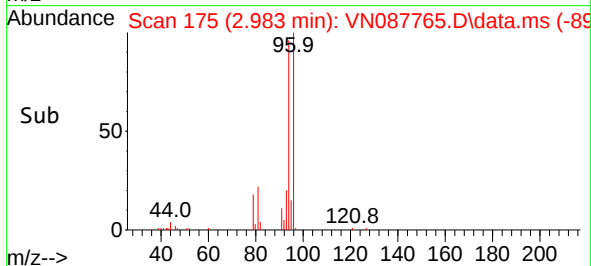
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Tgt Ion: 94 Resp: 41640
Ion Ratio Lower Upper
94 100
96 104.7 72.2 108.4

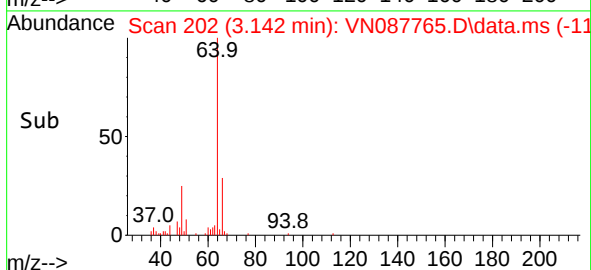
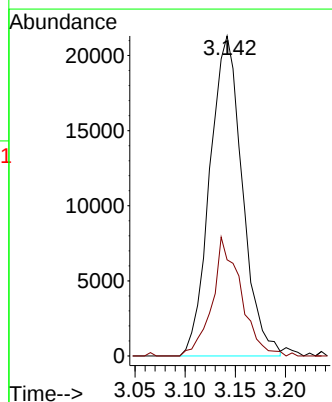
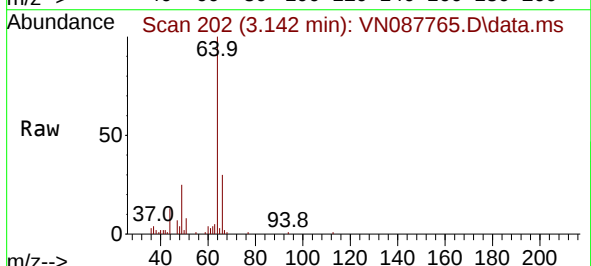
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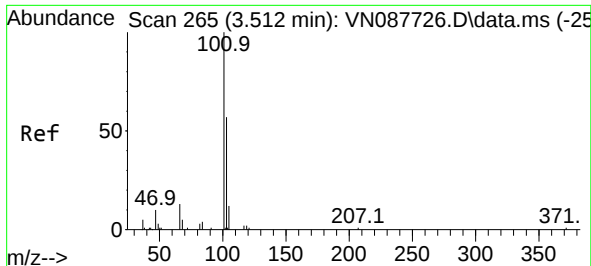
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#6
Chloroethane
Concen: 19.376 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

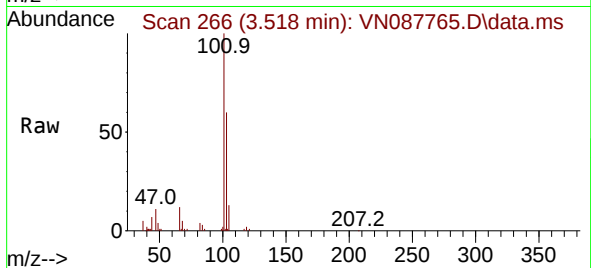
Tgt Ion: 64 Resp: 48104
Ion Ratio Lower Upper
64 100
66 30.1 32.8 49.2#





#7
 Trichlorofluoromethane
 Concen: 19.371 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59

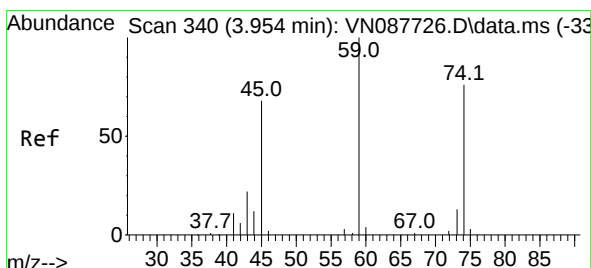
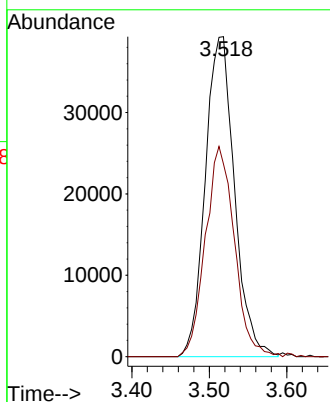
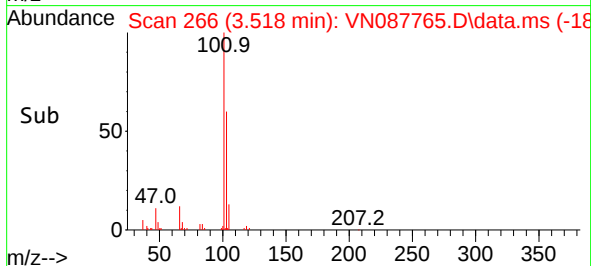
Instrument :
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Tgt Ion: 101 Resp: 10314
 Ion Ratio Lower Upper
 101 100
 103 60.2 45.7 68.5

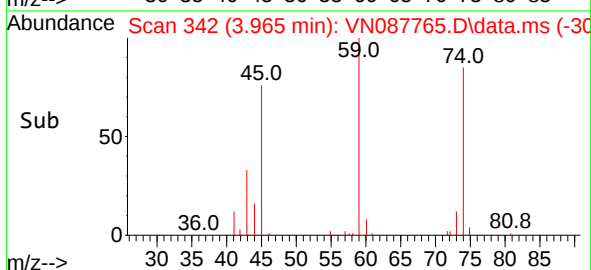
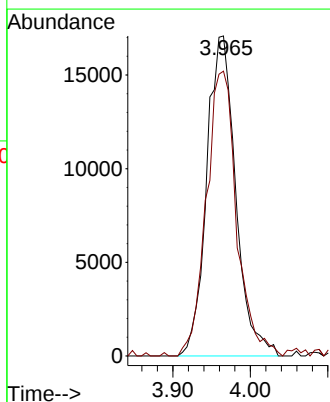
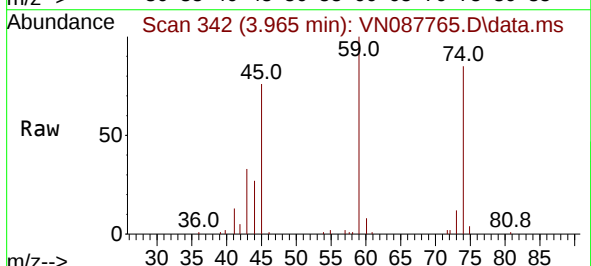
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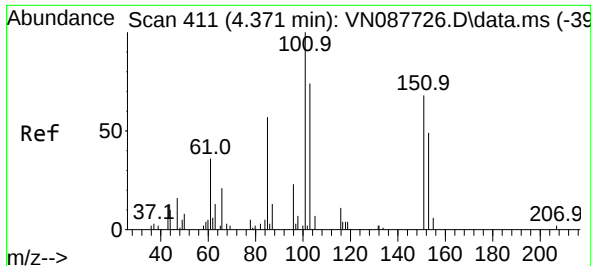
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025



#8
 Diethyl Ether
 Concen: 19.786 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59

Tgt Ion: 74 Resp: 44488
 Ion Ratio Lower Upper
 74 100
 45 92.8 20.4 183.8





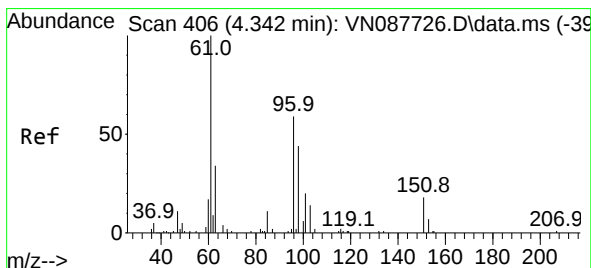
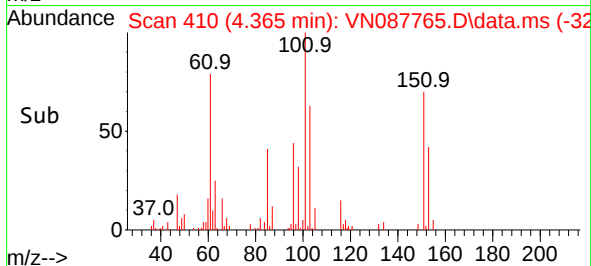
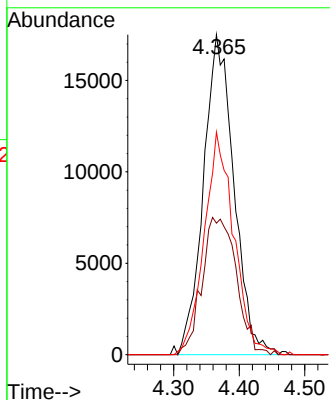
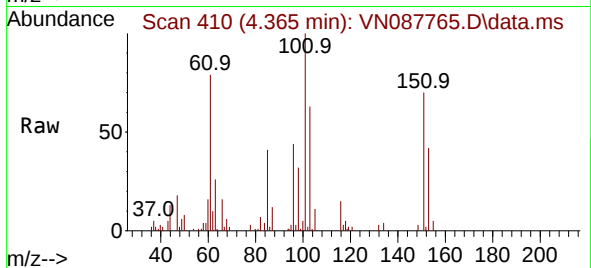
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.552 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:101 Resp: 56390
Ion Ratio Lower Upper
101 100
85 48.0 0.0 95.6
151 66.9 0.0 85.8

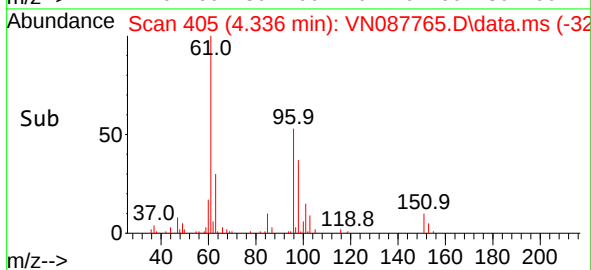
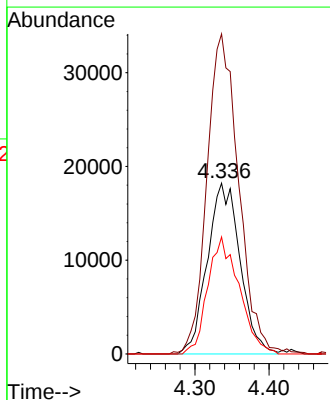
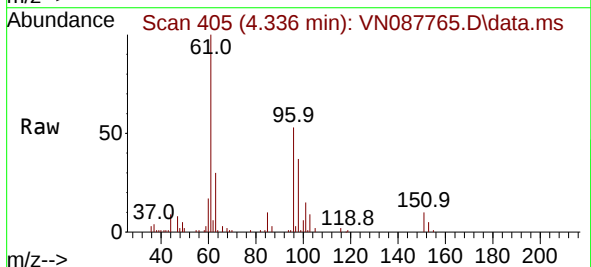
Manual Integrations
APPROVED

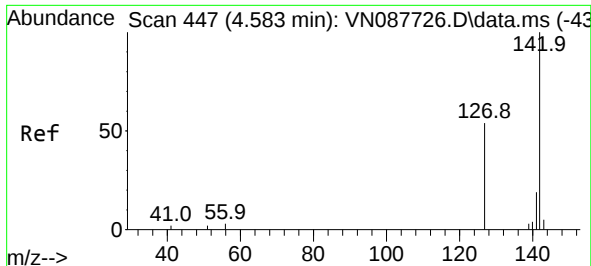
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#10
1,1-Dichloroethene
Concen: 18.784 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

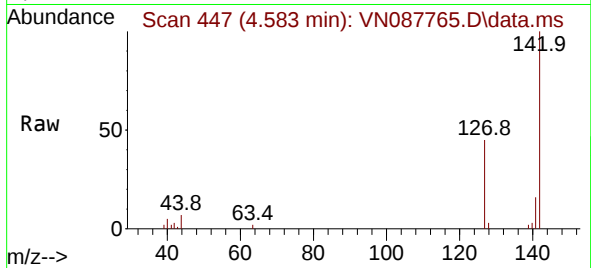
Tgt Ion: 96 Resp: 55852
Ion Ratio Lower Upper
96 100
61 186.5 135.9 203.9
98 68.5 59.2 88.8





#11
Methyl Iodide
Concen: 19.212 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

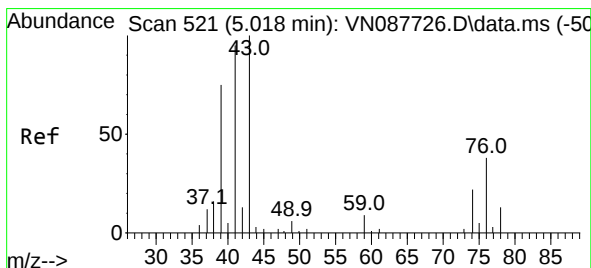
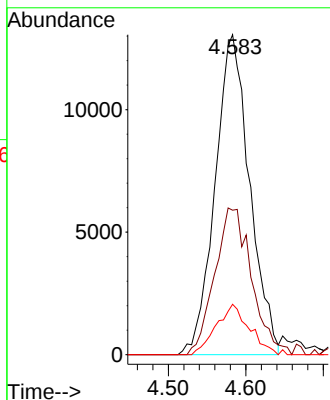
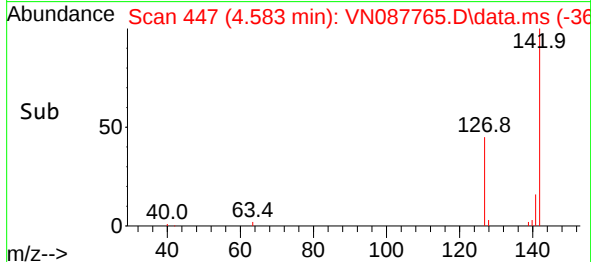
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



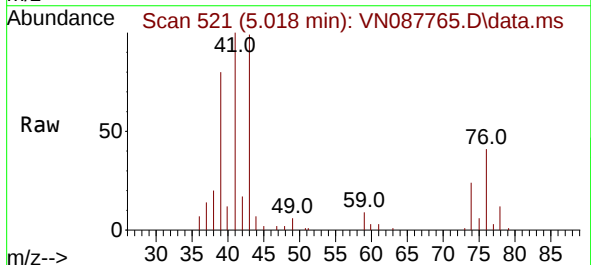
Tgt Ion:142 Resp: 40436
Ion Ratio Lower Upper
142 100
127 44.3 27.9 83.7
141 16.0 9.6 28.8

Manual Integrations
APPROVED

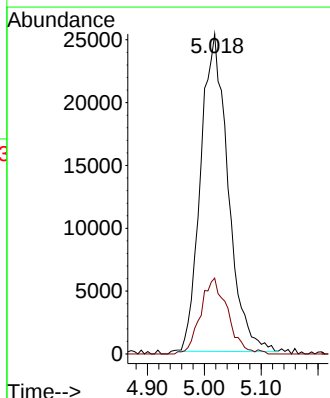
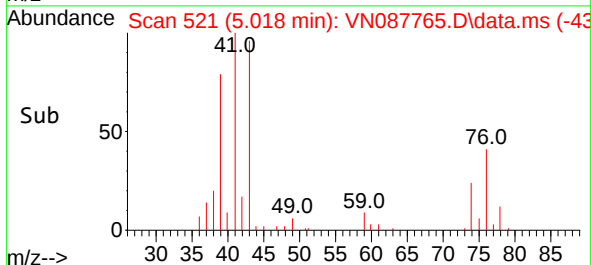
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

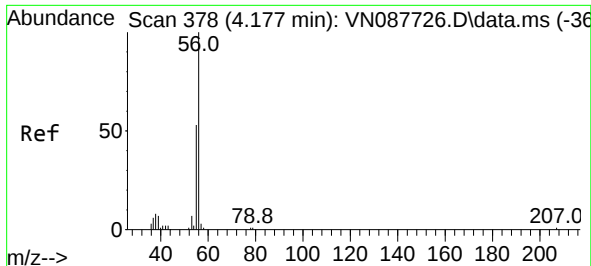


#12
Methyl Acetate
Concen: 18.519 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



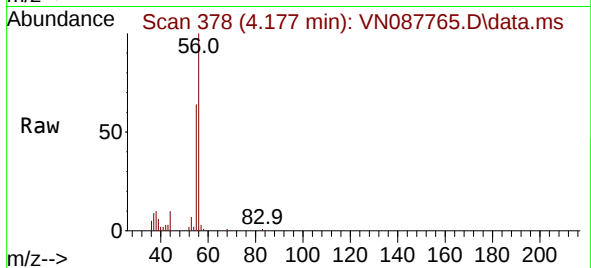
Tgt Ion: 43 Resp: 84881
Ion Ratio Lower Upper
43 100
74 23.6 17.5 26.3





#13
Acrolein
Concen: 82.340 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

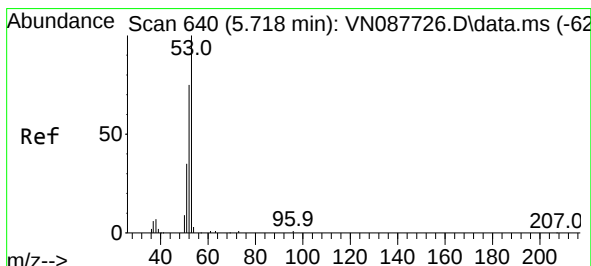
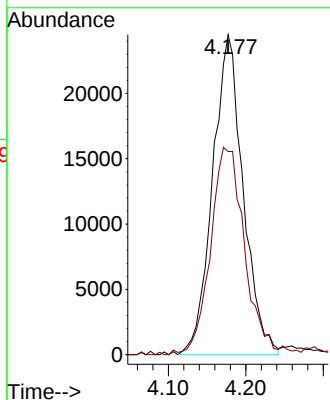
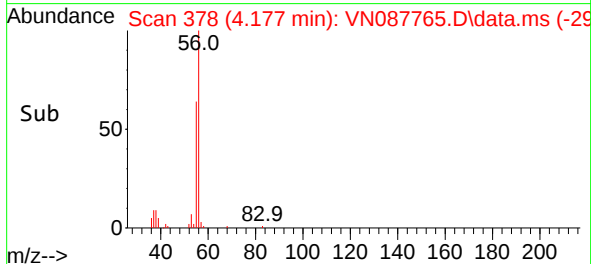
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 56 Resp: 6719
Ion Ratio Lower Upper
56 100
55 71.3 28.6 42.8

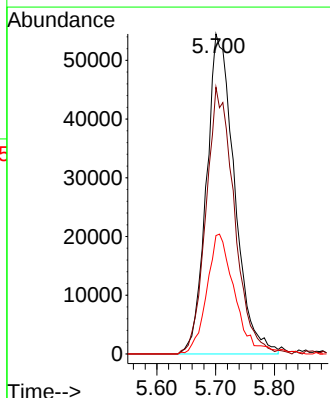
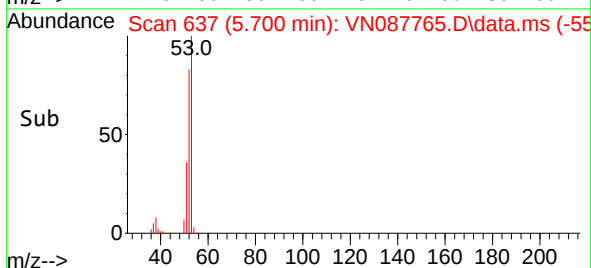
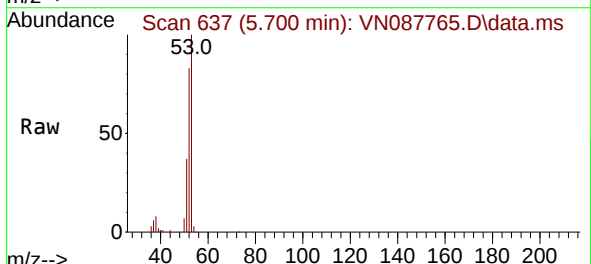
Manual Integrations
APPROVED

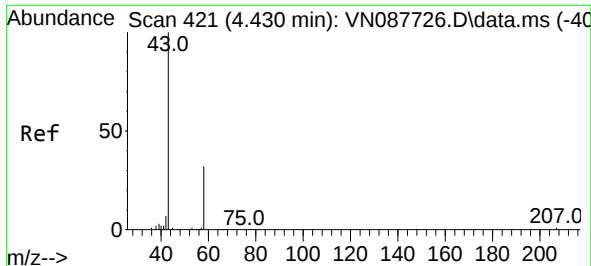
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#14
Acrylonitrile
Concen: 91.671 ug/l
RT: 5.700 min Scan# 637
Delta R.T. -0.018 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

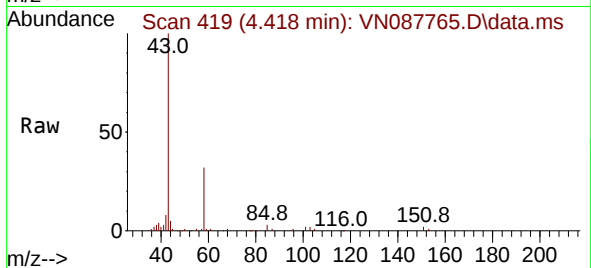
Tgt Ion: 53 Resp: 180858
Ion Ratio Lower Upper
53 100
52 83.7 40.9 122.7
51 36.1 18.1 54.1





#15
Acetone
Concen: 93.736 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

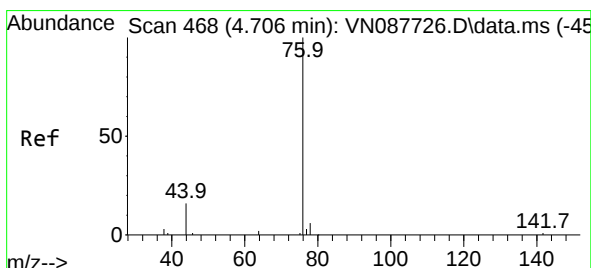
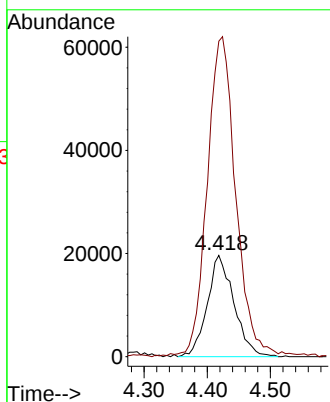
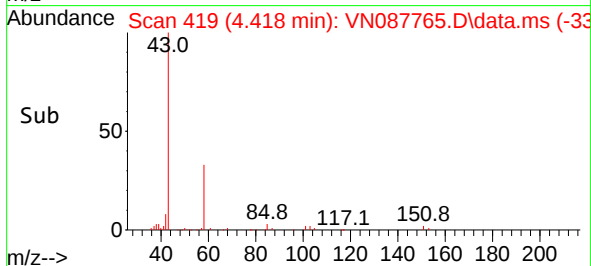
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



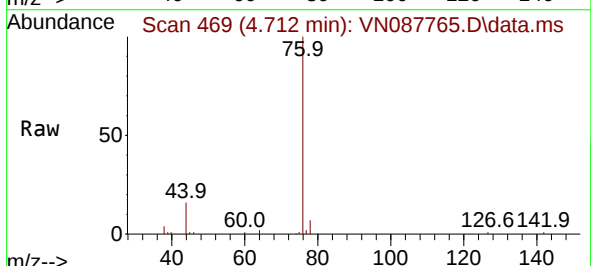
Tgt Ion: 58 Resp: 5769
Ion Ratio Lower Upper
58 100
43 308.7 250.6 376.0

Manual Integrations
APPROVED

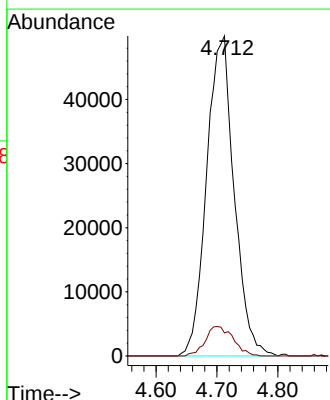
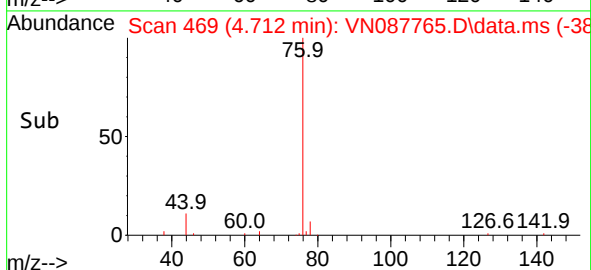
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

