

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087048.D
 Acq On : 17 Jun 2025 10:41
 Operator : JC\MD
 Sample : VN0617MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617MBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 01:43:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	89231	40.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.720%		
35) Dibromofluoromethane	8.171	113	76490	44.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.640%		
50) Toluene-d8	10.565	98	284166	41.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.180%#		
62) 4-Bromofluorobenzene	12.847	95	109163	43.000	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	33366	20.515	ug/l	99
3) Chloromethane	2.395	50	36615	17.434	ug/l	100
4) Vinyl Chloride	2.554	62	45958	21.213	ug/l	100
5) Bromomethane	3.001	94	22240	18.344	ug/l	92
6) Chloroethane	3.154	64	30760	21.981	ug/l	97
7) Trichlorofluoromethane	3.530	101	60319	21.310	ug/l	100
8) Diethyl Ether	3.983	74	24611	19.956	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.401	101	36884	20.740	ug/l	98
10) Methyl Iodide	4.618	142	18731	8.125	ug/l #	98
11) Tert butyl alcohol	5.542	59	50156	84.636	ug/l	100
12) 1,1-Dichloroethene	4.365	96	38125	20.999	ug/l	94
13) Acrolein	4.201	56	30874	164.591	ug/l	95
14) Allyl chloride	5.053	41	55721	18.506	ug/l	95
15) Acrylonitrile	5.736	53	128160	92.526	ug/l	99
16) Acetone	4.448	43	103116	89.032	ug/l	96
17) Carbon Disulfide	4.742	76	112112	22.324	ug/l	100
18) Methyl Acetate	5.053	43	54037	16.010	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	126486	19.241	ug/l	98
20) Methylene Chloride	5.295	84	43251	19.947	ug/l	93
21) trans-1,2-Dichloroethene	5.812	96	41143	20.368	ug/l	93
22) Diisopropyl ether	6.689	45	120179	18.935	ug/l	98
23) Vinyl Acetate	6.618	43	525399	97.976	ug/l	99
24) 1,1-Dichloroethane	6.589	63	72799	19.931	ug/l	99
25) 2-Butanone	7.494	43	161204	85.628	ug/l	98
26) 2,2-Dichloropropane	7.506	77	64216	22.601	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	48115	19.917	ug/l	99
28) Bromochloromethane	7.824	49	35124	19.558	ug/l	94
29) Tetrahydrofuran	7.847	42	107474	87.635	ug/l	95
30) Chloroform	7.977	83	72591	19.901	ug/l	100
31) Cyclohexane	8.265	56	67070	18.934	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	60984	19.657	ug/l	94
36) 1,1-Dichloropropene	8.377	75	54085	21.028	ug/l	98
37) Ethyl Acetate	7.571	43	61422	18.760	ug/l	99
38) Carbon Tetrachloride	8.371	117	52216	20.679	ug/l	95
39) Methylcyclohexane	9.606	83	63390	17.989	ug/l	95
40) Benzene	8.612	78	172457	20.505	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	32474	17.661	ug/l	94
42) 1,2-Dichloroethane	8.677	62	52067	20.411	ug/l	100
43) Isopropyl Acetate	8.694	43	97394	18.533	ug/l	97
44) Trichloroethene	9.359	130	42452	21.287	ug/l	93
45) 1,2-Dichloropropane	9.624	63	41726	20.392	ug/l	99
46) Dibromomethane	9.712	93	29137	21.439	ug/l	98
47) Bromodichloromethane	9.888	83	56674	20.268	ug/l	100
48) Methyl methacrylate	9.683	41	43609	18.030	ug/l	97
49) 1,4-Dioxane	9.700	88	16521	375.464	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	290853	91.938	ug/l	98
52) Toluene	10.630	92	104921	20.413	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	63429	20.286	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	69081	20.648	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	41033	20.748	ug/l	96
56) Ethyl methacrylate	10.882	69	60622	19.245	ug/l	95
57) 1,3-Dichloropropane	11.165	76	69445	20.242	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	171851	91.466	ug/l	100
59) 2-Hexanone	11.206	43	168473	82.675	ug/l	92
60) Dibromochloromethane	11.359	129	42875	20.807	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42490	20.961	ug/l	96
64) Tetrachloroethene	11.106	164	33279	20.272	ug/l	94
65) Chlorobenzene	11.888	112	115352	20.162	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	36939	20.086	ug/l	99
67) Ethyl Benzene	11.965	91	191752	19.458	ug/l	99
68) m/p-Xylenes	12.071	106	153880	40.792	ug/l	97
69) o-Xylene	12.394	106	72001	19.929	ug/l	97
70) Styrene	12.412	104	120295	19.458	ug/l	99
71) Bromoform	12.582	173	28798	21.134	ug/l #	99
73) Isopropylbenzene	12.694	105	177650	18.904	ug/l	100
74) N-amyl acetate	12.535	43	62769m	19.114	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	65213	20.484	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	60839m	19.841	ug/l	
77) Bromobenzene	12.976	156	43869	20.355	ug/l	99
78) n-propylbenzene	13.035	91	216897	18.992	ug/l	100
79) 2-Chlorotoluene	13.124	91	130719	19.086	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	147855	19.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25809	19.376	ug/l	97
82) 4-Chlorotoluene	13.218	91	136546	19.704	ug/l	99
83) tert-Butylbenzene	13.435	119	124512	17.532	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	147968	19.019	ug/l	98
85) sec-Butylbenzene	13.612	105	181087	17.558	ug/l	99
86) p-Isopropyltoluene	13.723	119	152823	17.925	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	85378	20.135	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	86326	19.969	ug/l	98
89) n-Butylbenzene	14.053	91	136805	16.566	ug/l	99
90) Hexachloroethane	14.329	117	27391	18.954	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	81841	20.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13895	18.250	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	46305	17.800	ug/l	99
94) Hexachlorobutadiene	15.500	225	13740	14.177	ug/l	95
95) Naphthalene	15.635	128	175028	18.076	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	43590	16.866	ug/l	98

