

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087766.D
 Acq On : 09 Sep 2025 10:20
 Operator : JC\MD
 Sample : VN0909WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 02:28:37 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	7.788	128	51766	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	268313	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	245687	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	131699	29.783	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.823	95	117136	29.651	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.833%		
63) Toluene-d8	10.541	98	344543	30.155	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	64729	20.119	ug/l	99
3) Chloromethane	2.383	50	64167	18.999	ug/l	99
4) Vinyl Chloride	2.536	62	75403	19.750	ug/l	95
5) Bromomethane	2.989	94	42943	19.173	ug/l	93
6) Chloroethane	3.148	64	45456	17.421	ug/l #	86
7) Trichlorofluoromethane	3.512	101	109177	19.509	ug/l	96
8) Diethyl Ether	3.959	74	41341	17.494	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	60677	20.018	ug/l	79
10) 1,1-Dichloroethene	4.336	96	60433	19.338	ug/l	88
11) Methyl Iodide	4.589	142	42948	19.415	ug/l	84
12) Methyl Acetate	5.012	43	88410	18.352	ug/l	96
13) Acrolein	4.177	56	69187m	80.664	ug/l	
14) Acrylonitrile	5.706	53	181848	87.700	ug/l	96
15) Acetone	4.424	58	58634	90.645	ug/l	95
16) Carbon Disulfide	4.706	76	163326	19.035	ug/l #	93
17) Allyl chloride	5.006	41	93026	18.225	ug/l	86
18) Methylene Chloride	5.265	84	62285	17.595	ug/l	94
19) trans-1,2-Dichloroethene	5.771	96	58636	18.397	ug/l	99
20) Diisopropyl ether	6.659	45	199214	16.972	ug/l #	96
21) 1,1-Dichloroethane	6.547	63	118539	18.442	ug/l	99
22) cis-1,2-Dichloroethene	7.465	96	71189	18.402	ug/l	97
23) tert-Butyl Alcohol	5.512	59	59068	80.586	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	202818	18.179	ug/l	95
25) Chloroform	7.947	83	121930	18.122	ug/l	99
26) Cyclohexane	8.235	56	94264	19.257	ug/l #	100
29) 1,1-Dichloropropene	8.359	75	81115	18.602	ug/l	97
30) 2-Butanone	7.471	43	259945	86.537	ug/l	97
31) 2,2-Dichloropropane	7.477	77	101051	19.224	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	105653	19.111	ug/l	98
33) Carbon Tetrachloride	8.347	117	86752	18.820	ug/l	96
34) Benzene	8.588	78	254322	18.046	ug/l	92
35) Methacrylonitrile	7.765	41	56470	17.973	ug/l	98
36) 1,2-Dichloroethane	8.653	62	96235	18.078	ug/l	99
37) Trichloroethene	9.335	130	60184	19.104	ug/l	95
38) Methylcyclohexane	9.582	83	92215	19.206	ug/l	99
39) 1,2-Dichloropropane	9.600	63	65757	18.218	ug/l	92
40) Dibromomethane	9.688	93	47457	17.667	ug/l	98
41) Bromodichloromethane	9.865	83	97614	17.780	ug/l	98
42) Vinyl Acetate	6.588	43	889594	88.636	ug/l	99

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

Quant Time: Sep 10 02:28:37 2025
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 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)
43) Ethyl Acetate	7.541	43	110645	18.028	ug/l	99
44) Isopropyl Acetate	8.671	43	174555	18.143	ug/l	98
45) 1,4-Dioxane	9.677	88	19123	315.174	ug/l	98
46) Methyl methacrylate	9.659	41	77651	17.510	ug/l	99
47) n-amyl Acetate	12.529	43	123878m	19.053	ug/l	
48) t-1,3-Dichloropropene	10.818	75	100171	17.567	ug/l	99
49) cis-1,3-Dichloropropene	10.288	75	106538	18.241	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	63695	18.359	ug/l	90
51) Ethyl methacrylate	10.853	69	89781	16.628	ug/l	93
52) 1,3-Dichloropropane	11.141	76	108258	17.969	ug/l	100
53) Dibromochloromethane	11.335	129	70386	18.094	ug/l	94
54) 1,2-Dibromoethane	11.447	107	66000	18.282	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	268977	86.946	ug/l	99
56) Bromoform	12.559	173	42273	16.640	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	531748	91.535	ug/l	99
59) 2-Hexanone	11.176	43	336907	88.753	ug/l	99
61) Tetrachloroethene	11.082	164	47359	19.361	ug/l	95
62) Toluene	10.606	91	273478	18.402	ug/l	99
64) Chlorobenzene	11.870	112	167498	18.364	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	59496	18.527	ug/l	95
66) Ethyl Benzene	11.941	91	295535	18.433	ug/l	96
67) m/p-Xylenes	12.047	106	222821	37.440	ug/l	95
68) o-Xylene	12.376	106	103447	17.927	ug/l	92
69) Styrene	12.388	104	174166	17.366	ug/l	98
70) Isopropylbenzene	12.670	105	276966	18.930	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	97832	18.599	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	100619m	19.482	ug/l	
73) Bromobenzene	12.959	156	64542	18.030	ug/l	96
74) n-propylbenzene	13.012	91	350861	19.005	ug/l	99
75) 2-Chlorotoluene	13.100	91	202618	18.236	ug/l	96
76) 1,3,5-Trimethylbenzene	13.147	105	235895	19.092	ug/l	99
77) t-1,4-Dichloro-2-butene	12.712	75	31878	18.287	ug/l	94
78) 4-Chlorotoluene	13.200	91	210726	18.812	ug/l	98
79) tert-butylbenzene	13.412	119	201723	19.495	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	237570	18.755	ug/l	99
81) sec-Butylbenzene	13.594	105	302627	19.884	ug/l	99
82) p-Isopropyltoluene	13.706	119	246675	19.671	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	129435	18.755	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	130400	18.851	ug/l	100
85) n-Butylbenzene	14.035	91	244479	20.282	ug/l	99
86) Hexachloroethane	14.306	117	48957	19.220	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	123458	18.968	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	22211	19.028	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	67194	18.150	ug/l	97
90) Hexachlorobutadiene	15.470	225	27278	21.979	ug/l	92
91) Naphthalene	15.611	128	243183	17.843	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	67194	18.150	ug/l	97

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

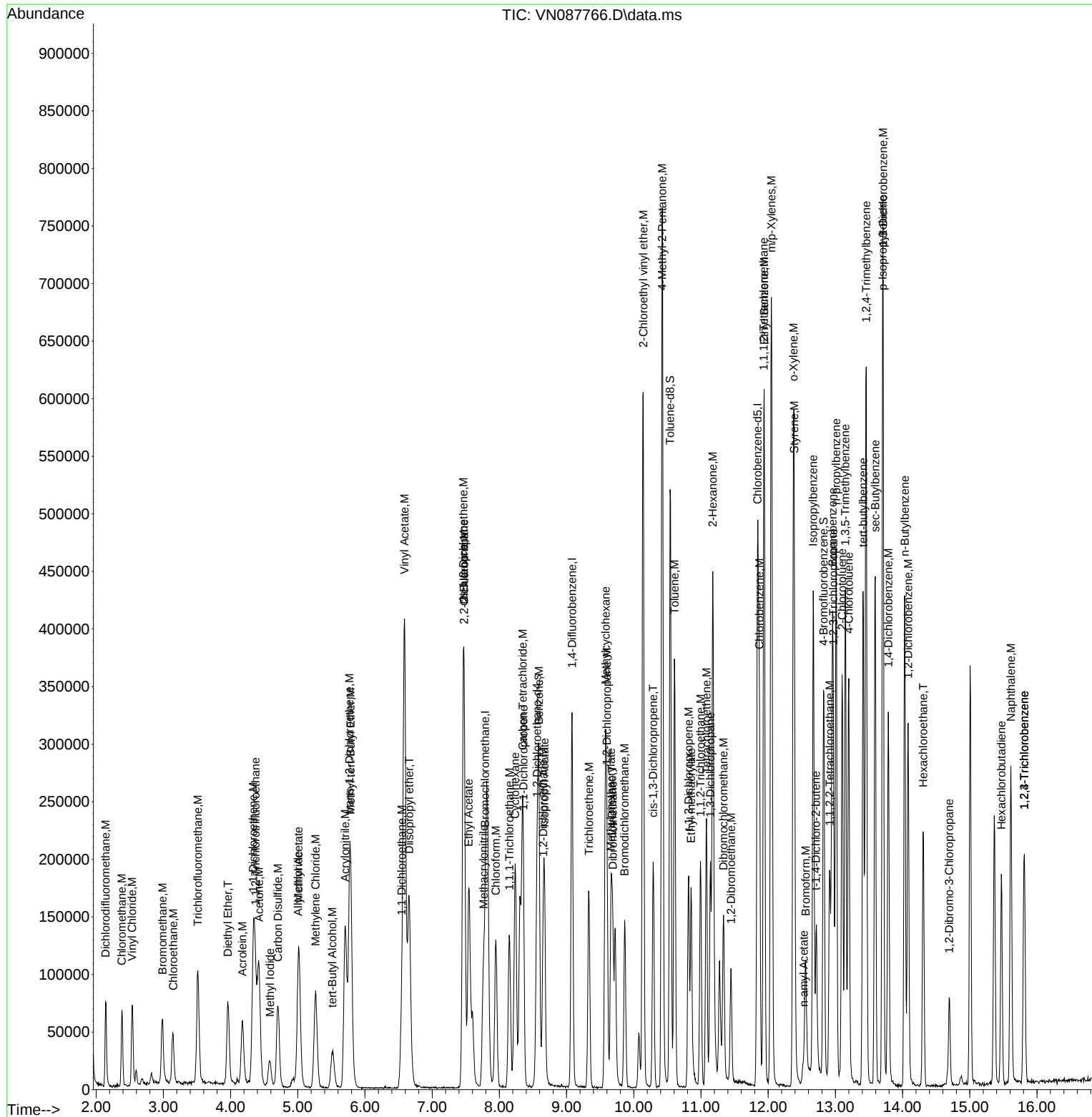
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
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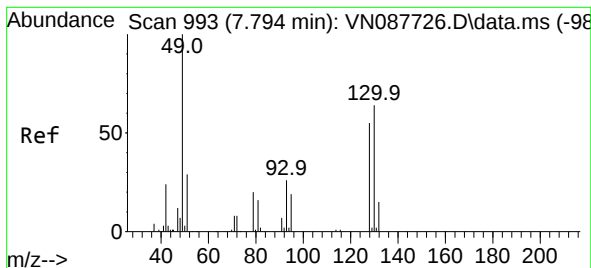
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

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

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.788 min Scan# 993

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

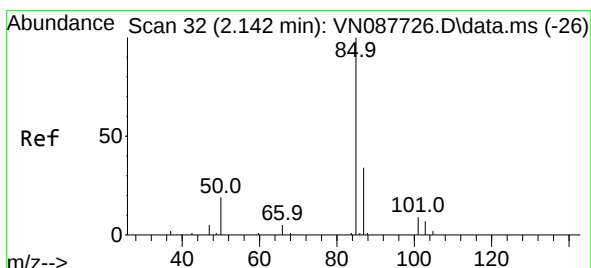
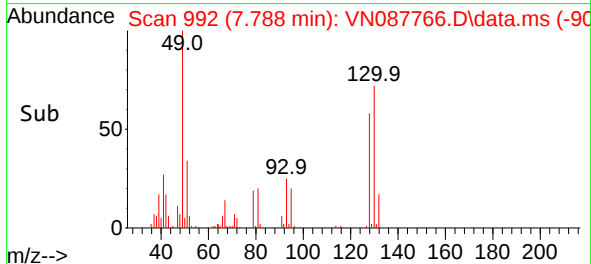
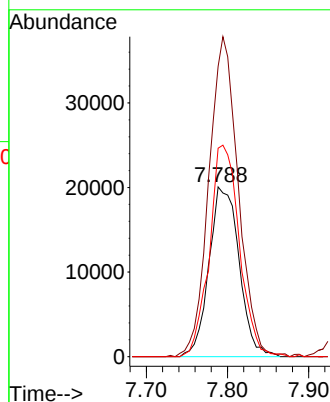
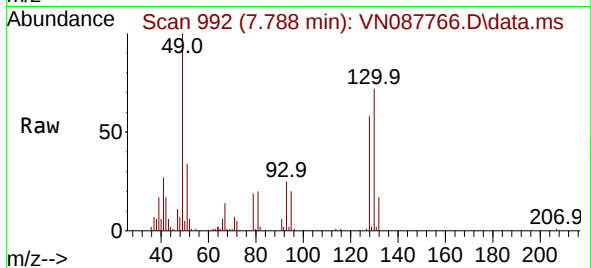
VN0909WBSD01

Tgt Ion:	128	Resp:	5176
Ion	Ratio	Lower	Upper
128	100		
49	183.7	0.0	464.3
130	123.8	0.0	300.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/10/2025



#2

Dichlorodifluoromethane

Concen: 20.119 ug/l

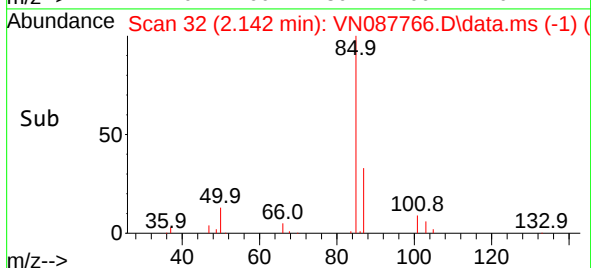
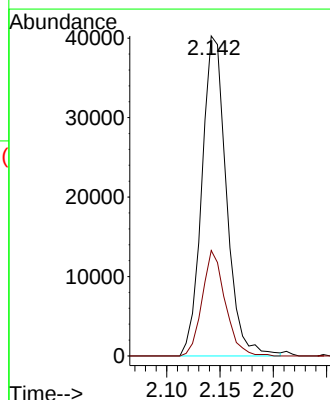
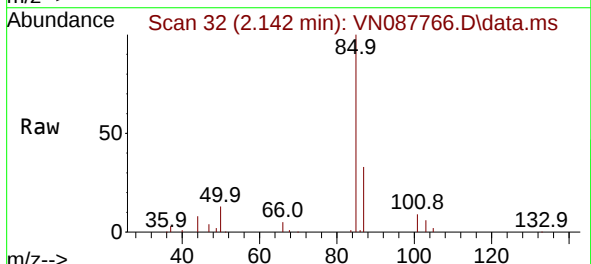
RT: 2.142 min Scan# 32

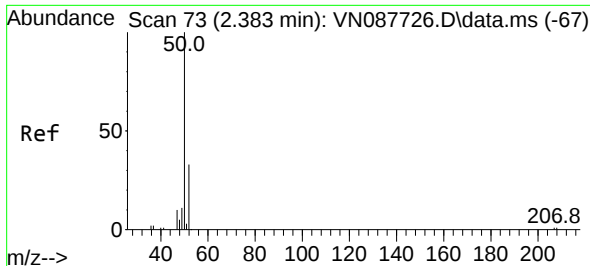
Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Tgt Ion:	85	Resp:	64729
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.8	50.4





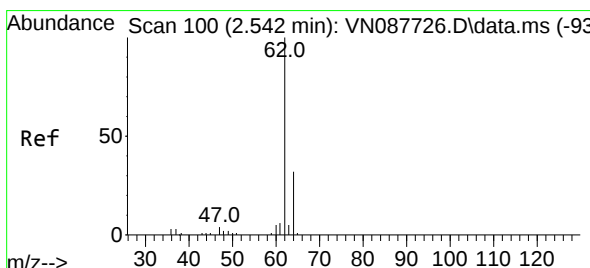
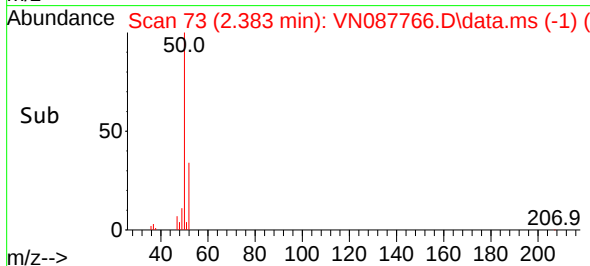
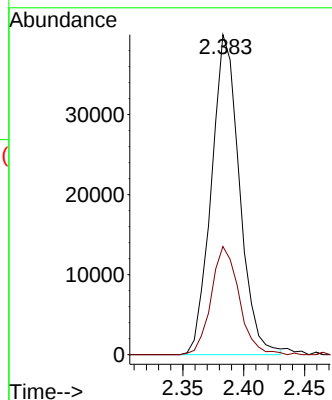
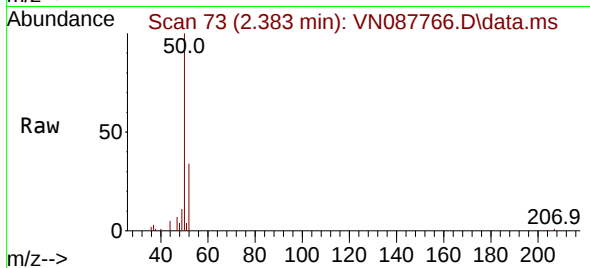
#3
Chloromethane
Concen: 18.999 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
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VN0909WBSD01

Tgt Ion: 50 Resp: 6416
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0

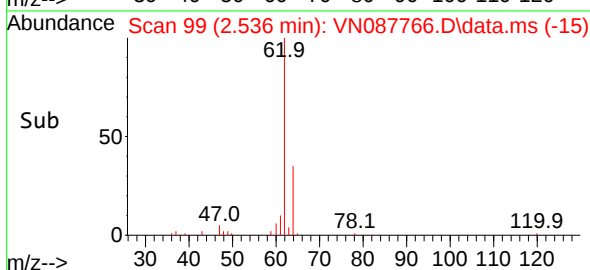
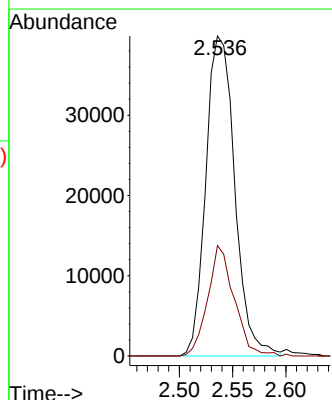
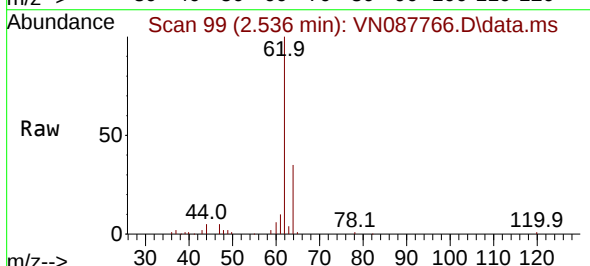
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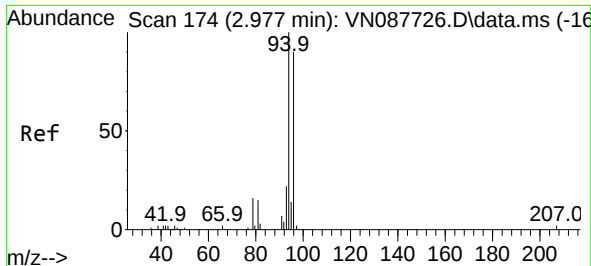
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#4
Vinyl Chloride
Concen: 19.750 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

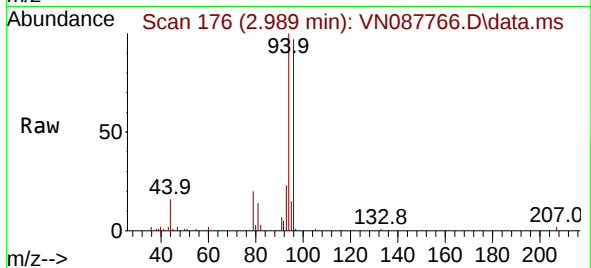
Tgt Ion: 62 Resp: 75403
Ion Ratio Lower Upper
62 100
64 34.5 25.5 38.3





#5
Bromomethane
Concen: 19.173 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

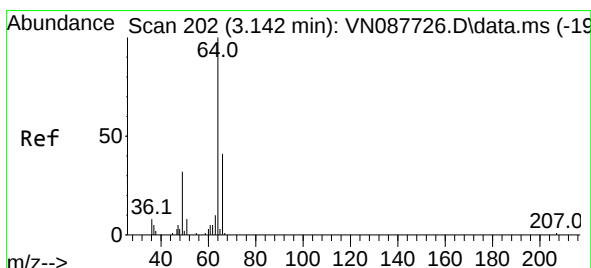
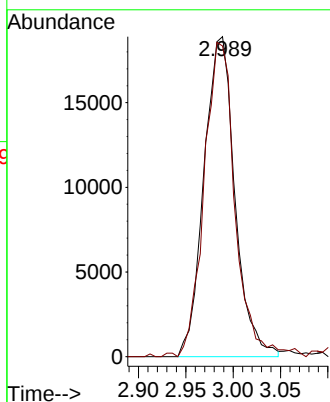
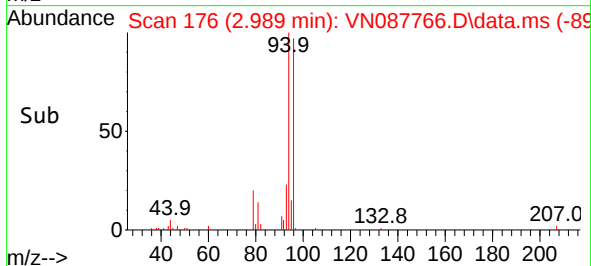
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Tgt Ion: 94 Resp: 4294
Ion Ratio Lower Upper
94 100
96 97.1 72.2 108.4

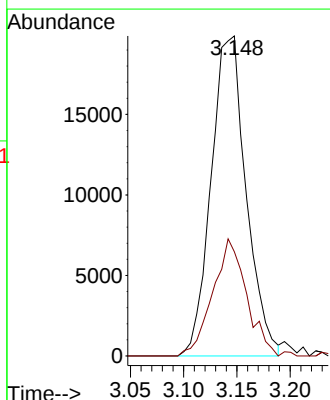
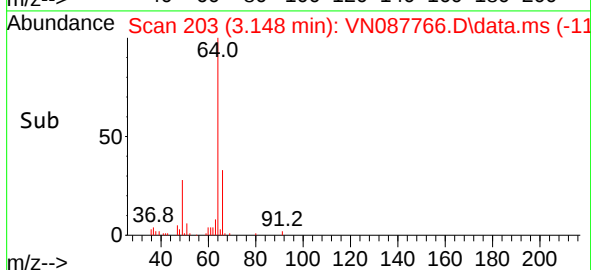
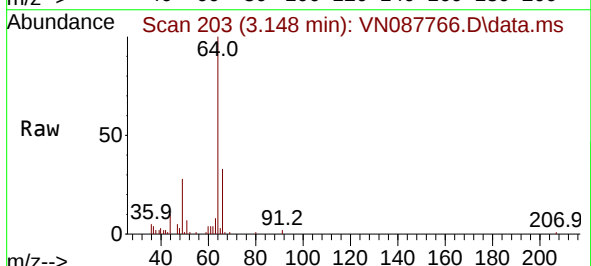
Manual Integrations
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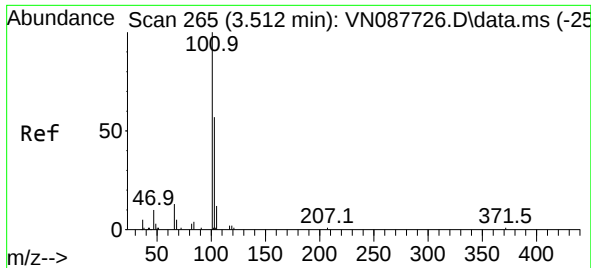
Reviewed By :Semsettin Yesilyurt 09/10/2025
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#6
Chloroethane
Concen: 17.421 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

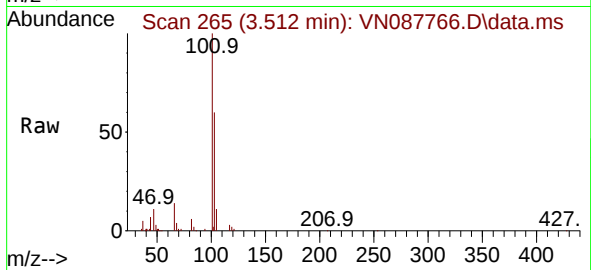
Tgt Ion: 64 Resp: 45456
Ion Ratio Lower Upper
64 100
66 32.5 32.8 49.2#





#7
Trichlorofluoromethane
Concen: 19.509 ug/l
RT: 3.512 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

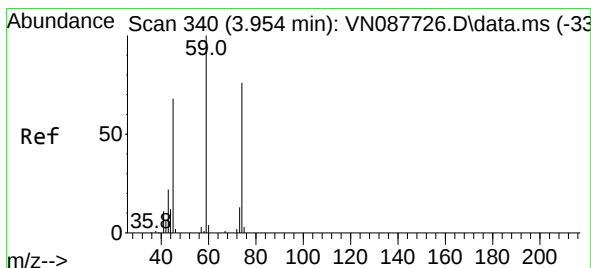
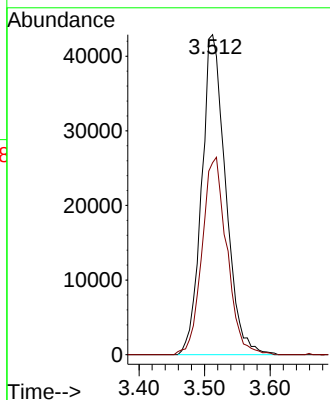
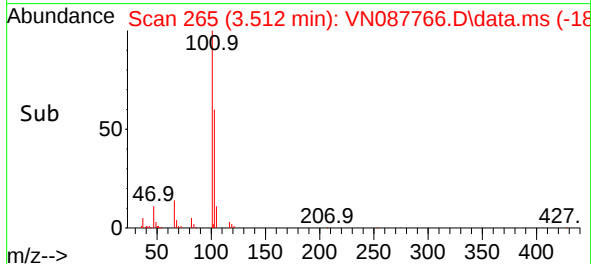
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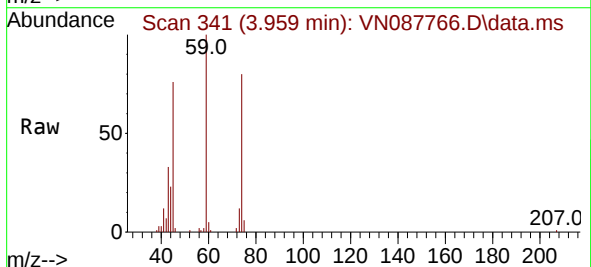
Tgt Ion:101 Resp: 10917
Ion Ratio Lower Upper
101 100
103 60.0 45.7 68.5