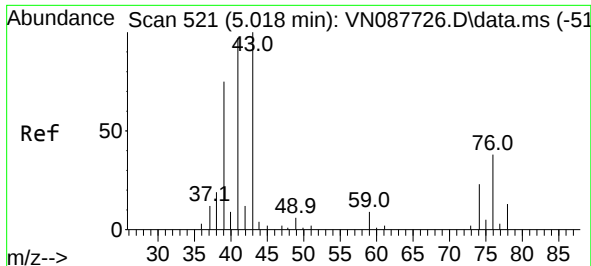


#16
Carbon Disulfide
Concen: 19.219 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



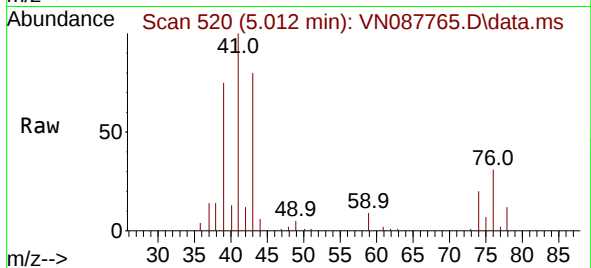
Tgt Ion: 76 Resp: 156901
Ion Ratio Lower Upper
76 100
78 7.2 5.0 7.6





#17
 Allyl chloride
 Concen: 18.306 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59

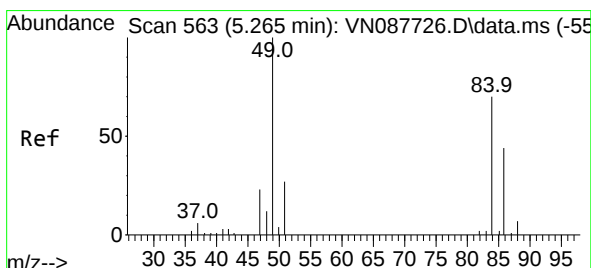
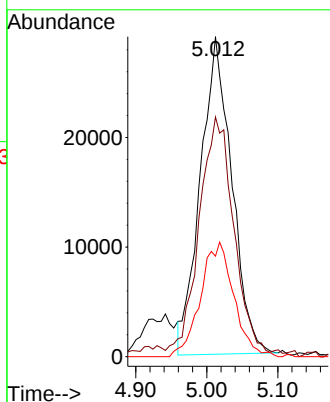
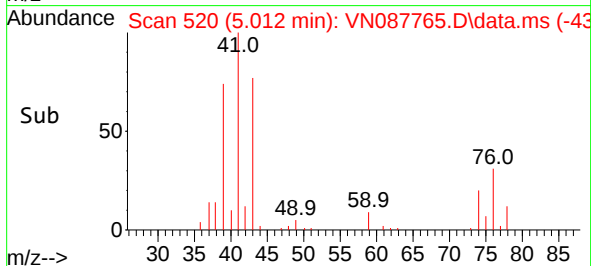
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01



Tgt Ion: 41 Resp: 88904
 Ion Ratio Lower Upper
 41 100
 39 73.6 36.7 110.1
 76 31.8 18.3 54.8

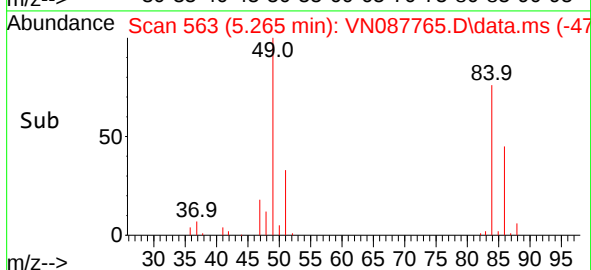
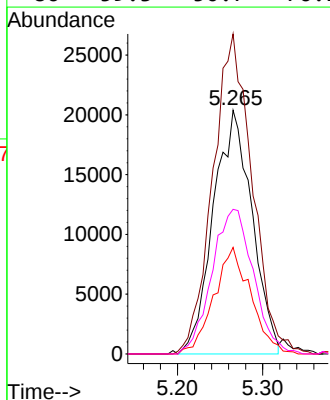
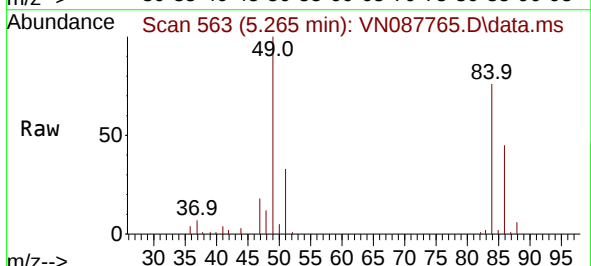
Manual Integrations
 APPROVED

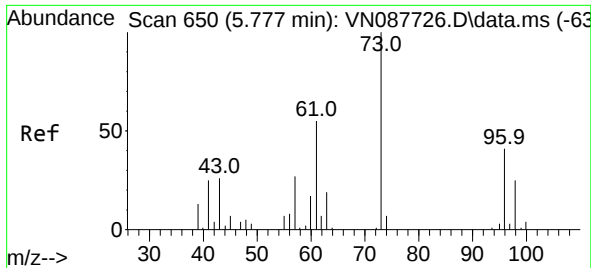
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025



#18
 Methylene Chloride
 Concen: 19.054 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59

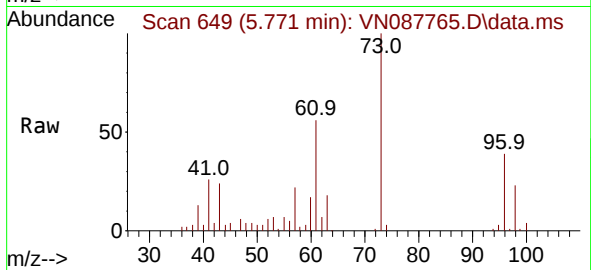
Tgt Ion: 84 Resp: 64179
 Ion Ratio Lower Upper
 84 100
 49 130.2 114.1 171.1
 51 43.8 30.2 45.4
 86 59.3 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 19.152 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

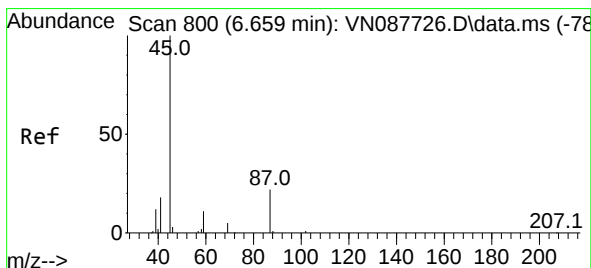
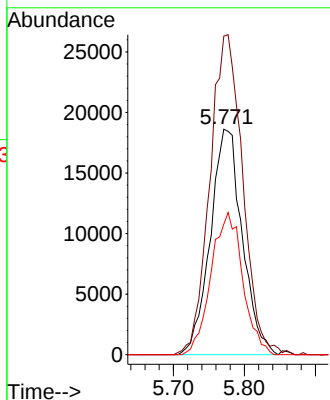
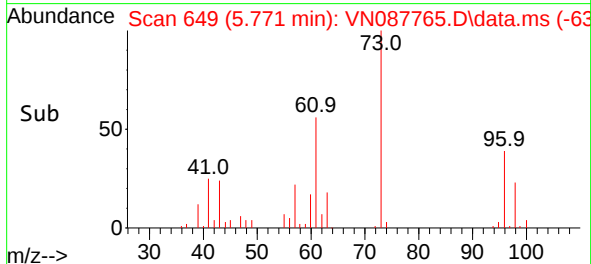
Instrument : MSVOA_N
ClientSampleId : VN0909WBS01



Tgt Ion: 96 Resp: 58078
Ion Ratio Lower Upper
96 100
61 140.3 106.4 159.6
98 57.9 48.9 73.3

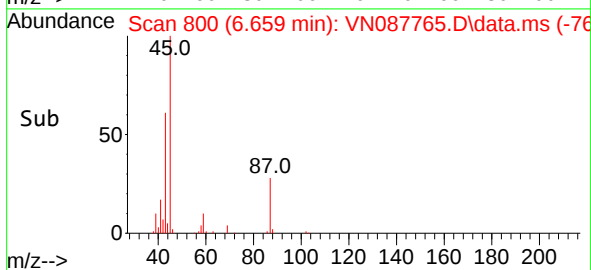
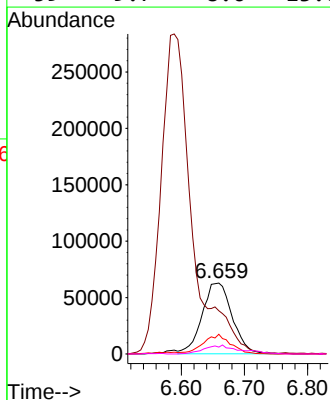
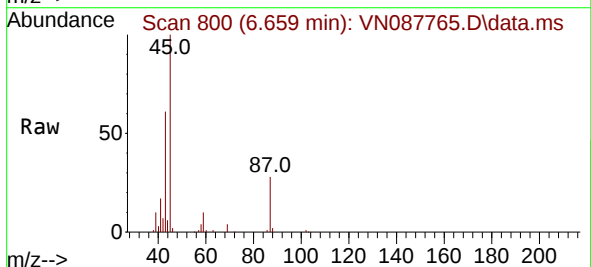
Manual Integrations
APPROVED

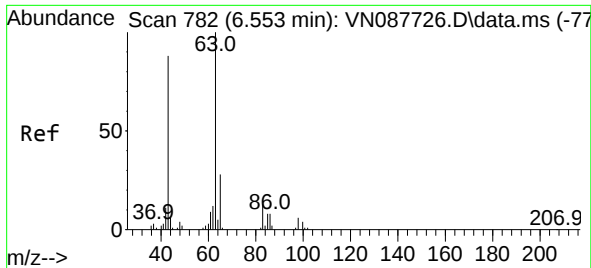
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#20
Diisopropyl ether
Concen: 18.510 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

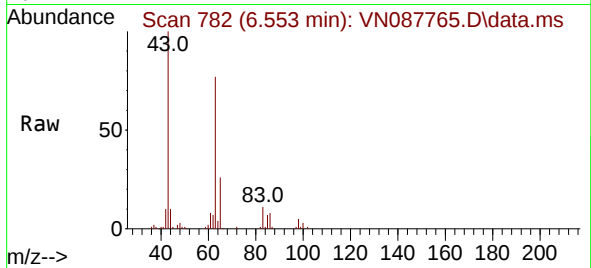
Tgt Ion: 45 Resp: 206727
Ion Ratio Lower Upper
45 100
43 60.1 49.5 74.3
87 27.8 18.8 28.2
59 9.7 8.6 13.0





#21
1,1-Dichloroethane
Concen: 18.879 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

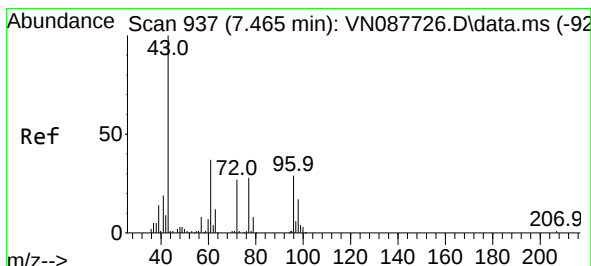
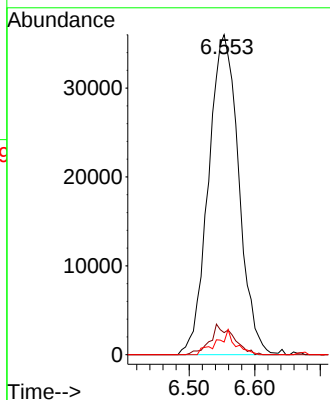
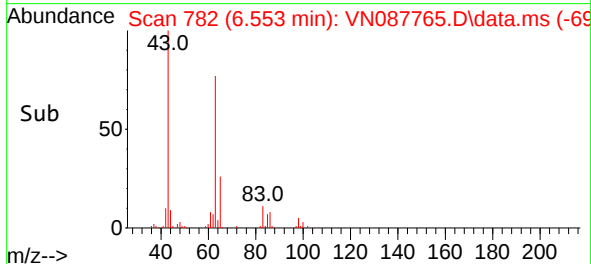
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



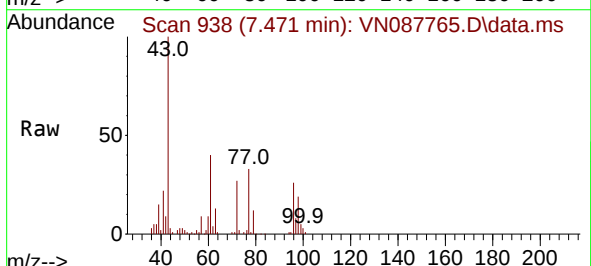
Tgt Ion: 63 Resp: 115462
Ion Ratio Lower Upper
63 100
98 6.9 2.9 8.8
100 4.0 1.8 5.3

Manual Integrations
APPROVED

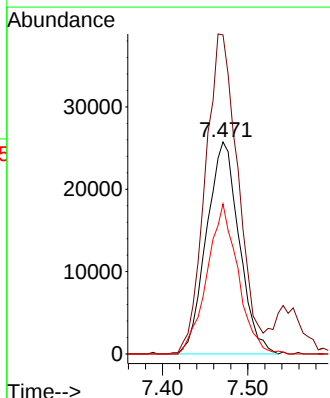
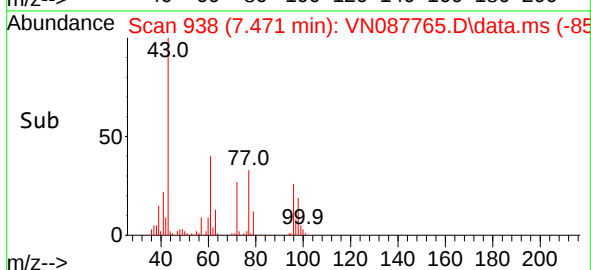
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

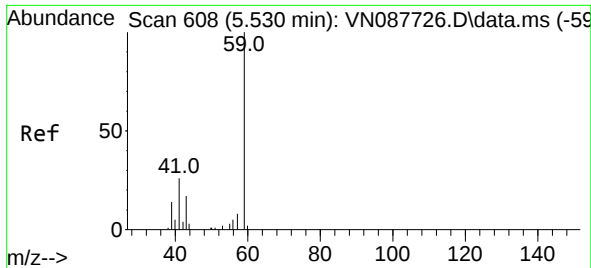


#22
cis-1,2-Dichloroethene
Concen: 18.644 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



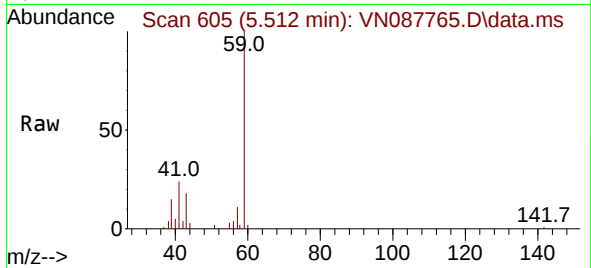
Tgt Ion: 96 Resp: 68625
Ion Ratio Lower Upper
96 100
61 149.9 118.2 177.2
98 66.7 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 84.938 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

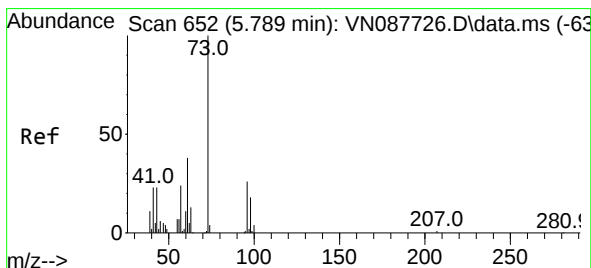
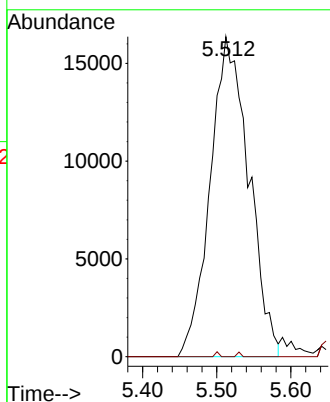
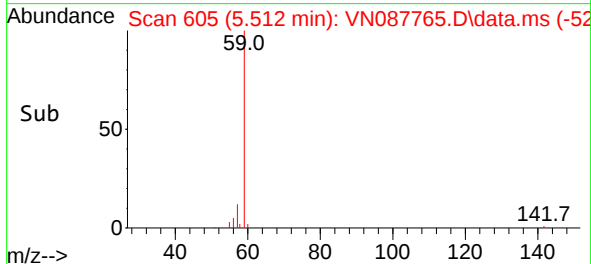
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



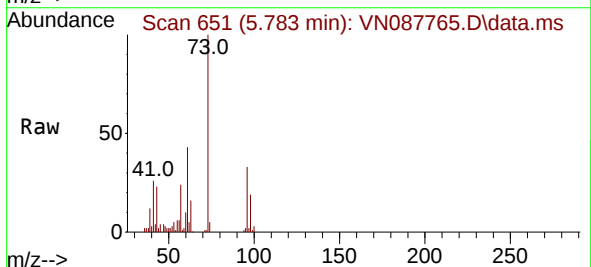
Tgt Ion: 59 Resp: 5923
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

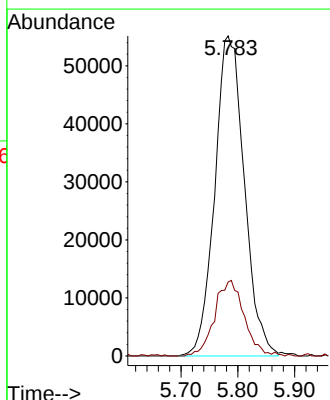
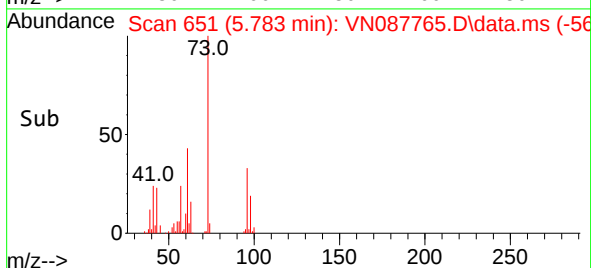
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

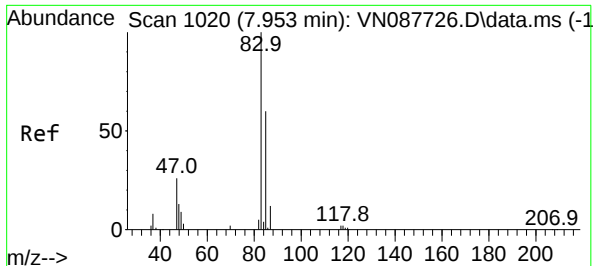


#24
Methyl tert-Butyl Ether
Concen: 18.750 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



Tgt Ion: 73 Resp: 199042
Ion Ratio Lower Upper
73 100
43 0.2 16.8 25.2#





#25

Chloroform

Concen: 18.987 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 83 Resp: 12155

Ion Ratio Lower Upper

83 100

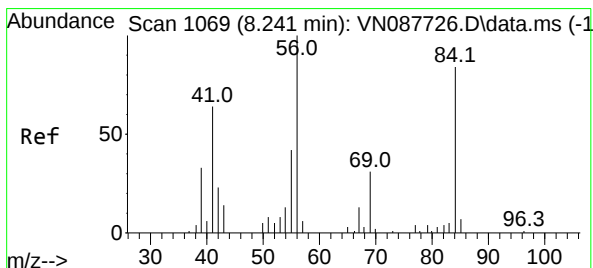
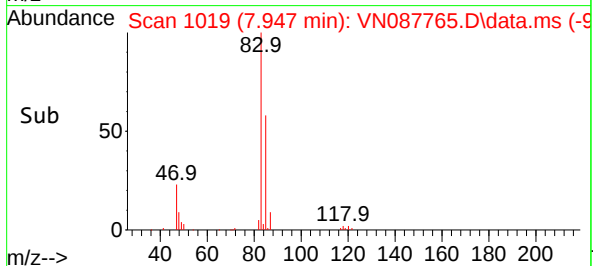
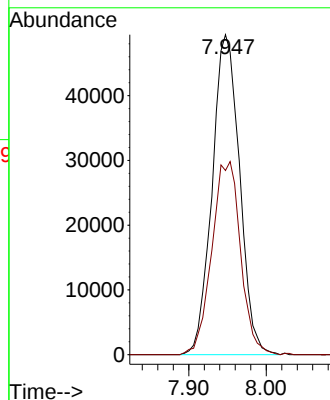
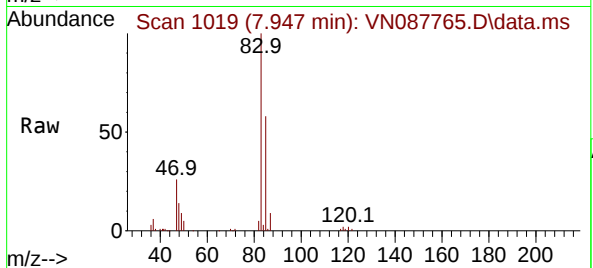
85 57.5 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#26

Cyclohexane

Concen: 18.233 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

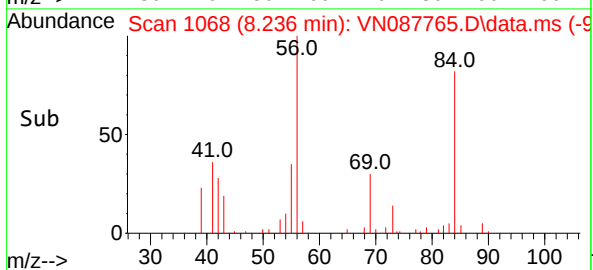
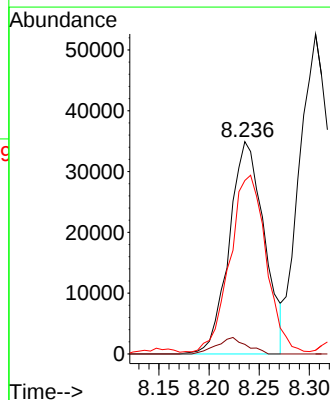
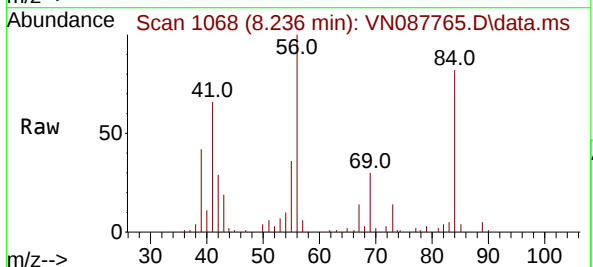
Tgt Ion: 56 Resp: 84922

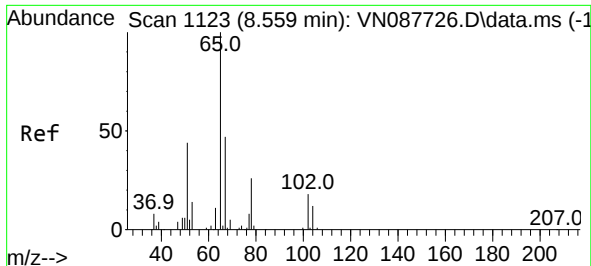
Ion Ratio Lower Upper

56 100

89 6.6 0.0 0.0#

84 88.1 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 30.540 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 65 Resp: 128494