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ClientSampleId :
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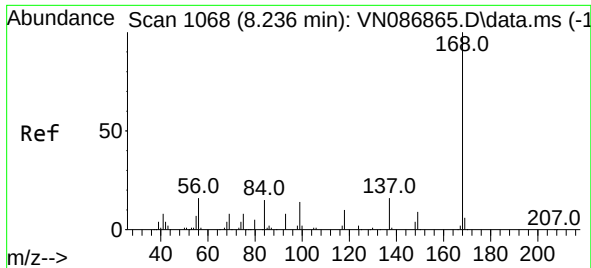
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



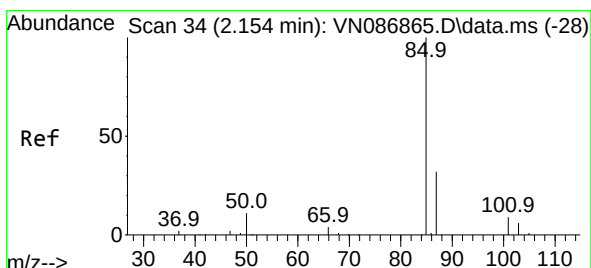
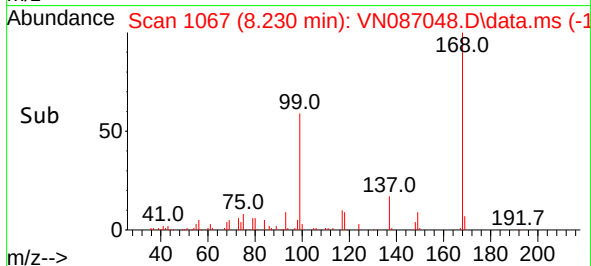
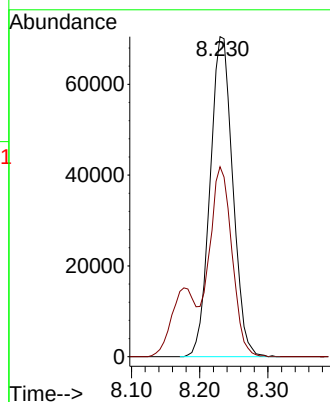
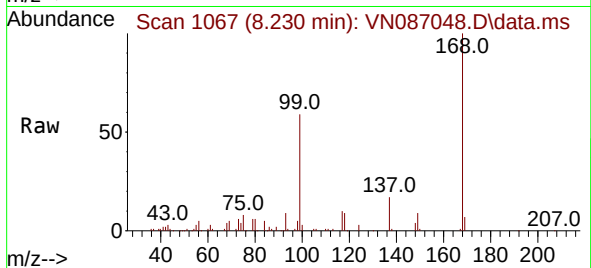
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087048.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion:168 Resp: 163120
Ion Ratio Lower Upper
168 100
99 59.4 49.1 73.7