Manual Integrations
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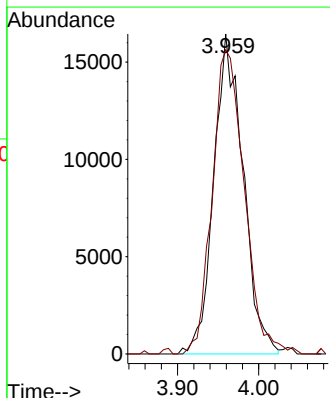
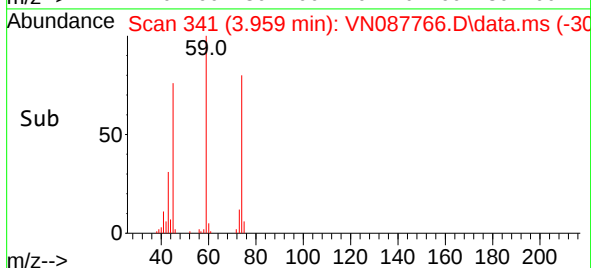
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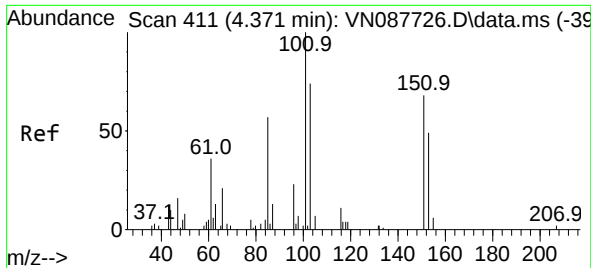


#8
Diethyl Ether
Concen: 17.494 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



Tgt Ion: 74 Resp: 41341
Ion Ratio Lower Upper
74 100
45 103.1 20.4 183.8





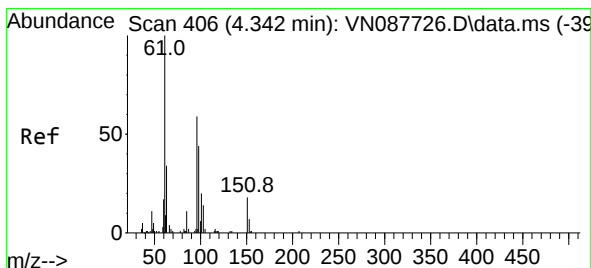
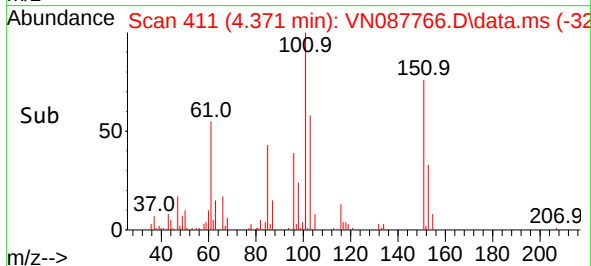
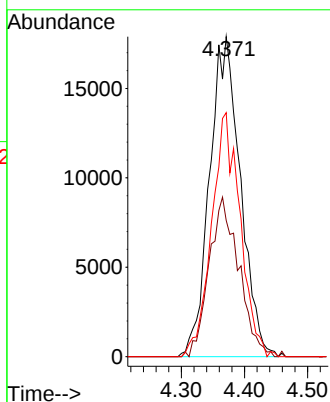
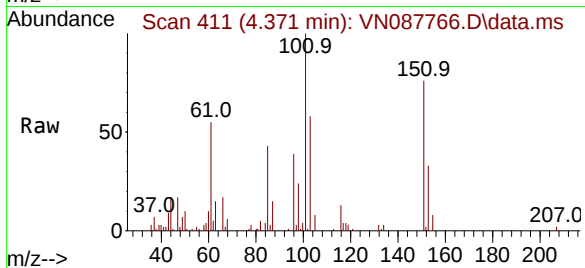
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.018 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.0	0.0	95.6
151	70.4	0.0	85.8

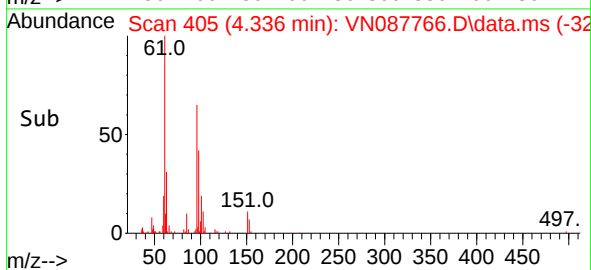
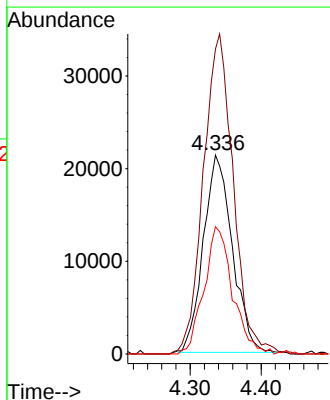
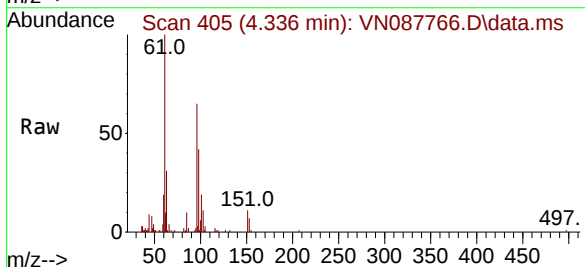
Manual Integrations
APPROVED

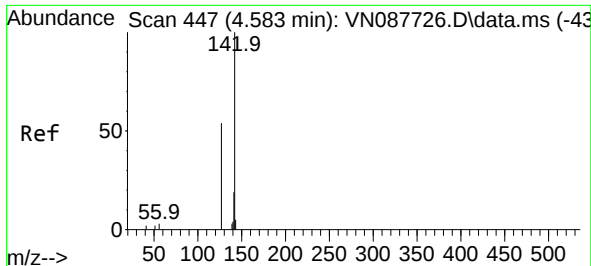
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#10
1,1-Dichloroethene
Concen: 19.338 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

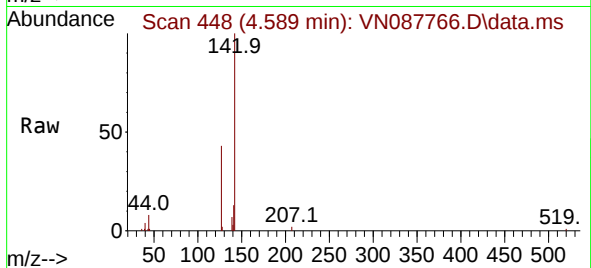
Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.3	135.9	203.9
98	64.5	59.2	88.8





#11
Methyl Iodide
Concen: 19.415 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

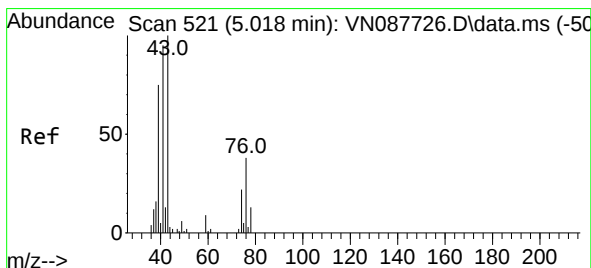
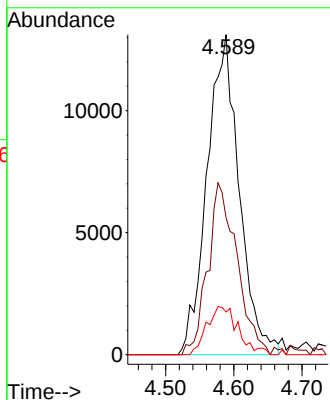
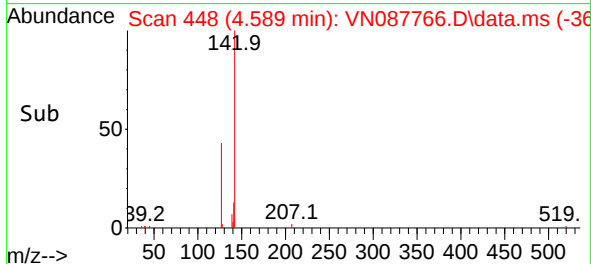
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion:142 Resp: 42948
Ion Ratio Lower Upper
142 100
127 42.8 27.9 83.7
141 13.6 9.6 28.8

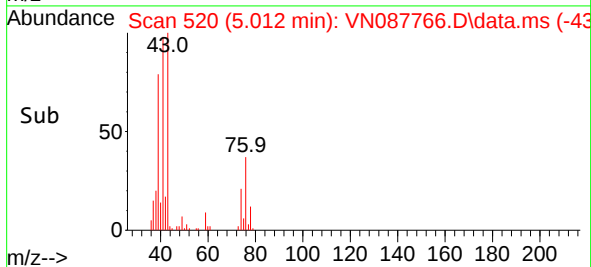
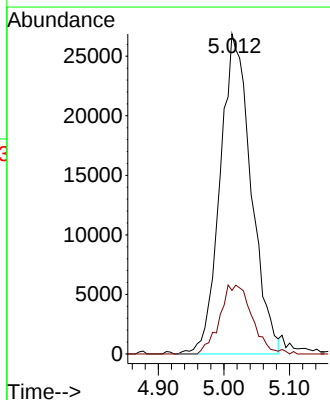
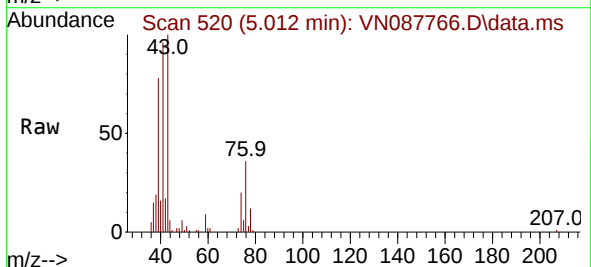
Manual Integrations
APPROVED

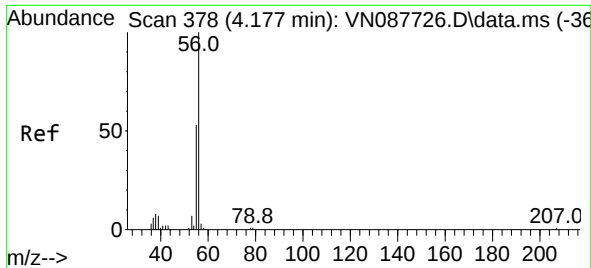
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#12
Methyl Acetate
Concen: 18.352 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

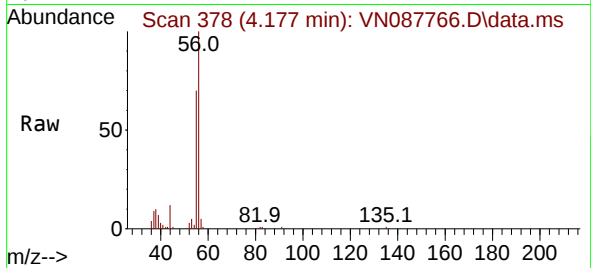
Tgt Ion: 43 Resp: 88410
Ion Ratio Lower Upper
43 100
74 19.9 17.5 26.3





#13
Acrolein
Concen: 80.664 ug/l m
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

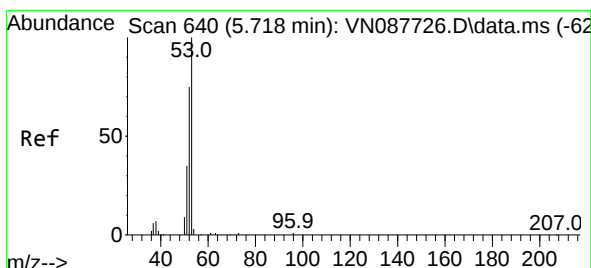
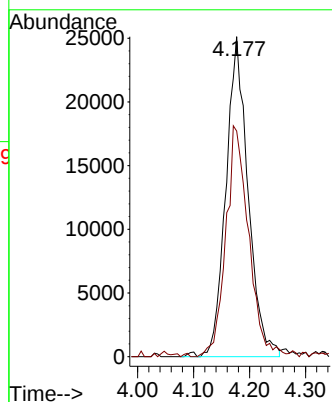
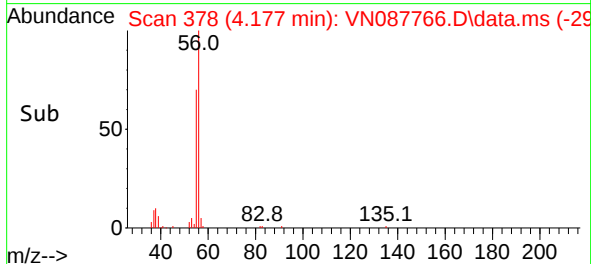
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



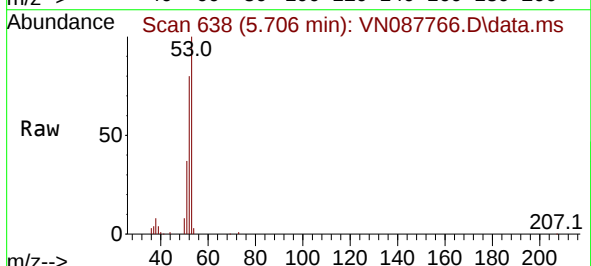
Tgt Ion: 56 Resp: 6918
Ion Ratio Lower Upper
56 100
55 0.5 28.6 42.8

Manual Integrations
APPROVED

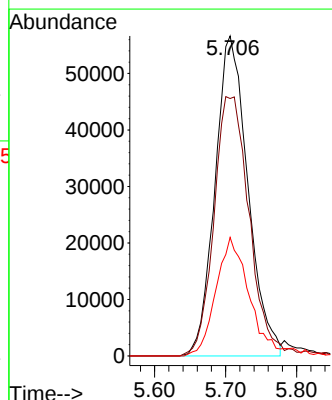
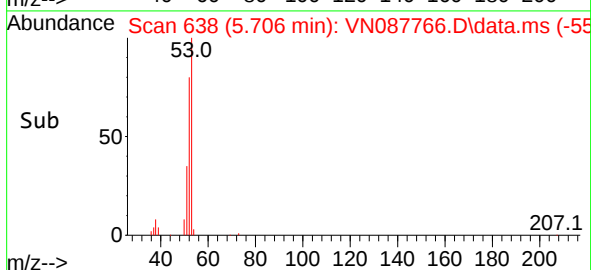
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

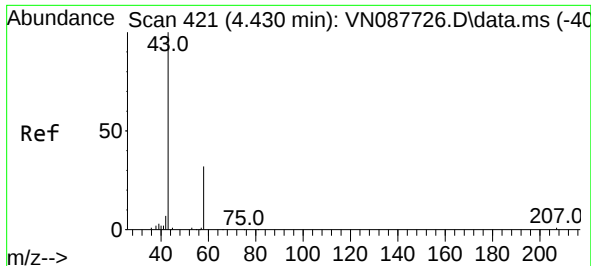


#14
Acrylonitrile
Concen: 87.700 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



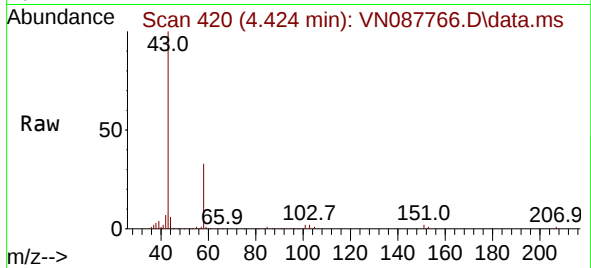
Tgt Ion: 53 Resp: 181848
Ion Ratio Lower Upper
53 100
52 86.3 40.9 122.7
51 37.0 18.1 54.1





#15
Acetone
Concen: 90.645 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

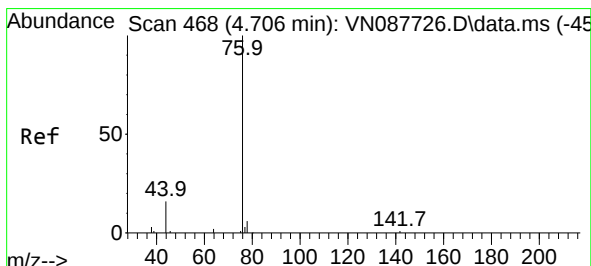
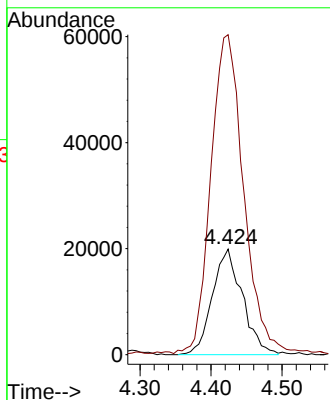
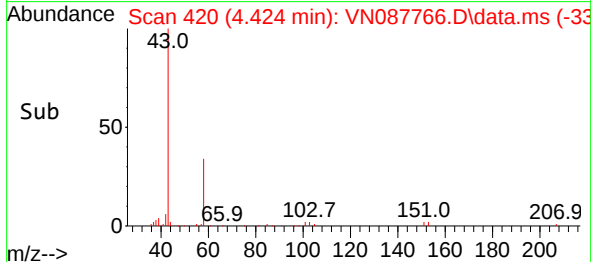
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 58 Resp: 58634
Ion Ratio Lower Upper
58 100
43 302.6 250.6 376.0

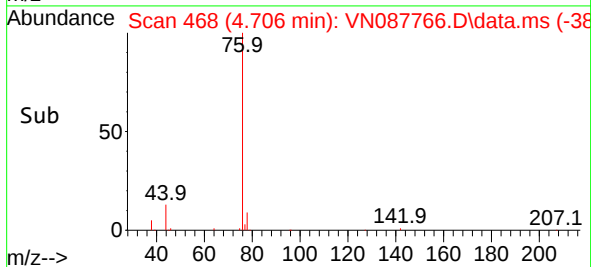
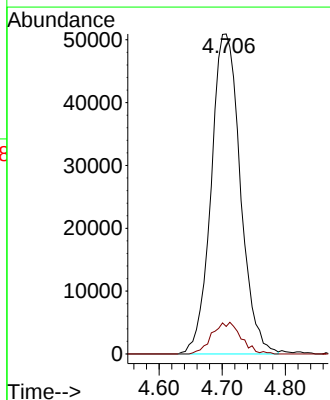
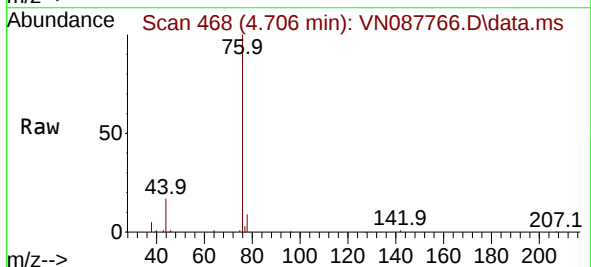
Manual Integrations
APPROVED

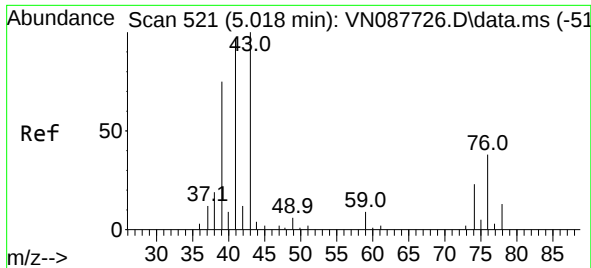
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#16
Carbon Disulfide
Concen: 19.035 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 76 Resp: 163326
Ion Ratio Lower Upper
76 100
78 8.6 5.0 7.6#





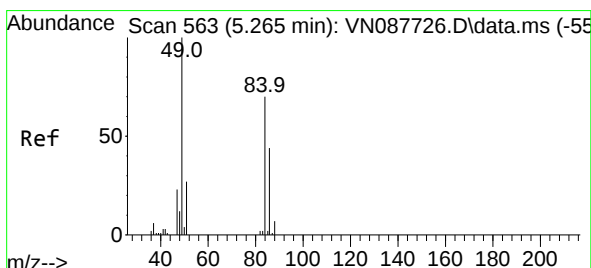
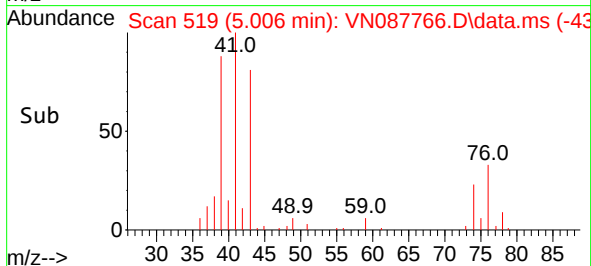
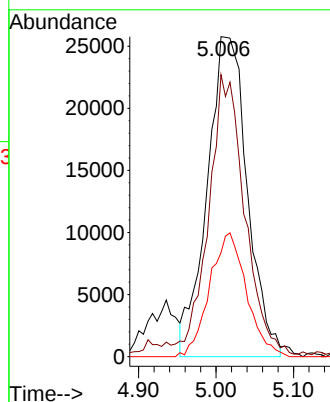
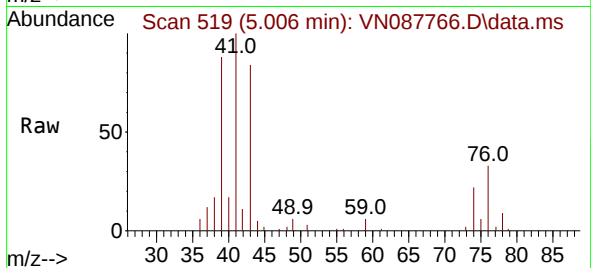
#17
 Allyl chloride
 Concen: 18.225 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.012 min
 Lab File: VN087766.D
 Acq: 09 Sep 2025 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tgt Ion: 41 Resp: 93020
 Ion Ratio Lower Upper
 41 100
 39 88.0 36.7 110.1
 76 32.2 18.3 54.8

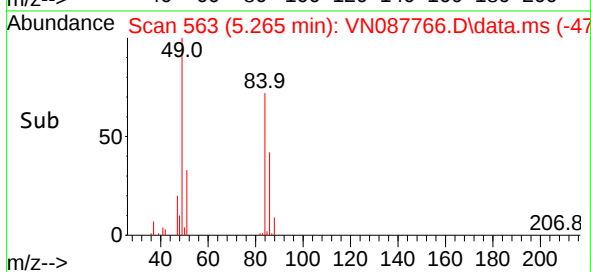
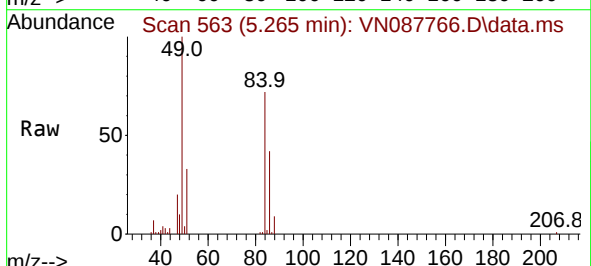
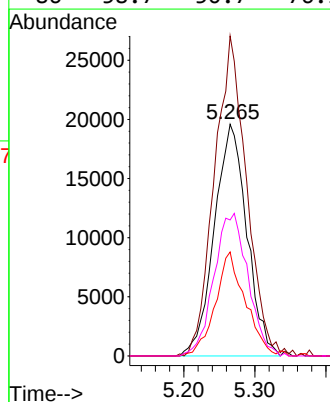
Manual Integrations
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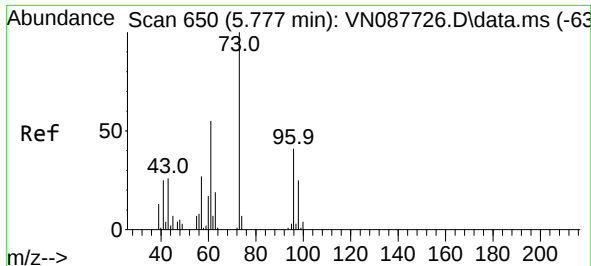
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025



#18
 Methylene Chloride
 Concen: 17.595 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087766.D
 Acq: 09 Sep 2025 10:20

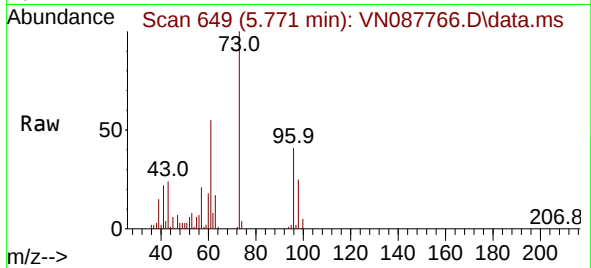
Tgt Ion: 84 Resp: 62285
 Ion Ratio Lower Upper
 84 100
 49 137.2 114.1 171.1
 51 44.9 30.2 45.4
 86 58.7 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 18.397 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

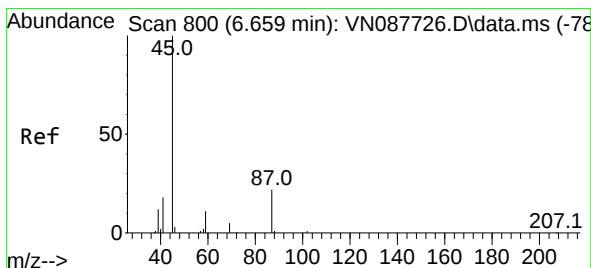
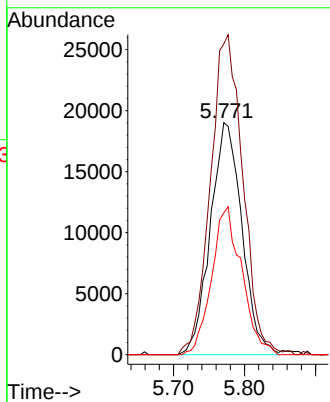
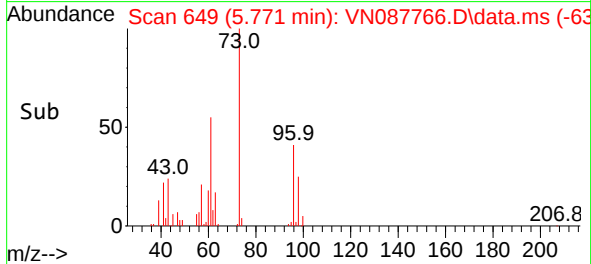
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



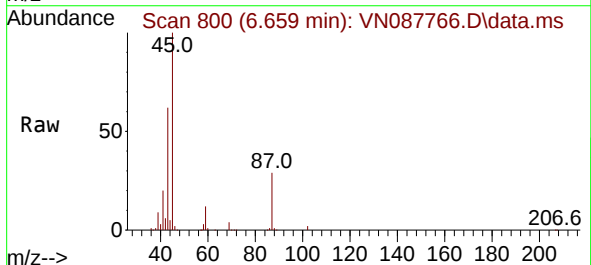
Tgt Ion: 96 Resp: 58630
Ion Ratio Lower Upper
96 100
61 134.0 106.4 159.6
98 61.2 48.9 73.3