Ion Ratio Lower Upper

65 100

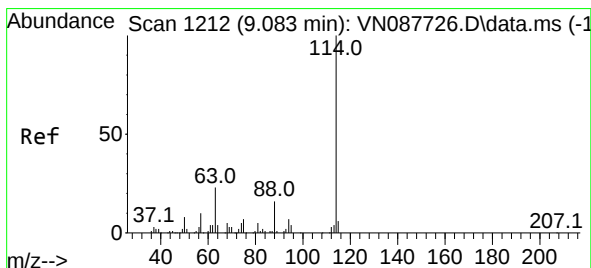
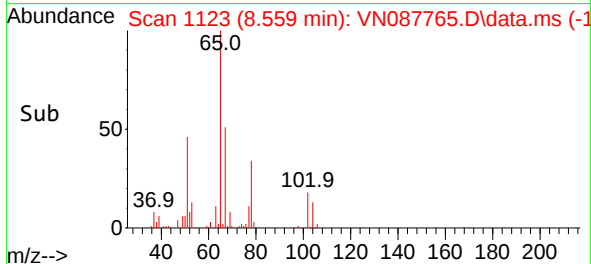
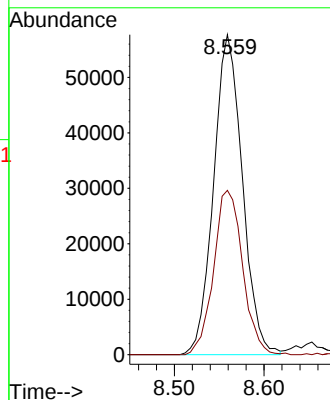
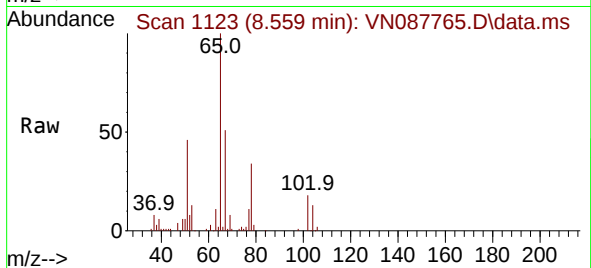
67 51.7 39.6 59.4

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: VN087765.D

Acq: 09 Sep 2025 09:59

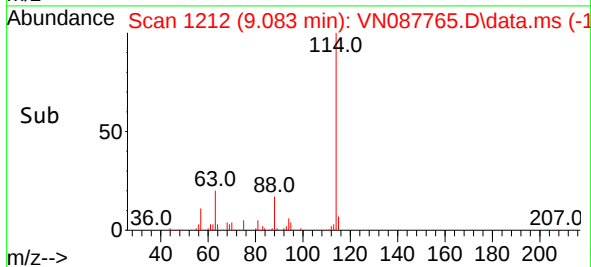
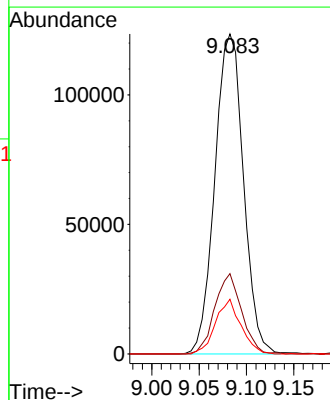
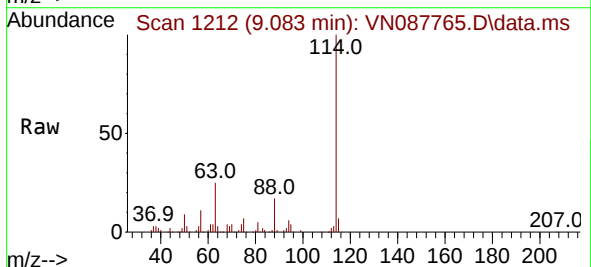
Tgt Ion:114 Resp: 259436

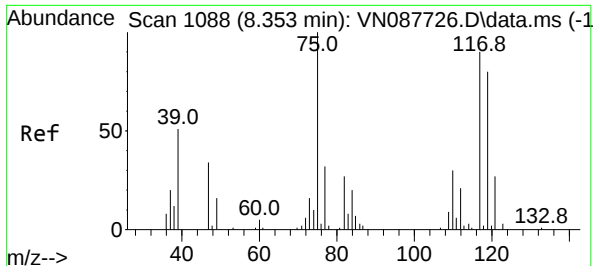
Ion Ratio Lower Upper

114 100

63 23.5 18.3 27.5

88 15.2 12.4 18.6





#29

1,1-Dichloropropene

Concen: 18.259 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

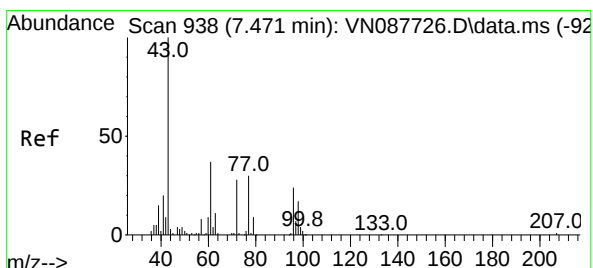
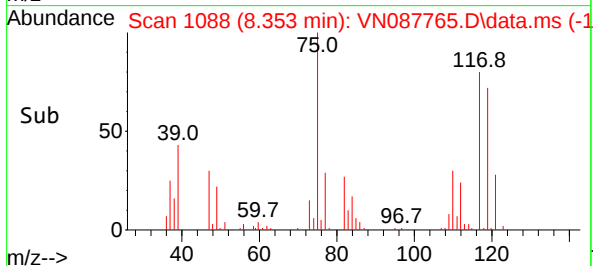
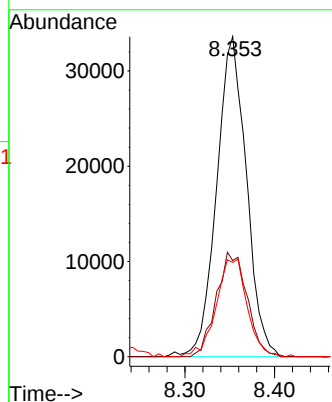
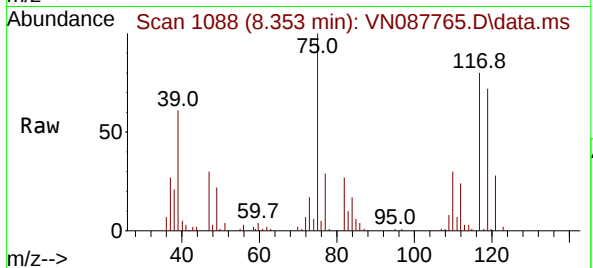
VN0909WBS01

Tgt Ion: 75	Resp: 76984
Ion Ratio	Lower Upper
75 100	
110 33.8	0.0 64.4
77 31.9	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: 88.012 ug/l

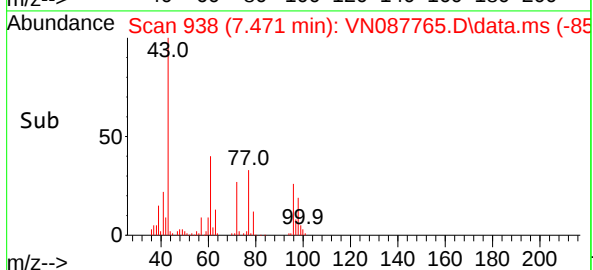
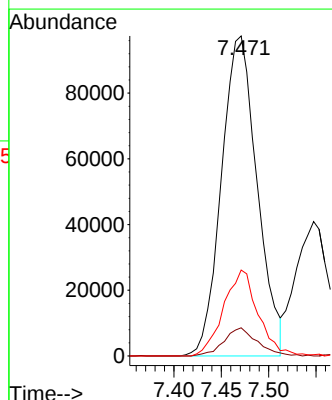
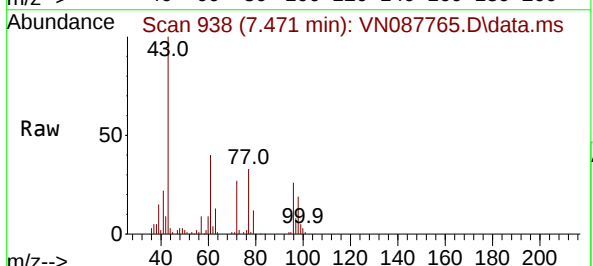
RT: 7.471 min Scan# 938

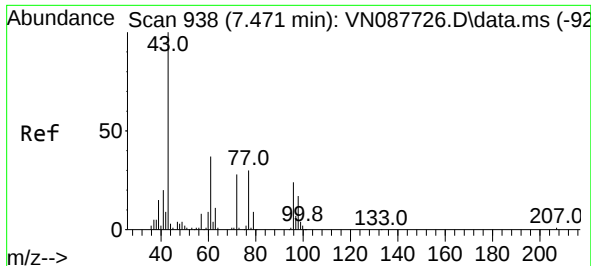
Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Tgt Ion: 43	Resp: 255631
Ion Ratio	Lower Upper
43 100	
57 8.2	6.3 9.5
72 25.3	21.4 32.2





#31

2,2-Dichloropropane

Concen: 19.045 ug/l

RT: 7.465 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 77 Resp: 96798

Ion Ratio Lower Upper

77 100

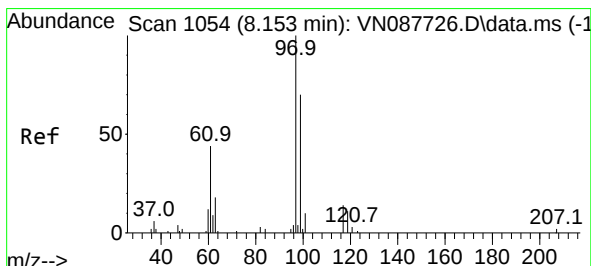
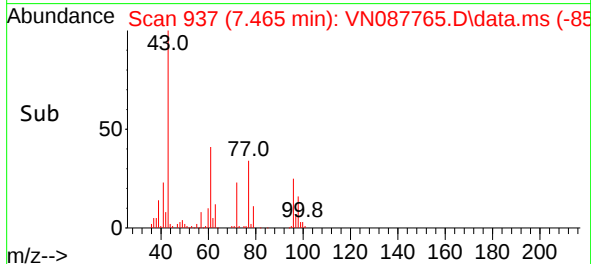
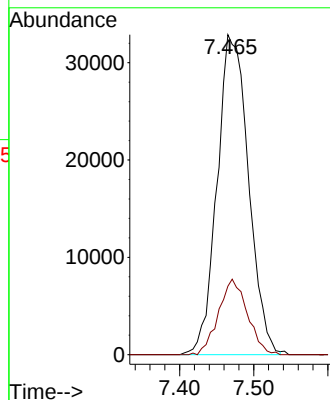
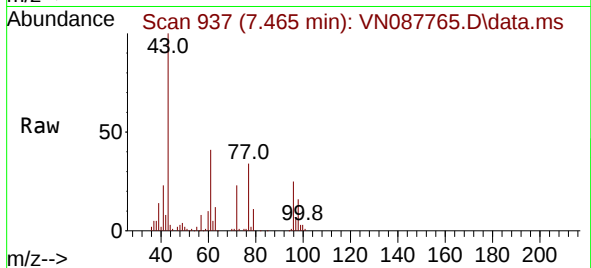
97 21.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#32

1,1,1-Trichloroethane

Concen: 18.946 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

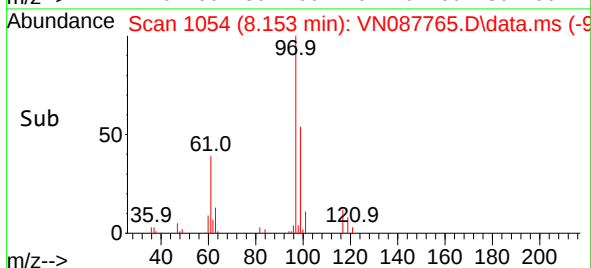
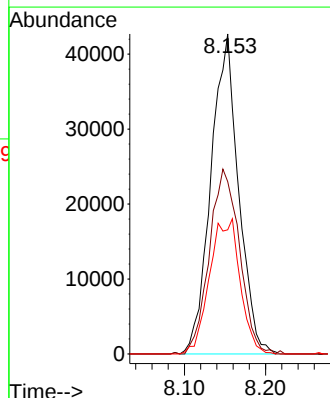
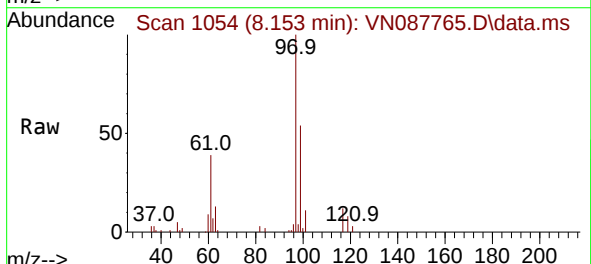
Tgt Ion: 97 Resp: 101274

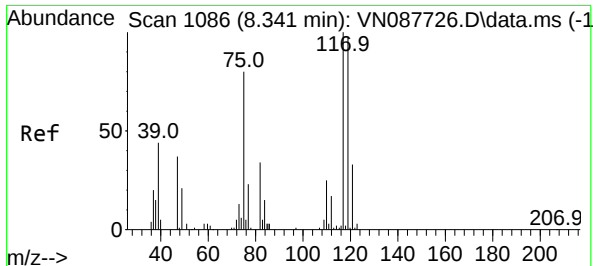
Ion Ratio Lower Upper

97 100

99 62.5 52.2 78.4

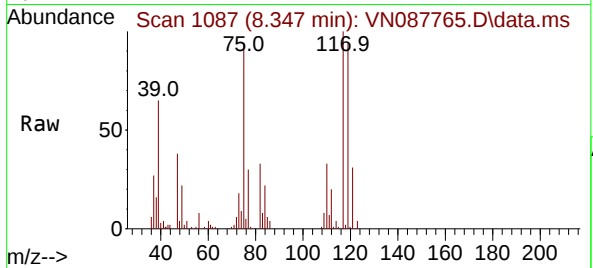
61 23.9 37.9 56.9#





#33
Carbon Tetrachloride
Concen: 18.743 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

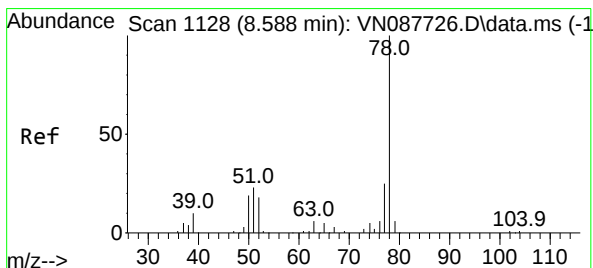
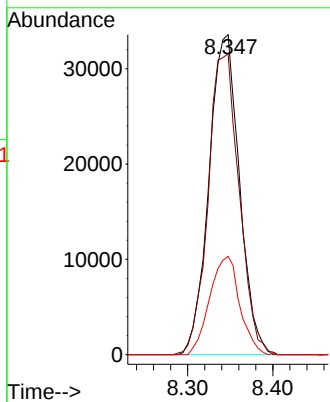
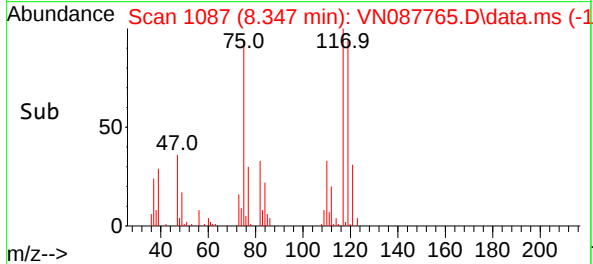
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 117 Resp: 83539
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9
121 30.7 26.6 39.8

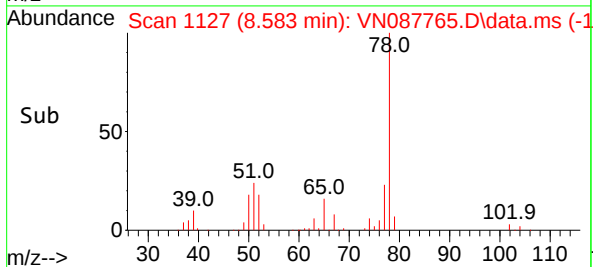
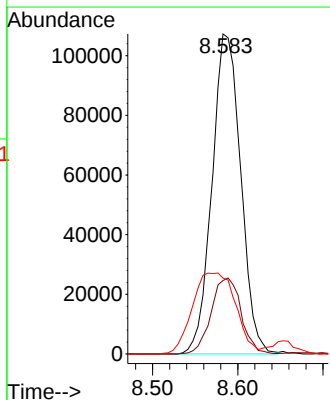
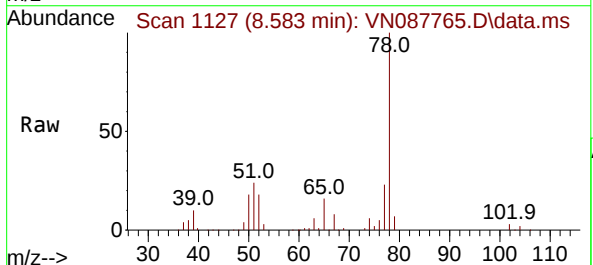
Manual Integrations
APPROVED

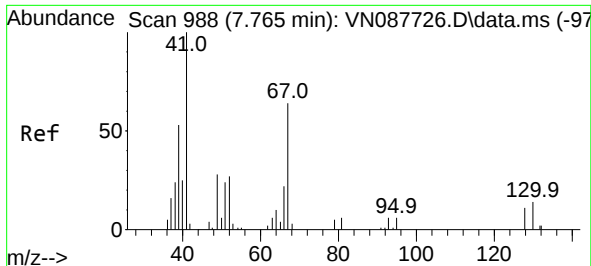
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#34
Benzene
Concen: 18.434 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Tgt Ion: 78 Resp: 251203
Ion Ratio Lower Upper
78 100
77 23.0 20.3 30.5
51 20.7 18.0 27.0





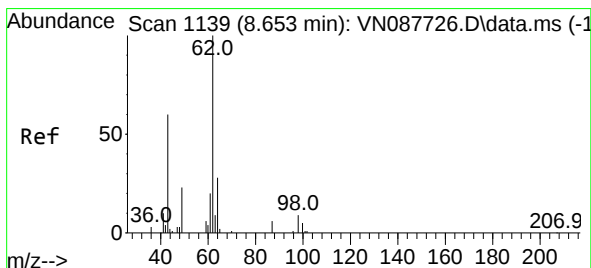
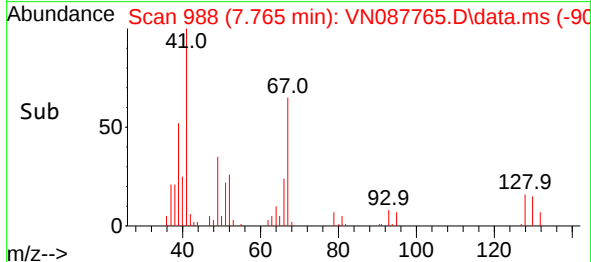
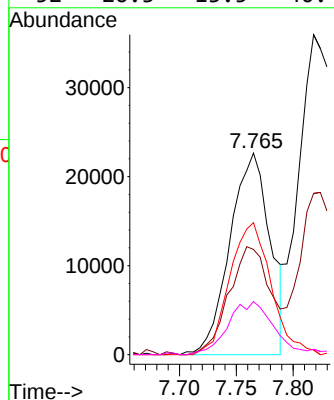
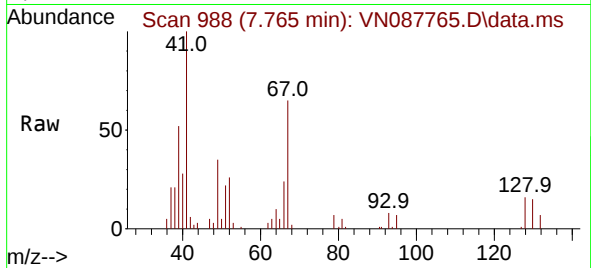
#35
Methacrylonitrile
Concen: 18.326 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:	41	Resp:	5567
Ion Ratio	Lower	Upper	
41	100		
39	52.2	27.1	81.2
67	65.5	32.1	96.5
52	26.3	13.5	40.4

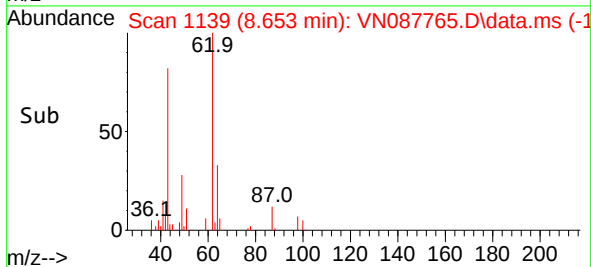
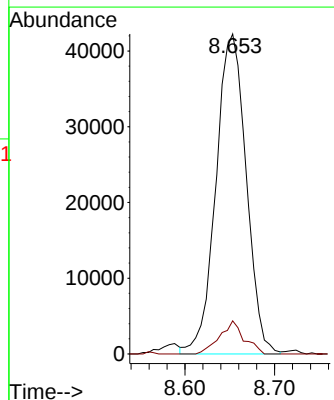
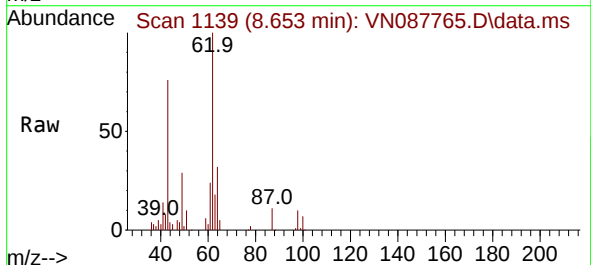
Manual Integrations
APPROVED

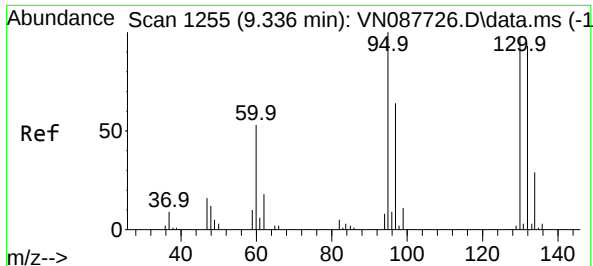
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#36
1,2-Dichloroethane
Concen: 19.239 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Tgt Ion:	62	Resp:	99026
Ion Ratio	Lower	Upper	
62	100		
98	7.6	7.2	10.8





#37

Trichloroethene

Concen: 18.022 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion:130 Resp: 54890

Ion Ratio Lower Upper

130 100

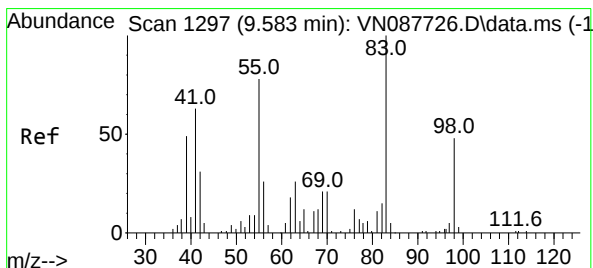
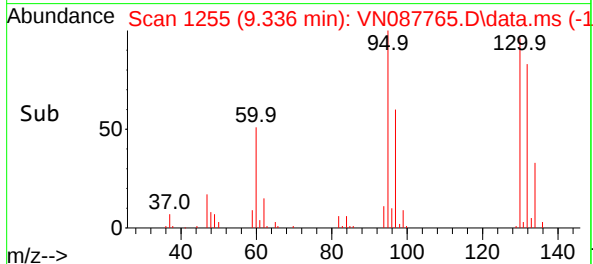
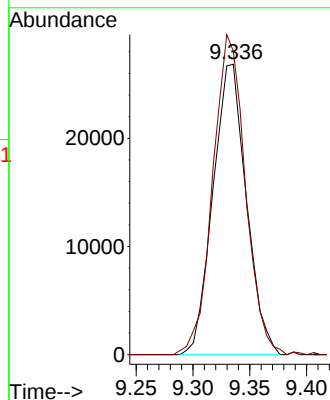
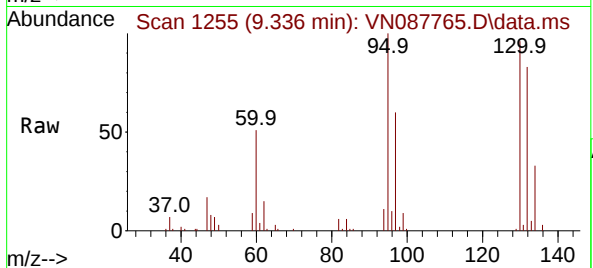
95 103.2 82.7 124.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#38