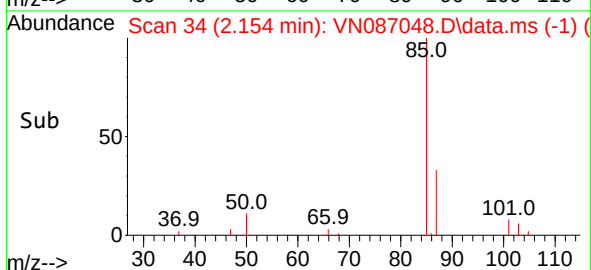
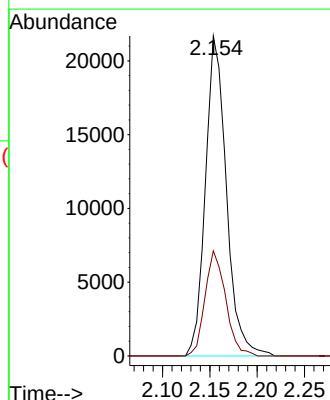
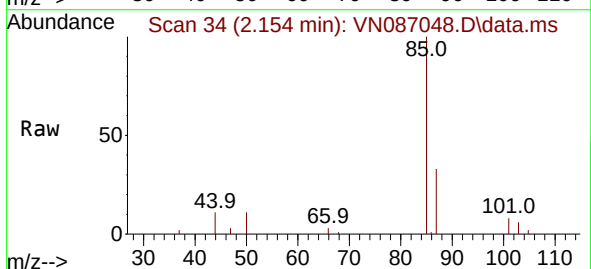
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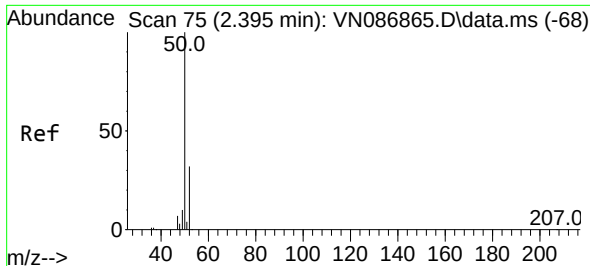
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#2
Dichlorodifluoromethane
Concen: 20.515 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

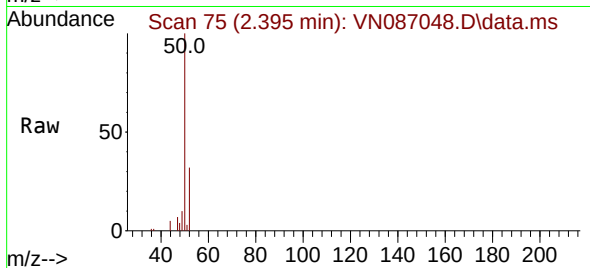
Tgt Ion: 85 Resp: 33366
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6