Manual Integrations
APPROVED

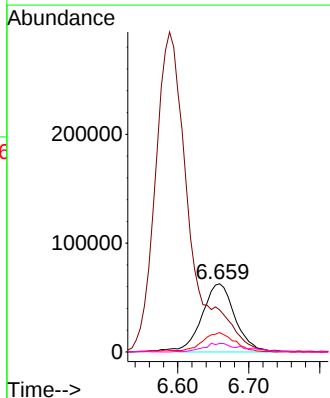
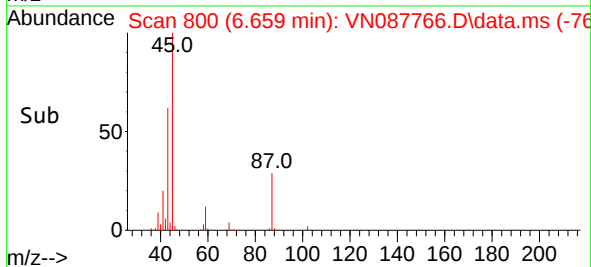
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

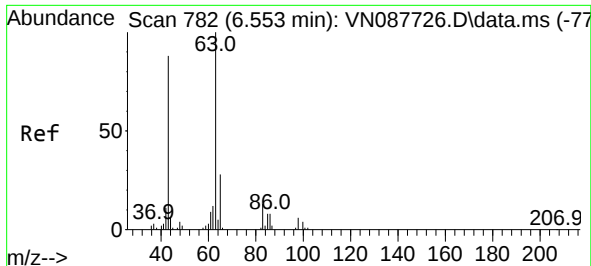


#20
Diisopropyl ether
Concen: 16.972 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



Tgt Ion: 45 Resp: 199214
Ion Ratio Lower Upper
45 100
43 60.4 49.5 74.3
87 28.7 18.8 28.2#
59 11.8 8.6 13.0





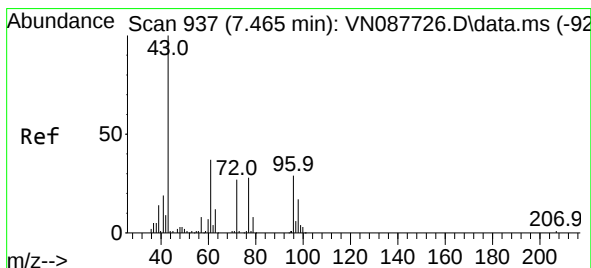
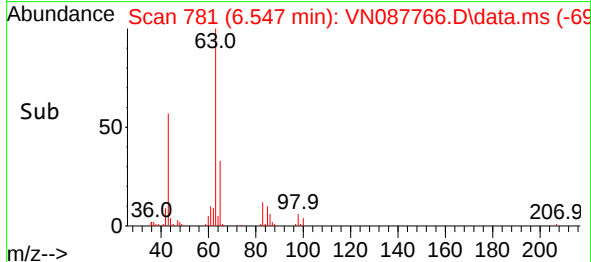
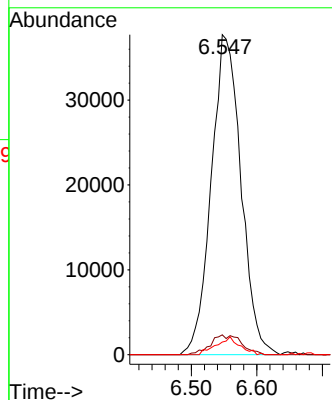
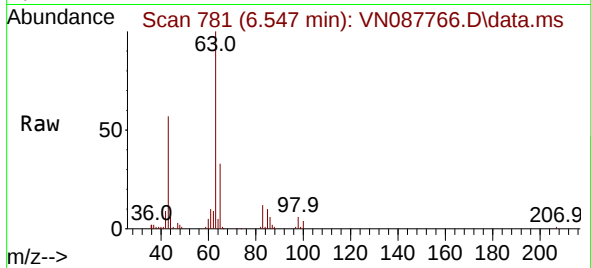
#21
1,1-Dichloroethane
Concen: 18.442 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 63 Resp: 118539
Ion Ratio Lower Upper
63 100
98 6.2 2.9 8.8
100 4.0 1.8 5.3

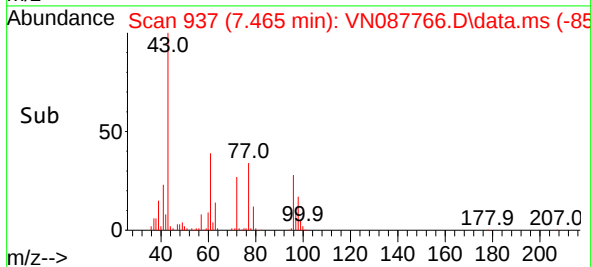
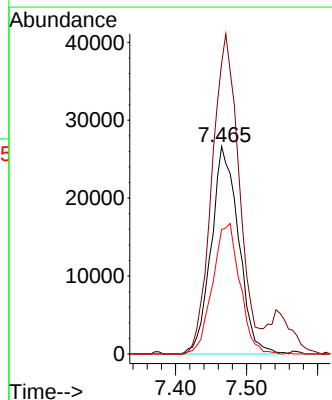
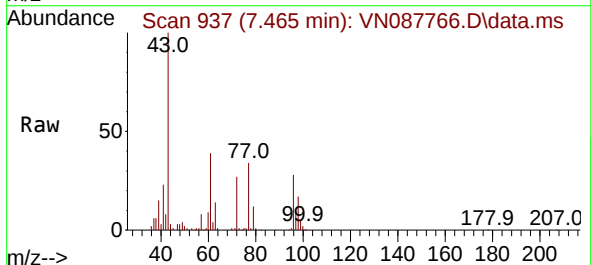
Manual Integrations
APPROVED

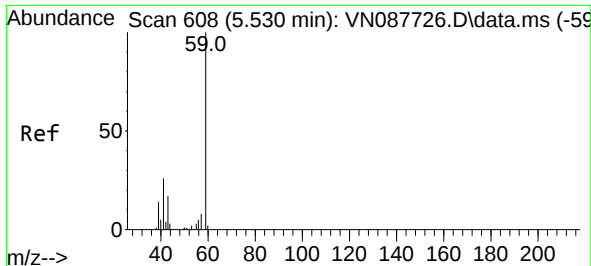
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#22
cis-1,2-Dichloroethene
Concen: 18.402 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

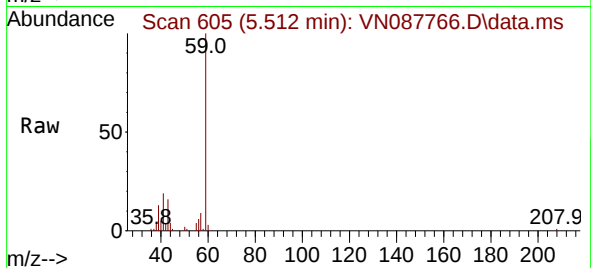
Tgt Ion: 96 Resp: 71189
Ion Ratio Lower Upper
96 100
61 152.4 118.2 177.2
98 62.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 80.586 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

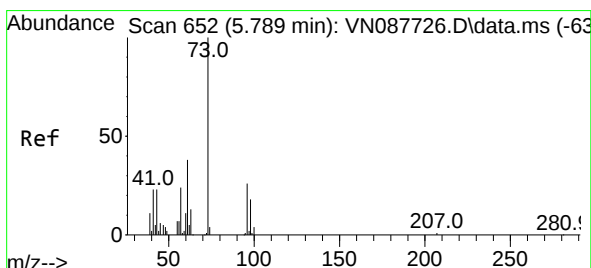
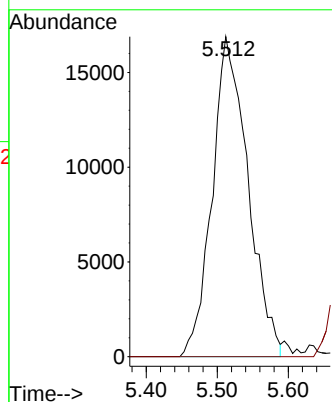
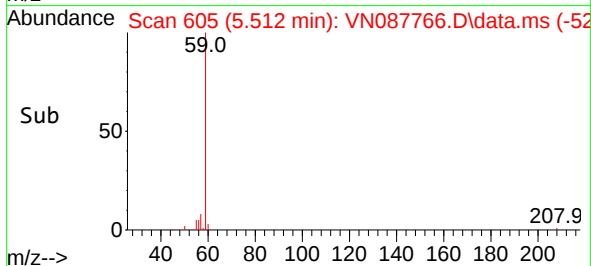
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



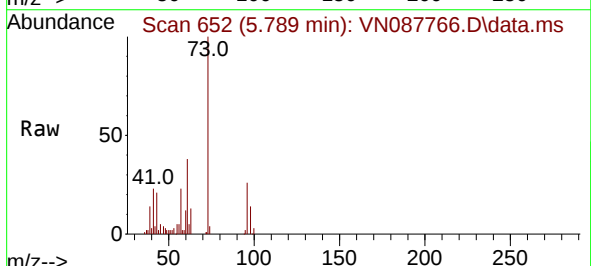
Tgt Ion: 59 Resp: 59068
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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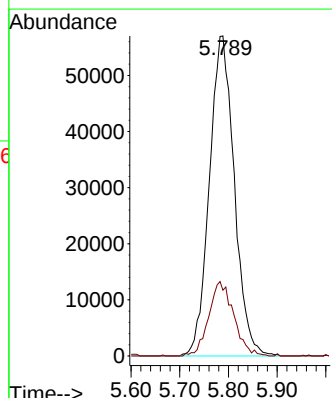
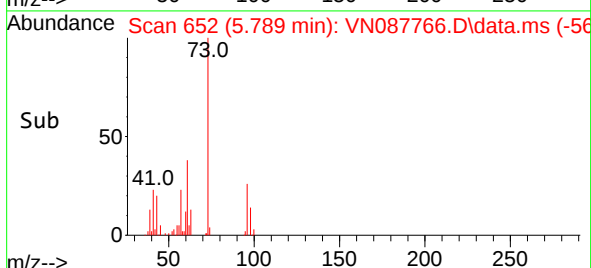
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

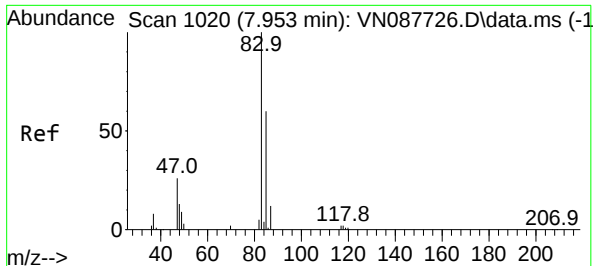


#24
Methyl tert-Butyl Ether
Concen: 18.179 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



Tgt Ion: 73 Resp: 202818
Ion Ratio Lower Upper
73 100
43 23.3 16.8 25.2





#25

Chloroform

Concen: 18.122 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 83 Resp: 121930

Ion Ratio Lower Upper

83 100

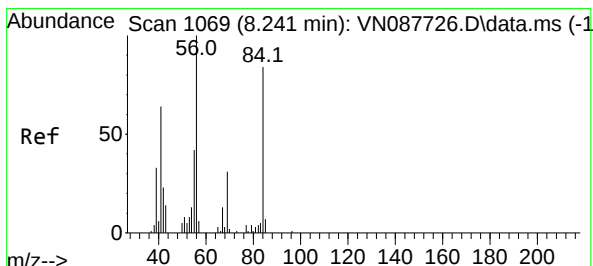
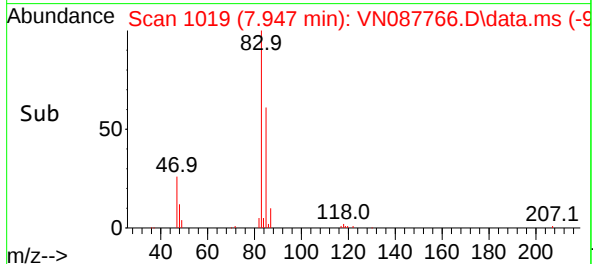
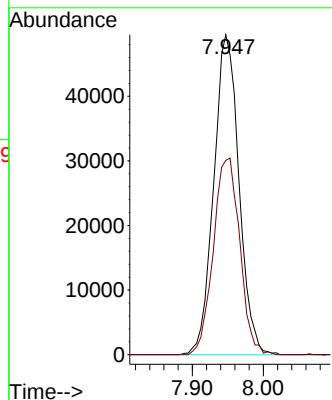
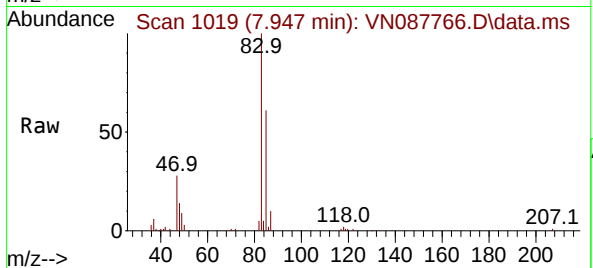
85 60.7 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#26

Cyclohexane

Concen: 19.257 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

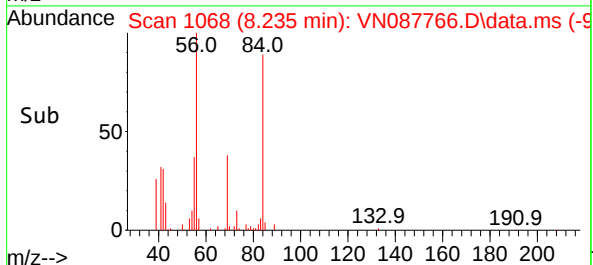
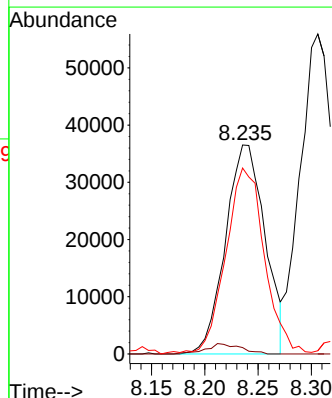
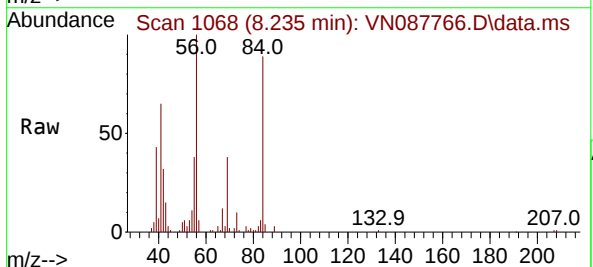
Tgt Ion: 56 Resp: 94264

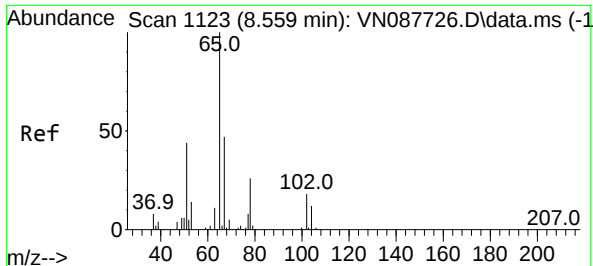
Ion Ratio Lower Upper

56 100

89 4.2 0.0 0.0#

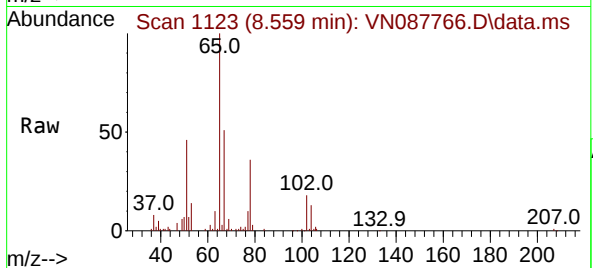
84 87.1 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 29.783 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

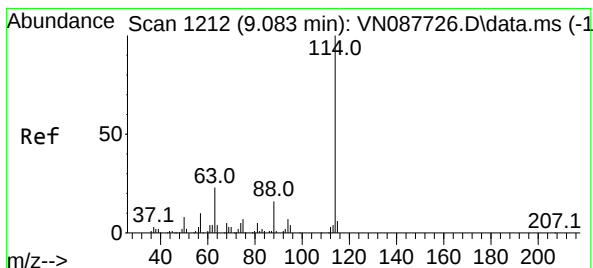
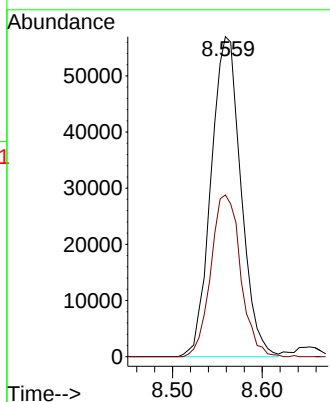
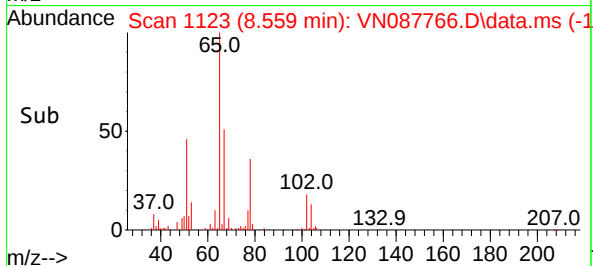
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



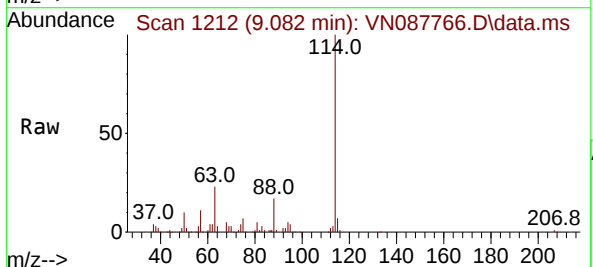
Tgt Ion: 65 Resp: 131699
Ion Ratio Lower Upper
65 100
67 50.3 39.6 59.4

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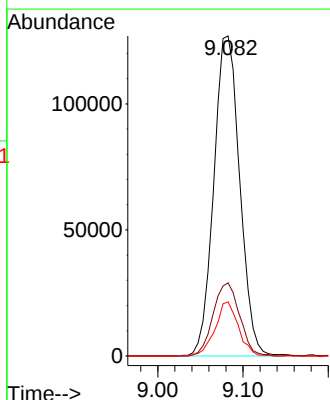
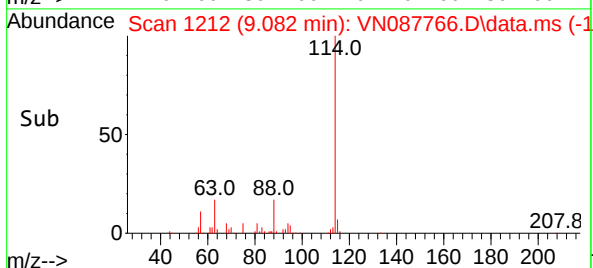
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

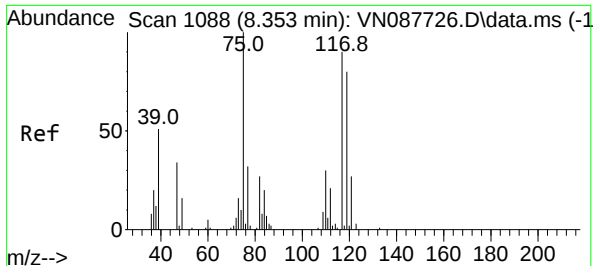


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



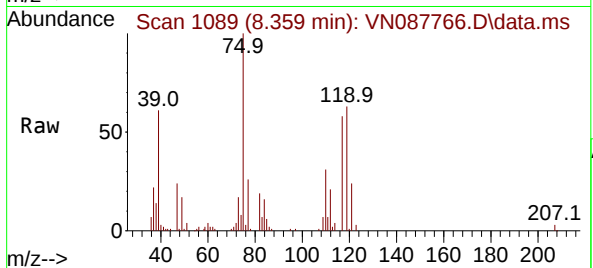
Tgt Ion:114 Resp: 268313
Ion Ratio Lower Upper
114 100
63 23.2 18.3 27.5
88 15.3 12.4 18.6





#29
1,1-Dichloropropene
Concen: 18.602 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

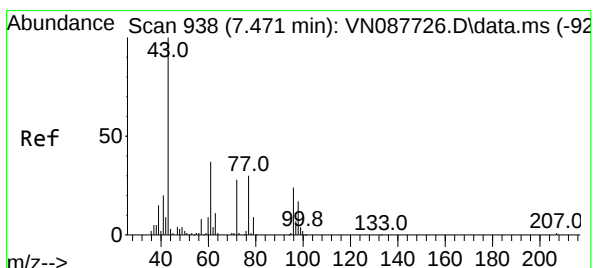
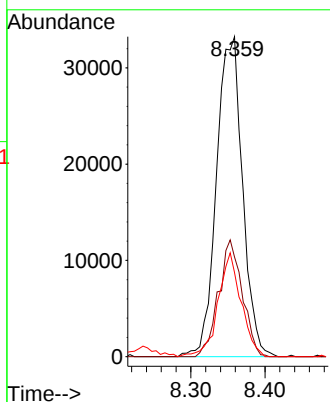
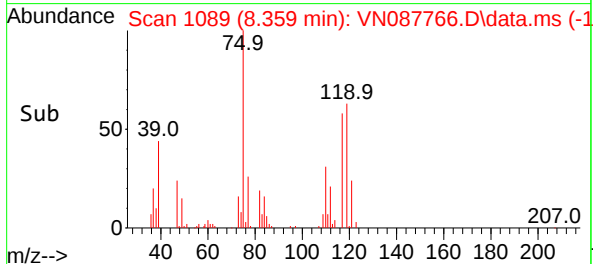
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 75 Resp: 8111
Ion Ratio Lower Upper
75 100
110 33.3 0.0 64.4
77 28.8 0.0 62.2

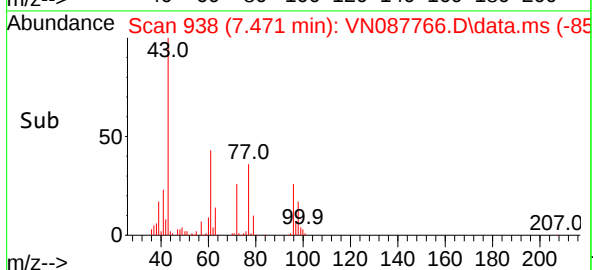
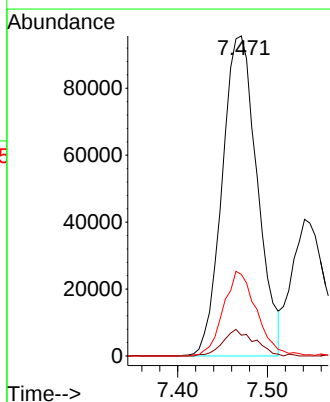
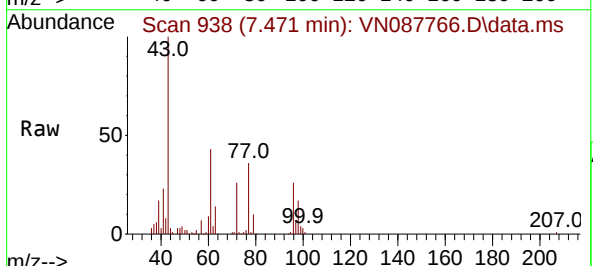
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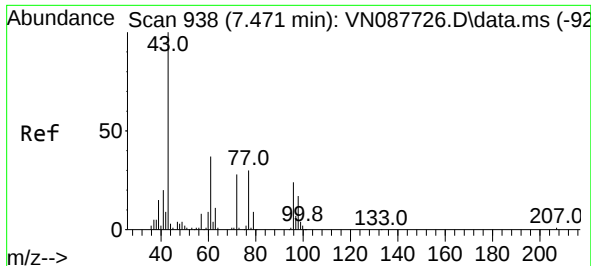
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#30
2-Butanone
Concen: 86.537 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 43 Resp: 259945
Ion Ratio Lower Upper
43 100
57 7.5 6.3 9.5
72 24.8 21.4 32.2





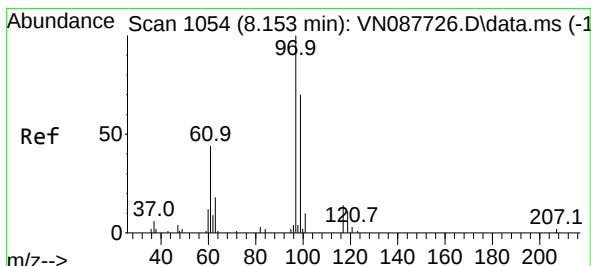
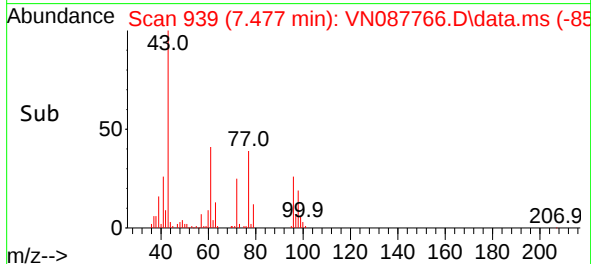
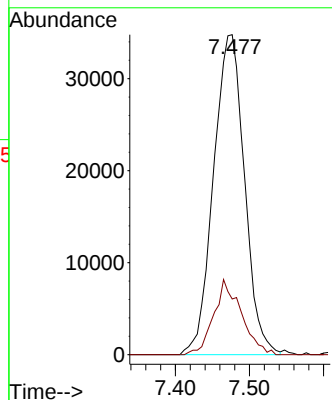
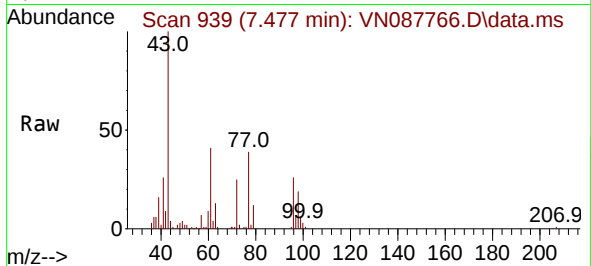
#31
2,2-Dichloropropane
Concen: 19.224 ug/l
RT: 7.477 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 77 Resp: 101053
Ion Ratio Lower Upper
77 100
97 21.0 17.1 25.7