Methylcyclohexane

Concen: 18.599 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

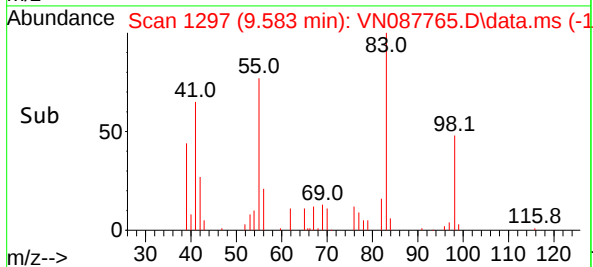
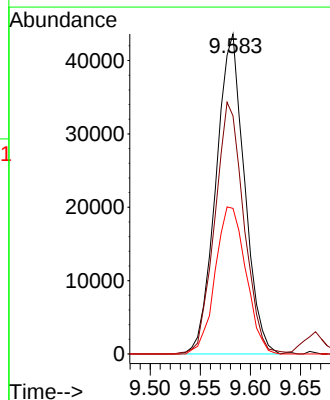
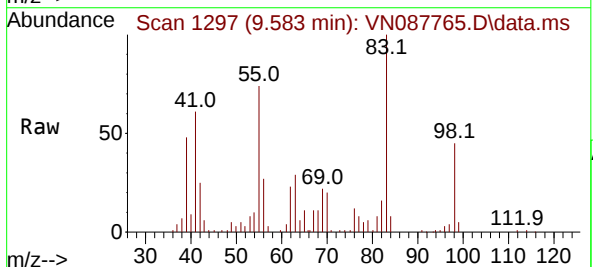
Tgt Ion: 83 Resp: 86347

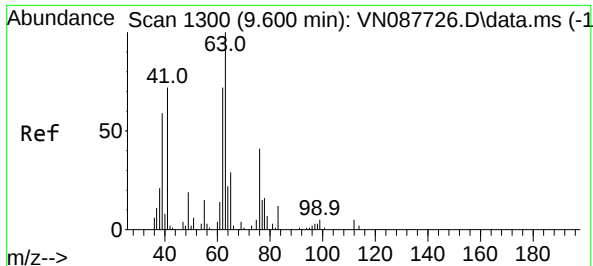
Ion Ratio Lower Upper

83 100

55 80.0 40.4 121.1

98 49.3 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.879 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 63 Resp: 6588

Ion Ratio Lower Upper

63 100

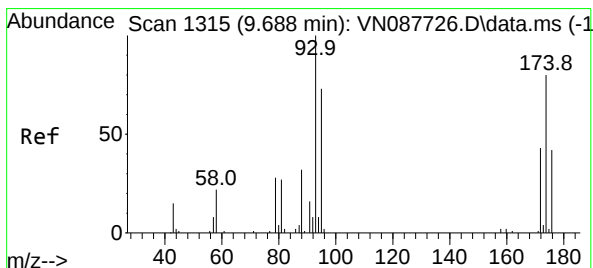
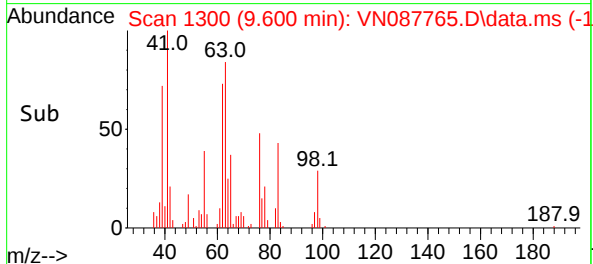
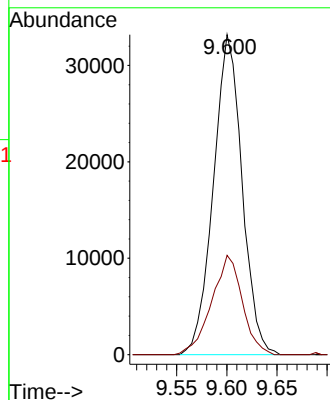
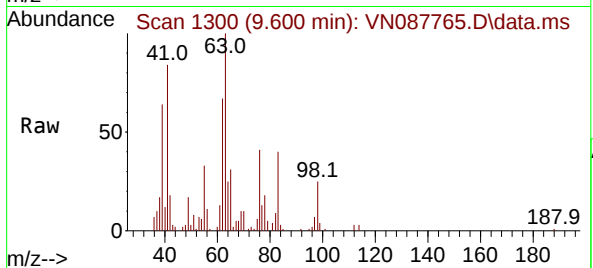
65 31.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#40

Dibromomethane

Concen: 18.496 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

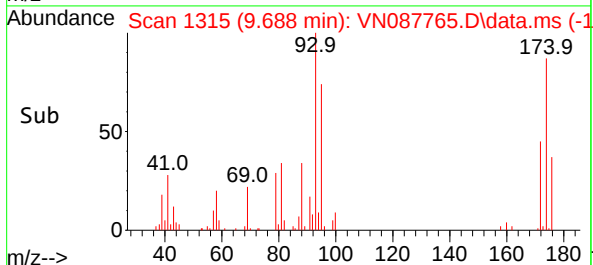
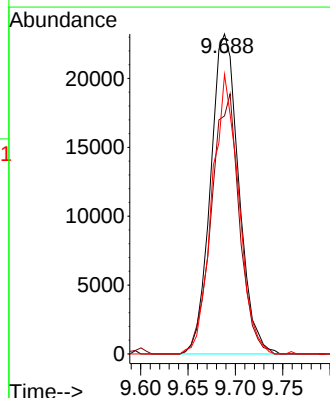
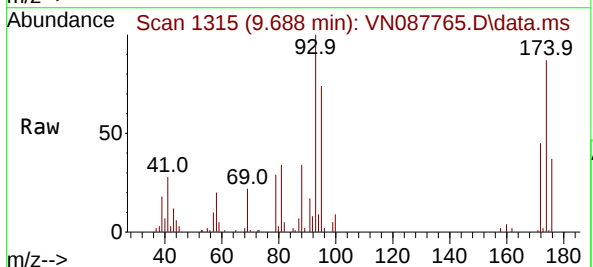
Tgt Ion: 93 Resp: 48040

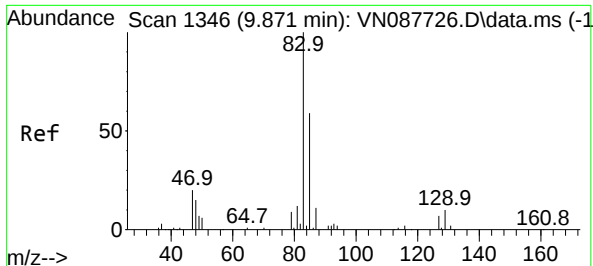
Ion Ratio Lower Upper

93 100

95 80.5 0.0 168.4

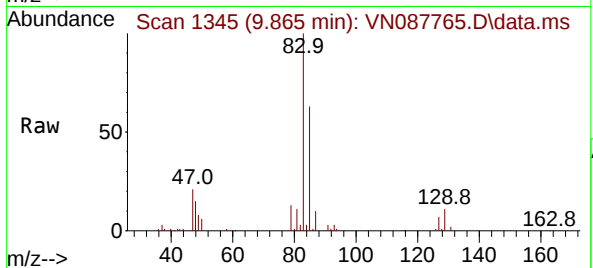
174 82.7 0.0 162.8





#41
Bromodichloromethane
Concen: 18.667 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

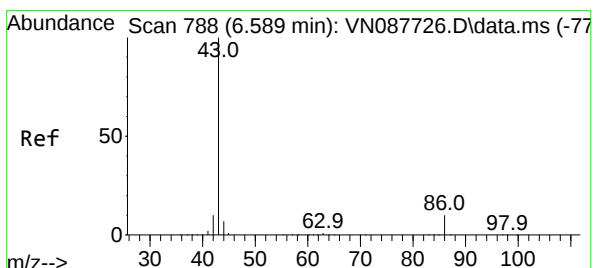
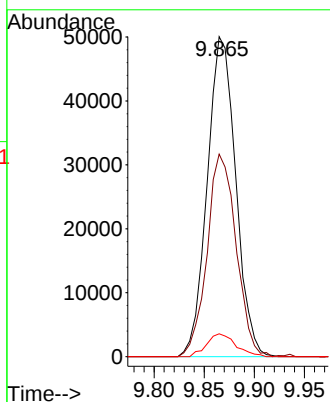
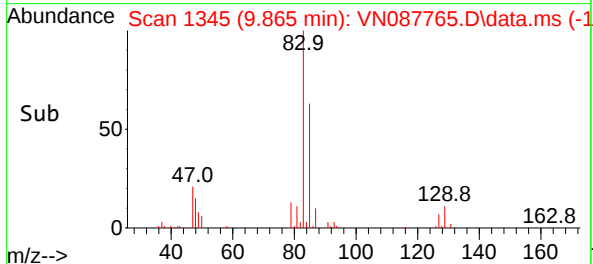
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 83 Resp: 9909
Ion Ratio Lower Upper
83 100
85 63.3 47.3 70.9
127 7.1 5.2 7.8

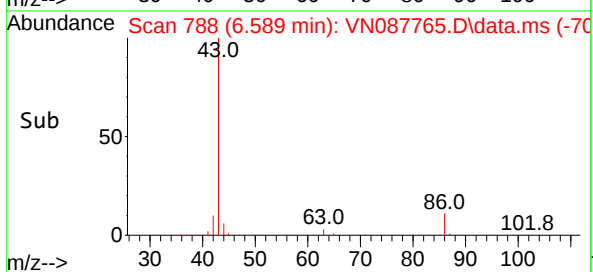
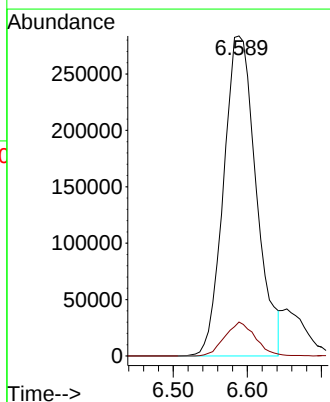
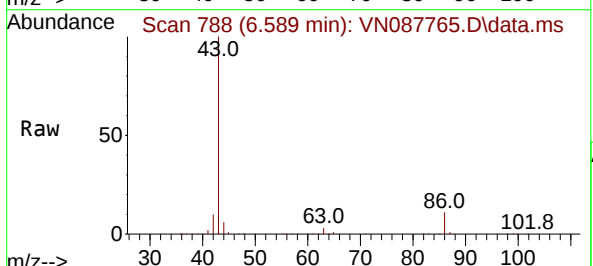
Manual Integrations
APPROVED

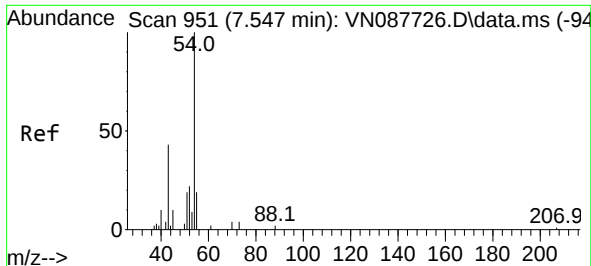
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#42
Vinyl Acetate
Concen: 89.407 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

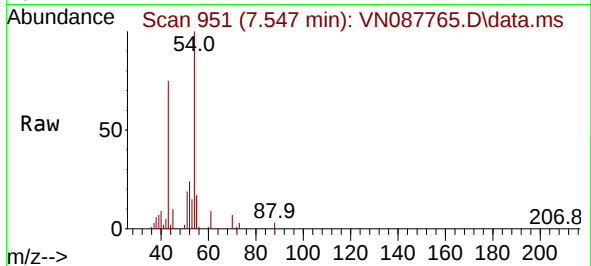
Tgt Ion: 43 Resp: 867645
Ion Ratio Lower Upper
43 100
86 9.9 7.7 11.5





#43
Ethyl Acetate
Concen: 18.171 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

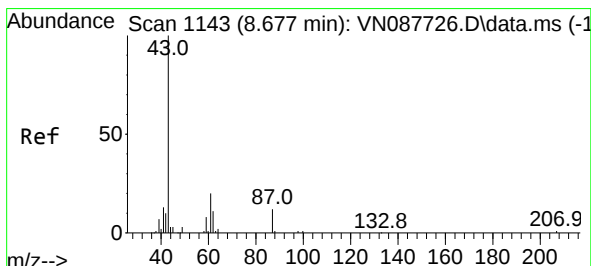
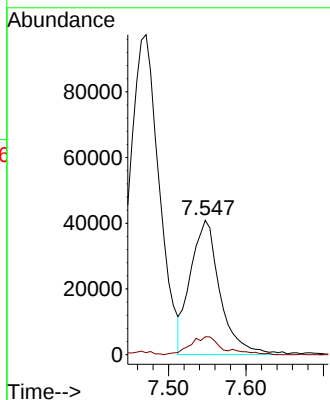
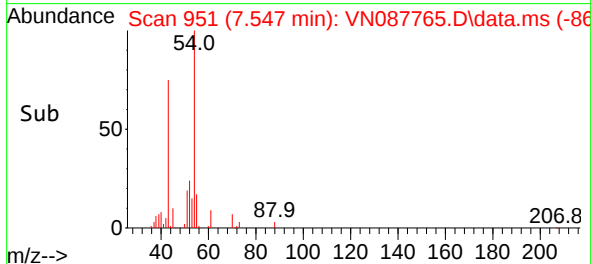
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



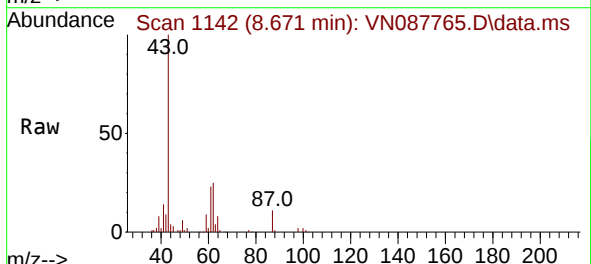
Tgt Ion: 43 Resp: 107829
Ion Ratio Lower Upper
43 100
45 12.5 10.5 15.7

Manual Integrations
APPROVED

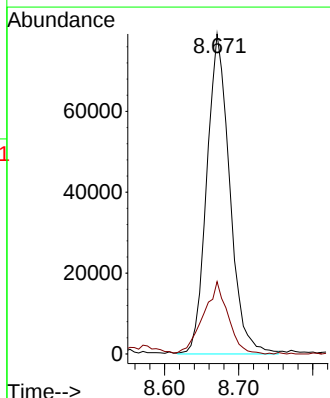
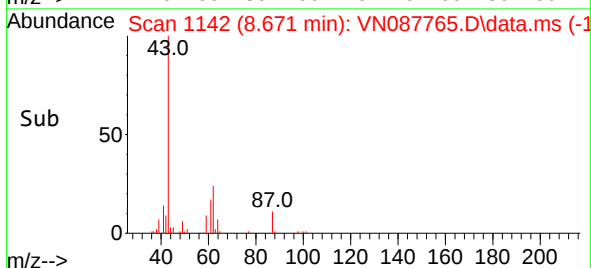
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

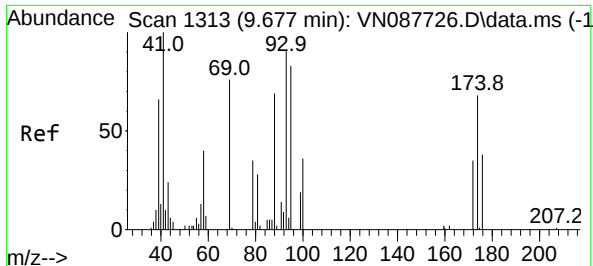


#44
Isopropyl Acetate
Concen: 18.280 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



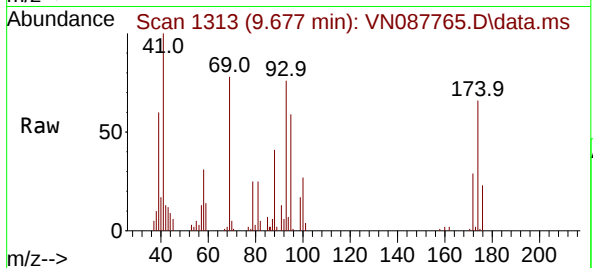
Tgt Ion: 43 Resp: 170053
Ion Ratio Lower Upper
43 100
61 24.3 19.5 29.3





#45
1,4-Dioxane
Concen: 335.571 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

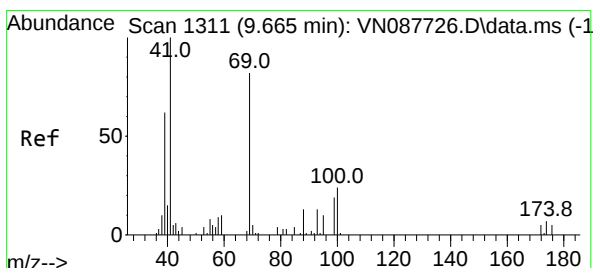
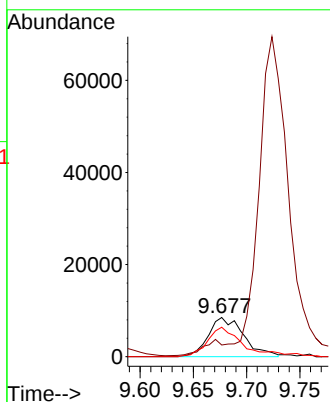
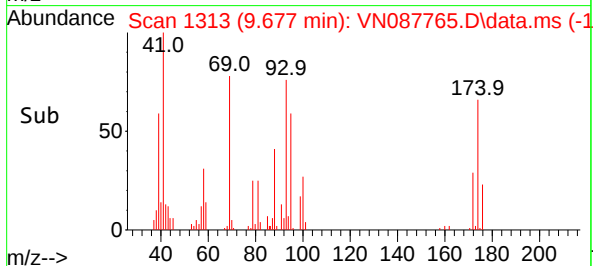
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 88 Resp: 1968
Ion Ratio Lower Upper
88 100
43 21.3 23.6 35.4
58 68.3 60.5 90.7

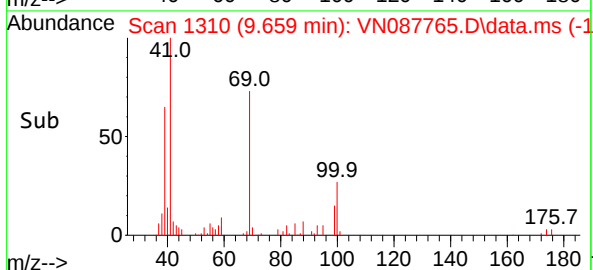
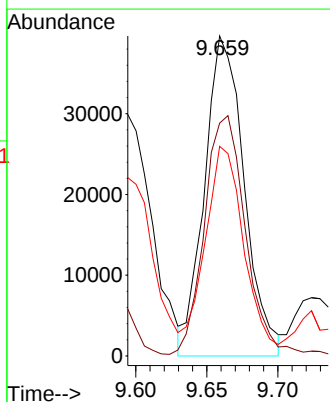
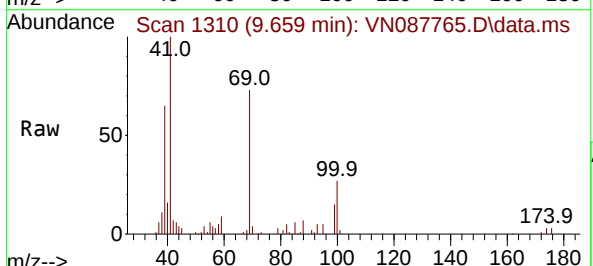
Manual Integrations
APPROVED

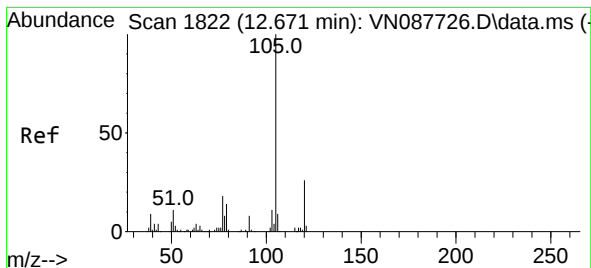
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#46
Methyl methacrylate
Concen: 17.960 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Tgt Ion: 41 Resp: 77012
Ion Ratio Lower Upper
41 100
69 75.9 40.3 120.9
39 66.3 31.9 95.9





#47

n-amyl acetate

Concen: 16.723 ug/l m

RT: 12.541 min Scan# 1822

Delta R.T. -0.129 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 43 Resp: 10513

Ion Ratio Lower Upper

43 100

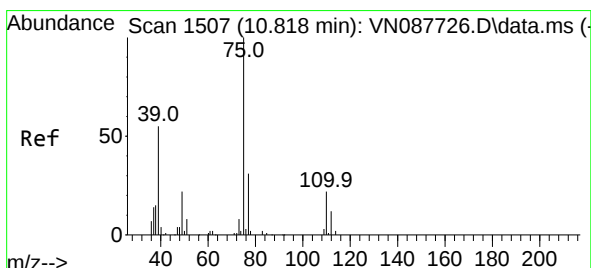
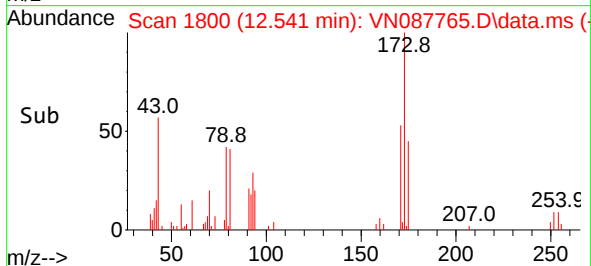
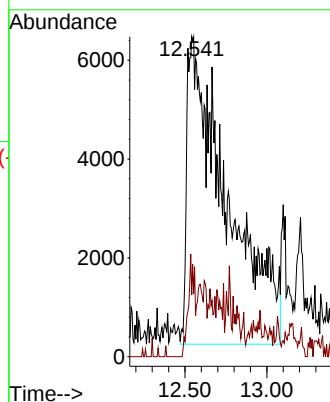
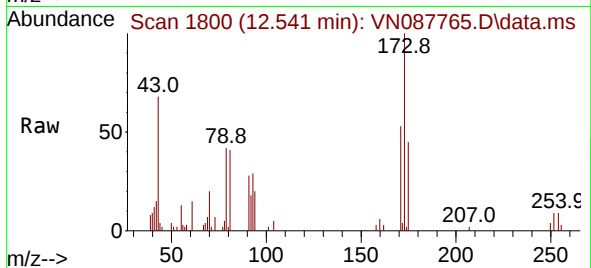
55 0.8 0.7 1.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#48

t-1,3-Dichloropropene

Concen: 18.281 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN087765.D

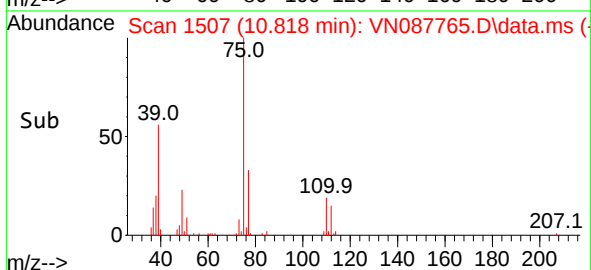
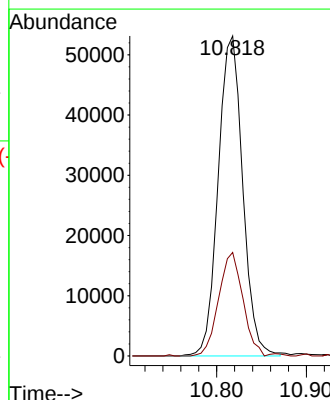
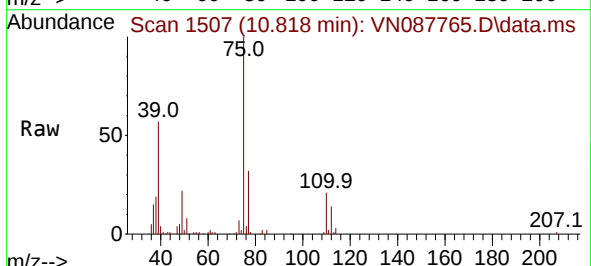
Acq: 09 Sep 2025 09:59