#3
Chloromethane
Concen: 17.434 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

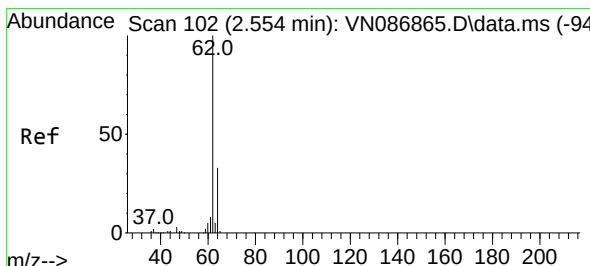
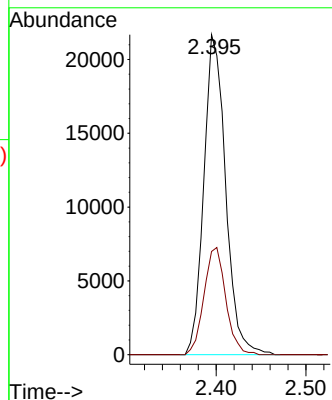
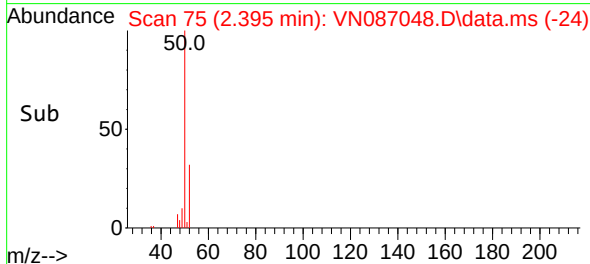
Instrument :
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VN0617MBS01



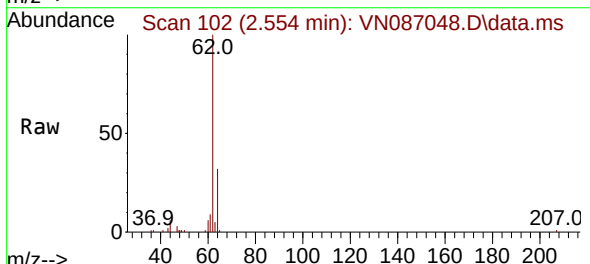
Tgt Ion: 50 Resp: 3661
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

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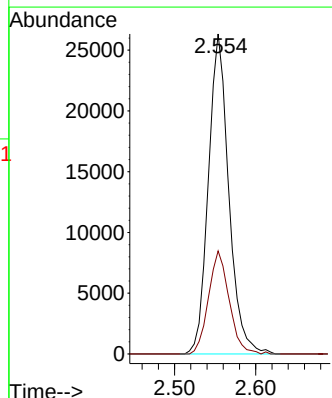
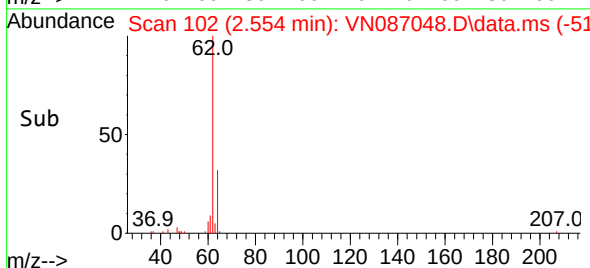
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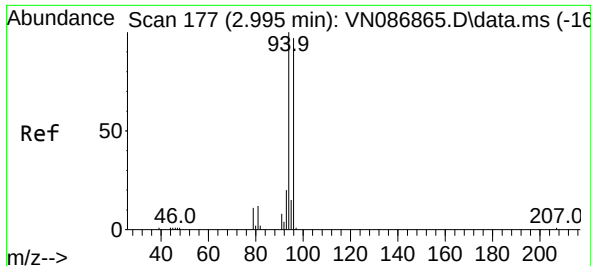


#4
Vinyl Chloride
Concen: 21.213 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