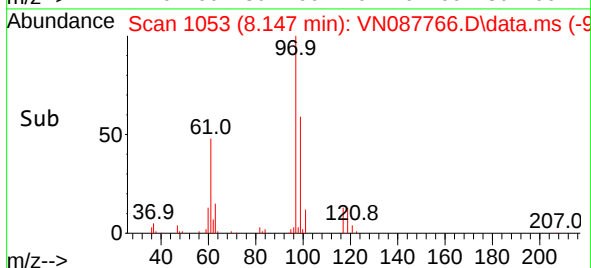
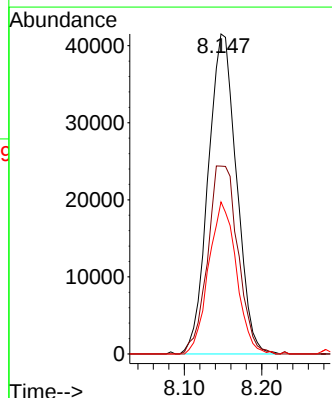
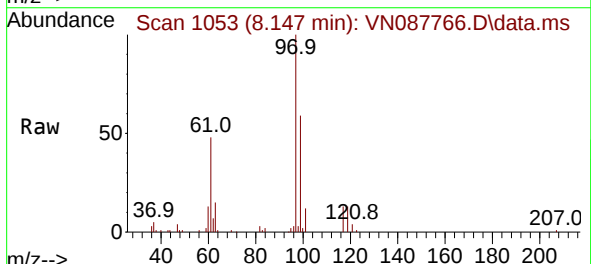
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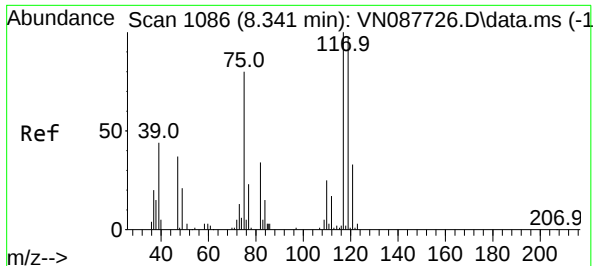
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#32
1,1,1-Trichloroethane
Concen: 19.111 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

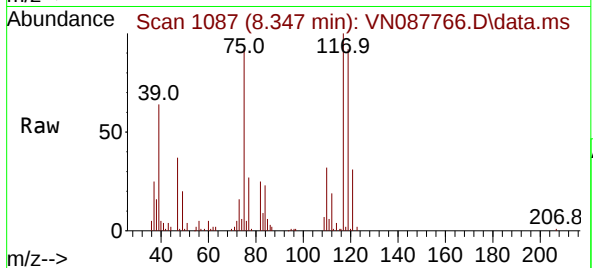
Tgt Ion: 97 Resp: 105653
Ion Ratio Lower Upper
97 100
99 62.8 52.2 78.4
61 46.5 37.9 56.9





#33
Carbon Tetrachloride
Concen: 18.820 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

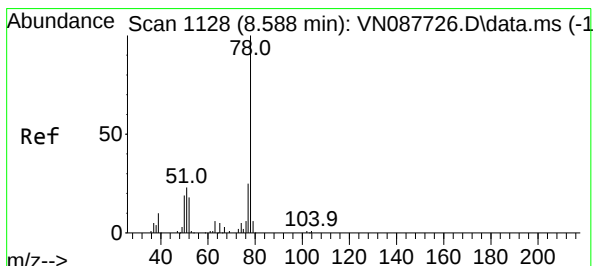
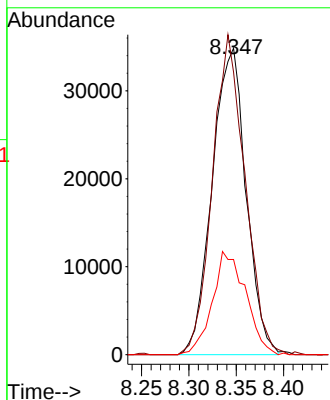
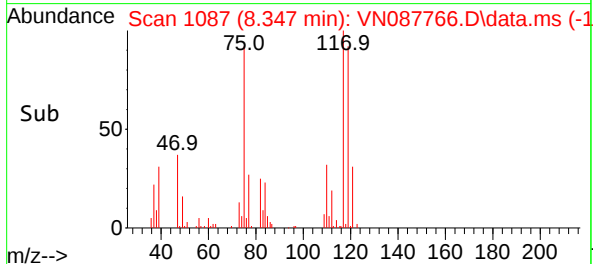
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 117 Resp: 86752
Ion Ratio Lower Upper
117 100
119 92.2 77.3 115.9
121 31.0 26.6 39.8

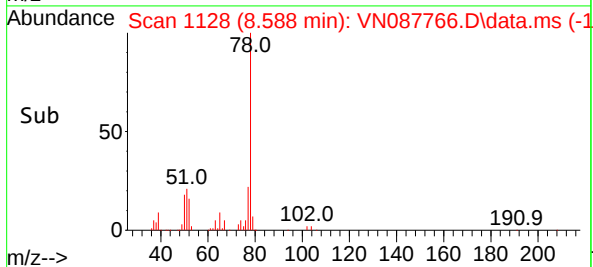
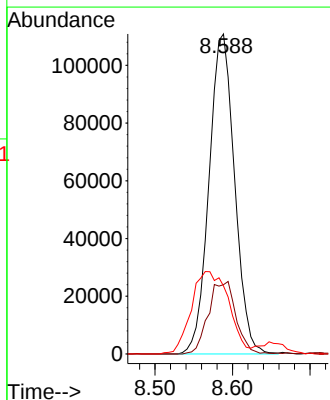
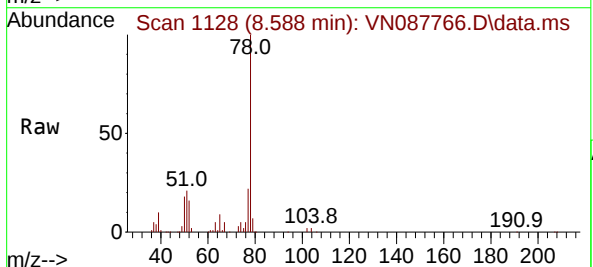
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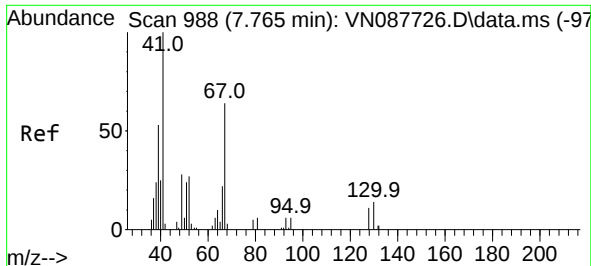
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#34
Benzene
Concen: 18.046 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

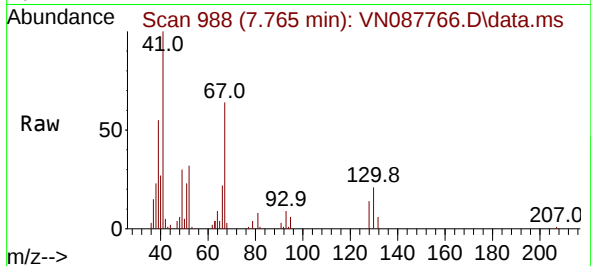
Tgt Ion: 78 Resp: 254322
Ion Ratio Lower Upper
78 100
77 21.7 20.3 30.5
51 18.3 18.0 27.0





#35
Methacrylonitrile
Concen: 17.973 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

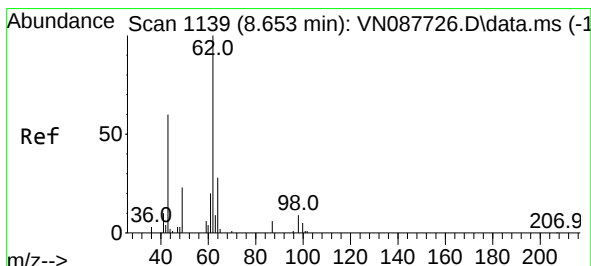
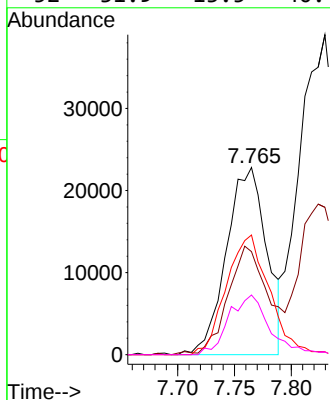
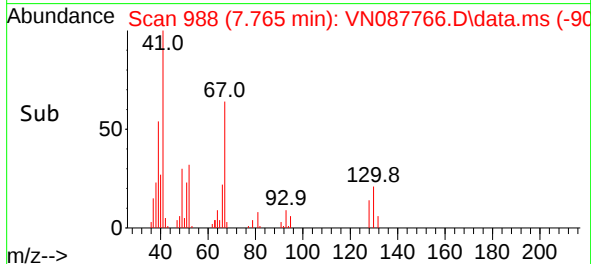
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion:	41	Resp:	56470
Ion Ratio	100	Lower	Upper
41	100		
39	54.1	27.1	81.2
67	63.9	32.1	96.5
52	31.9	13.5	40.4

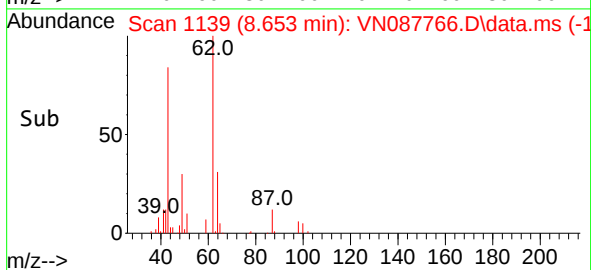
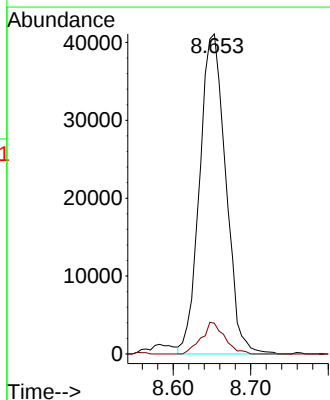
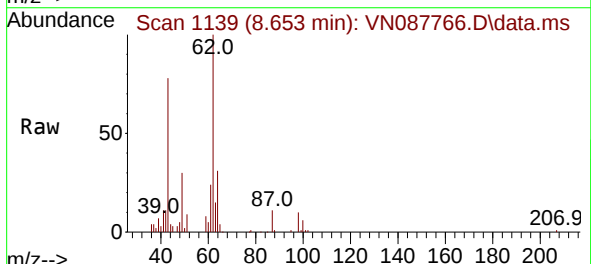
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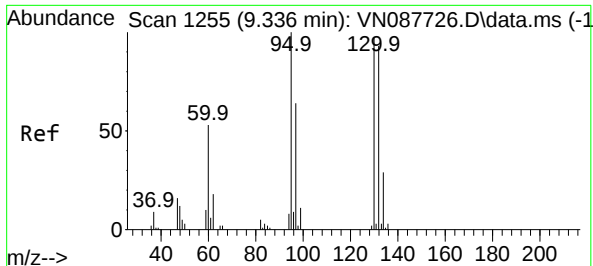
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#36
1,2-Dichloroethane
Concen: 18.078 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

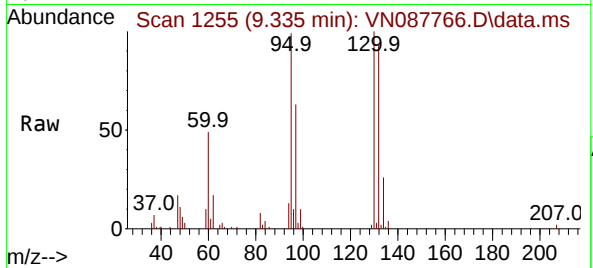
Tgt Ion:	62	Resp:	96235
Ion Ratio	100	Lower	Upper
62	100		
98	8.5	7.2	10.8





#37
Trichloroethene
Concen: 19.104 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

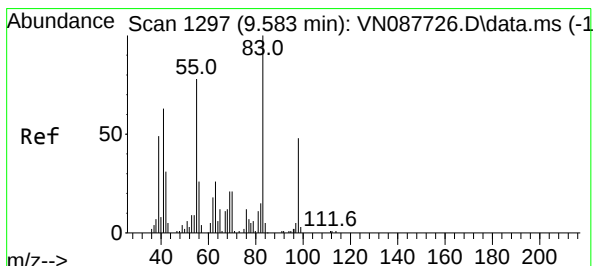
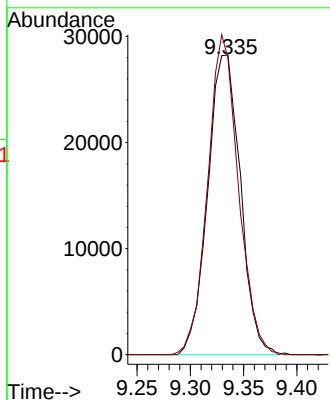
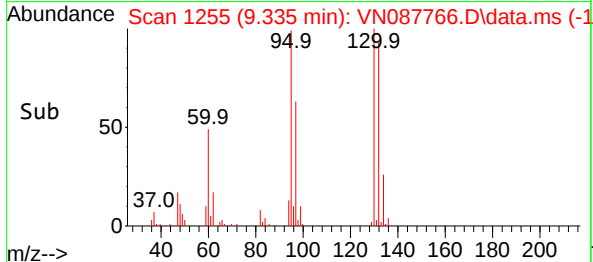
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion:130 Resp: 60184
Ion Ratio Lower Upper
130 100
95 98.2 82.7 124.1

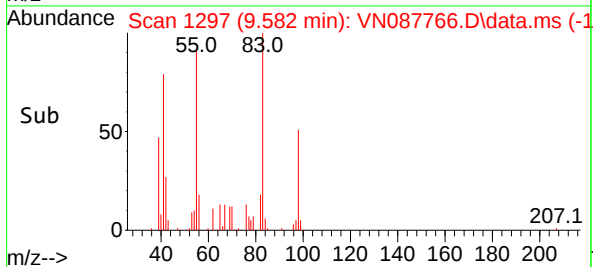
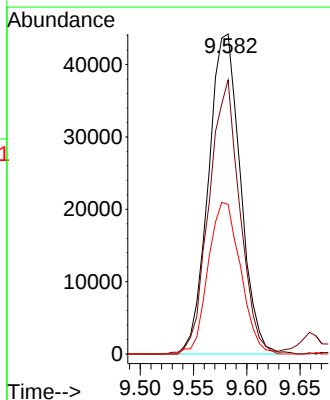
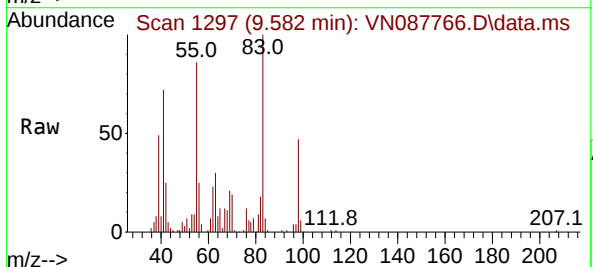
Manual Integrations
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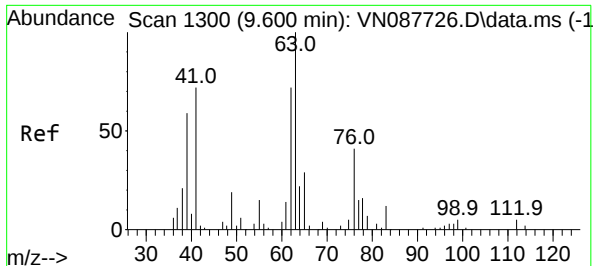
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#38
Methylcyclohexane
Concen: 19.206 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 83 Resp: 92215
Ion Ratio Lower Upper
83 100
55 82.2 40.4 121.1
98 47.8 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.218 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 63 Resp: 6575

Ion Ratio Lower Upper

63 100

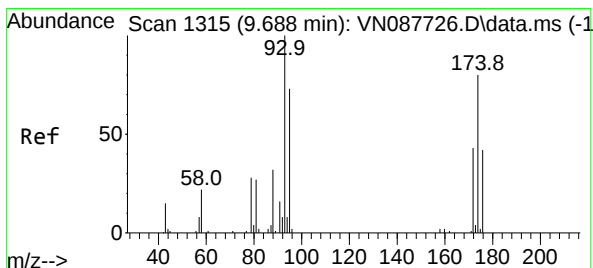
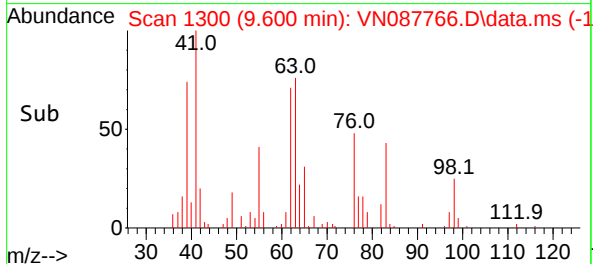
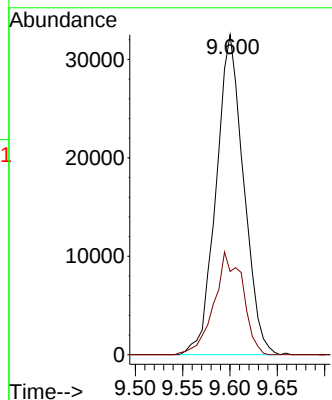
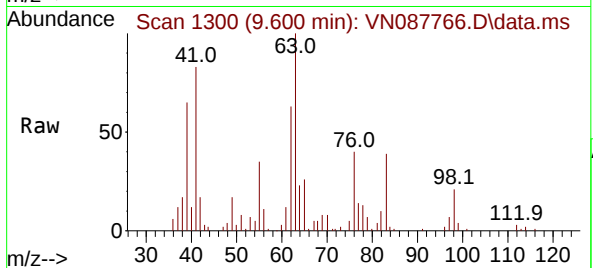
65 26.0 24.1 36.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#40

Dibromomethane

Concen: 17.667 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

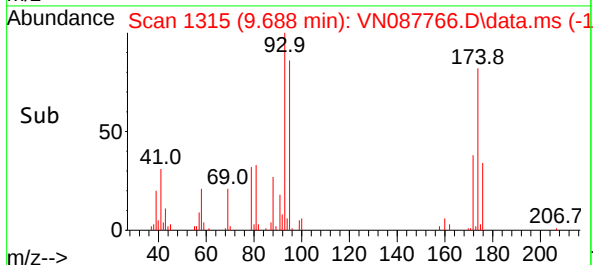
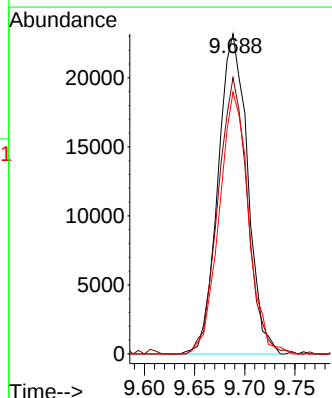
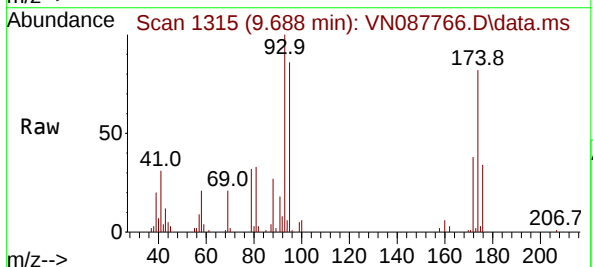
Tgt Ion: 93 Resp: 47457

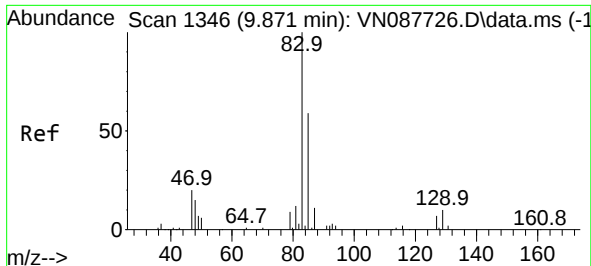
Ion Ratio Lower Upper

93 100

95 86.3 0.0 168.4

174 80.7 0.0 162.8





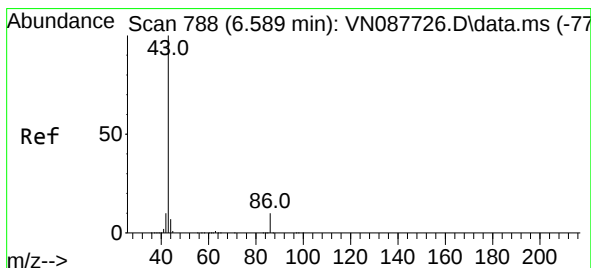
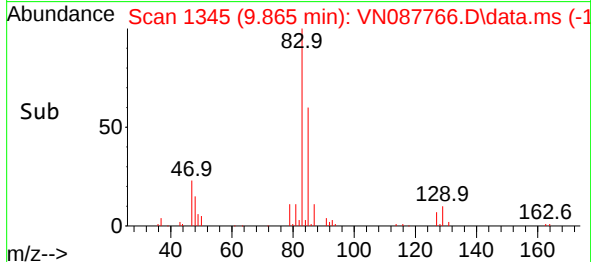
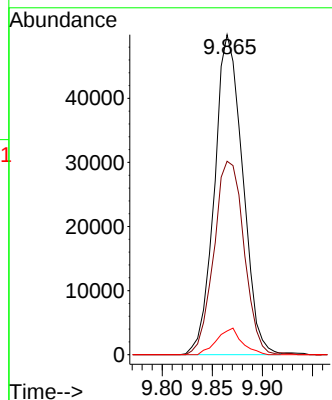
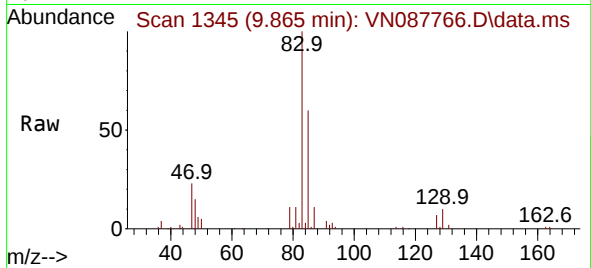
#41
Bromodichloromethane
Concen: 17.780 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 83 Resp: 97614
Ion Ratio Lower Upper
83 100
85 60.4 47.3 70.9
127 7.4 5.2 7.8

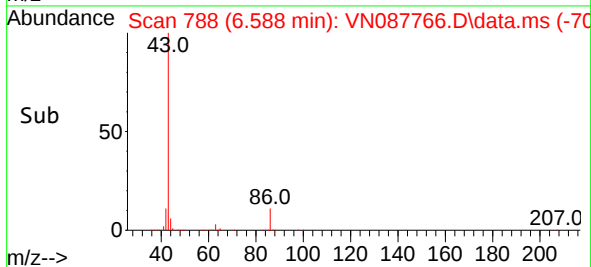
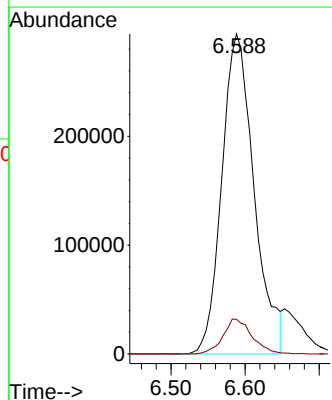
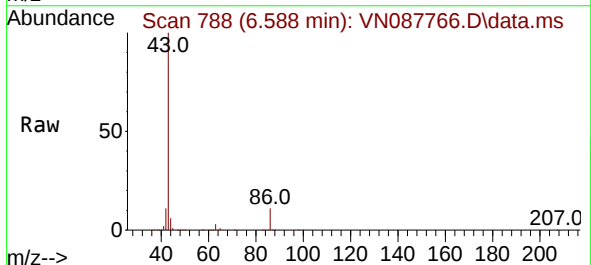
Manual Integrations
APPROVED

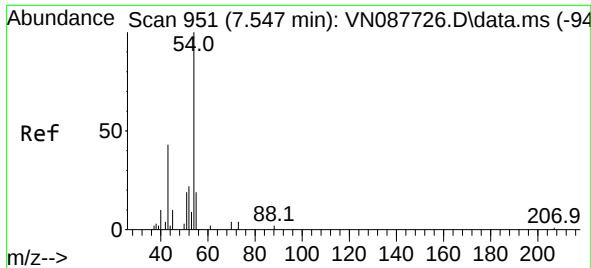
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#42
Vinyl Acetate
Concen: 88.636 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

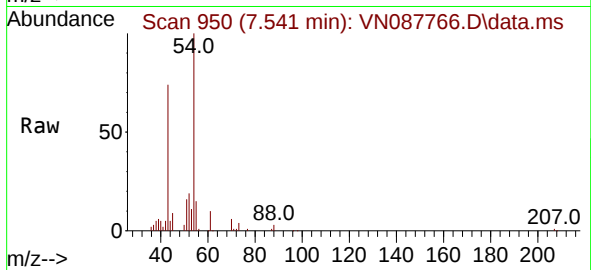
Tgt Ion: 43 Resp: 889594
Ion Ratio Lower Upper
43 100
86 9.9 7.7 11.5





#43
Ethyl Acetate
Concen: 18.028 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

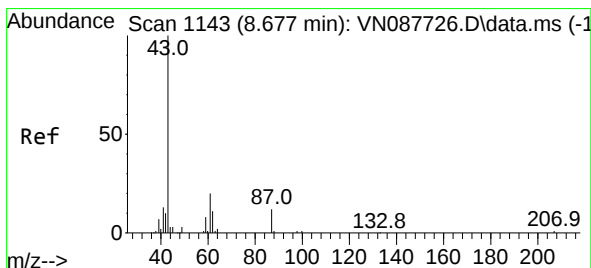
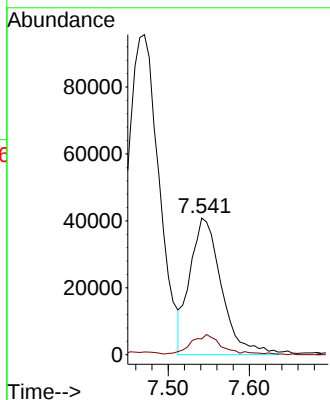
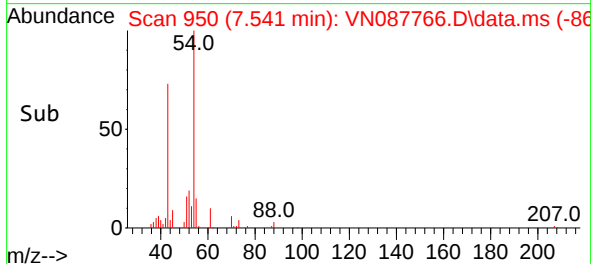
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 43 Resp: 11064
Ion Ratio Lower Upper
43 100
45 13.5 10.5 15.7