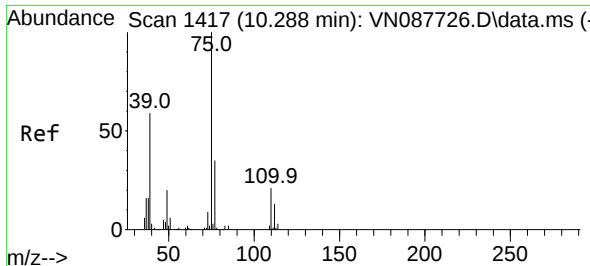
Tgt Ion: 75 Resp: 100794

Ion Ratio Lower Upper

75 100

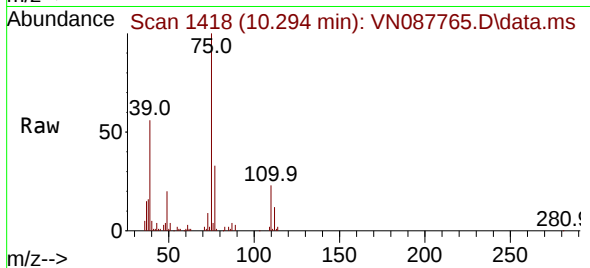
77 32.4 24.7 37.1





#49
cis-1,3-Dichloropropene
Concen: 18.724 ug/l
RT: 10.294 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

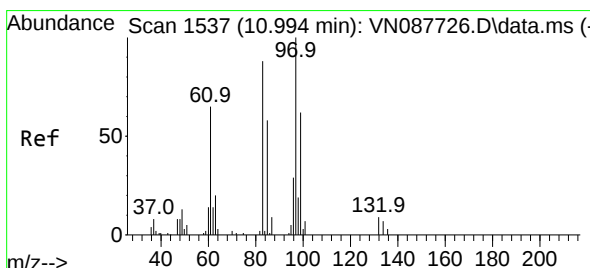
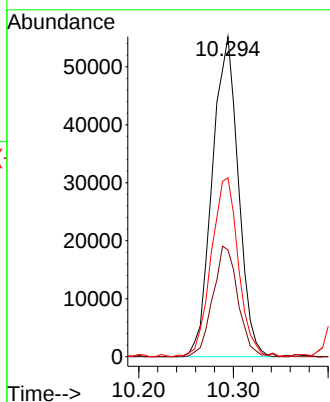
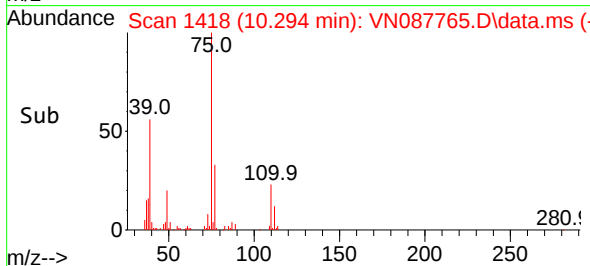
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 75 Resp: 10574
Ion Ratio Lower Upper
75 100
77 33.4 27.8 41.6
39 55.6 47.6 71.4

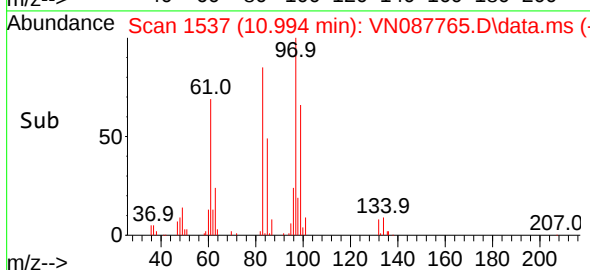
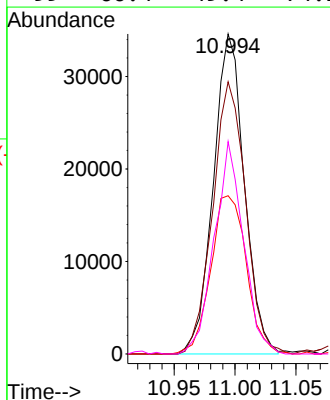
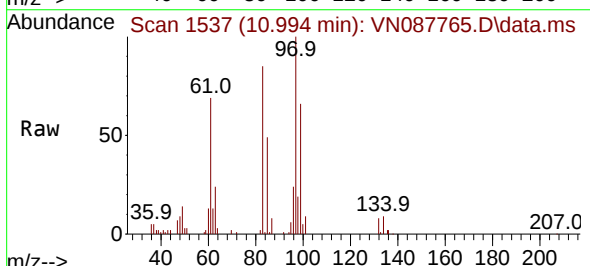
Manual Integrations
APPROVED

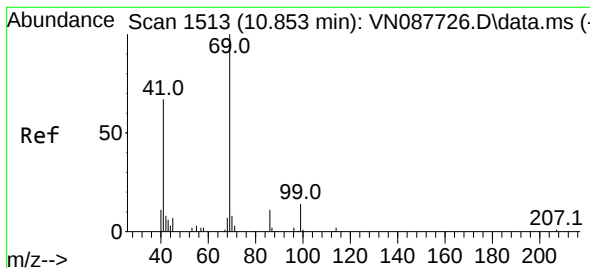
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#50
1,1,2-Trichloroethane
Concen: 18.313 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

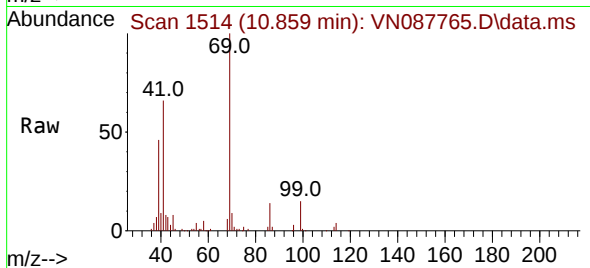
Tgt Ion: 97 Resp: 61434
Ion Ratio Lower Upper
97 100
83 85.1 70.5 105.7
85 49.0 46.3 69.5
99 66.4 49.4 74.2





#51
Ethyl methacrylate
Concen: 17.813 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

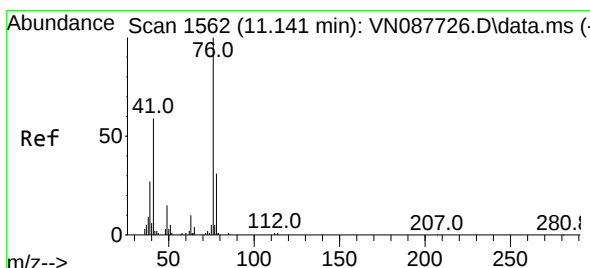
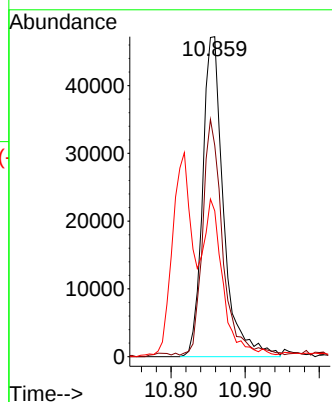
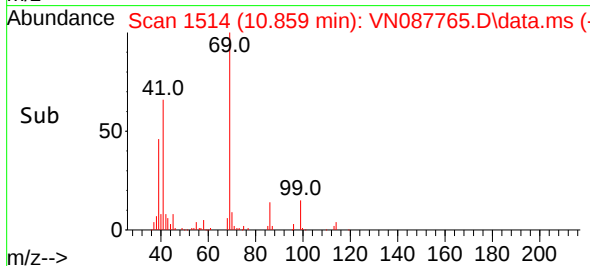
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 69 Resp: 92999
Ion Ratio Lower Upper
69 100
41 65.5 33.7 101.0
39 44.7 20.3 60.9

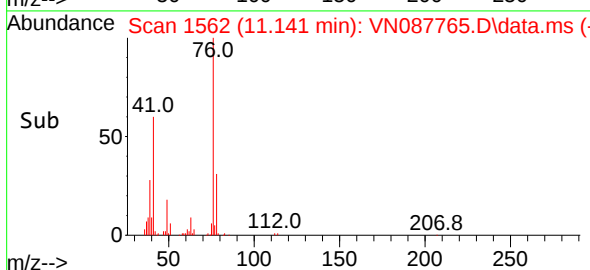
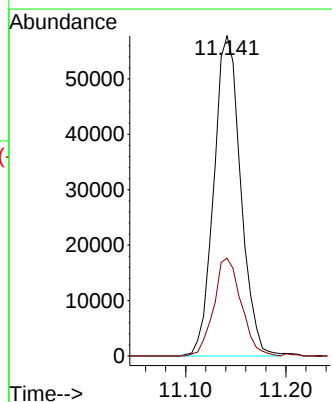
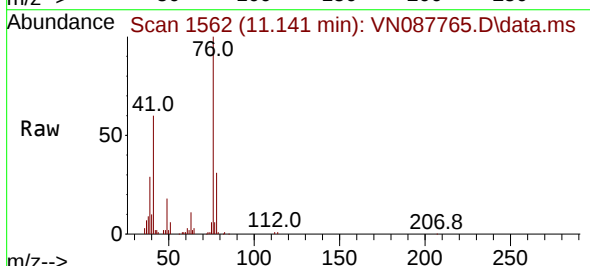
Manual Integrations
APPROVED

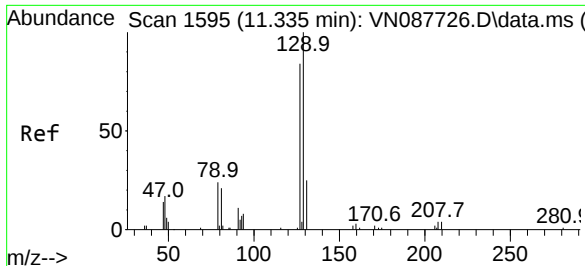
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#52
1,3-Dichloropropane
Concen: 18.454 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

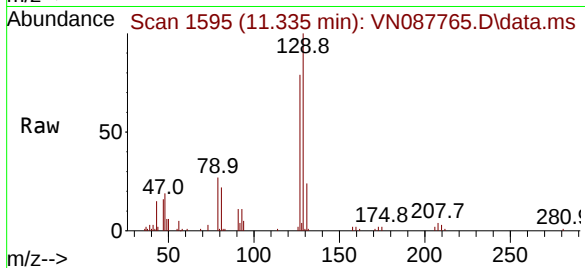
Tgt Ion: 76 Resp: 107500
Ion Ratio Lower Upper
76 100
78 31.2 0.0 65.2





#53
Dibromochloromethane
Concen: 18.008 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

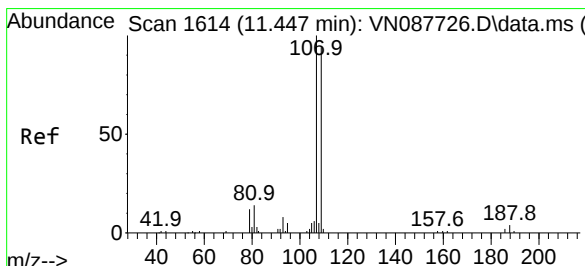
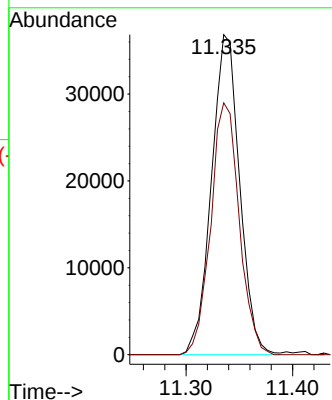
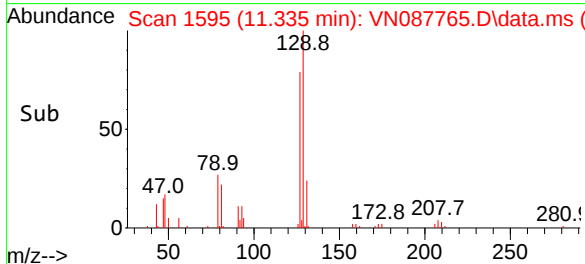
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



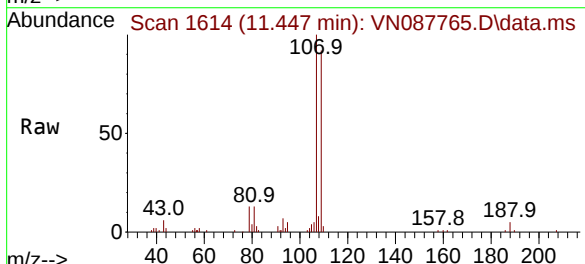
Tgt Ion:129 Resp: 67730
Ion Ratio Lower Upper
129 100
127 79.3 42.6 128.0

Manual Integrations
APPROVED

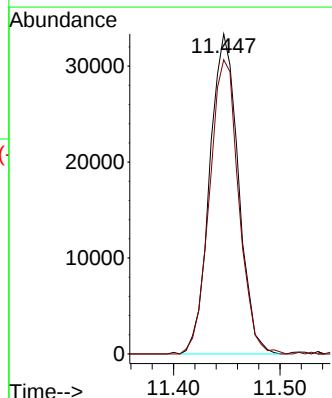
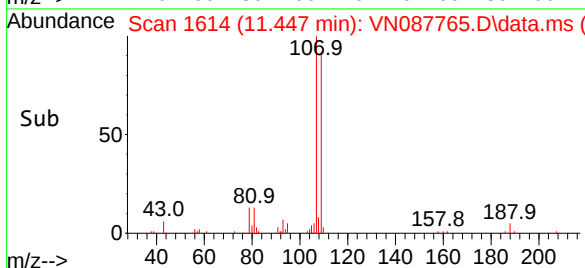
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

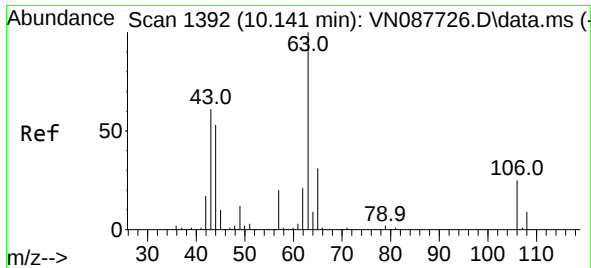


#54
1,2-Dibromoethane
Concen: 17.869 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



Tgt Ion:107 Resp: 62373
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0





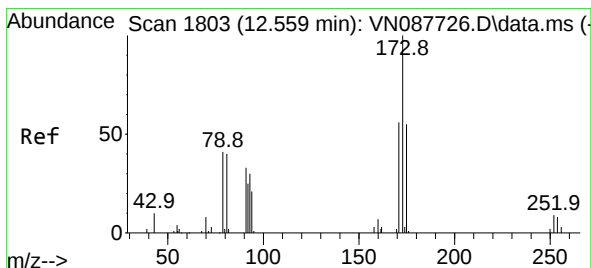
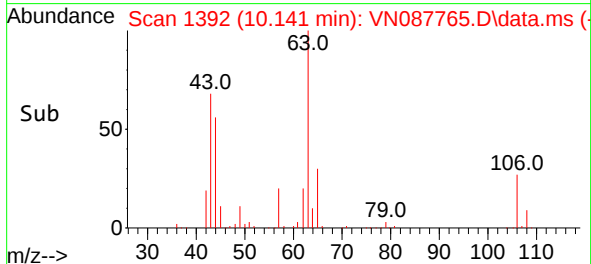
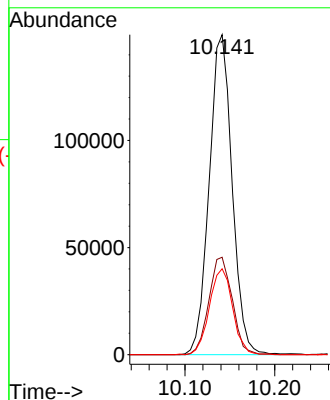
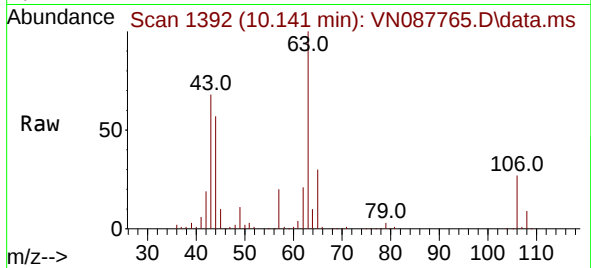
#55
2-Chloroethyl vinyl ether
Concen: 88.611 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 63 Resp: 265059
Ion Ratio Lower Upper
63 100
65 31.0 26.6 40.0
106 27.2 21.1 31.7

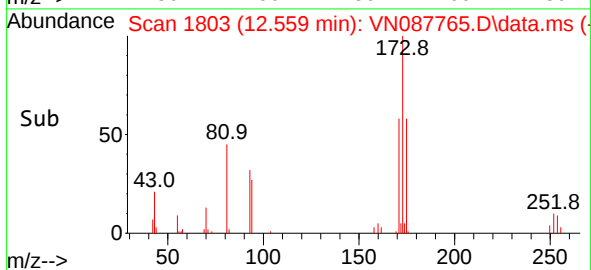
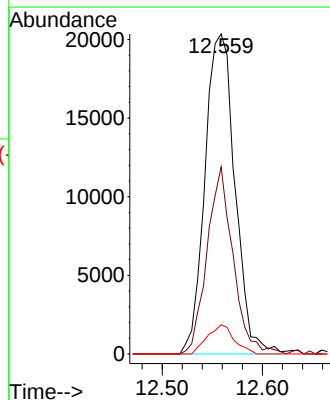
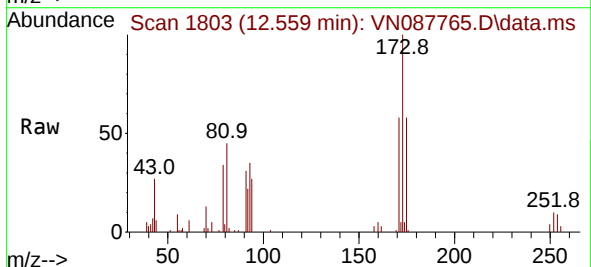
Manual Integrations
APPROVED

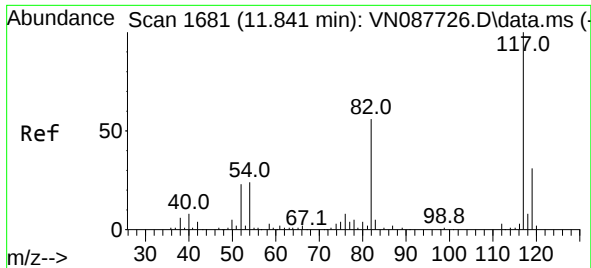
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#56
Bromoform
Concen: 17.234 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Tgt Ion:173 Resp: 42334
Ion Ratio Lower Upper
173 100
175 49.9 39.8 59.6
254 8.1 6.2 9.4





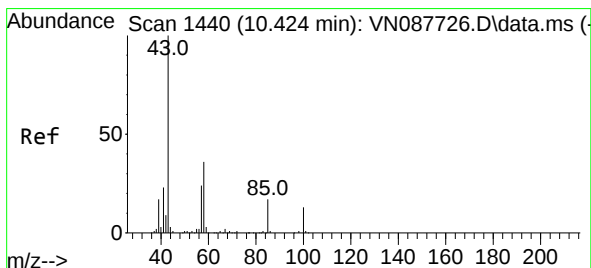
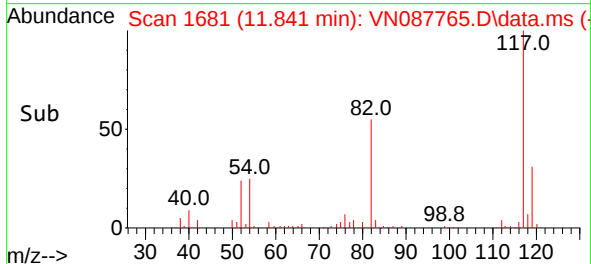
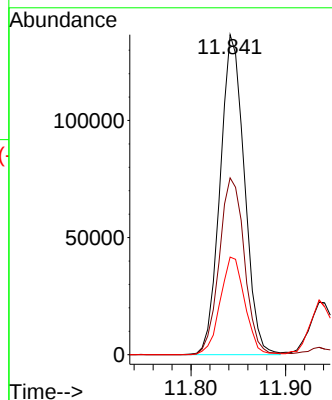
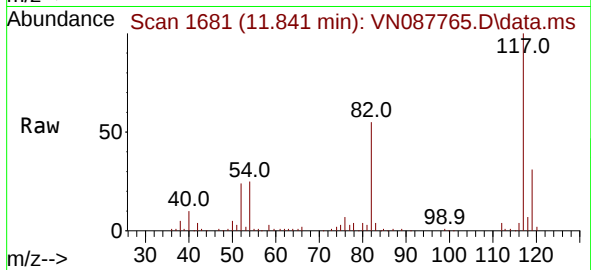
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:117 Resp: 24303
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.0 25.3 37.9

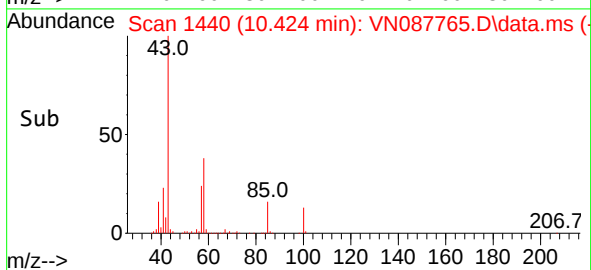
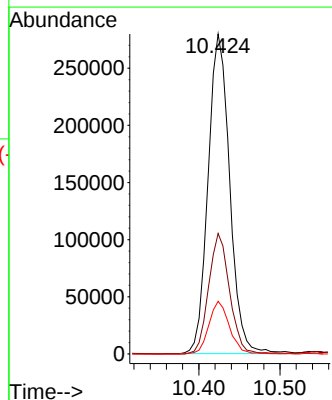
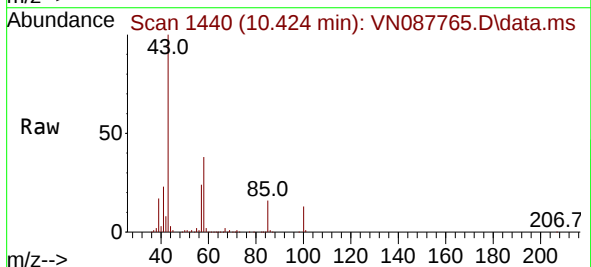
Manual Integrations
APPROVED

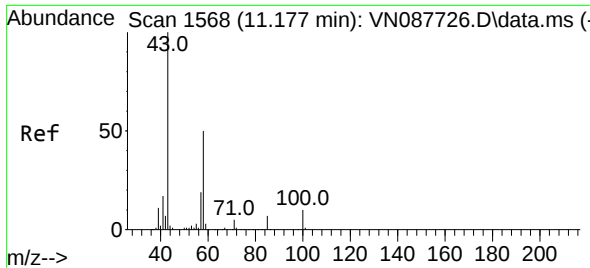
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#58
4-Methyl-2-Pentanone
Concen: 90.157 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

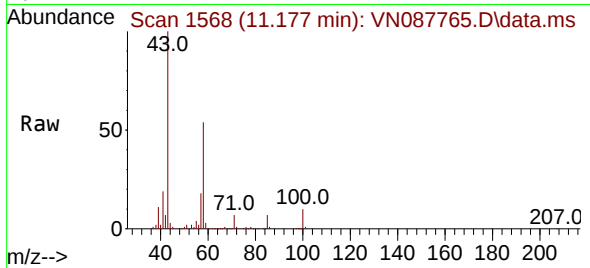
Tgt Ion: 43 Resp: 518093
Ion Ratio Lower Upper
43 100
58 36.4 29.6 44.4
85 15.7 13.0 19.4





#59
2-Hexanone
Concen: 87.325 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

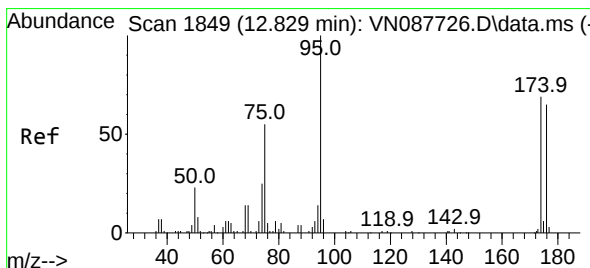
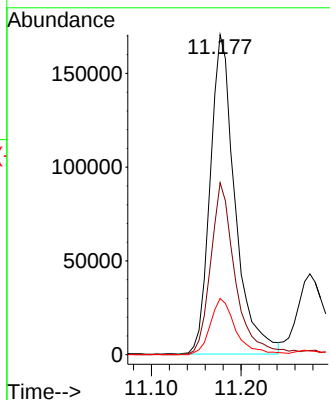
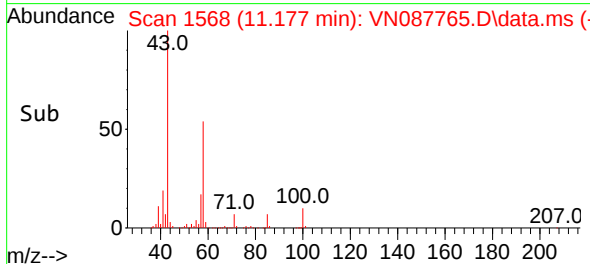
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