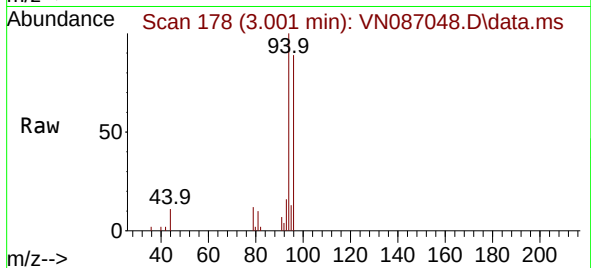
Tgt Ion: 62 Resp: 45958
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 18.344 ug/l
RT: 3.001 min Scan# 177
Delta R.T. 0.006 min
Lab File: VN087048.D
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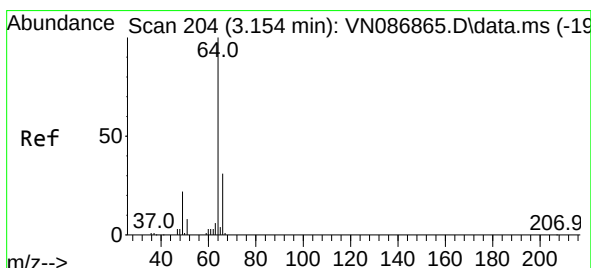
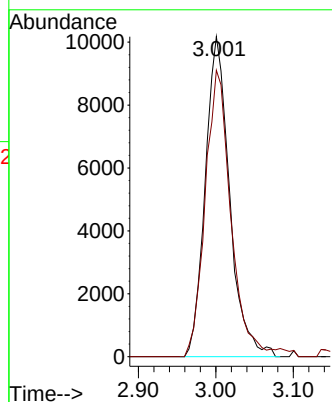
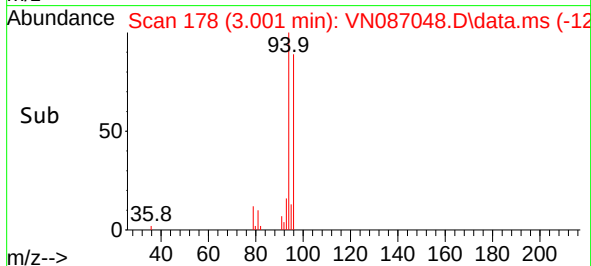
Instrument :
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Tgt Ion: 94 Resp: 22240
Ion Ratio Lower Upper
94 100
96 89.5 77.9 116.9

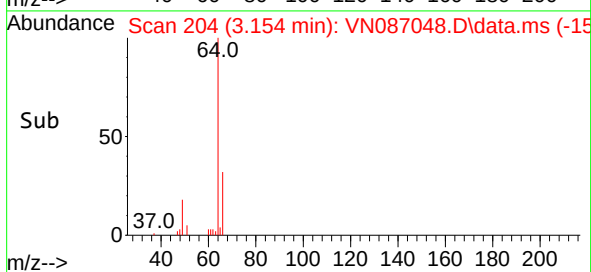
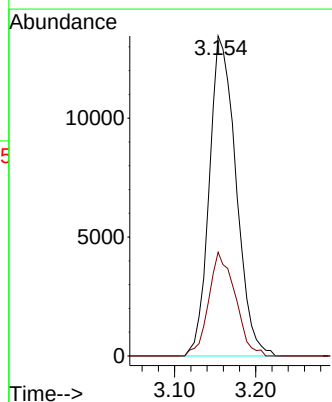
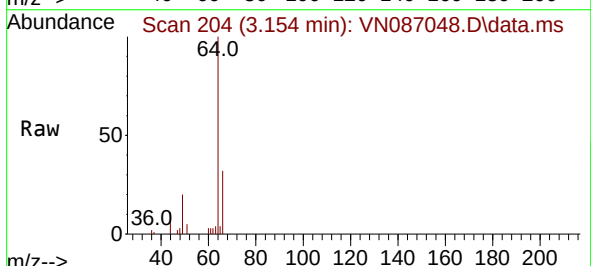
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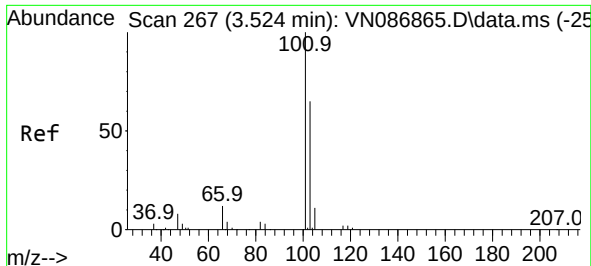
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#6
Chloroethane
Concen: 21.981 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
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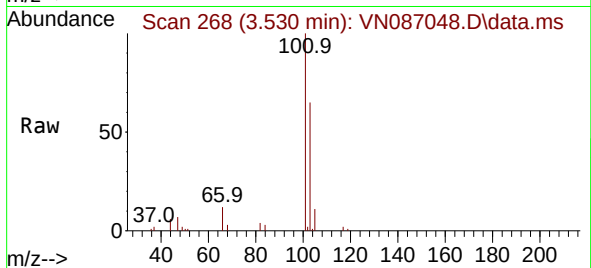
Tgt Ion: 64 Resp: 30760
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 21.310 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