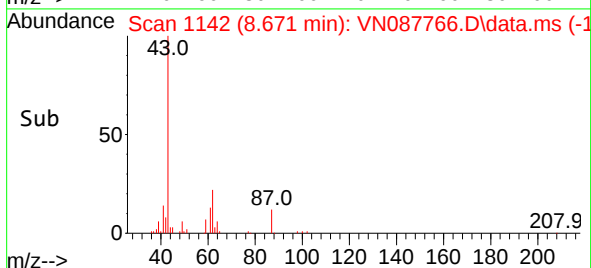
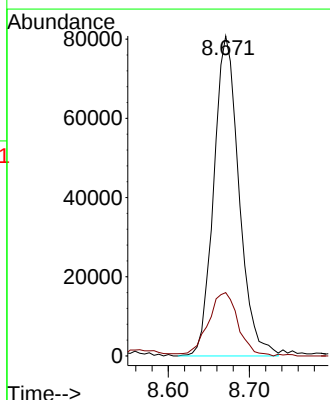
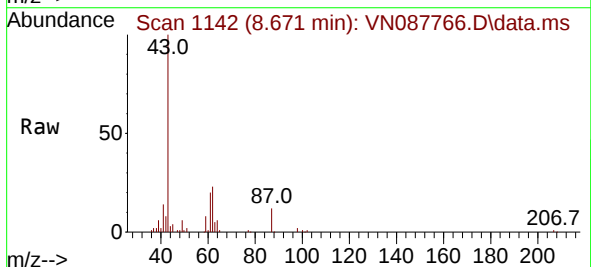
Manual Integrations
APPROVED

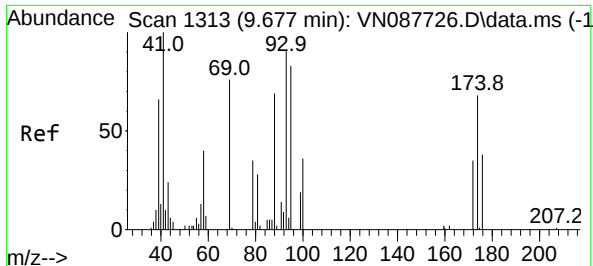
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#44
Isopropyl Acetate
Concen: 18.143 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 43 Resp: 174555
Ion Ratio Lower Upper
43 100
61 23.4 19.5 29.3





#45

1,4-Dioxane

Concen: 315.174 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

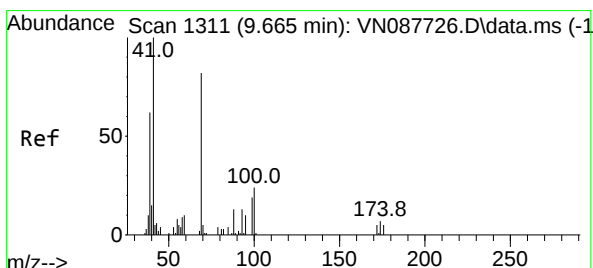
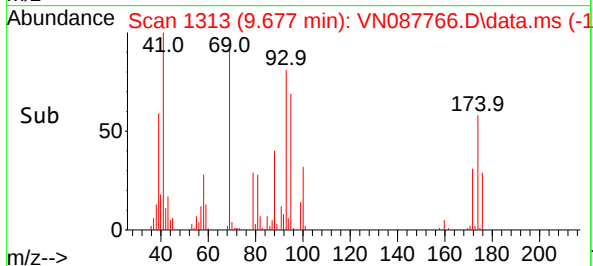
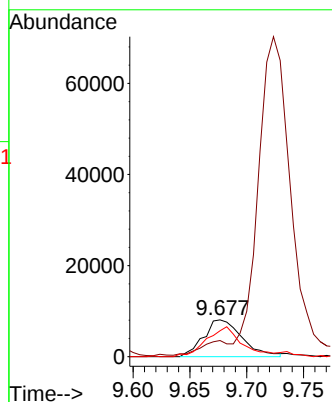
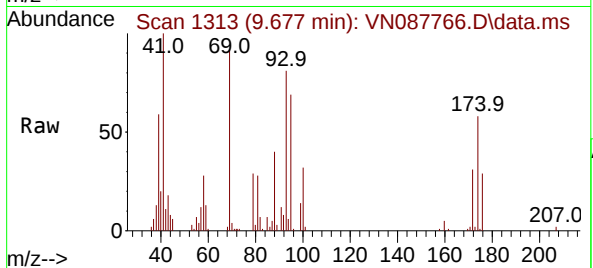
VN0909WBSD01

Tgt Ion:	88	Resp:	1912
Ion	Ratio	Lower	Upper
88	100		
43	30.8	23.6	35.4
58	74.0	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: 17.510 ug/l

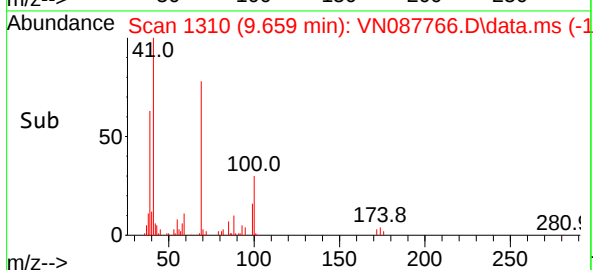
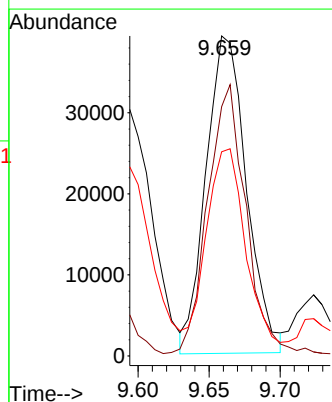
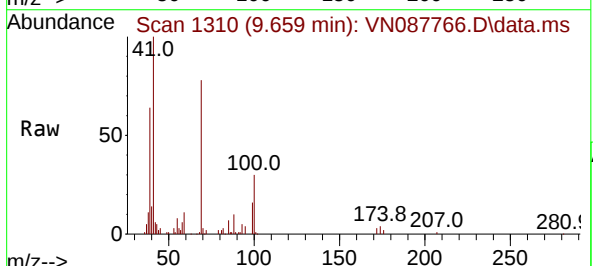
RT: 9.659 min Scan# 1310

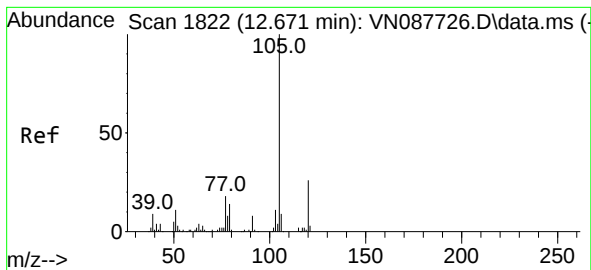
Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Tgt Ion:	41	Resp:	77651
Ion	Ratio	Lower	Upper
41	100		
69	81.6	40.3	120.9
39	64.1	31.9	95.9





#47

n-amy1 Acetate

Concen: 19.053 ug/l m

RT: 12.529 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 43 Resp: 123878

Ion Ratio Lower Upper

43 100

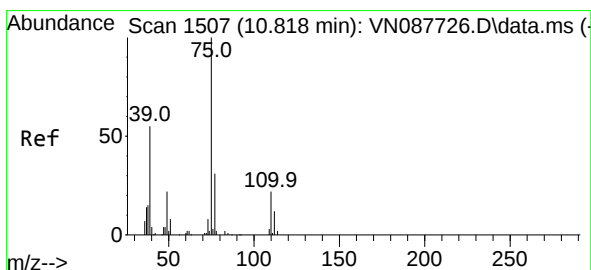
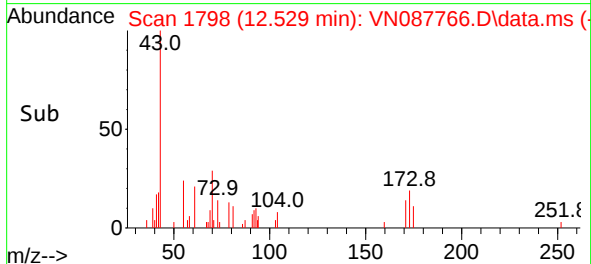
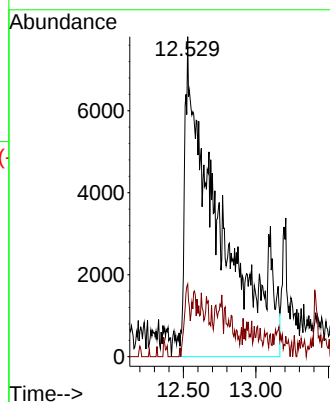
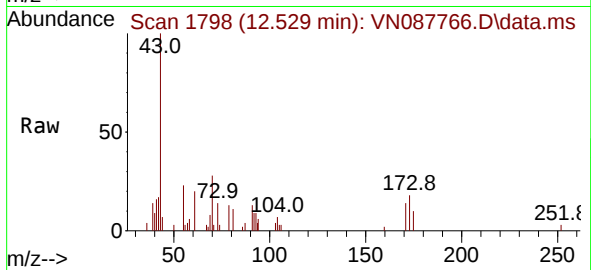
55 0.6 0.7 1.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#48

t-1,3-Dichloropropene

Concen: 17.567 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VN087766.D

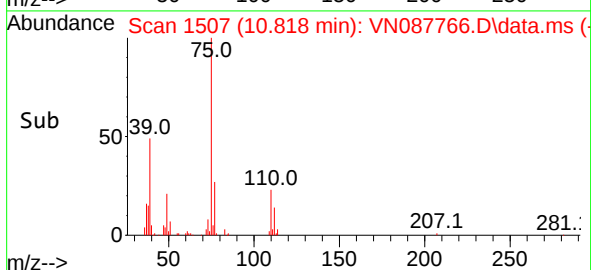
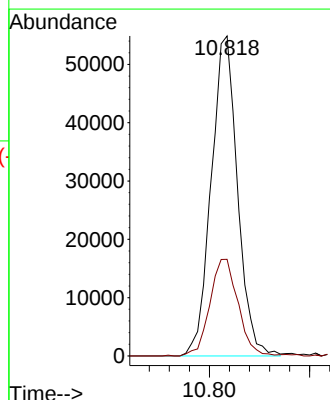
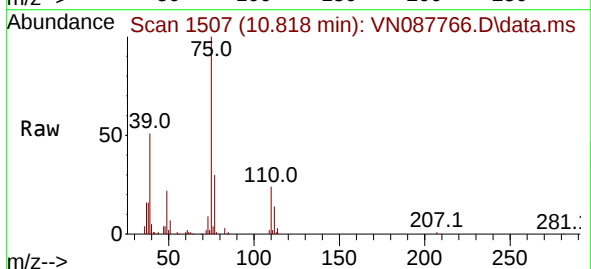
Acq: 09 Sep 2025 10:20

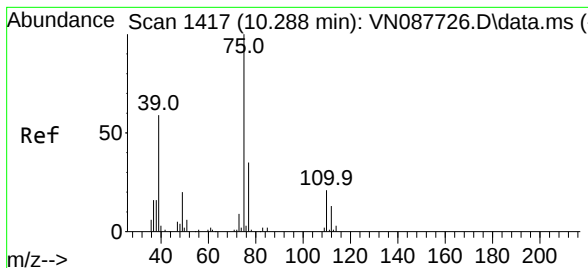
Tgt Ion: 75 Resp: 100171

Ion Ratio Lower Upper

75 100

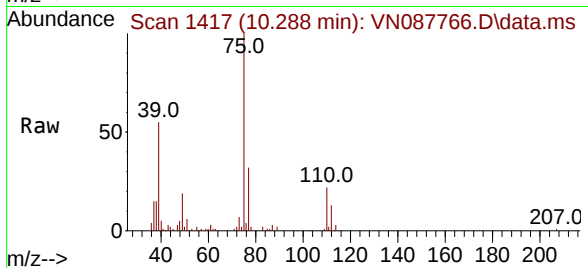
77 30.2 24.7 37.1





#49
cis-1,3-Dichloropropene
Concen: 18.241 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

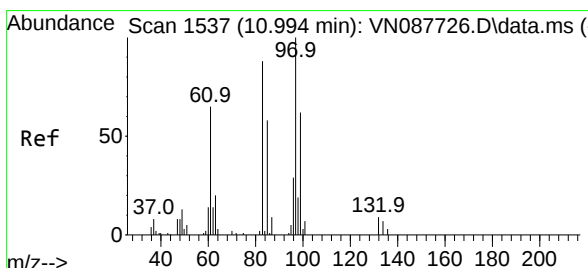
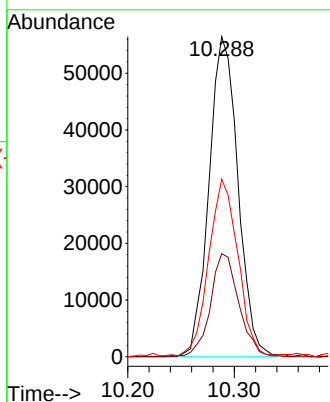
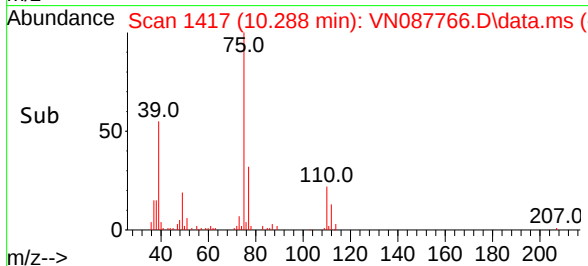
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 75 Resp: 106538
Ion Ratio Lower Upper
75 100
77 31.9 27.8 41.6
39 55.2 47.6 71.4

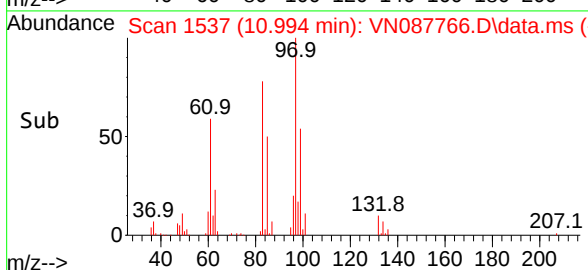
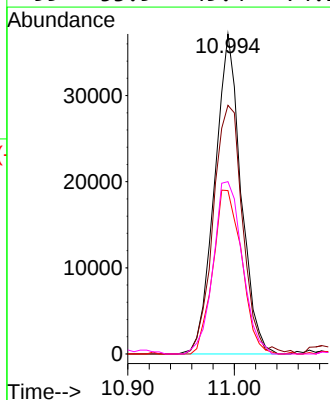
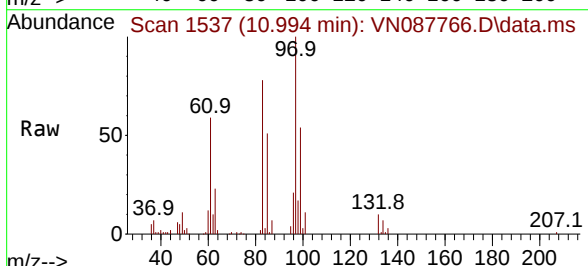
Manual Integrations
APPROVED

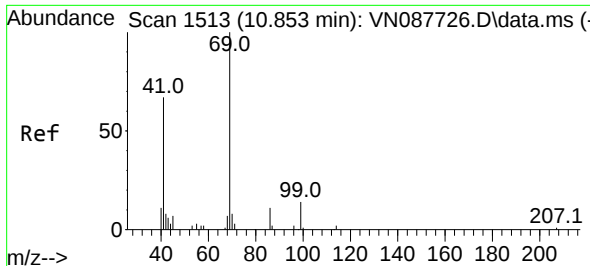
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#50
1,1,2-Trichloroethane
Concen: 18.359 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

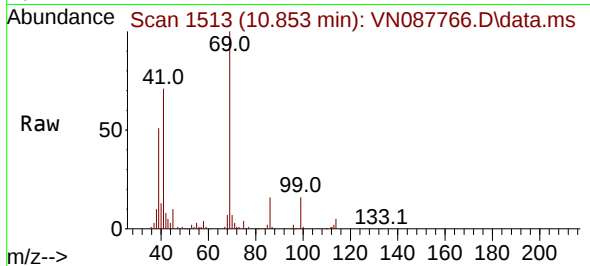
Tgt Ion: 97 Resp: 63695
Ion Ratio Lower Upper
97 100
83 77.7 70.5 105.7
85 51.0 46.3 69.5
99 53.9 49.4 74.2





#51
Ethyl methacrylate
Concen: 16.628 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

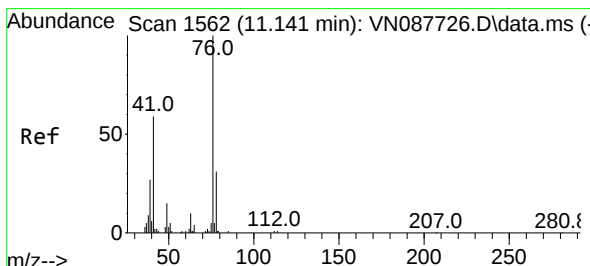
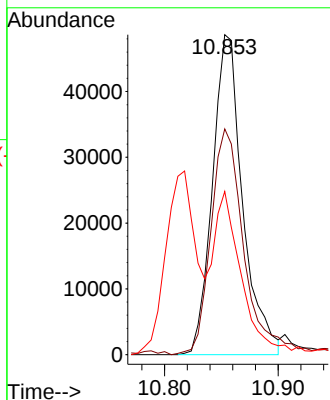
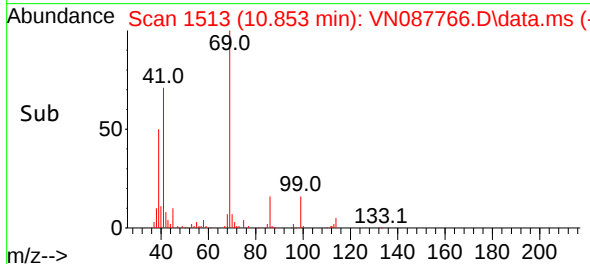
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 69 Resp: 8978
Ion Ratio Lower Upper
69 100
41 70.2 33.7 101.0
39 48.2 20.3 60.9

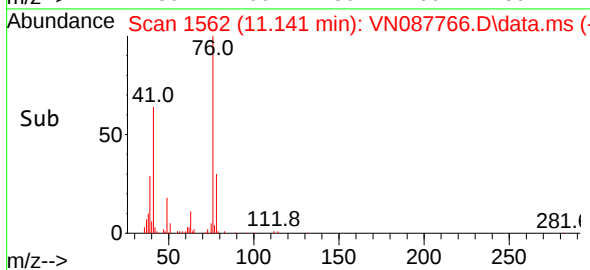
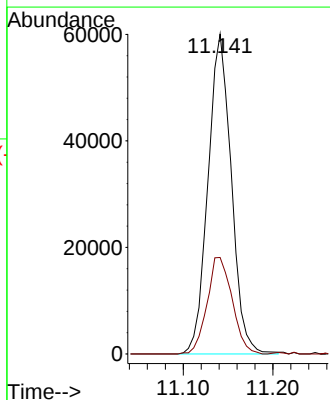
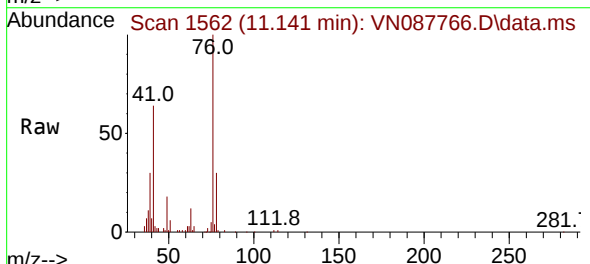
Manual Integrations
APPROVED

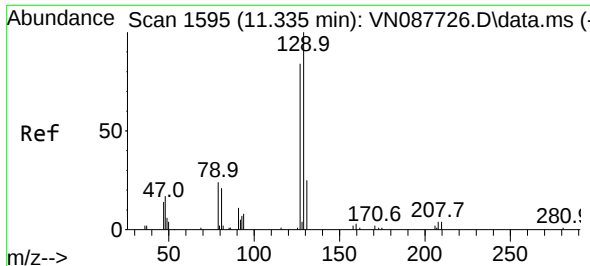
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#52
1,3-Dichloropropane
Concen: 17.969 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

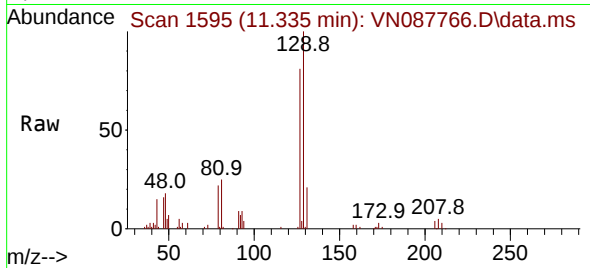
Tgt Ion: 76 Resp: 108258
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.2





#53
Dibromochloromethane
Concen: 18.094 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

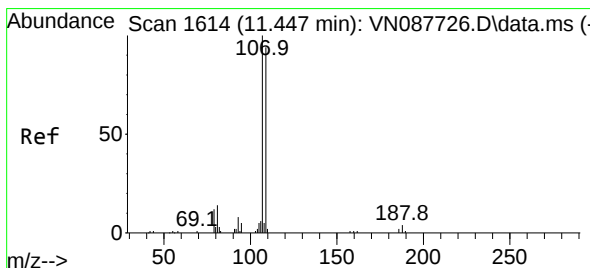
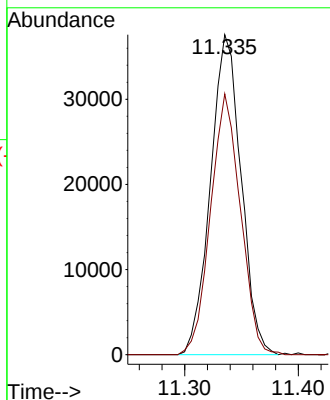
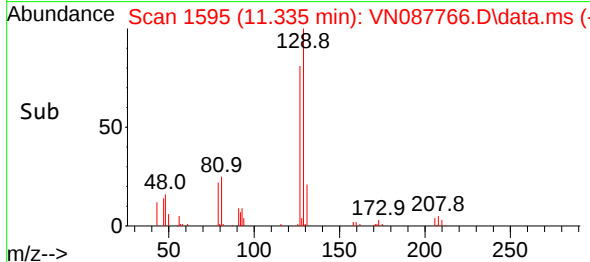
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



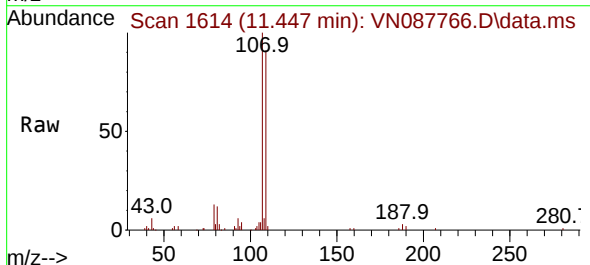
Tgt Ion:129 Resp: 70380
Ion Ratio Lower Upper
129 100
127 79.6 42.6 128.0

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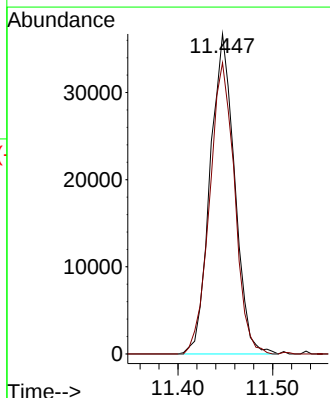
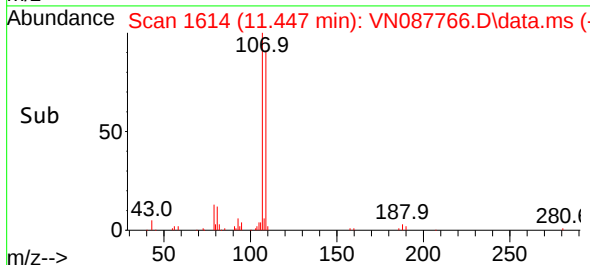
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

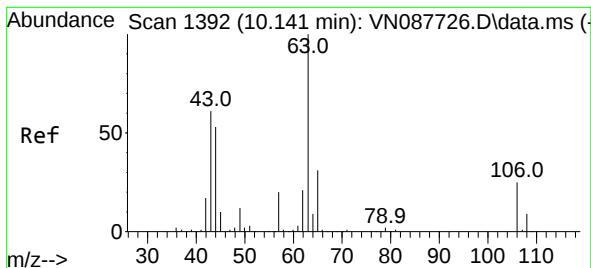


#54
1,2-Dibromoethane
Concen: 18.282 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



Tgt Ion:107 Resp: 66000
Ion Ratio Lower Upper
107 100
109 92.5 74.6 112.0





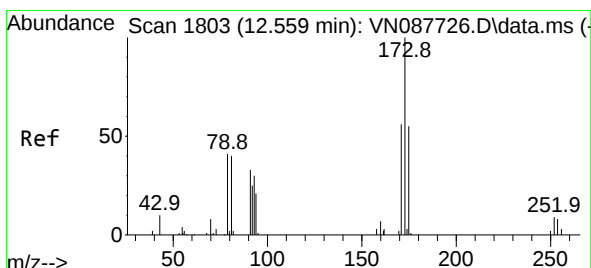
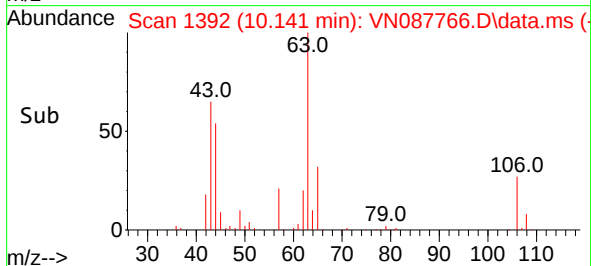
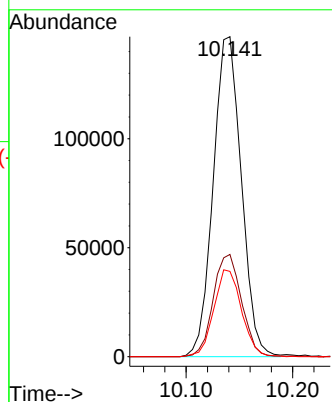
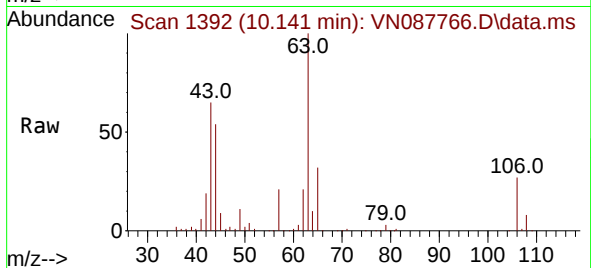
#55
2-Chloroethyl vinyl ether
Concen: 86.946 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 63 Resp: 26897
Ion Ratio Lower Upper
63 100
65 32.2 26.6 40.0
106 26.7 21.1 31.7