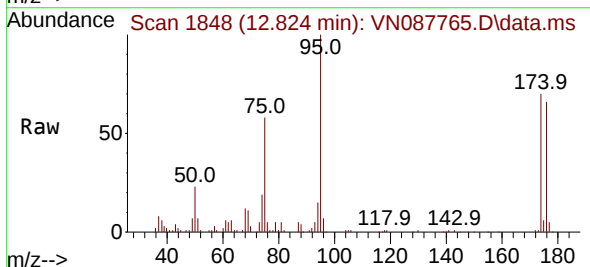
Tgt Ion: 43 Resp: 327910
Ion Ratio Lower Upper
43 100
58 53.4 40.2 60.4
57 17.6 13.7 20.5

Manual Integrations
APPROVED

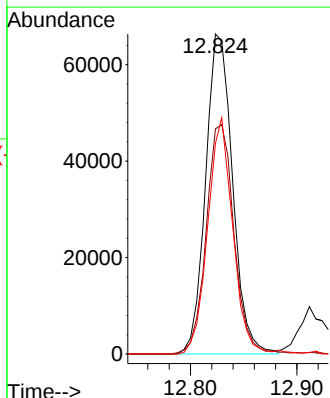
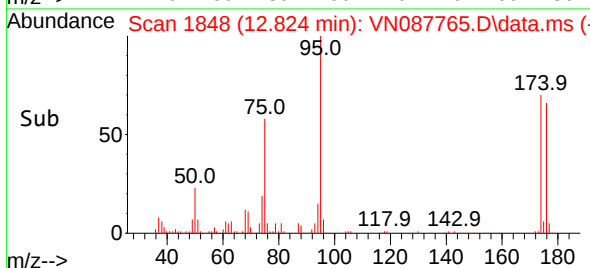
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

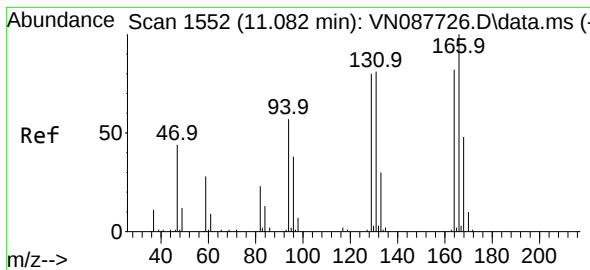


#60
4-Bromofluorobenzene
Concen: 29.932 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



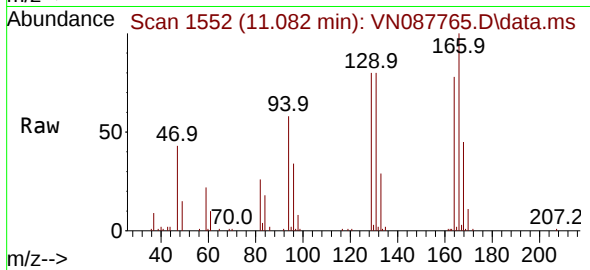
Tgt Ion: 95 Resp: 116971
Ion Ratio Lower Upper
95 100
174 73.6 55.4 83.0
176 68.3 51.5 77.3





#61
Tetrachloroethene
Concen: 18.661 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

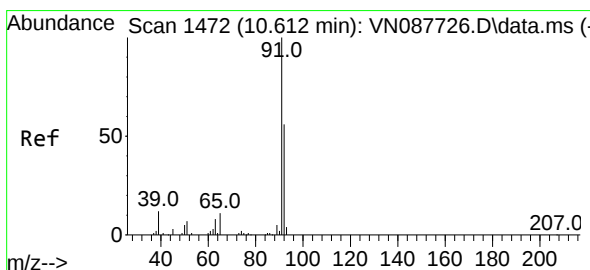
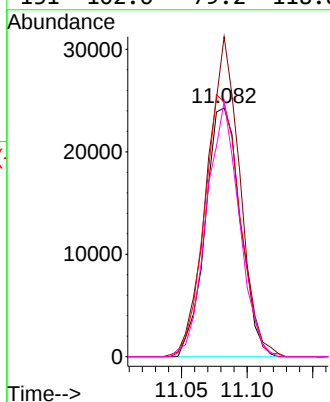
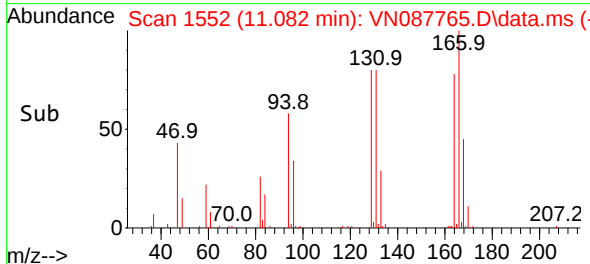
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



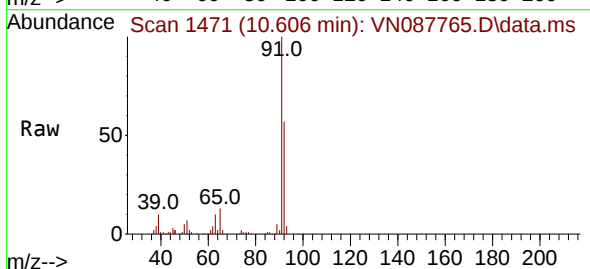
Tgt Ion:164 Resp: 4515
Ion Ratio Lower Upper
164 100
166 127.3 97.3 145.9
129 101.1 78.6 117.8
131 102.6 79.2 118.8

Manual Integrations
APPROVED

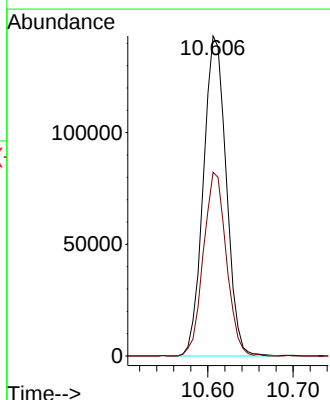
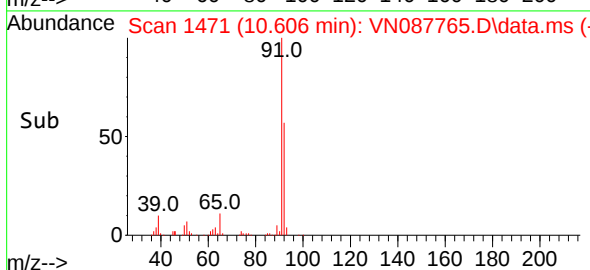
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

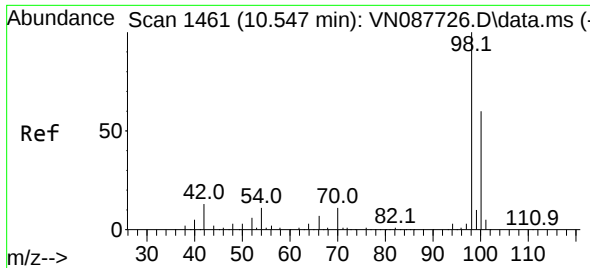


#62
Toluene
Concen: 18.170 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



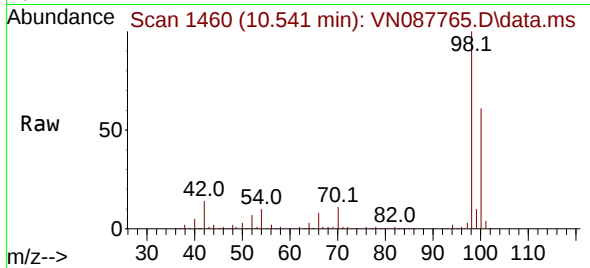
Tgt Ion: 91 Resp: 267114
Ion Ratio Lower Upper
91 100
92 57.6 45.4 68.0





#63
Toluene-d8
Concen: 30.116 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

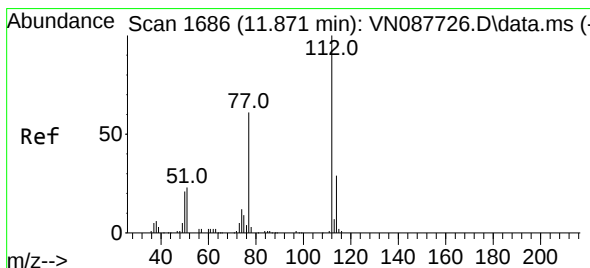
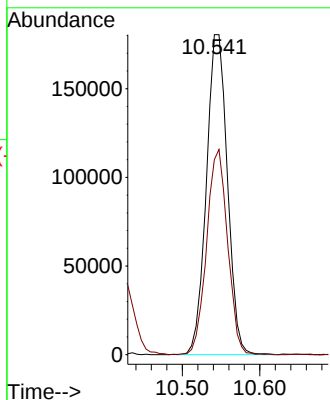
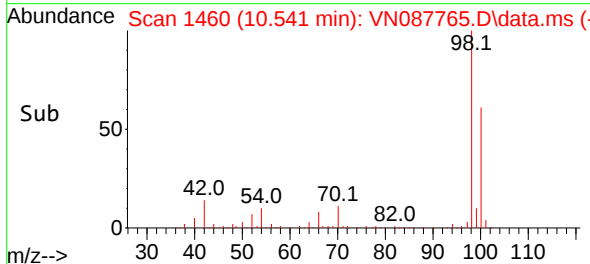
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 98 Resp: 340388
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

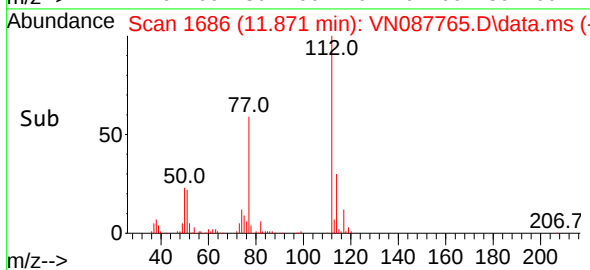
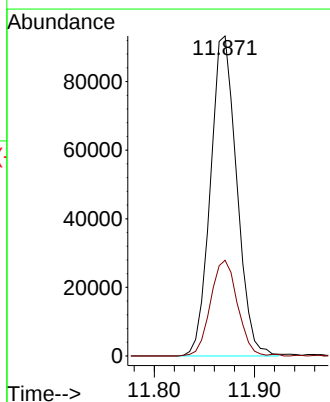
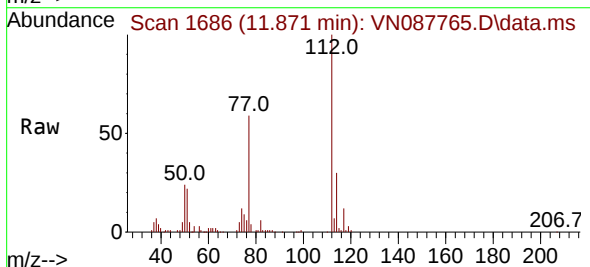
Manual Integrations
APPROVED

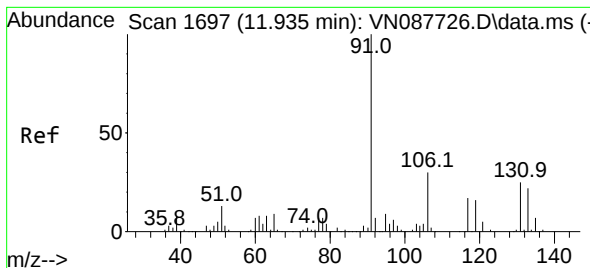
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#64
Chlorobenzene
Concen: 18.877 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

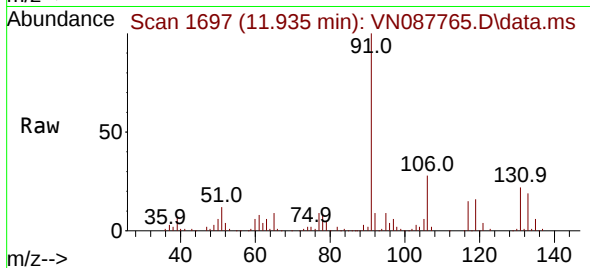
Tgt Ion:112 Resp: 170327
Ion Ratio Lower Upper
112 100
114 29.9 23.5 35.3





#65
1,1,1,2-Tetrachloroethane
Concen: 18.370 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

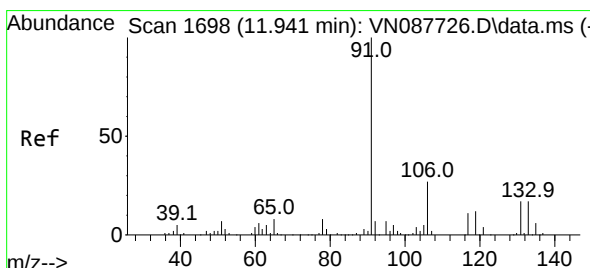
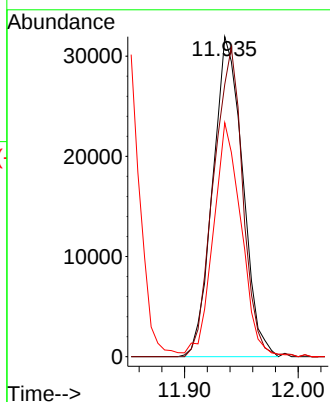
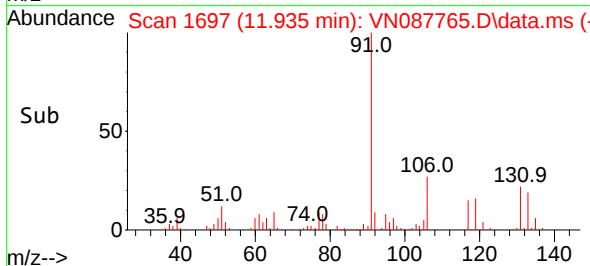
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



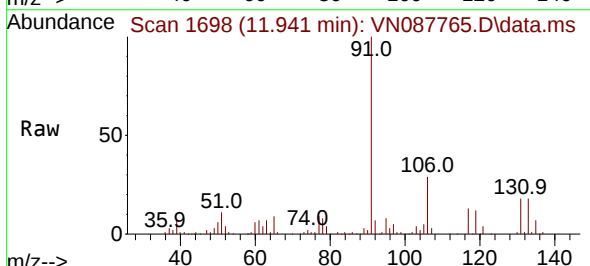
Tgt Ion:131 Resp: 5835
Ion Ratio Lower Upper
131 100
133 94.3 0.0 195.8
119 68.5 0.0 139.0

Manual Integrations
APPROVED

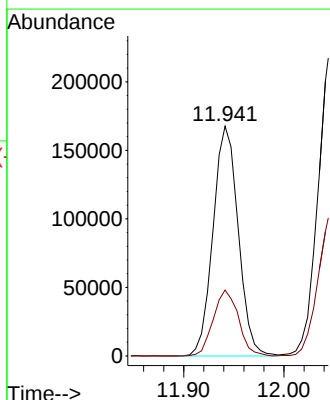
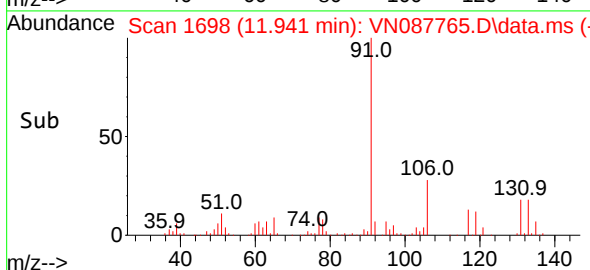
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

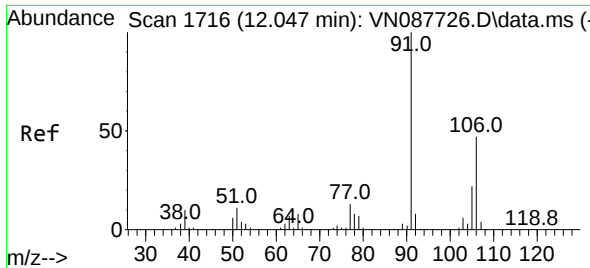


#66
Ethyl Benzene
Concen: 18.430 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



Tgt Ion: 91 Resp: 292293
Ion Ratio Lower Upper
91 100
106 28.7 21.3 31.9





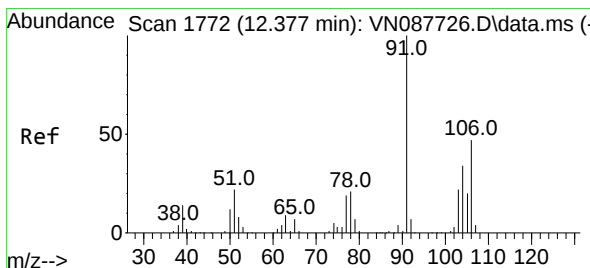
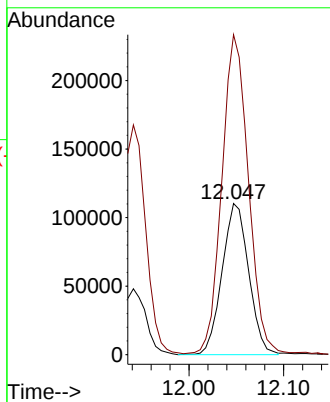
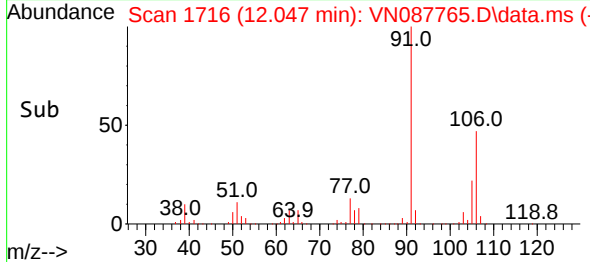
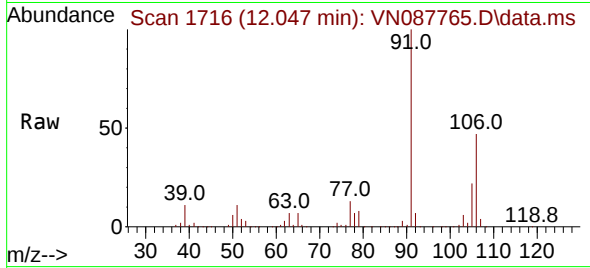
#67
m/p-Xylenes
Concen: 36.548 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:106 Resp: 215169
Ion Ratio Lower Upper
106 100
91 210.4 174.3 261.5

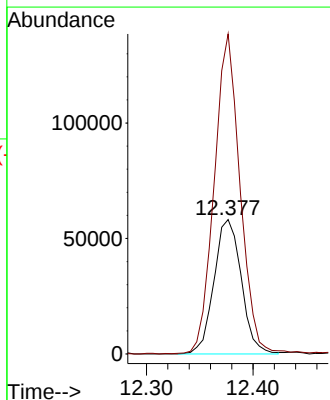
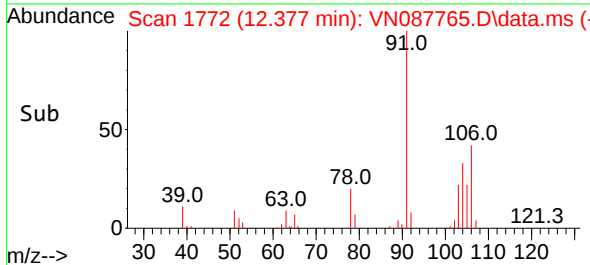
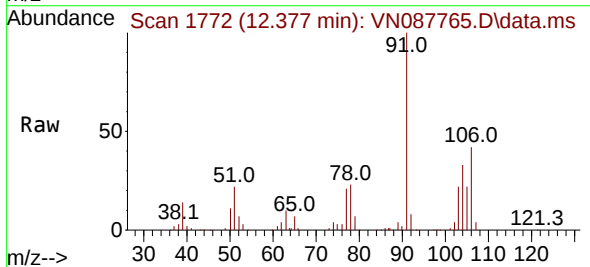
Manual Integrations
APPROVED

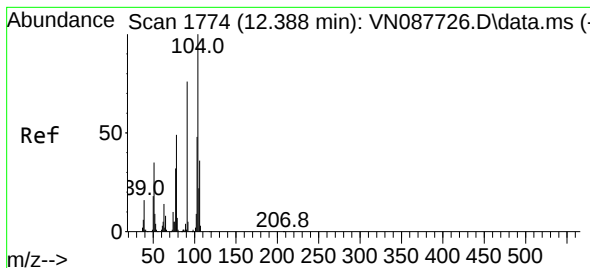
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#68
o-Xylene
Concen: 18.157 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Tgt Ion:106 Resp: 103645
Ion Ratio Lower Upper
106 100
91 223.4 107.7 323.3





#69

Styrene

Concen: 17.746 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

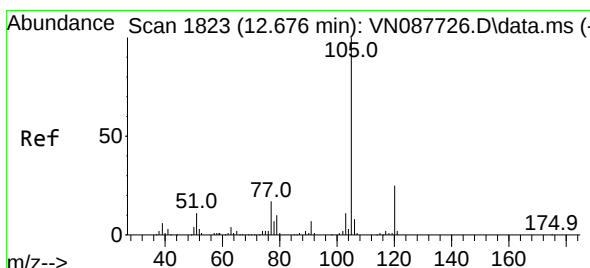
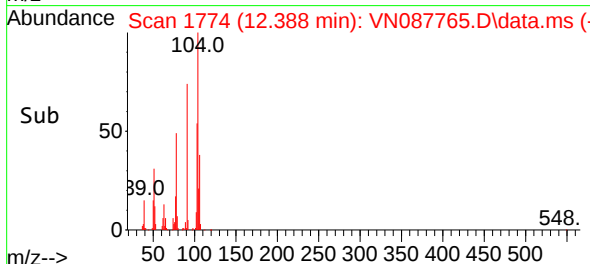
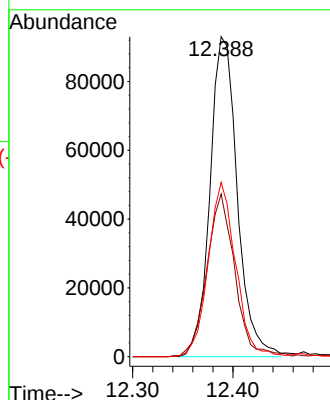
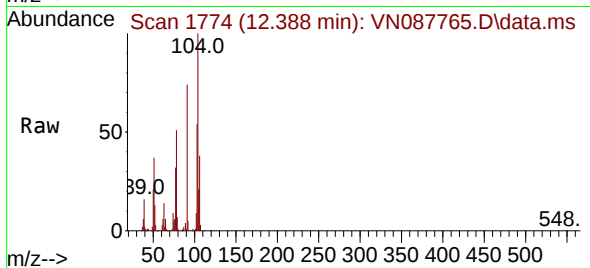
VN0909WBS01

Tgt Ion:	104	Resp:	17606
Ion Ratio	Lower	Upper	
104	100		
78	52.1	41.0	61.6
103	54.9	44.6	66.8

Manual Integrations

APPROVED

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



#70

Isopropylbenzene

Concen: 18.475 ug/l

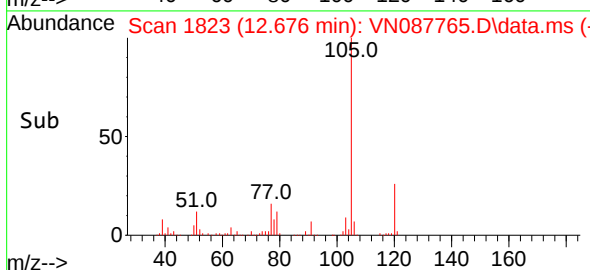
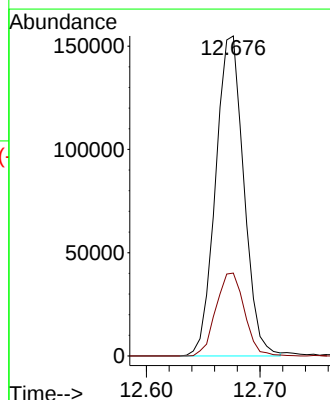
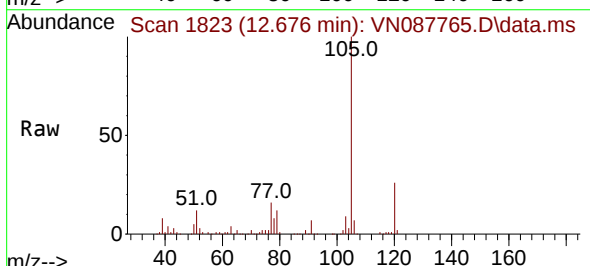
RT: 12.676 min Scan# 1823