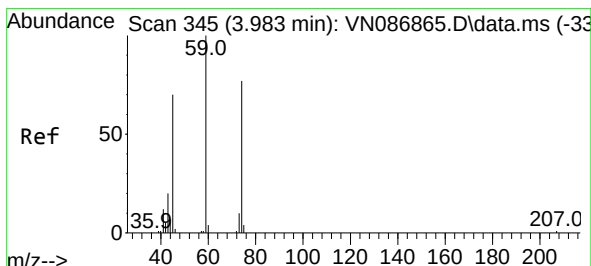
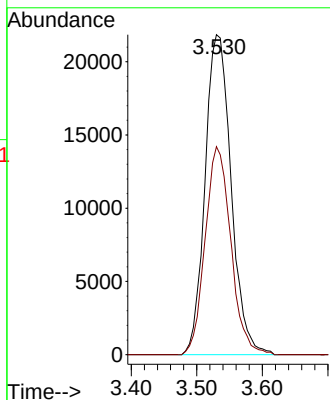
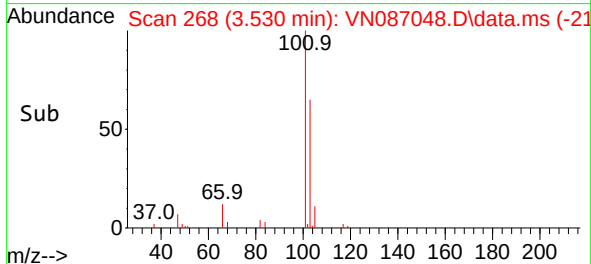
Instrument :
MSVOA_N
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VN0617MBS01