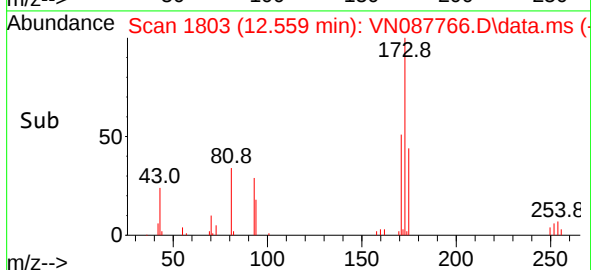
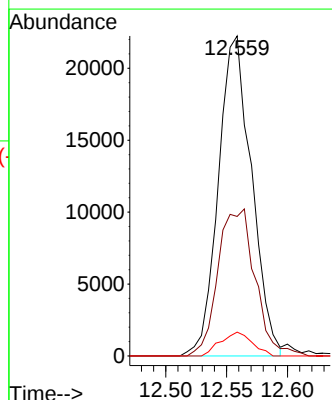
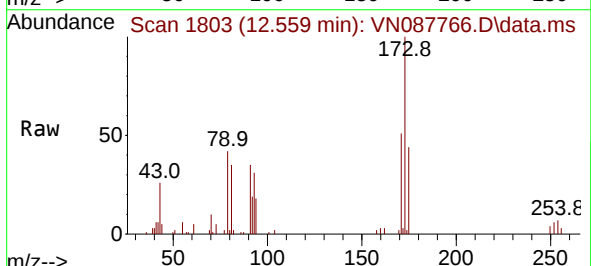
Manual Integrations
APPROVED

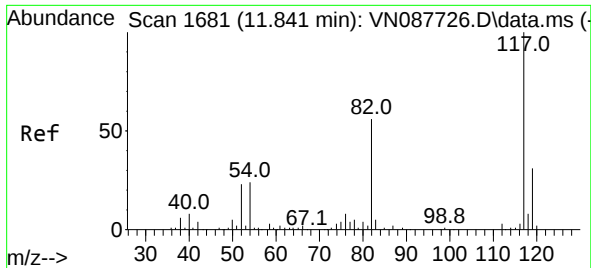
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#56
Bromoform
Concen: 16.640 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion:173 Resp: 42273
Ion Ratio Lower Upper
173 100
175 51.4 39.8 59.6
254 7.1 6.2 9.4





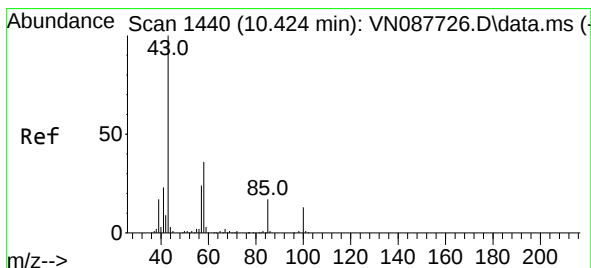
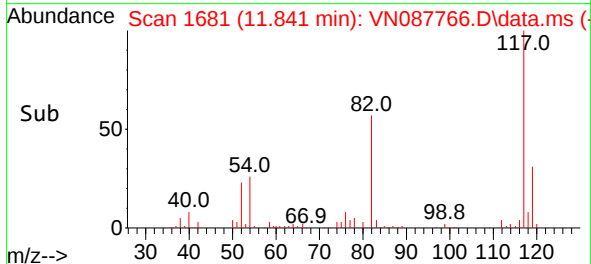
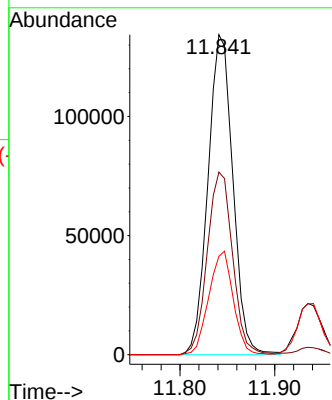
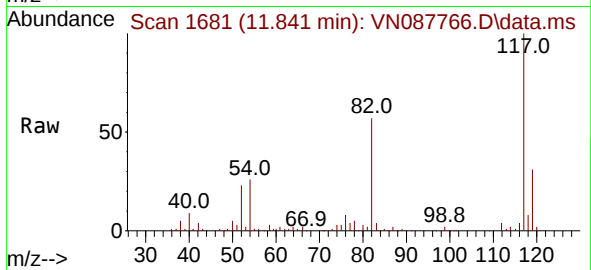
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:117 Resp: 24568
Ion Ratio Lower Upper
117 100
82 58.0 45.9 68.9
119 31.7 25.3 37.9

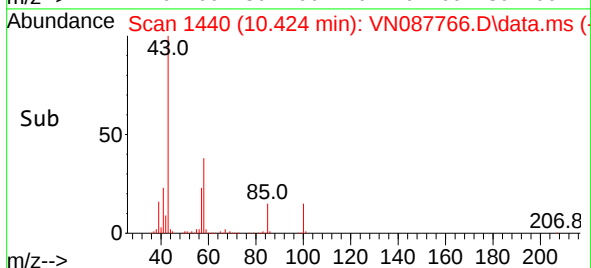
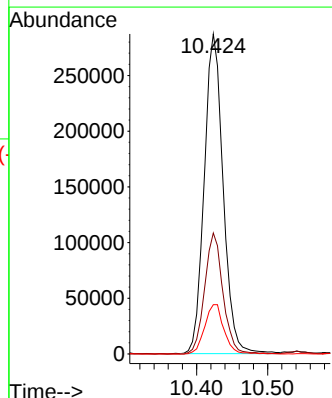
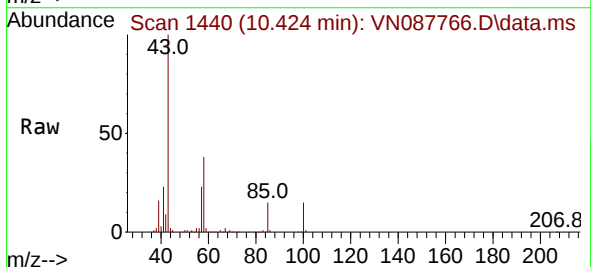
Manual Integrations
APPROVED

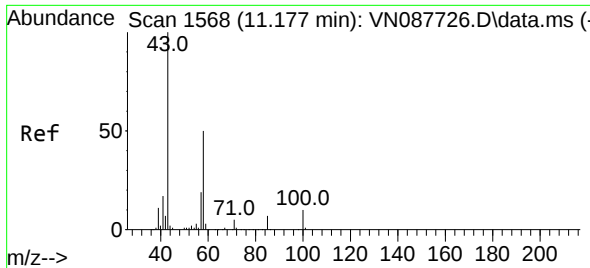
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#58
4-Methyl-2-Pentanone
Concen: 91.535 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

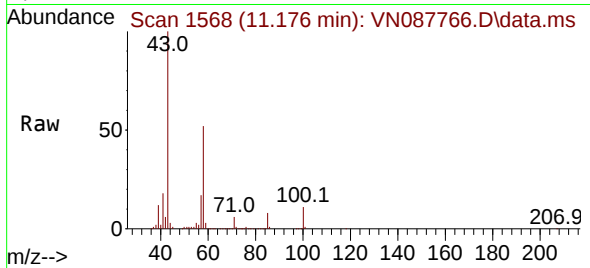
Tgt Ion: 43 Resp: 531748
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4
85 15.7 13.0 19.4





#59
2-Hexanone
Concen: 88.753 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

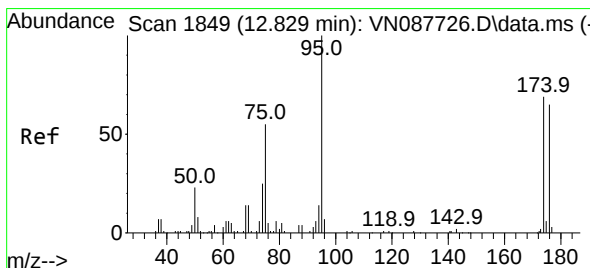
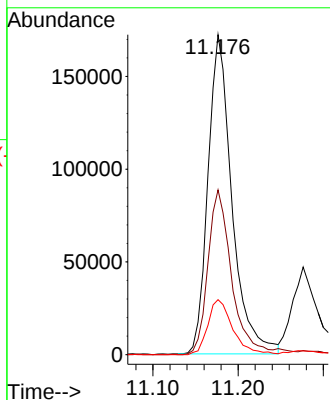
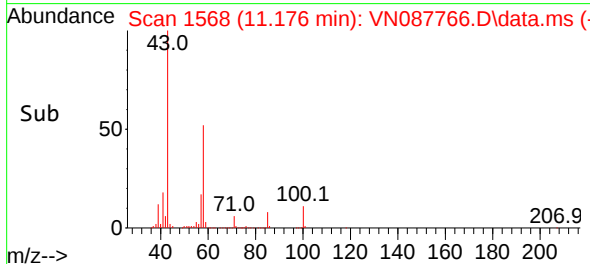
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 43 Resp: 33690
Ion Ratio Lower Upper
43 100
58 50.7 40.2 60.4
57 18.0 13.7 20.5

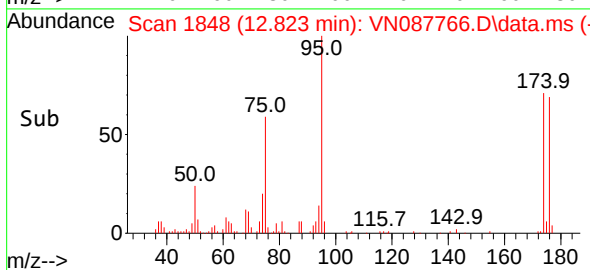
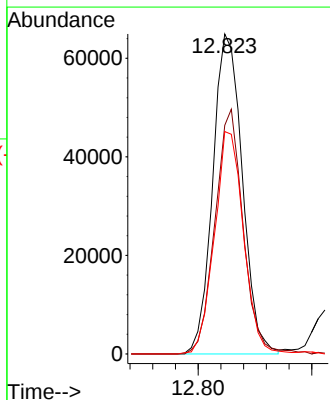
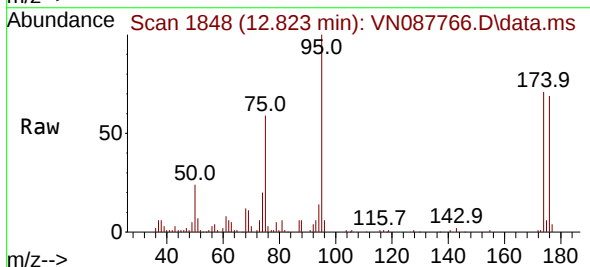
Manual Integrations
APPROVED

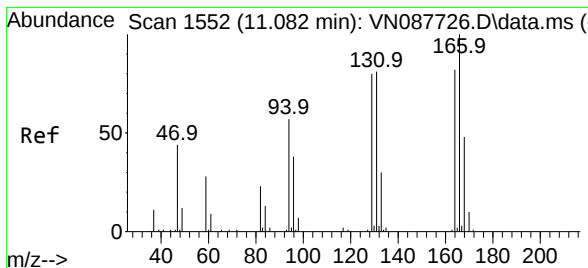
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#60
4-Bromofluorobenzene
Concen: 29.651 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

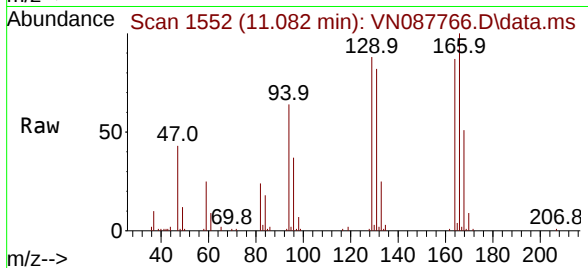
Tgt Ion: 95 Resp: 117136
Ion Ratio Lower Upper
95 100
174 73.0 55.4 83.0
176 68.6 51.5 77.3





#61
Tetrachloroethene
Concen: 19.361 ug/l
RT: 11.082 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

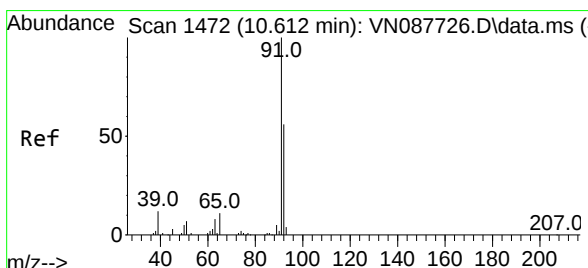
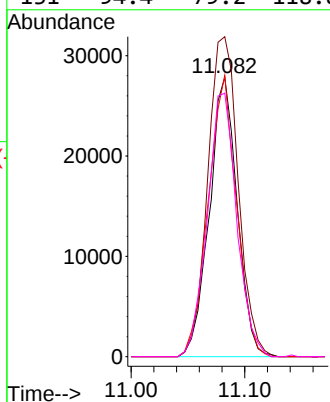
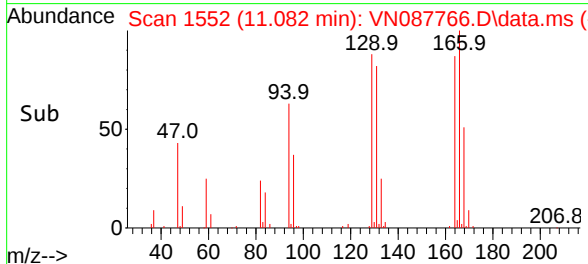
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



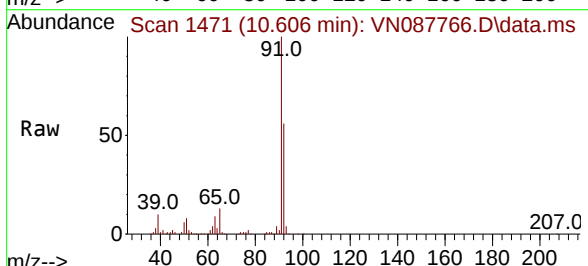
Tgt Ion:164 Resp: 47359
Ion Ratio Lower Upper
164 100
166 114.6 97.3 145.9
129 100.7 78.6 117.8
131 94.4 79.2 118.8

Manual Integrations
APPROVED

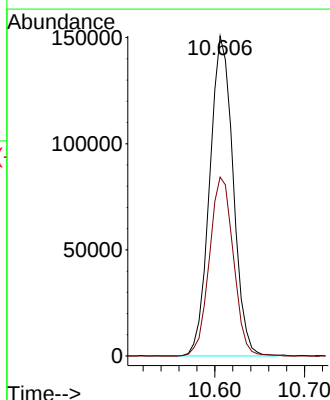
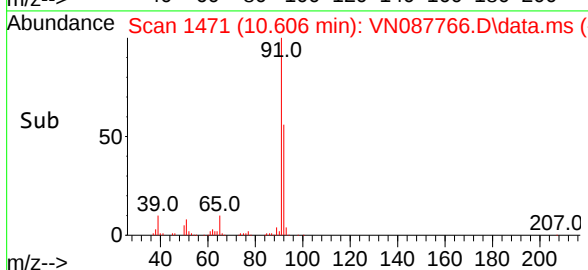
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

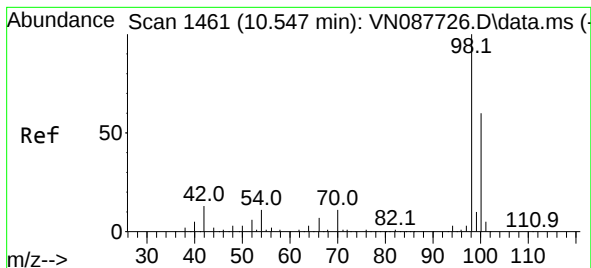


#62
Toluene
Concen: 18.402 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



Tgt Ion: 91 Resp: 273478
Ion Ratio Lower Upper
91 100
92 57.2 45.4 68.0





#63

Toluene-d8

Concen: 30.155 ug/l

RT: 10.541 min Scan# 1461

Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 98 Resp: 34454

Ion Ratio Lower Upper

98 100

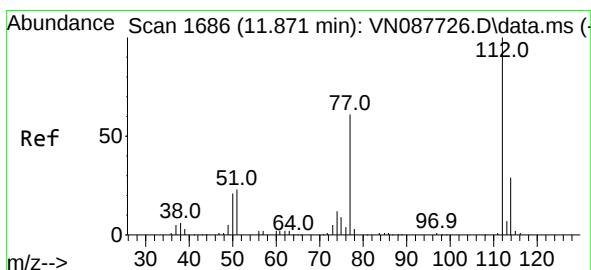
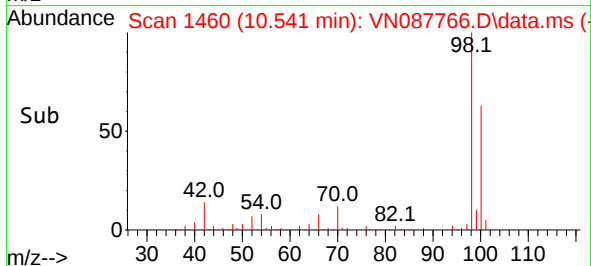
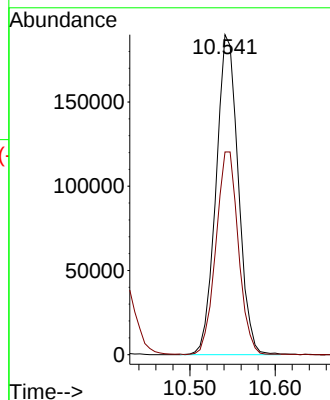
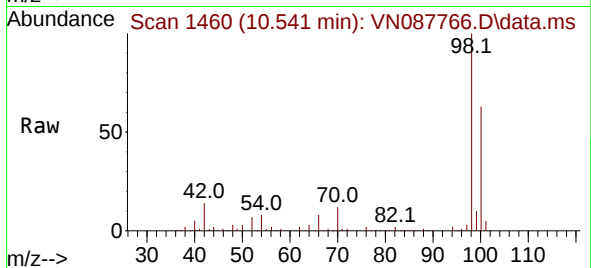
100 64.2 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025

Supervised By :Mahesh Dadoda 09/10/2025



#64

Chlorobenzene

Concen: 18.364 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087766.D

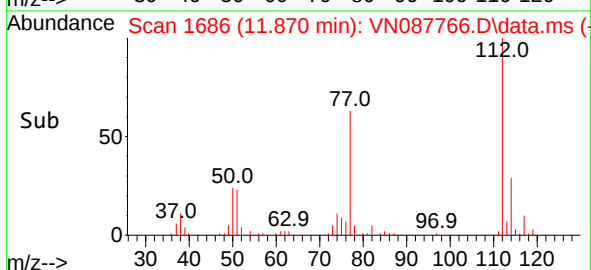
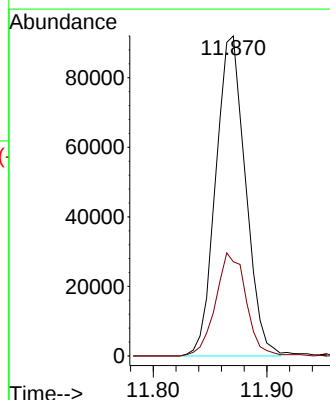
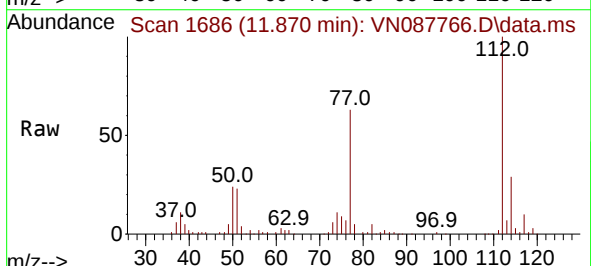
Acq: 09 Sep 2025 10:20

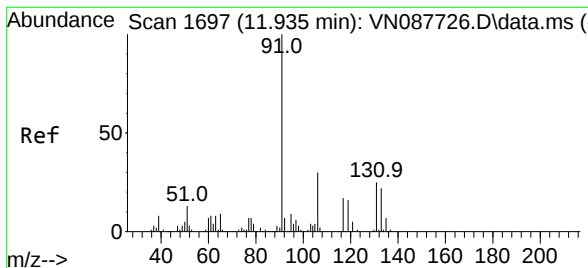
Tgt Ion:112 Resp: 167498

Ion Ratio Lower Upper

112 100

114 29.4 23.5 35.3





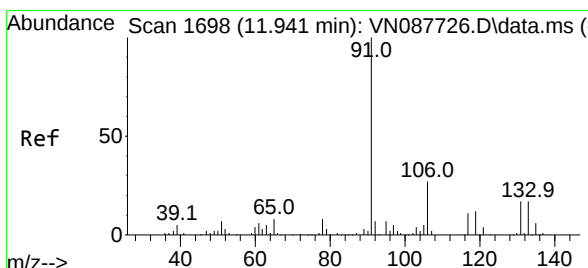
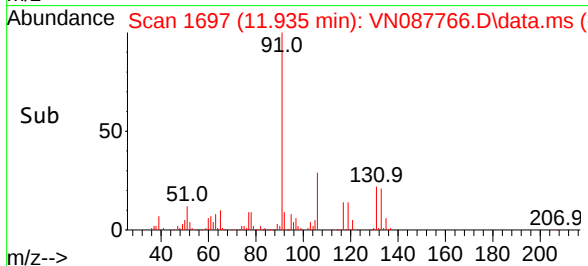
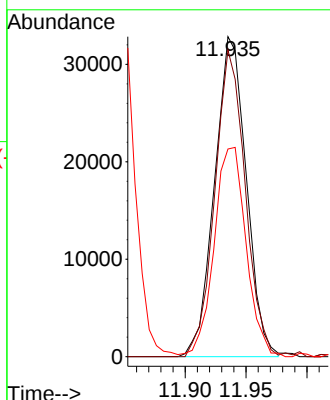
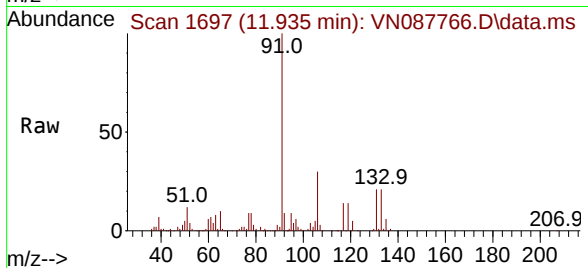
#65
1,1,1,2-Tetrachloroethane
Concen: 18.527 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:131 Resp: 59490
Ion Ratio Lower Upper
131 100
133 91.9 0.0 195.8
119 66.1 0.0 139.0

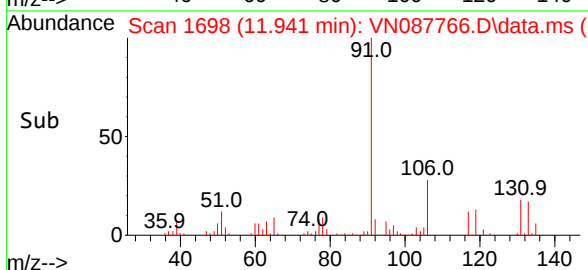
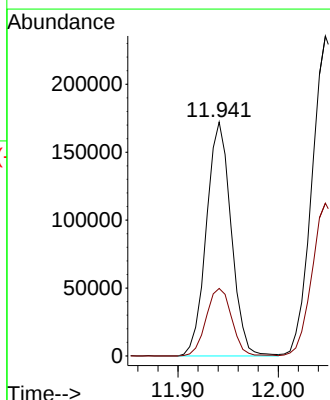
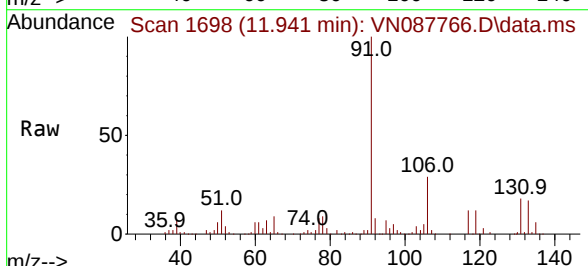
Manual Integrations
APPROVED

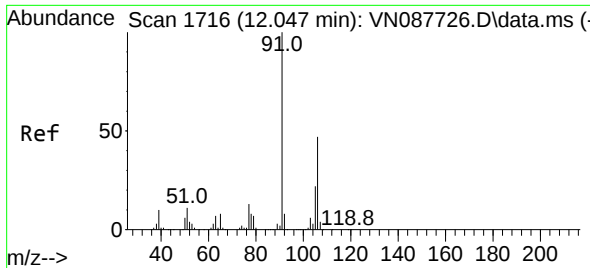
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#66
Ethyl Benzene
Concen: 18.433 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 91 Resp: 295535
Ion Ratio Lower Upper
91 100
106 28.9 21.3 31.9





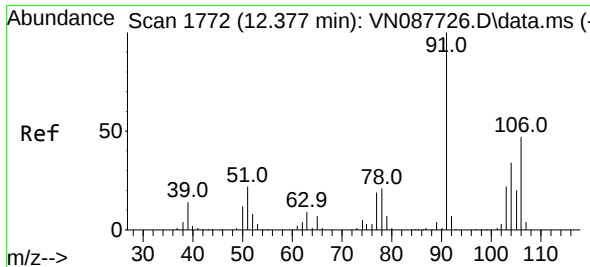
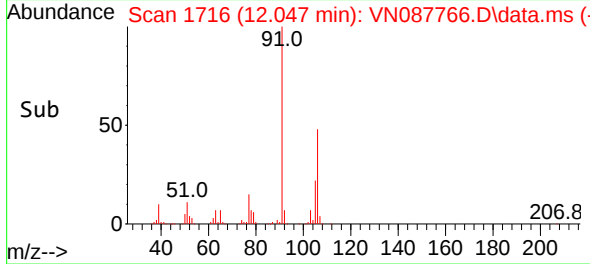
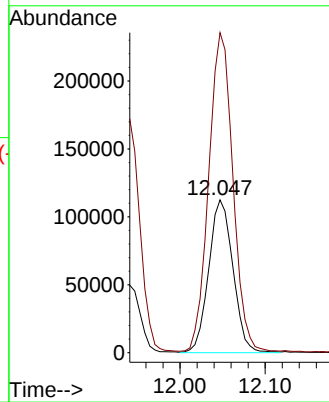
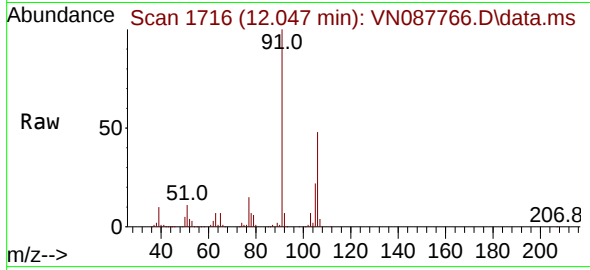
#67
m/p-Xylenes
Concen: 37.440 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:106 Resp: 22282
Ion Ratio Lower Upper
106 100
91 209.6 174.3 261.5