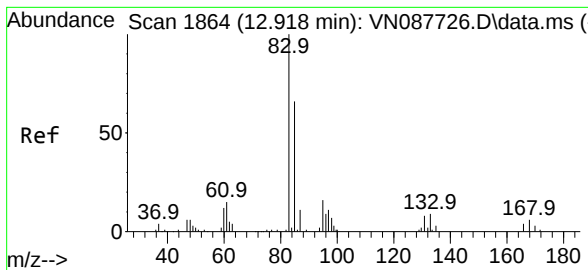
Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

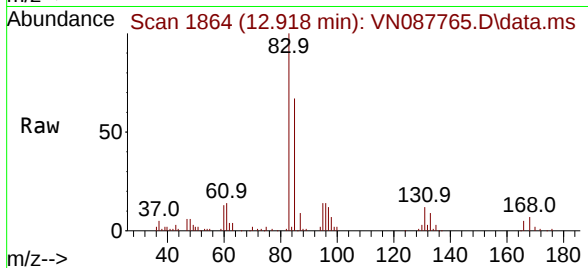
Tgt Ion:	105	Resp:	267394
Ion Ratio	Lower	Upper	
105	100		
120	26.1	17.4	32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 18.286 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

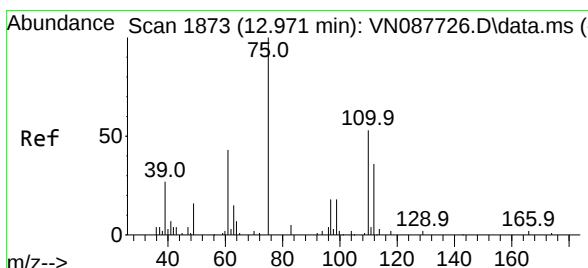
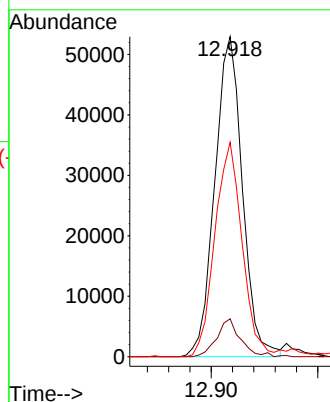
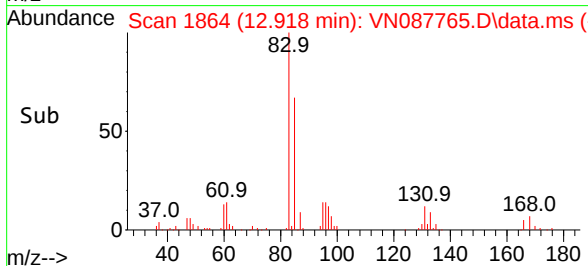
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



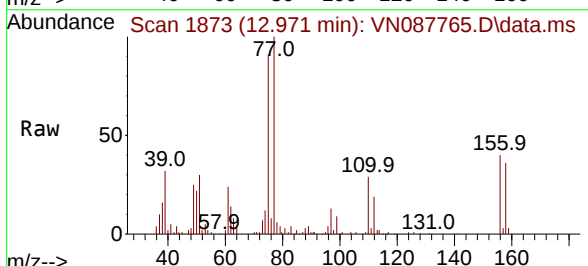
Tgt Ion: 83 Resp: 95144
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 66.0 31.9 95.7

Manual Integrations
APPROVED

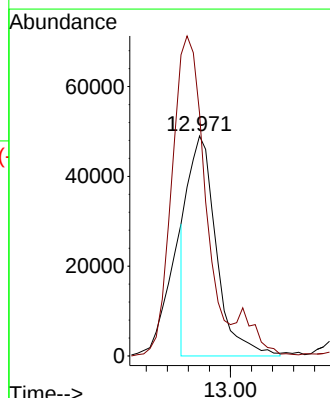
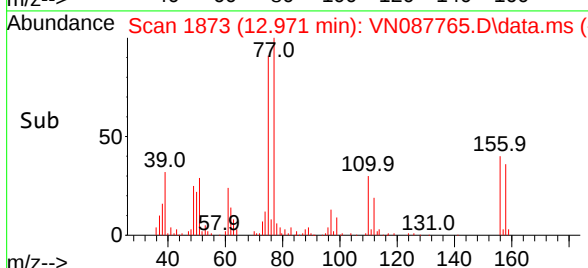
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

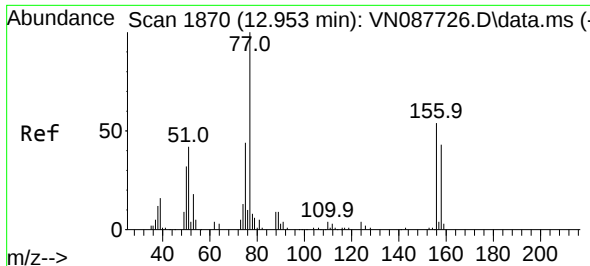


#72
1,2,3-Trichloropropane
Concen: 18.100 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



Tgt Ion: 75 Resp: 92472
Ion Ratio Lower Upper
75 100
77 167.8 0.0 378.8





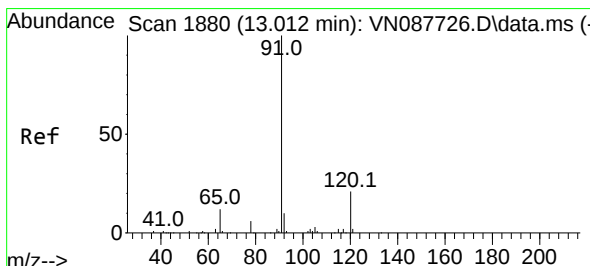
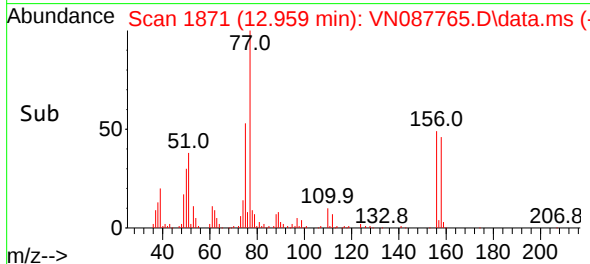
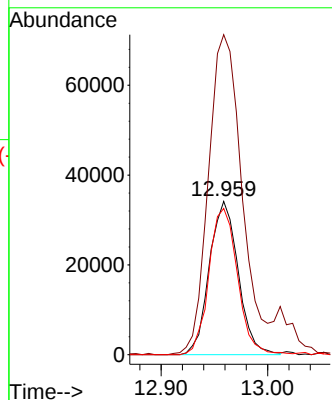
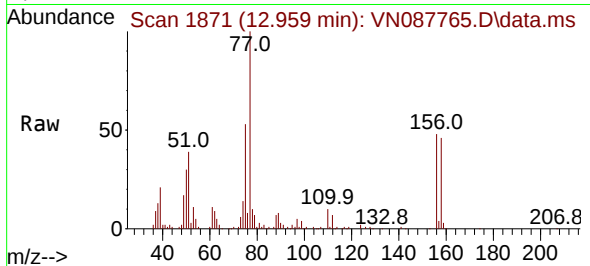
#73
Bromobenzene
Concen: 18.159 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:156 Resp: 6430
Ion Ratio Lower Upper
156 100
77 241.3 0.0 484.2
158 94.2 0.0 186.2

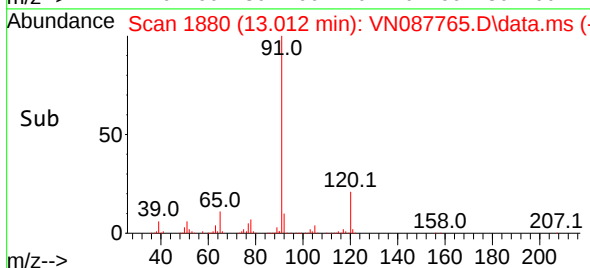
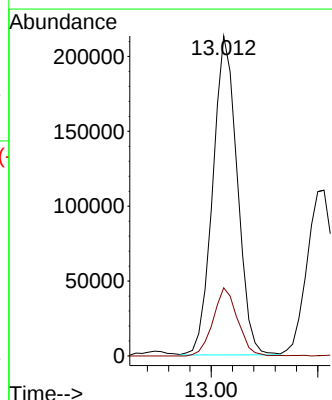
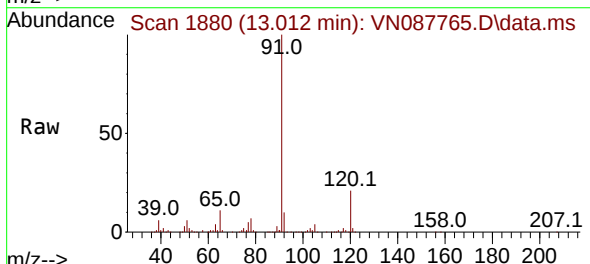
Manual Integrations
APPROVED

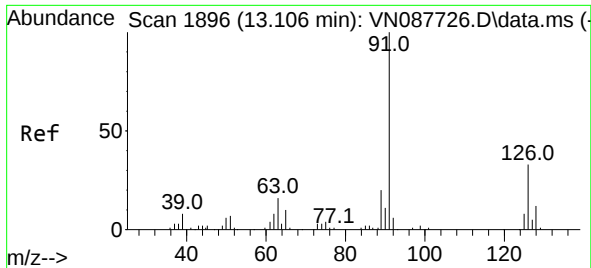
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#74
n-propylbenzene
Concen: 18.580 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Tgt Ion: 91 Resp: 339310
Ion Ratio Lower Upper
91 100
120 21.3 0.0 42.2





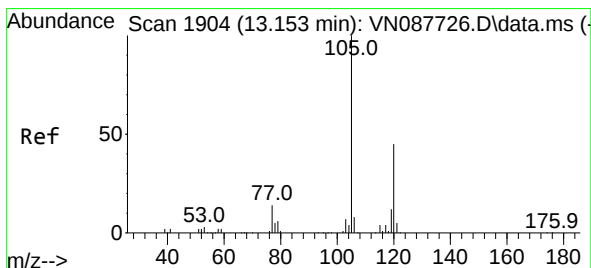
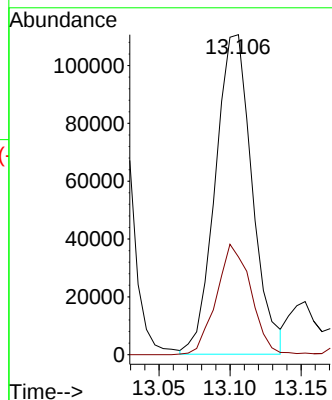
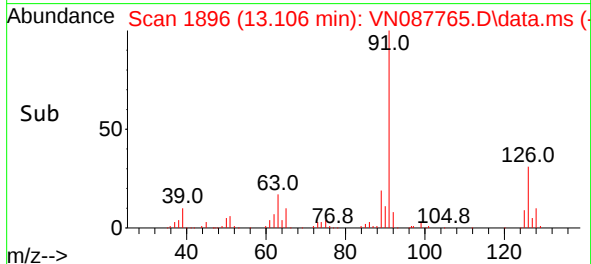
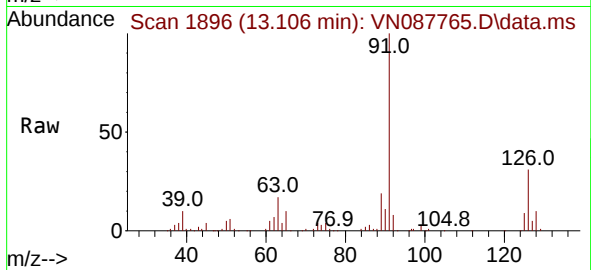
#75
2-Chlorotoluene
Concen: 18.151 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 91 Resp: 199499
Ion Ratio Lower Upper
91 100
126 32.6 0.0 60.4

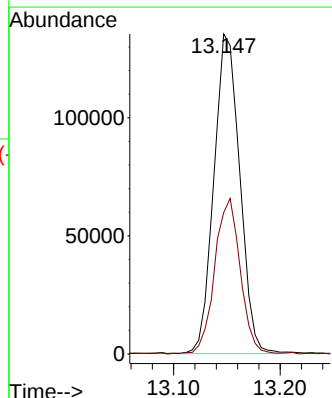
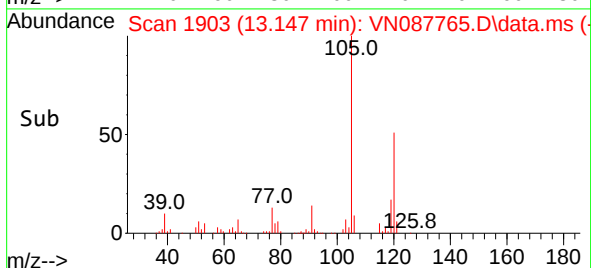
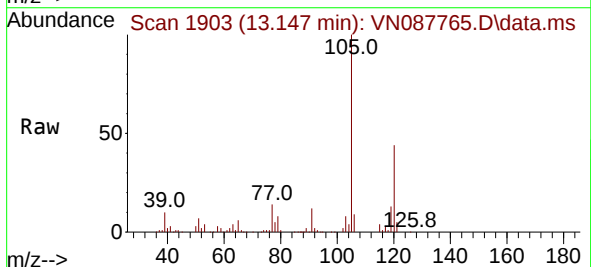
Manual Integrations
APPROVED

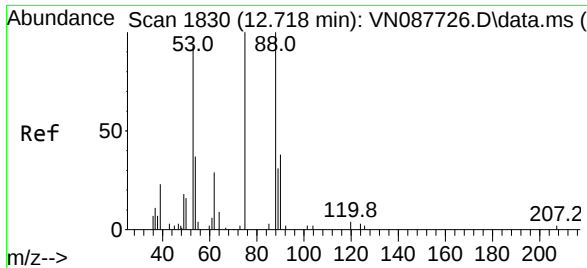
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.670 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

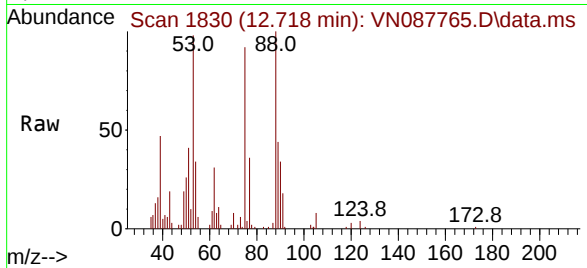
Tgt Ion:105 Resp: 228194
Ion Ratio Lower Upper
105 100
120 47.8 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.079 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

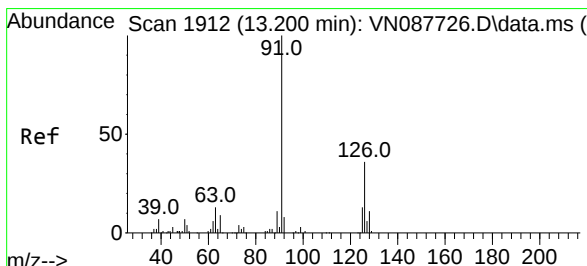
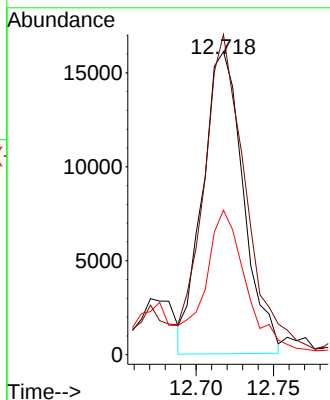
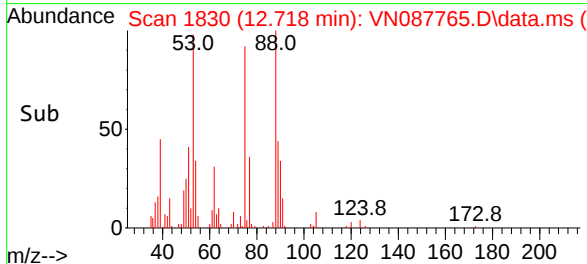
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 75 Resp: 2945
Ion Ratio Lower Upper
75 100
53 99.3 45.3 135.9
89 44.4 18.8 56.3

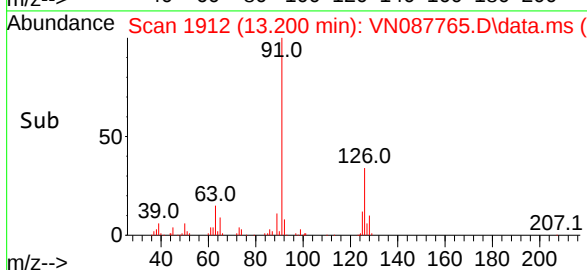
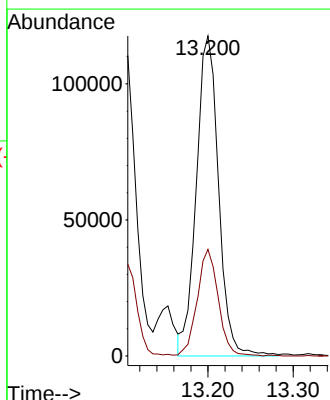
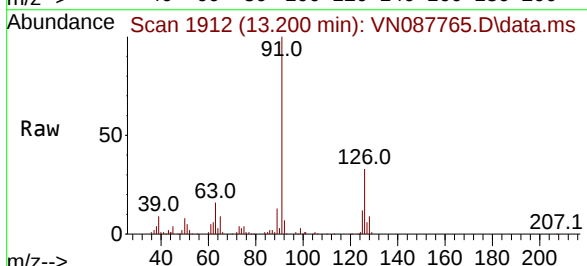
Manual Integrations
APPROVED

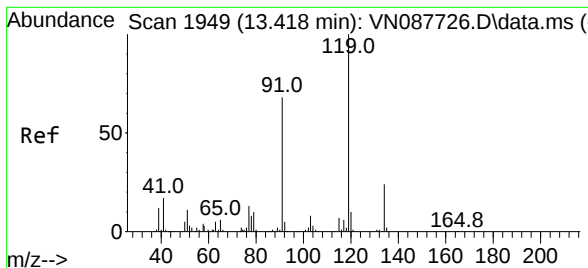
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#78
4-Chlorotoluene
Concen: 19.245 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Tgt Ion: 91 Resp: 213252
Ion Ratio Lower Upper
91 100
126 31.5 0.0 67.0





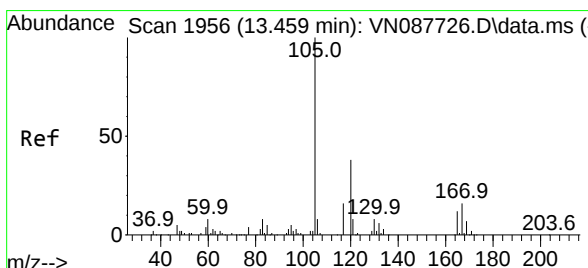
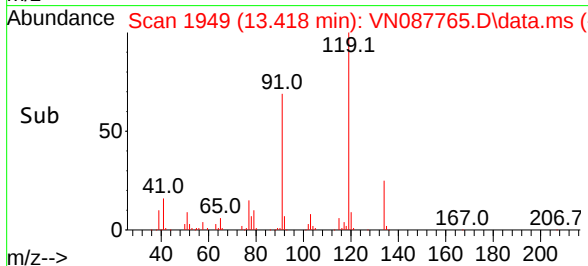
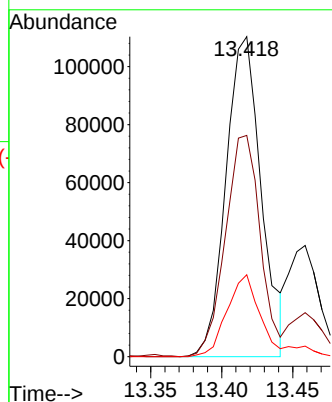
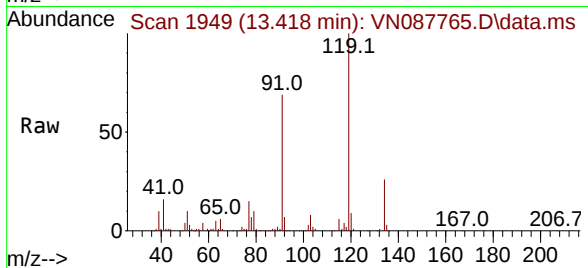
#79
tert-butylbenzene
Concen: 18.633 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:119 Resp: 19072
Ion Ratio Lower Upper
119 100
91 68.4 0.0 142.6
134 23.6 0.0 47.2

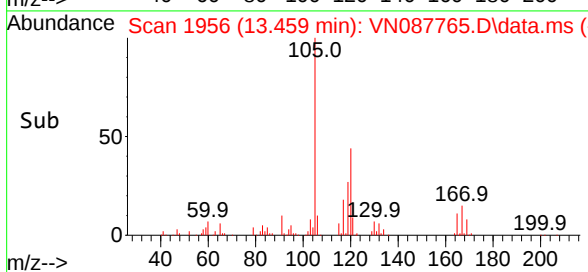
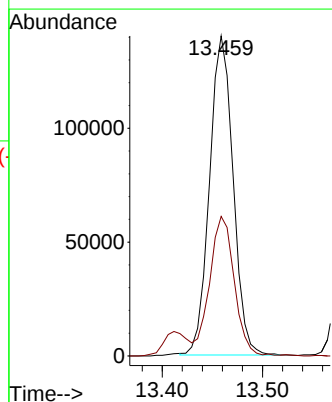
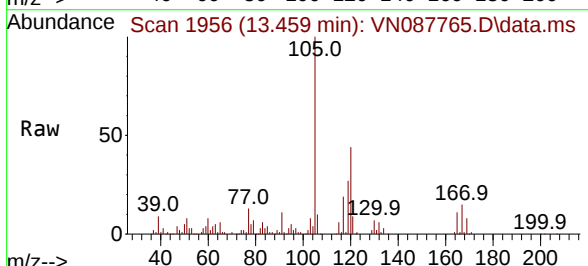
Manual Integrations
APPROVED

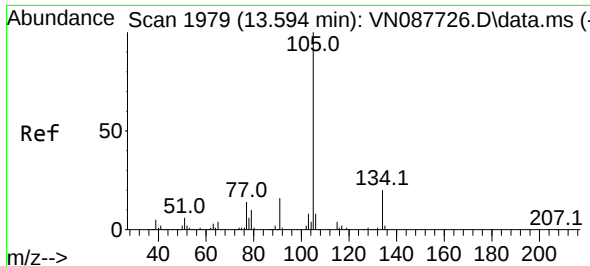
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.307 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

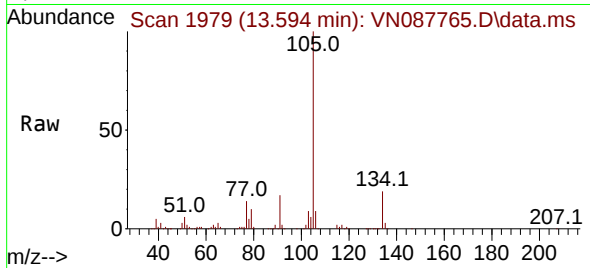
Tgt Ion:105 Resp: 229402
Ion Ratio Lower Upper
105 100
120 45.3 0.0 86.6





#81
 sec-Butylbenzene
 Concen: 19.012 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59