Tgt Ion:101 Resp: 60319
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

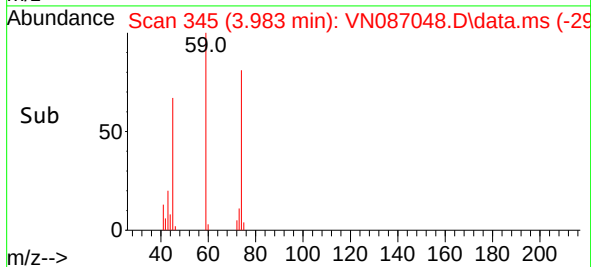
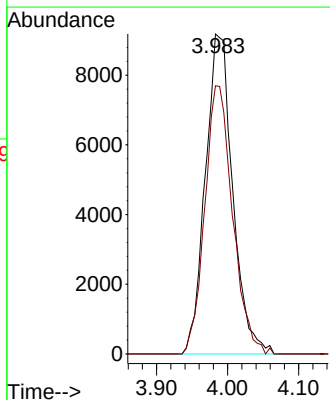
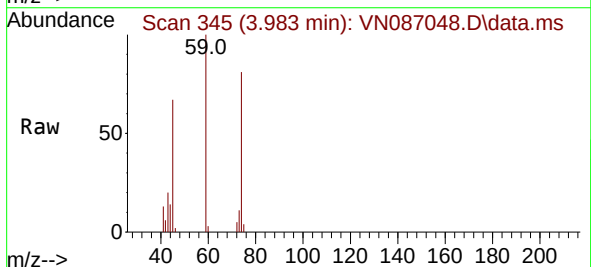
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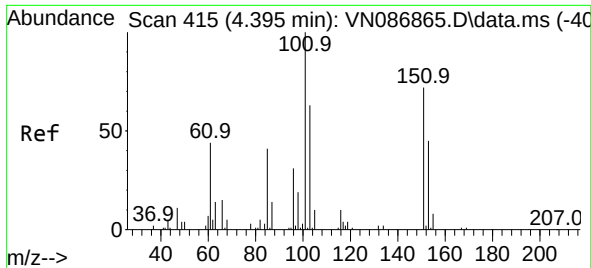
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#8
Diethyl Ether
Concen: 19.956 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion: 74 Resp: 24611
Ion Ratio Lower Upper
74 100
45 85.2 45.5 136.5





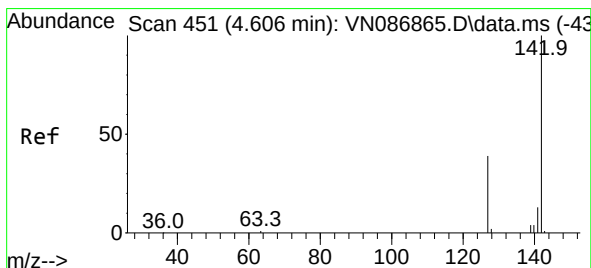
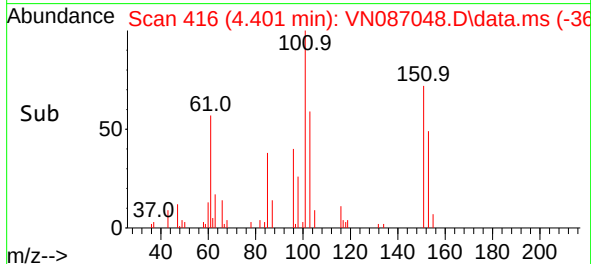
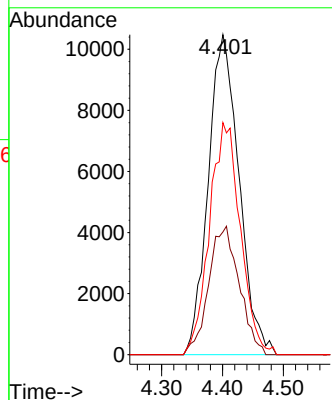
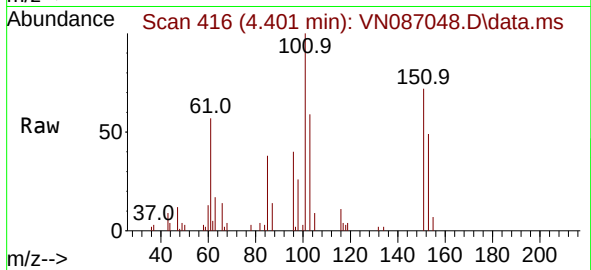
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.740 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion:101 Resp: 36884
Ion Ratio Lower Upper
101 100
85 39.8 33.8 50.8
151 72.6 58.7 88.1