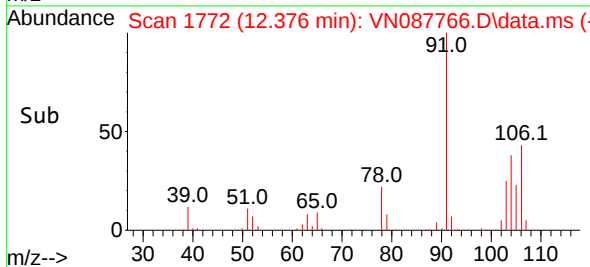
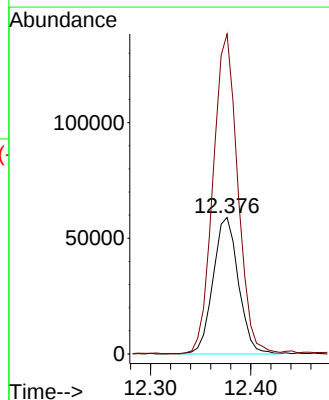
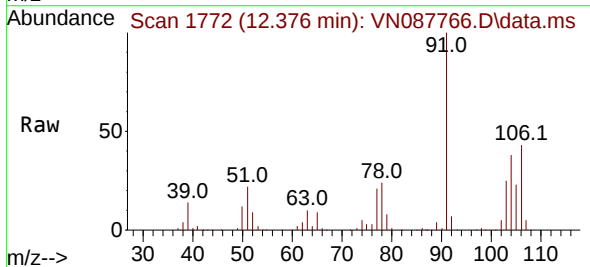
Manual Integrations
APPROVED

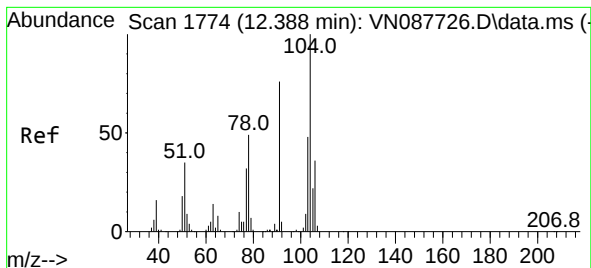
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#68
o-Xylene
Concen: 17.927 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion:106 Resp: 103447
Ion Ratio Lower Upper
106 100
91 228.7 107.7 323.3





#69

Styrene

Concen: 17.366 ug/l

RT: 12.388 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

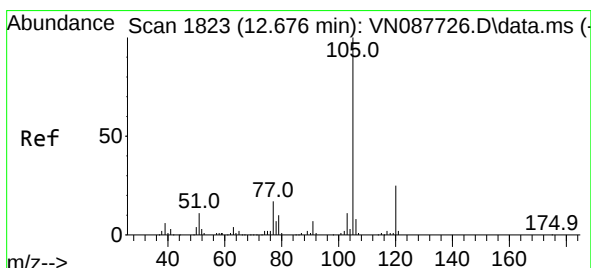
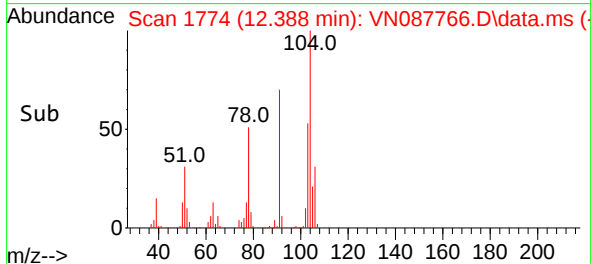
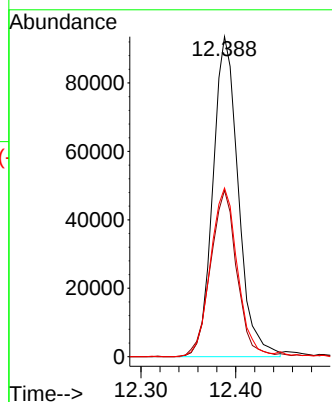
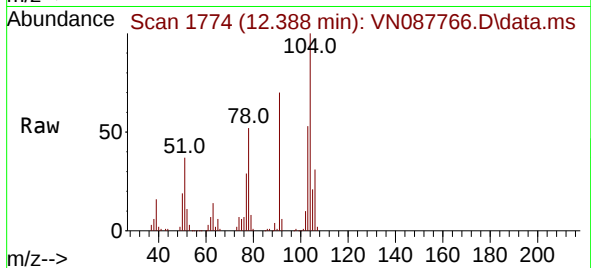
VN0909WBSD01

Tgt Ion:	104	Resp:	17416
Ion Ratio	Lower	Upper	
104	100		
78	53.7	41.0	61.6
103	56.1	44.6	66.8

Manual Integrations

APPROVED

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



#70

Isopropylbenzene

Concen: 18.930 ug/l

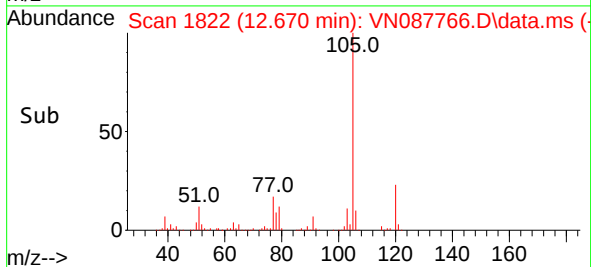
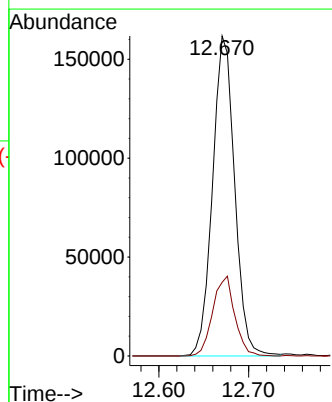
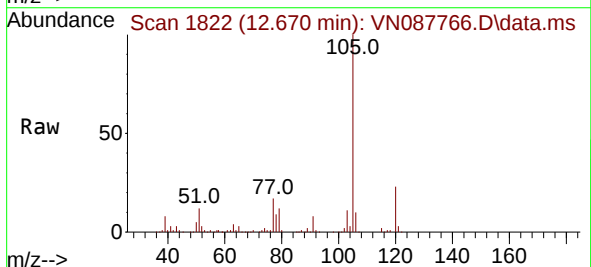
RT: 12.670 min Scan# 1822

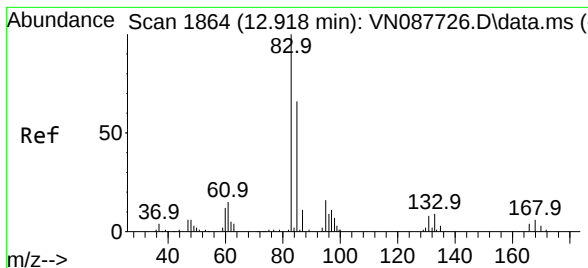
Delta R.T. -0.006 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Tgt Ion:	105	Resp:	276966
Ion Ratio	Lower	Upper	
105	100		
120	24.7	17.4	32.4





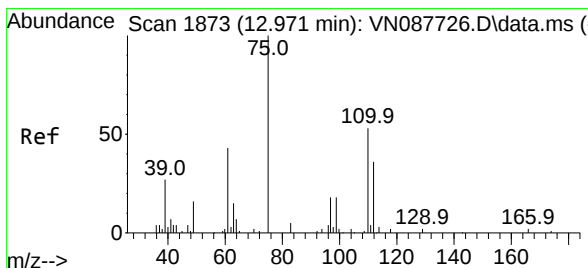
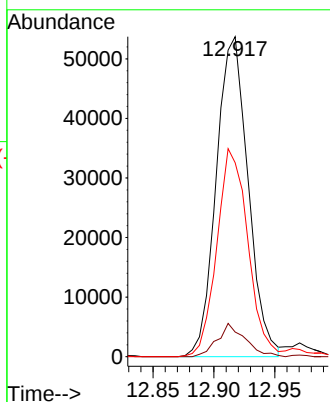
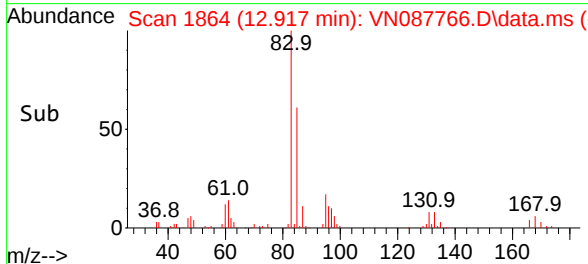
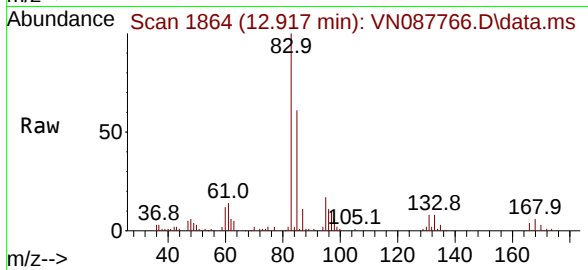
#71
1,1,2,2-Tetrachloroethane
Concen: 18.599 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 83 Resp: 9783
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 63.2 31.9 95.7

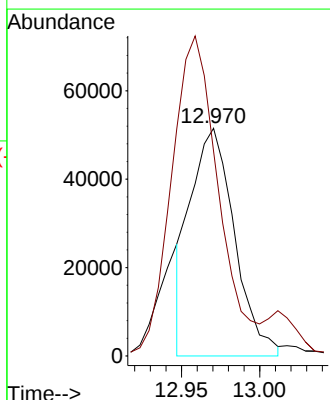
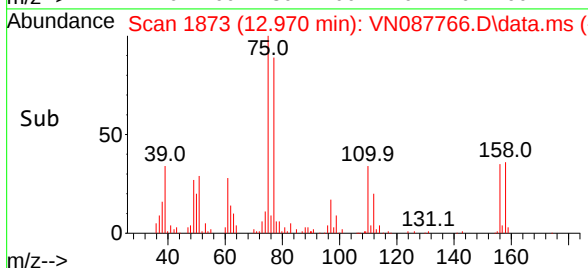
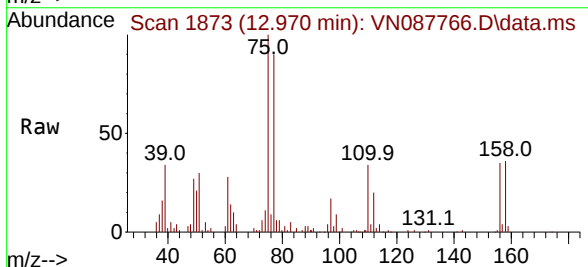
Manual Integrations
APPROVED

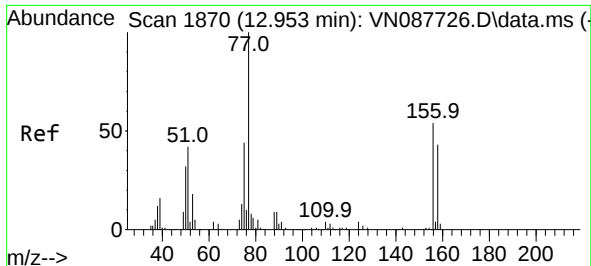
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#72
1,2,3-Trichloropropane
Concen: 19.482 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 75 Resp: 100619
Ion Ratio Lower Upper
75 100
77 151.2 0.0 378.8





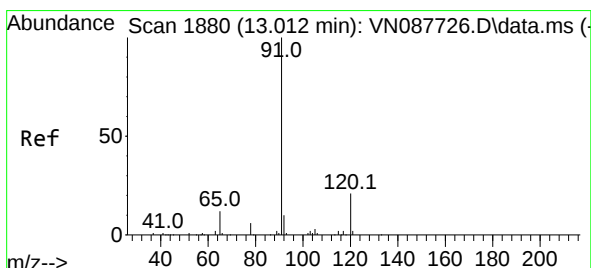
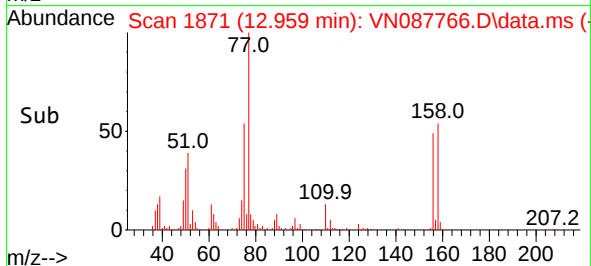
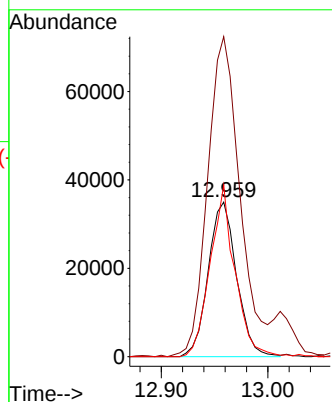
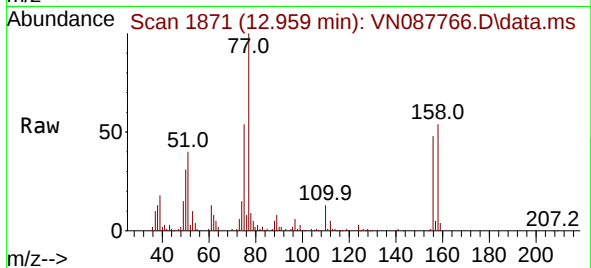
#73
Bromobenzene
Concen: 18.030 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:156 Resp: 6454
Ion Ratio Lower Upper
156 100
77 235.7 0.0 484.2
158 97.4 0.0 186.2

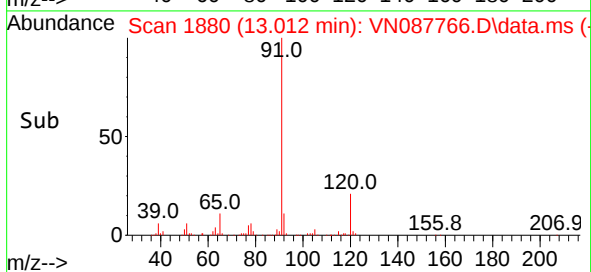
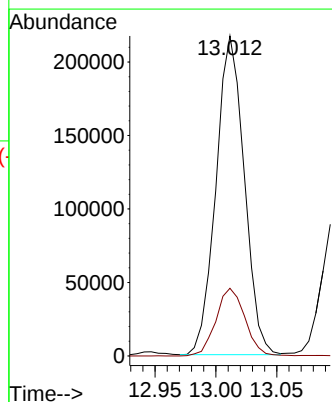
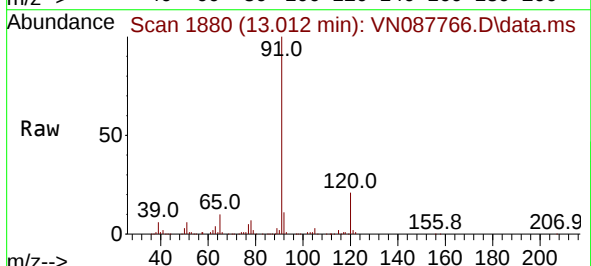
Manual Integrations
APPROVED

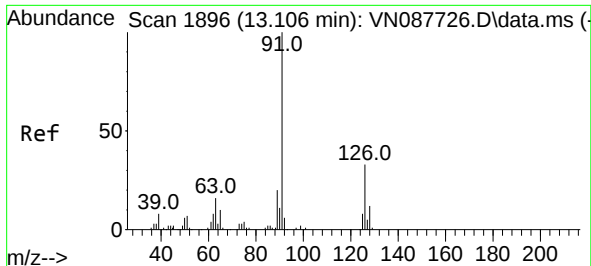
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#74
n-propylbenzene
Concen: 19.005 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 91 Resp: 350861
Ion Ratio Lower Upper
91 100
120 21.8 0.0 42.2





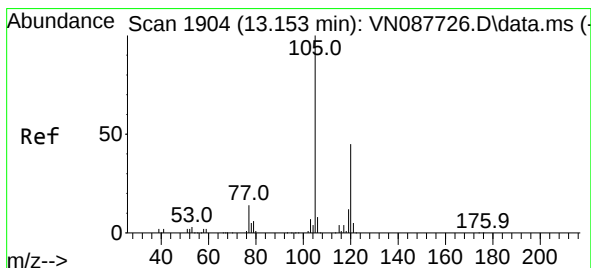
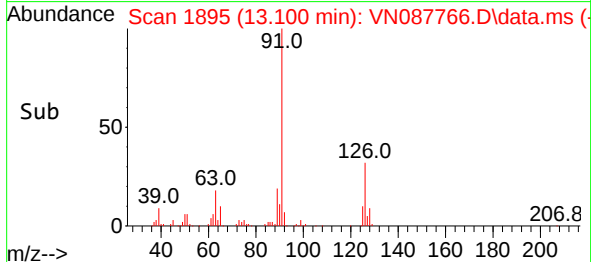
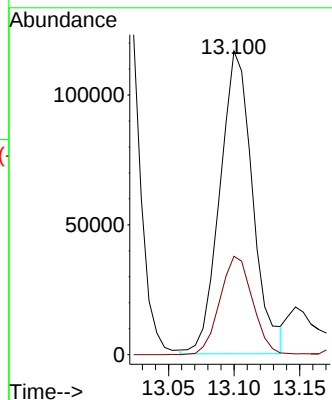
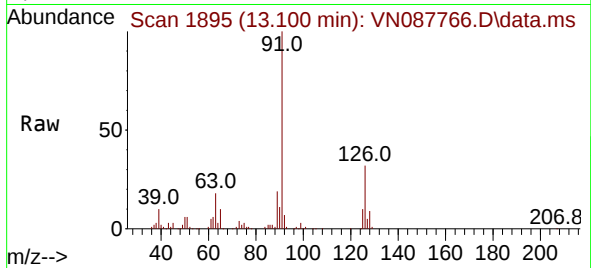
#75
2-Chlorotoluene
Concen: 18.236 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 91 Resp: 202618
Ion Ratio Lower Upper
91 100
126 32.4 0.0 60.4

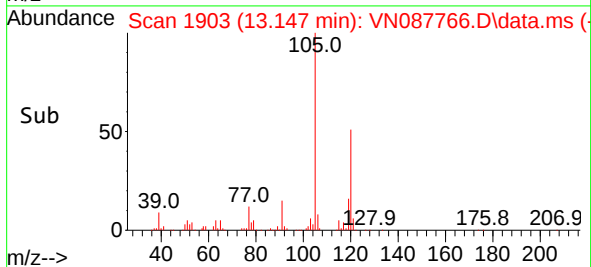
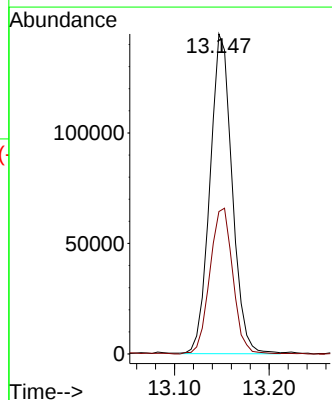
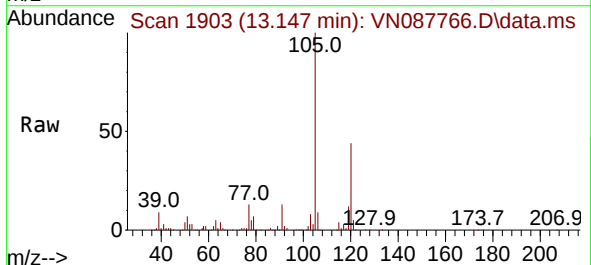
Manual Integrations
APPROVED

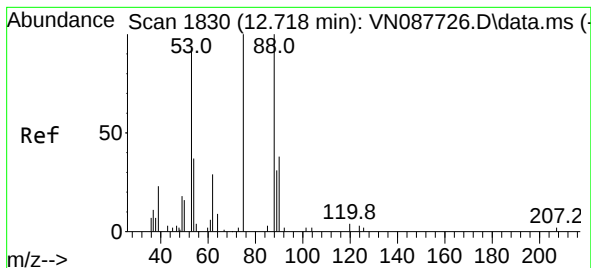
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.092 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

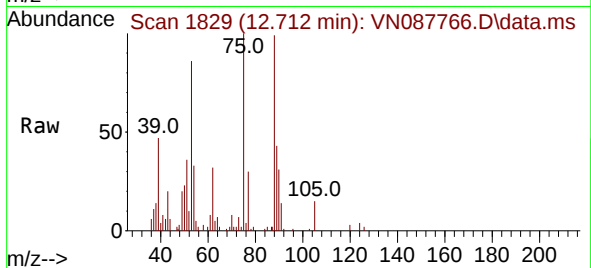
Tgt Ion:105 Resp: 235895
Ion Ratio Lower Upper
105 100
120 47.1 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.287 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

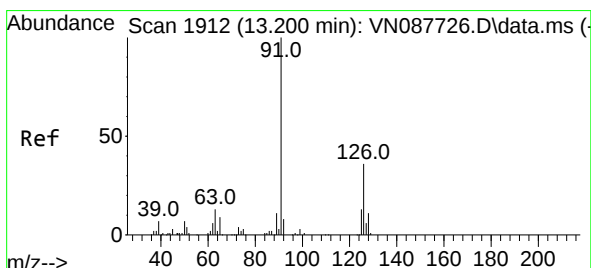
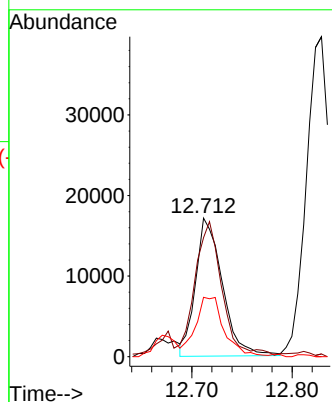
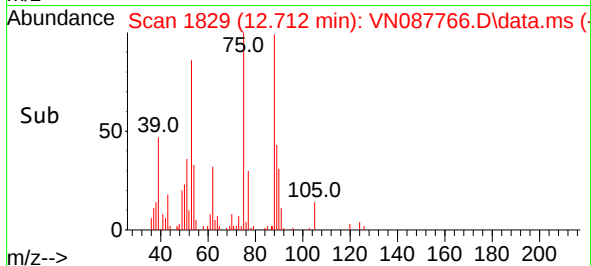
Instrument : MSVOA_N
ClientSampleId : VN0909WBSD01



Tgt Ion: 75 Resp: 31878
Ion Ratio Lower Upper
75 100
53 85.5 45.3 135.9
89 42.2 18.8 56.3

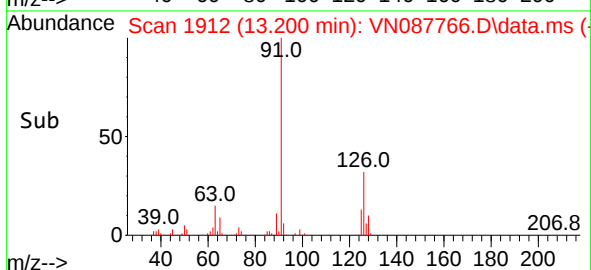
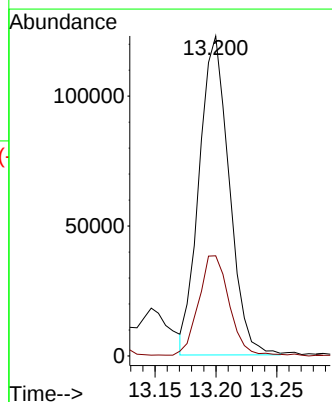
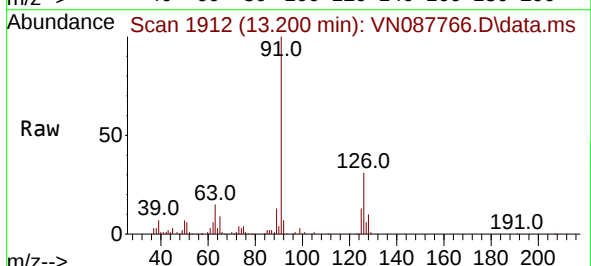
Manual Integrations
APPROVED

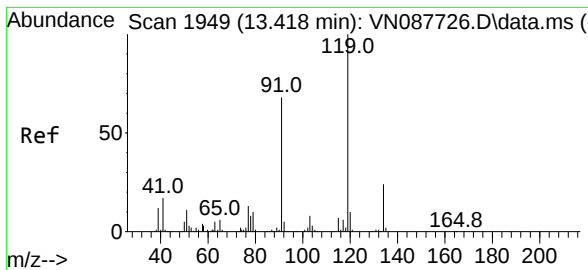
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#78
4-Chlorotoluene
Concen: 18.812 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

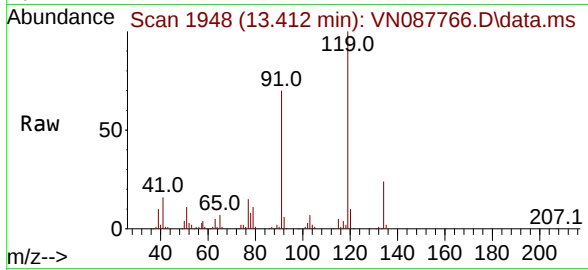
Tgt Ion: 91 Resp: 210726
Ion Ratio Lower Upper
91 100
126 32.3 0.0 67.0





#79
tert-butylbenzene
Concen: 19.495 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

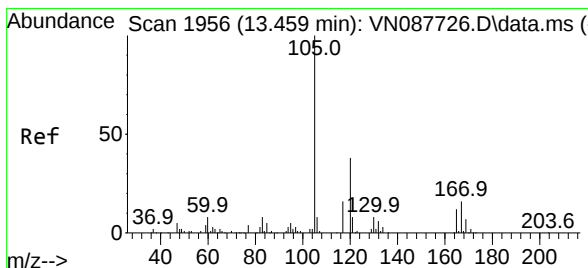
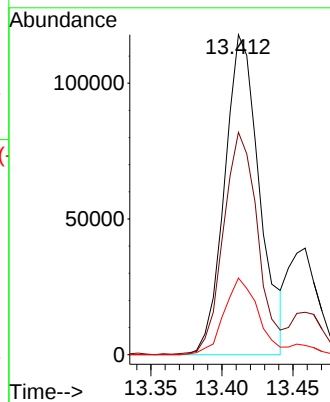
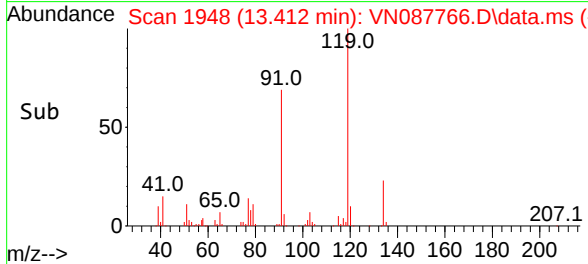
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



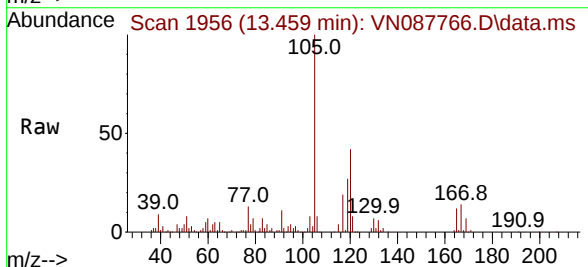
Tgt Ion:119 Resp: 20172
Ion Ratio Lower Upper
119 100
91 67.9 0.0 142.6
134 23.1 0.0 47.2