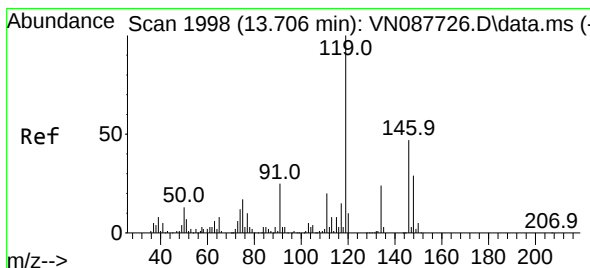
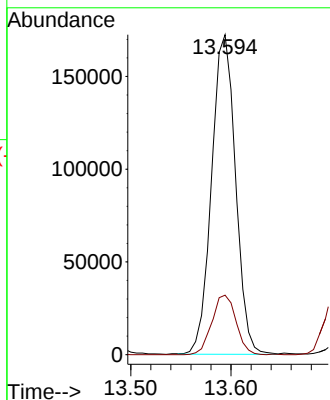
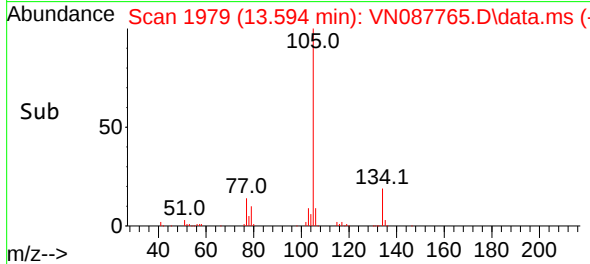
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01



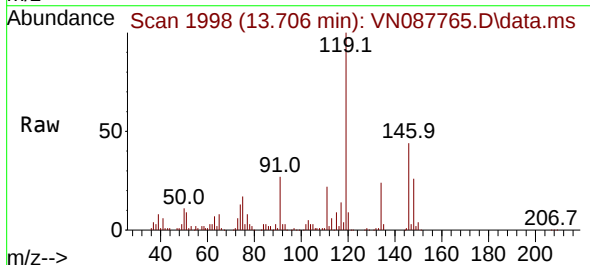
Tgt Ion:105 Resp: 28624
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 37.0

Manual Integrations
 APPROVED

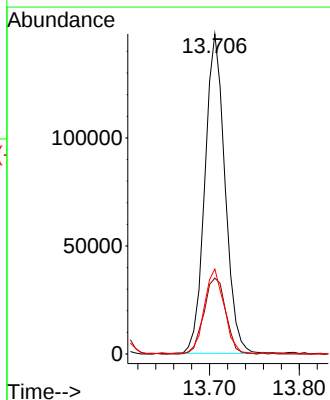
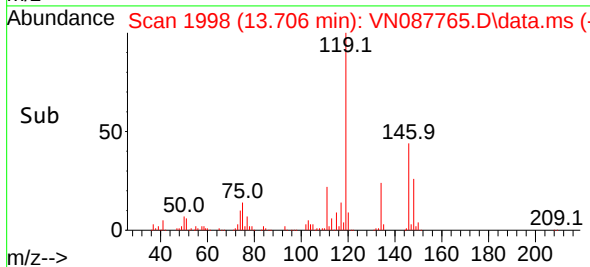
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

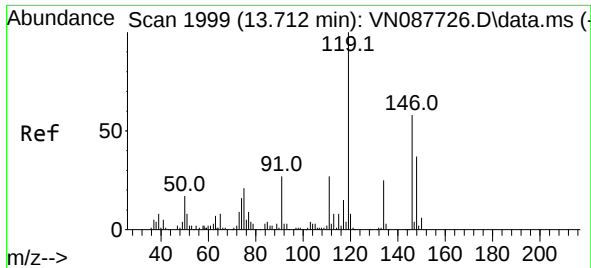


#82
 p-Isopropyltoluene
 Concen: 18.530 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59



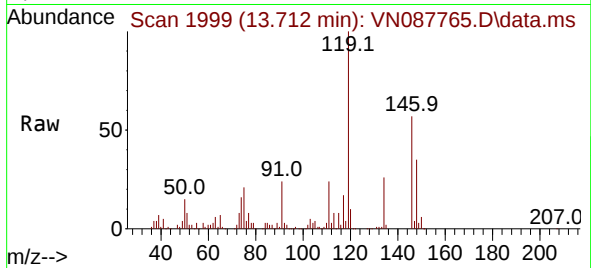
Tgt Ion:119 Resp: 229865
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 49.4
 91 26.4 0.0 52.2





#83
 1,3-Dichlorobenzene
 Concen: 18.366 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59

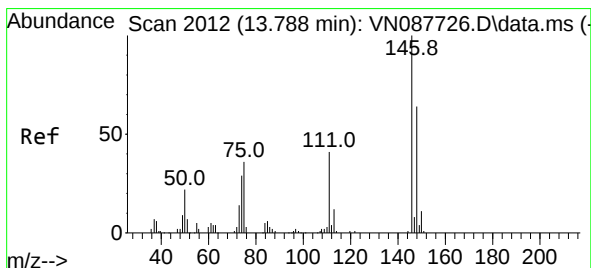
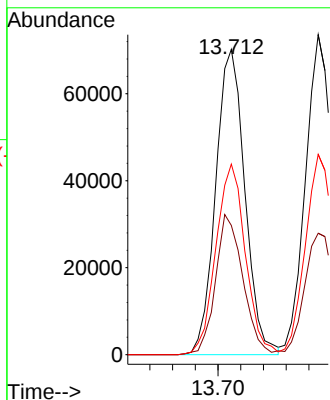
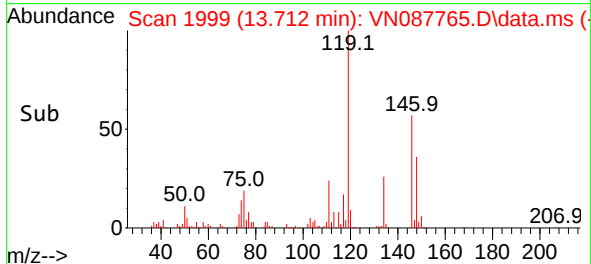
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01



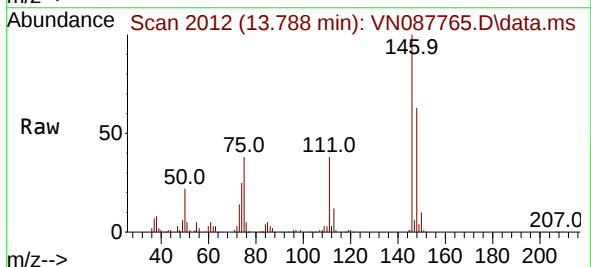
Tgt Ion:146 Resp: 125384
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.4
 148 63.1 31.0 93.0

Manual Integrations
 APPROVED

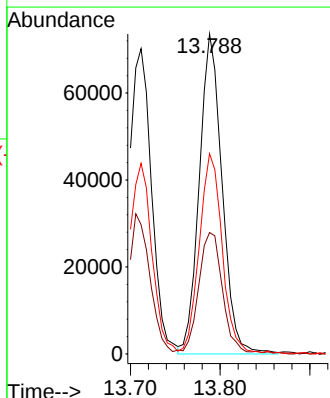
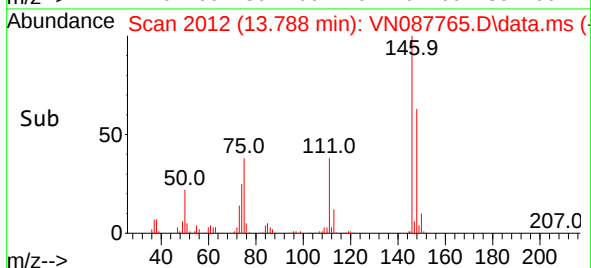
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

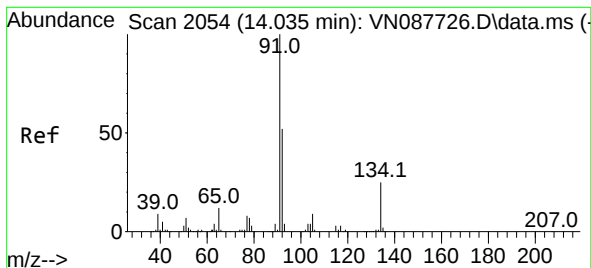


#84
 1,4-Dichlorobenzene
 Concen: 18.984 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087765.D
 Acq: 09 Sep 2025 09:59



Tgt Ion:146 Resp: 129907
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.2 60.5
 148 63.0 31.5 94.5





#85

n-Butylbenzene

Concen: 19.147 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

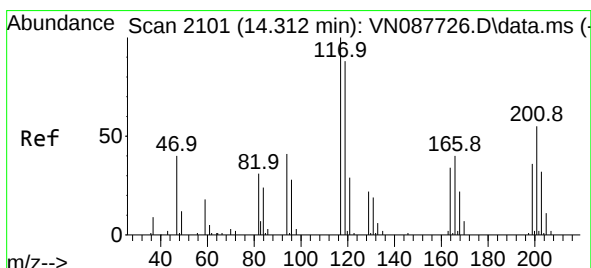
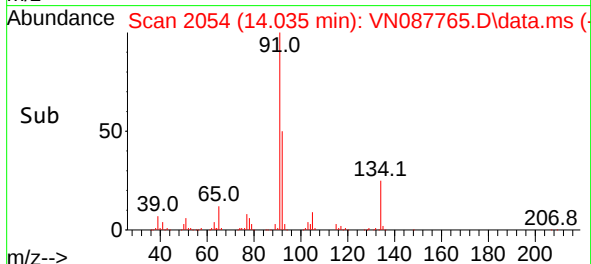
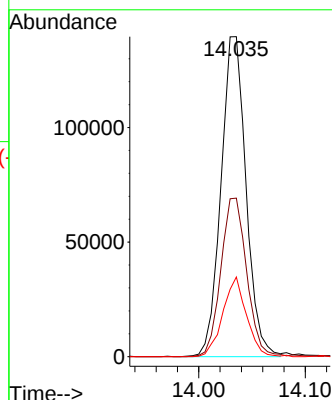
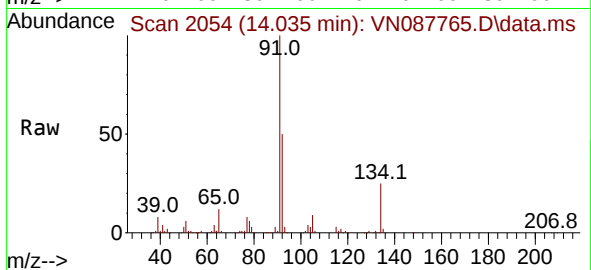
VN0909WBS01

Tgt Ion:	91	Resp:	228308
Ion Ratio	Lower	Upper	
91	100		
92	51.0	0.0	104.0
134	23.5	0.0	46.0

Manual Integrations

APPROVED

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



#86

Hexachloroethane

Concen: 17.936 ug/l

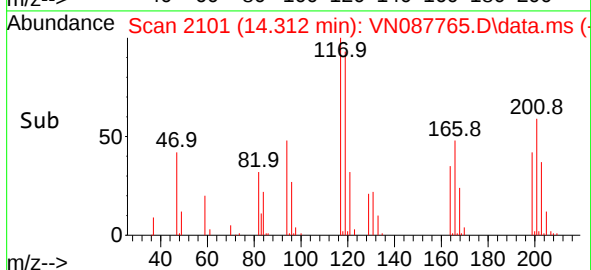
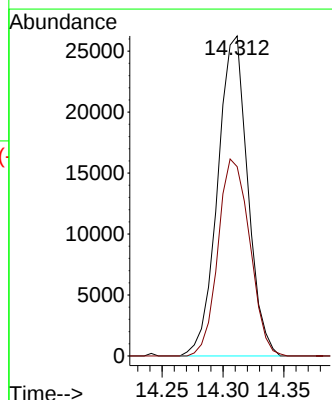
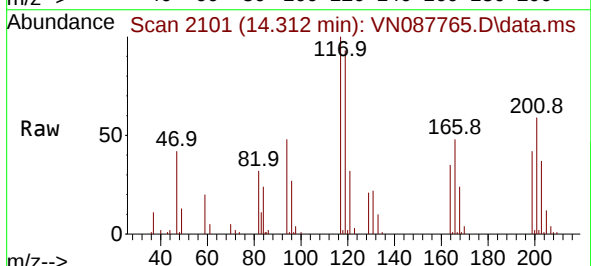
RT: 14.312 min Scan# 2101

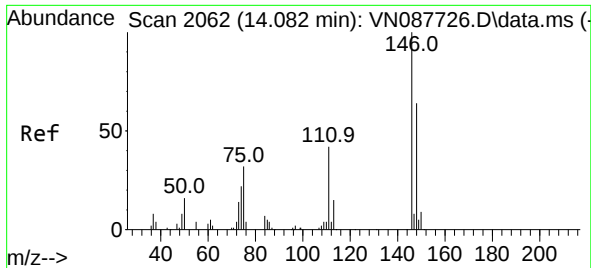
Delta R.T. 0.000 min

Lab File: VN087765.D

Acq: 09 Sep 2025 09:59

Tgt Ion:	117	Resp:	45193
Ion Ratio	Lower	Upper	
117	100		
201	64.9	29.9	89.7





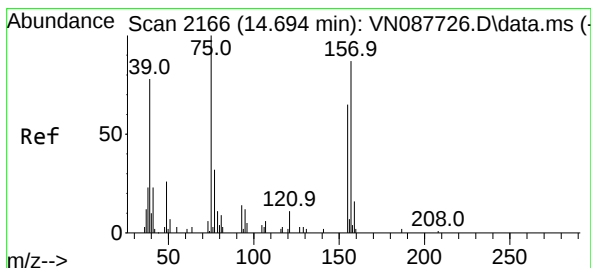
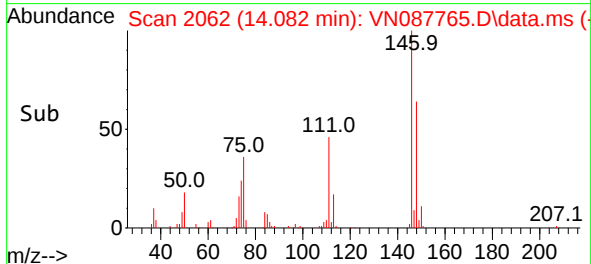
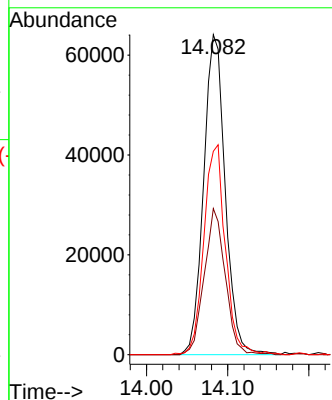
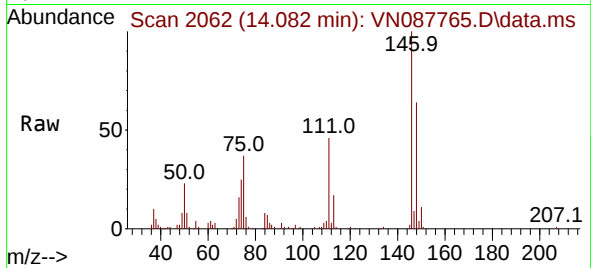
#87
1,2-Dichlorobenzene
Concen: 18.383 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:146 Resp: 11836
Ion Ratio Lower Upper
146 100
111 44.1 21.5 64.5
148 65.2 33.4 100.1

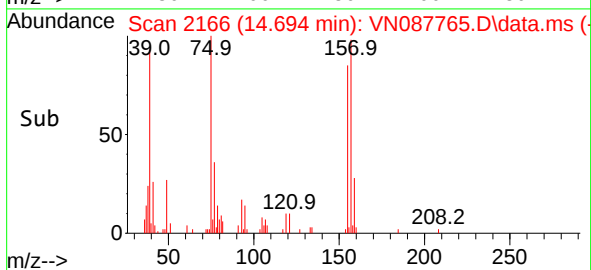
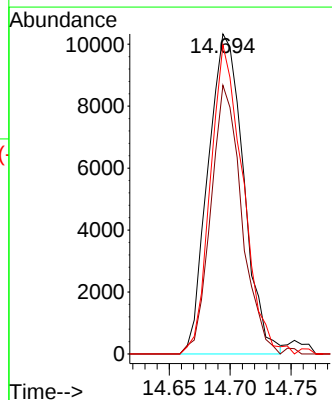
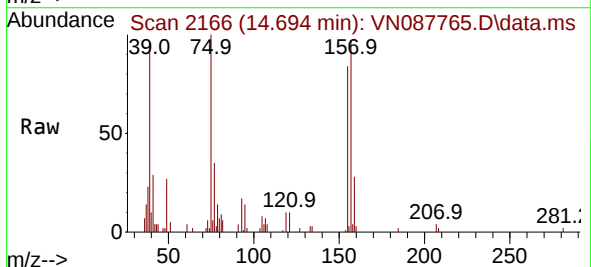
Manual Integrations
APPROVED

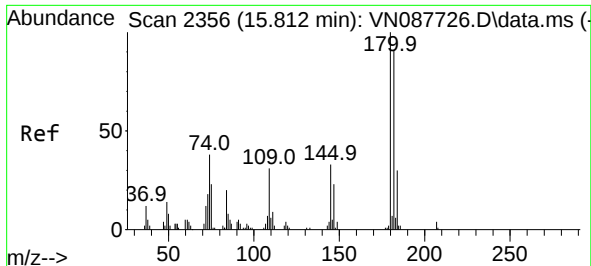
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.207 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

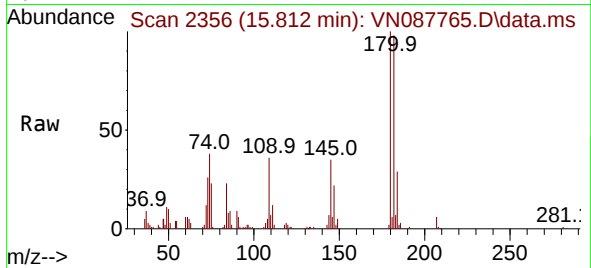
Tgt Ion: 75 Resp: 21024
Ion Ratio Lower Upper
75 100
155 73.0 53.0 79.4
157 88.0 72.2 108.4





#89
1,2,4-Trichlorobenzene
Concen: 17.469 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

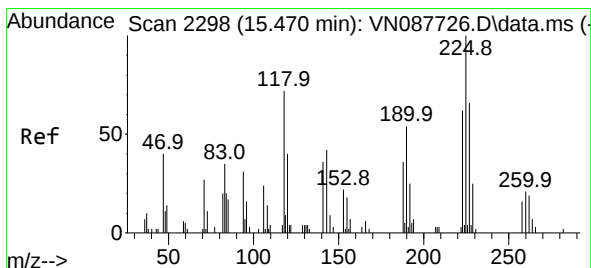
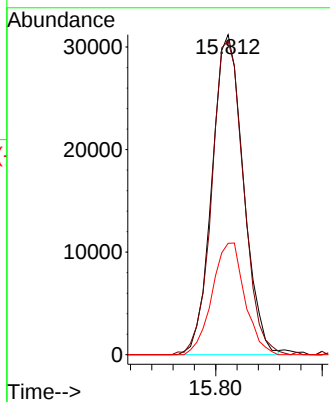
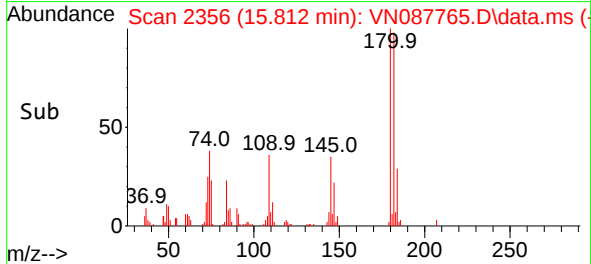
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



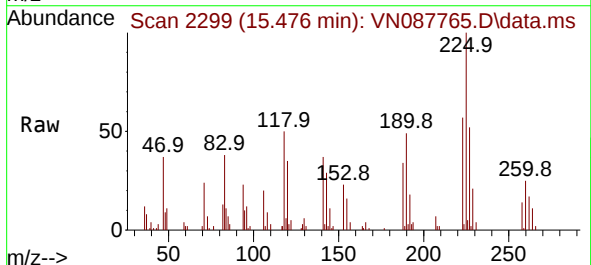
Tgt Ion:180 Resp: 6397
Ion Ratio Lower Upper
180 100
182 98.5 74.6 111.8
145 36.1 27.4 41.0

Manual Integrations
APPROVED

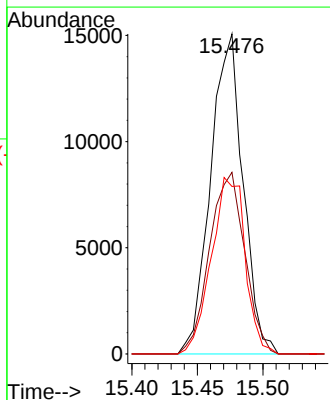
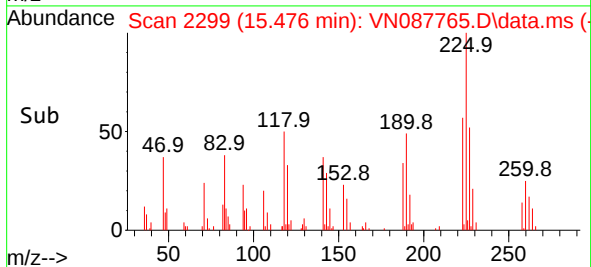
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

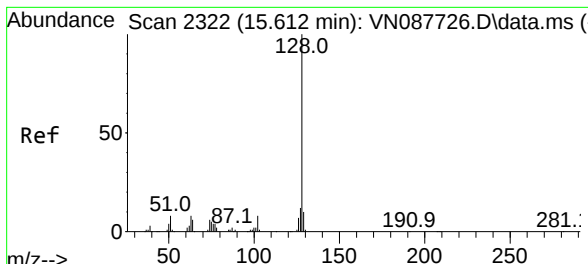


#90
Hexachlorobutadiene
Concen: 21.095 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



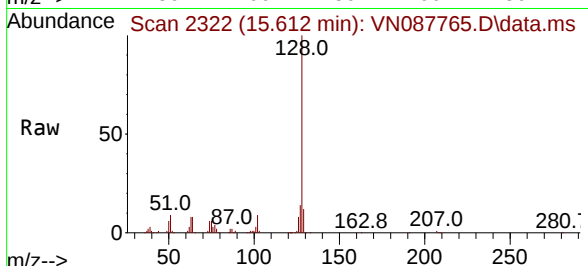
Tgt Ion:225 Resp: 25898
Ion Ratio Lower Upper
225 100
223 61.7 0.0 118.2
227 57.5 0.0 139.0





#91
Naphthalene
Concen: 17.406 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59

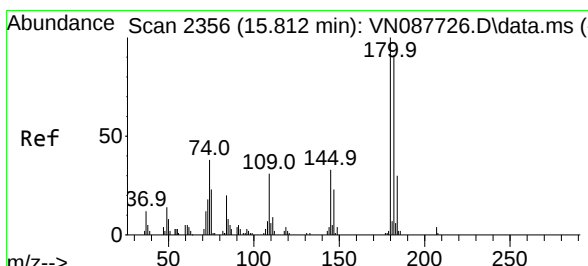
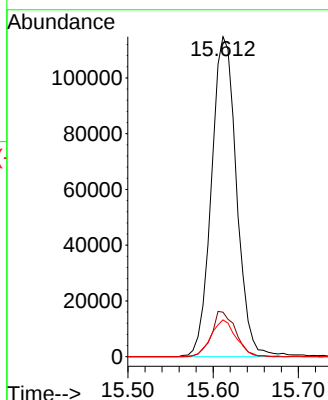
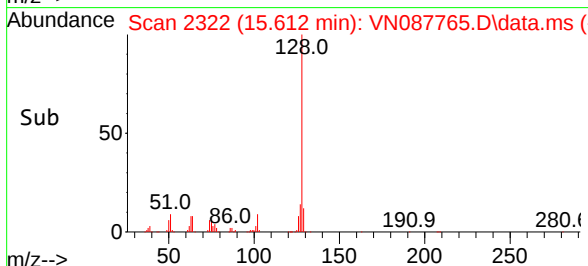
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



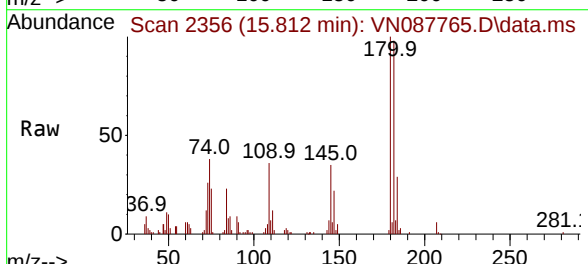
Tgt Ion:128 Resp: 234675
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.6 8.3 12.5

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.469 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087765.D
Acq: 09 Sep 2025 09:59



Tgt Ion:180 Resp: 63973
Ion Ratio Lower Upper
180 100
182 98.5 0.0 186.4
145 36.1 0.0 68.4