Manual Integrations
APPROVED

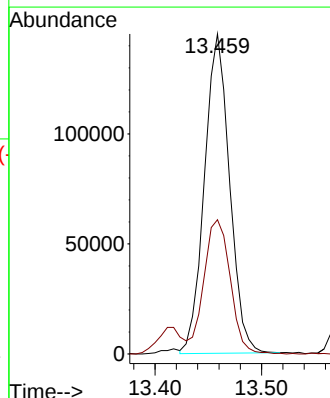
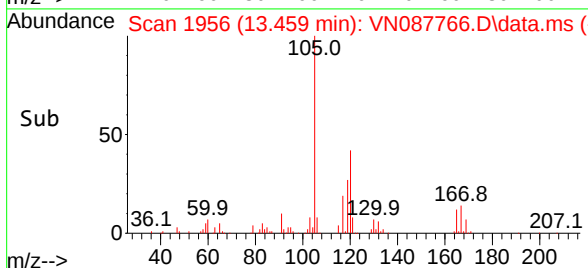
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025

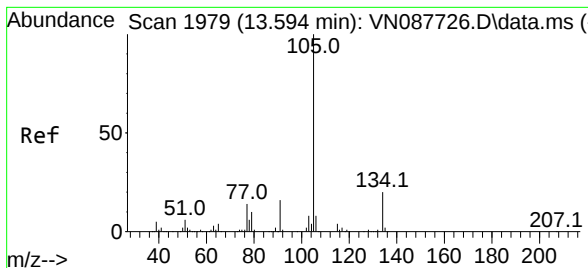


#80
1,2,4-Trimethylbenzene
Concen: 18.755 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



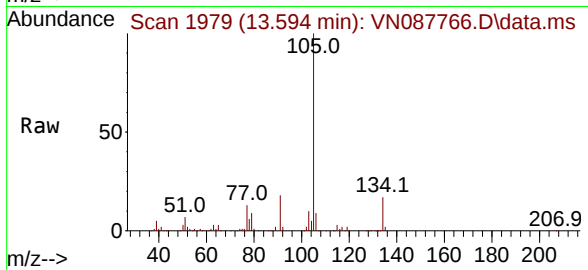
Tgt Ion:105 Resp: 237570
Ion Ratio Lower Upper
105 100
120 44.2 0.0 86.6





#81
 sec-Butylbenzene
 Concen: 19.884 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087766.D
 Acq: 09 Sep 2025 10:20

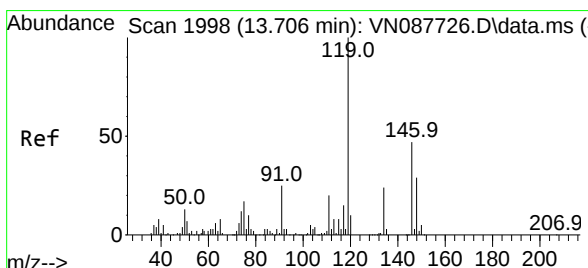
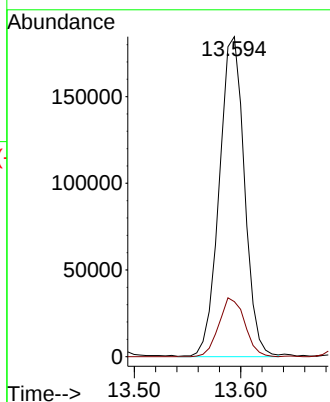
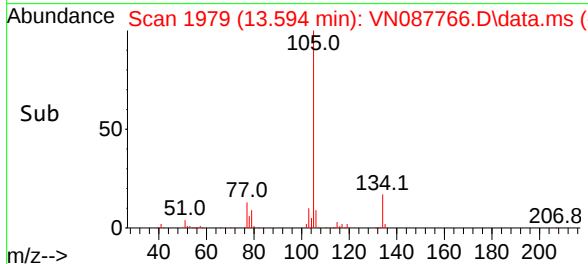
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01



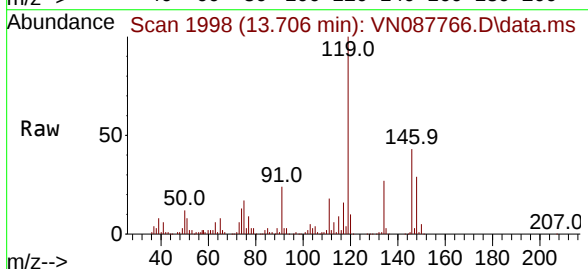
Tgt Ion:105 Resp: 30262
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.0

Manual Integrations
 APPROVED

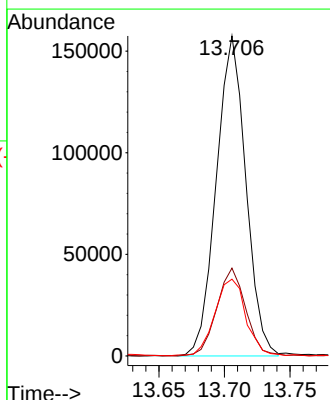
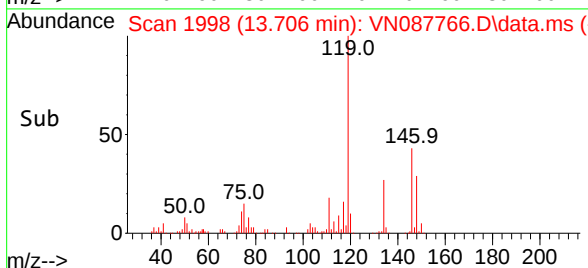
Reviewed By :Semsettin Yesilyurt 09/10/2025
 Supervised By :Mahesh Dadoda 09/10/2025

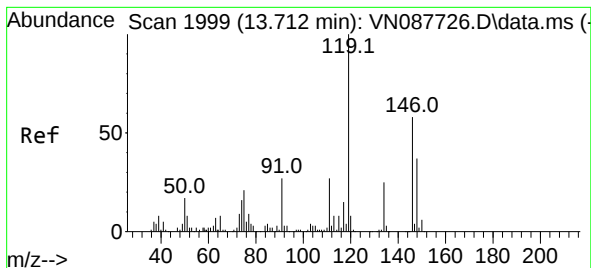


#82
 p-Isopropyltoluene
 Concen: 19.671 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087766.D
 Acq: 09 Sep 2025 10:20



Tgt Ion:119 Resp: 246675
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 49.4
 91 24.6 0.0 52.2





#83

1,3-Dichlorobenzene

Concen: 18.755 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

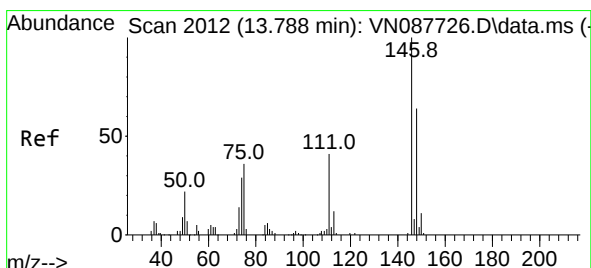
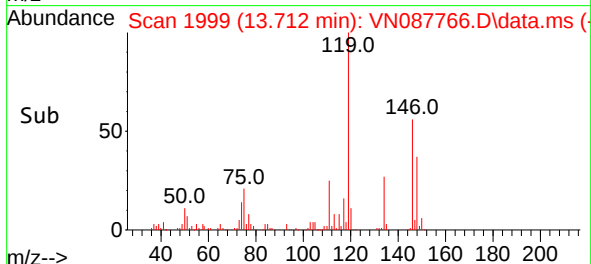
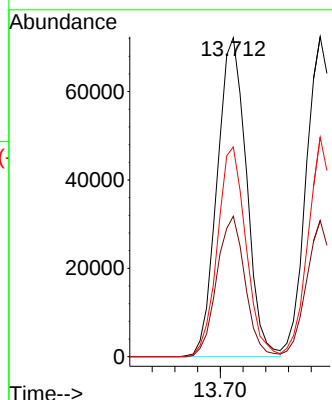
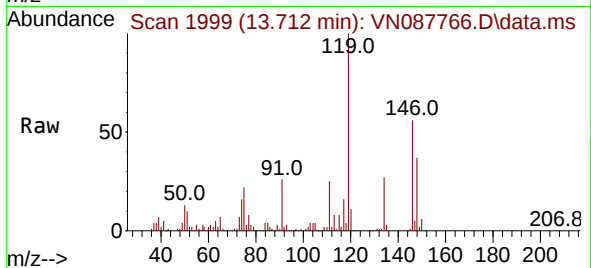
VN0909WBSD01

Tgt Ion:	146	Resp:	12943
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.1	63.4
148	64.0	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: 18.851 ug/l

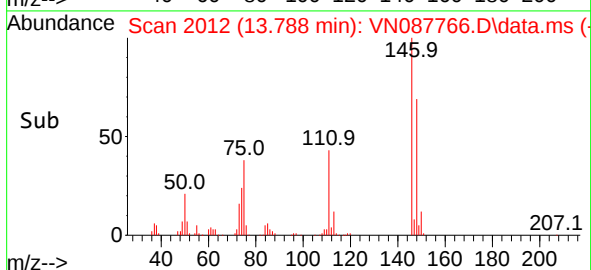
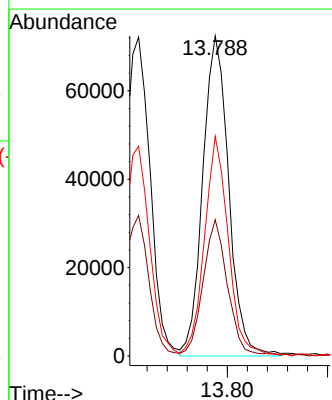
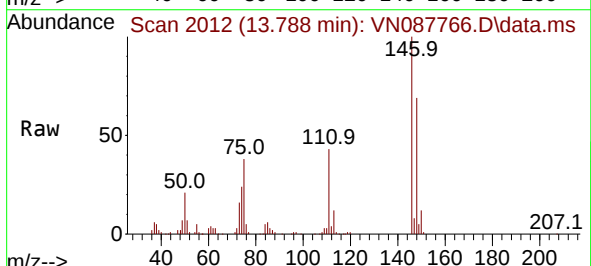
RT: 13.788 min Scan# 2012

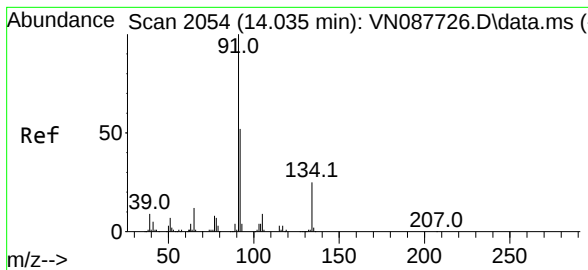
Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

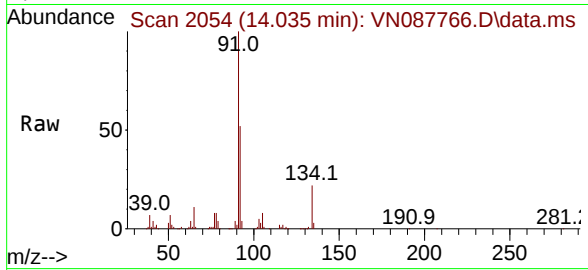
Tgt Ion:	146	Resp:	130400
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.2	60.5
148	63.0	31.5	94.5





#85
n-Butylbenzene
Concen: 20.282 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

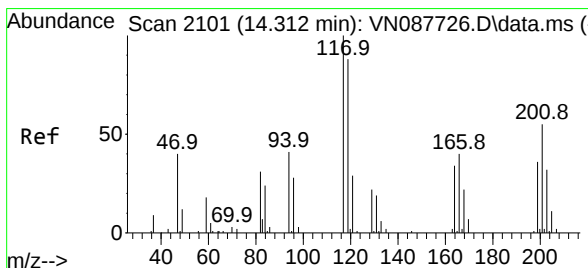
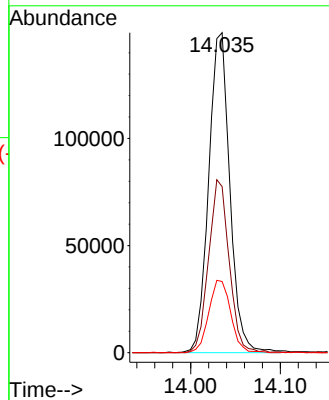
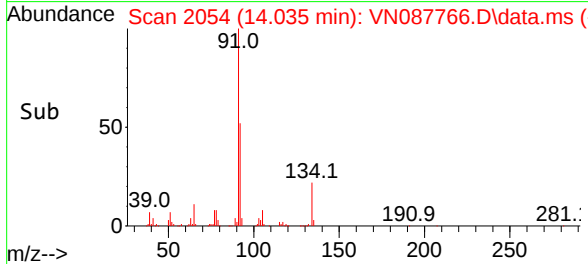
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 91 Resp: 244479
Ion Ratio Lower Upper
91 100
92 52.6 0.0 104.0
134 23.3 0.0 46.0

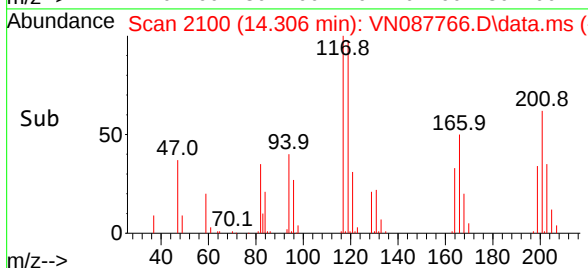
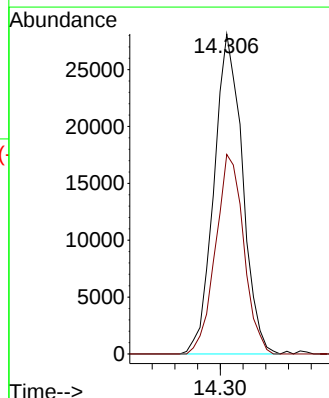
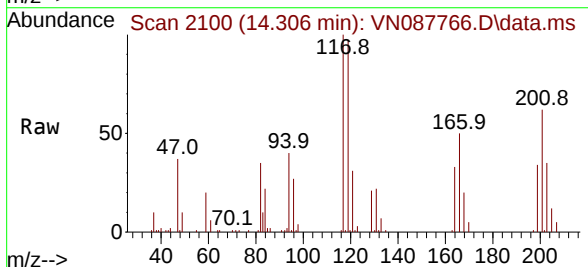
Manual Integrations
APPROVED

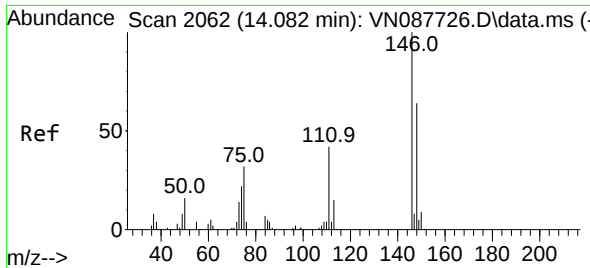
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#86
Hexachloroethane
Concen: 19.220 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion:117 Resp: 48957
Ion Ratio Lower Upper
117 100
201 61.7 29.9 89.7





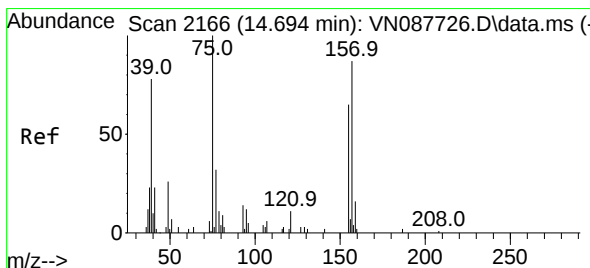
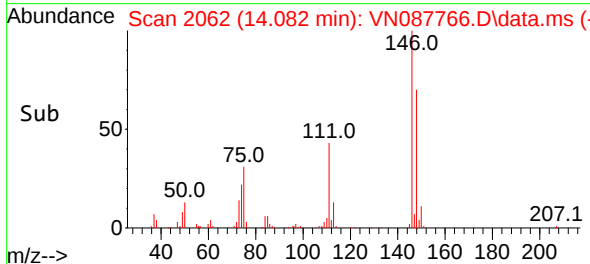
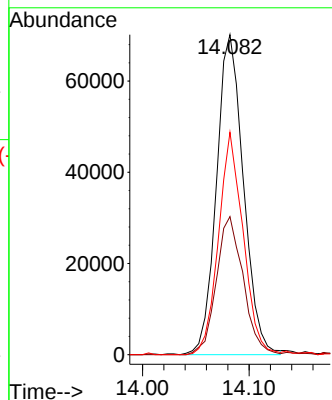
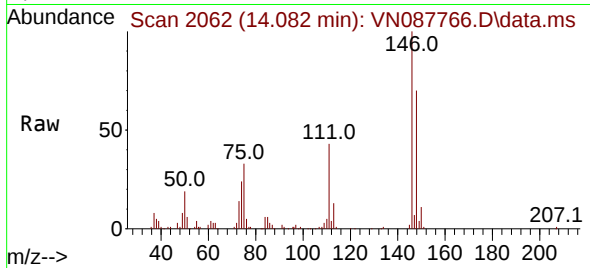
#87
1,2-Dichlorobenzene
Concen: 18.968 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:146 Resp: 123456
Ion Ratio Lower Upper
146 100
111 42.9 21.5 64.5
148 63.4 33.4 100.1

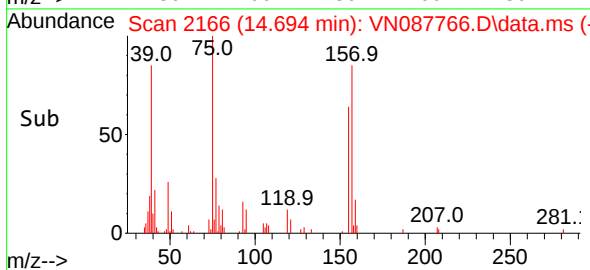
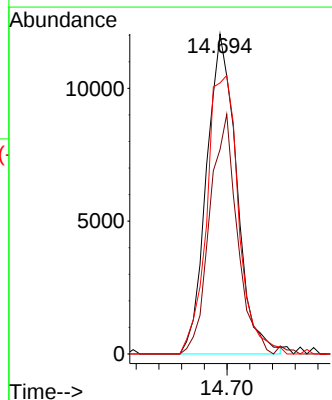
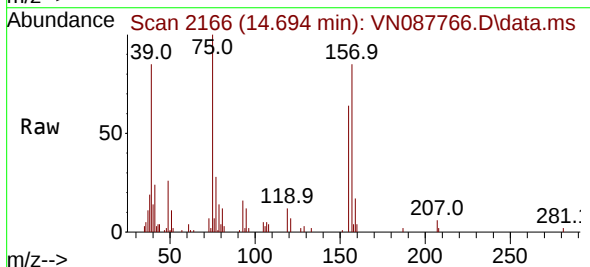
Manual Integrations
APPROVED

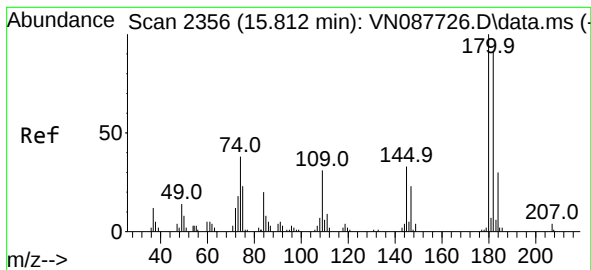
Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.028 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

Tgt Ion: 75 Resp: 22211
Ion Ratio Lower Upper
75 100
155 68.6 53.0 79.4
157 92.0 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 18.150 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

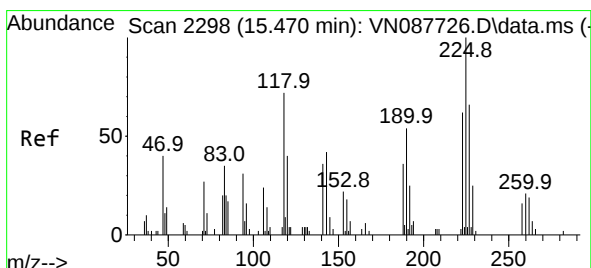
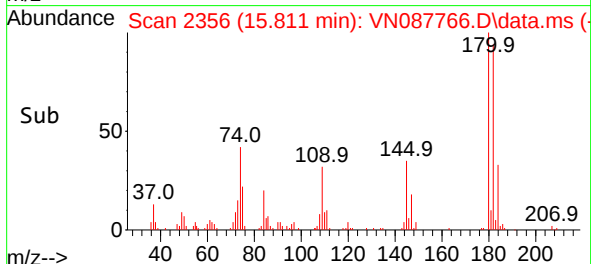
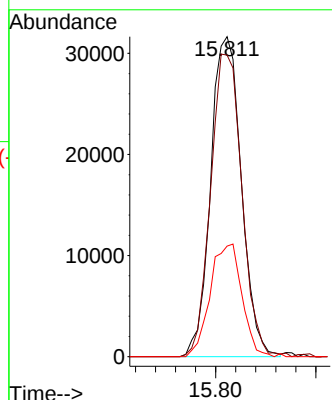
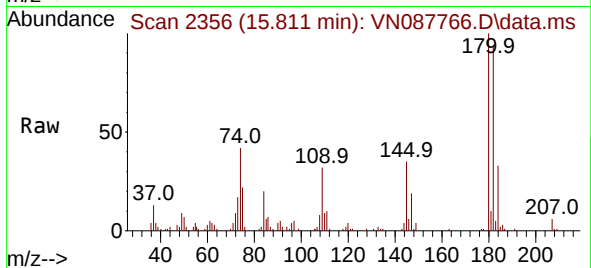
VN0909WBSD01

Tgt Ion:	180	Resp:	67194
Ion Ratio	Lower	Upper	
180	100		
182	95.9	74.6	111.8
145	36.4	27.4	41.0

Manual Integrations

APPROVED

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



#90

Hexachlorobutadiene

Concen: 21.979 ug/l

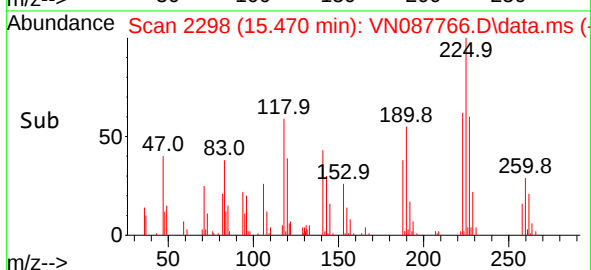
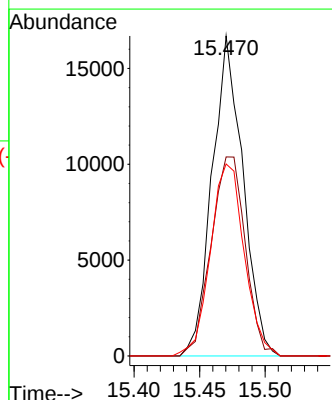
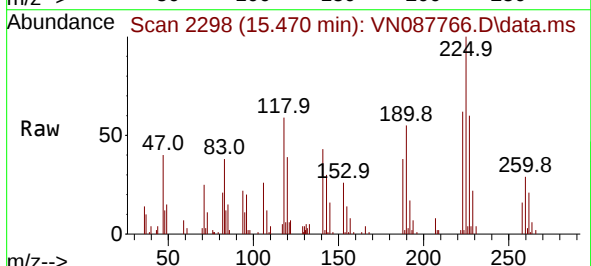
RT: 15.470 min Scan# 2298

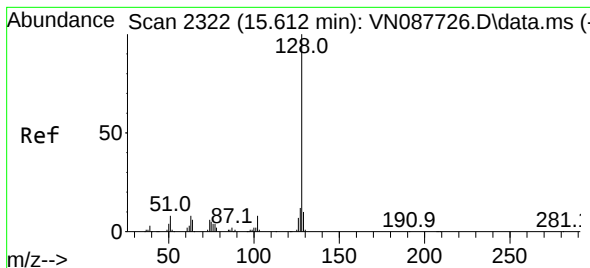
Delta R.T. -0.000 min

Lab File: VN087766.D

Acq: 09 Sep 2025 10:20

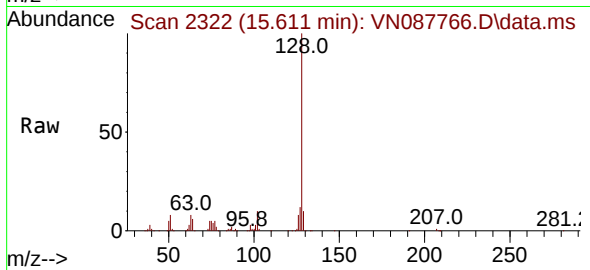
Tgt Ion:	225	Resp:	27278
Ion Ratio	Lower	Upper	
225	100		
223	69.1	0.0	118.2
227	66.0	0.0	139.0





#91
Naphthalene
Concen: 17.843 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20

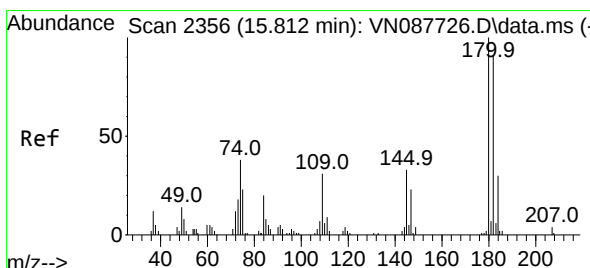
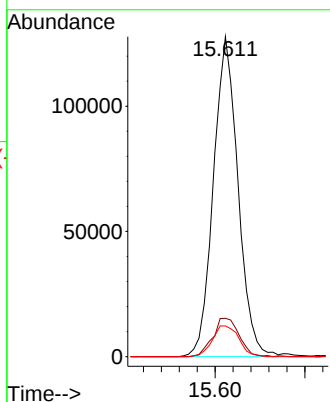
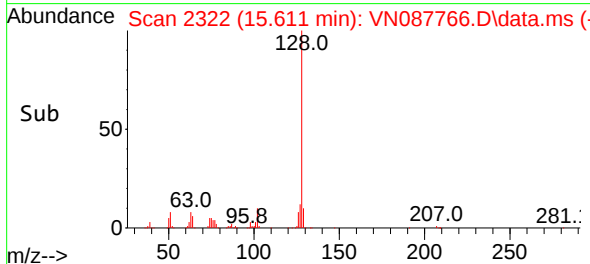
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



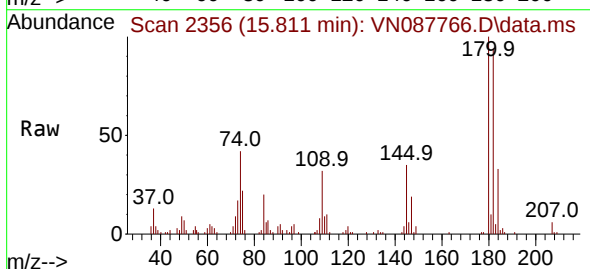
Tgt Ion:128 Resp: 24318
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.4 8.3 12.5

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.150 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087766.D
Acq: 09 Sep 2025 10:20



Tgt Ion:180 Resp: 67194
Ion Ratio Lower Upper
180 100
182 95.9 0.0 186.4
145 36.4 0.0 68.4