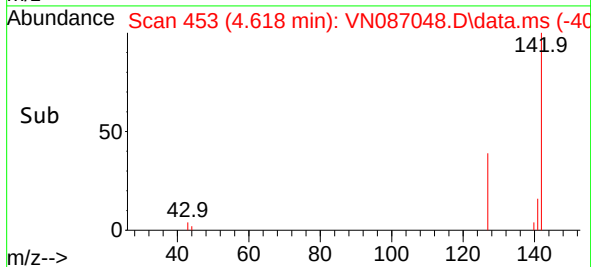
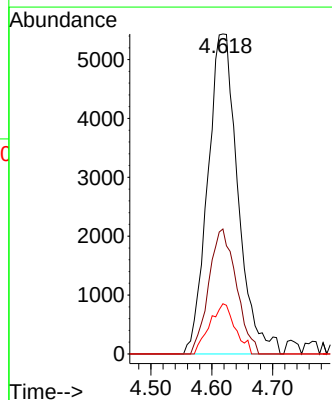
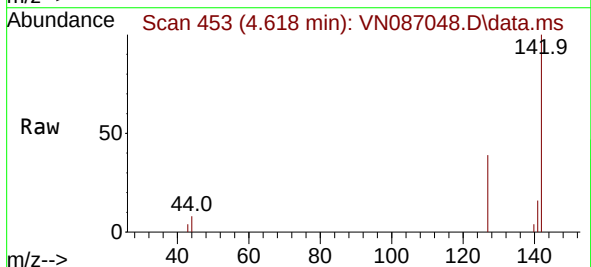
Manual Integrations
APPROVED

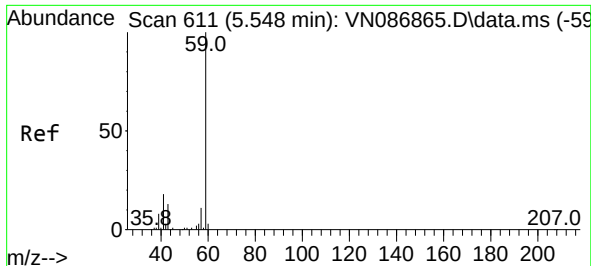
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#10
Methyl Iodide
Concen: 8.125 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

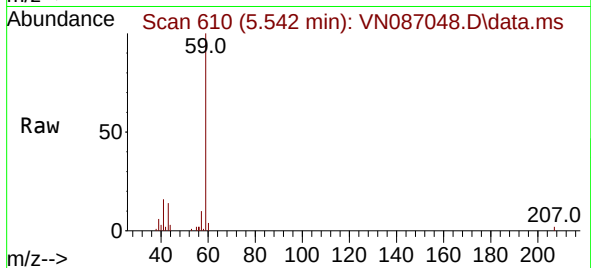
Tgt Ion:142 Resp: 18731
Ion Ratio Lower Upper
142 100
127 39.0 30.9 46.3
141 15.7 10.4 15.6#





#11
Tert butyl alcohol
Concen: 84.636 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

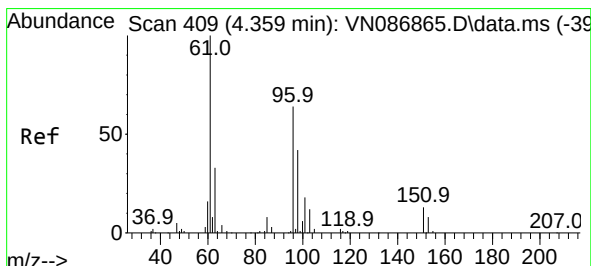
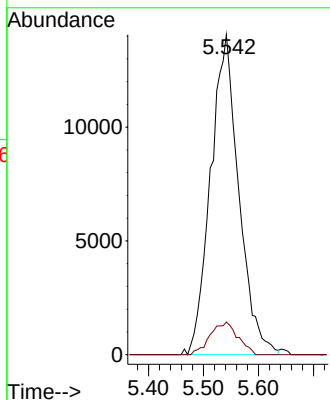
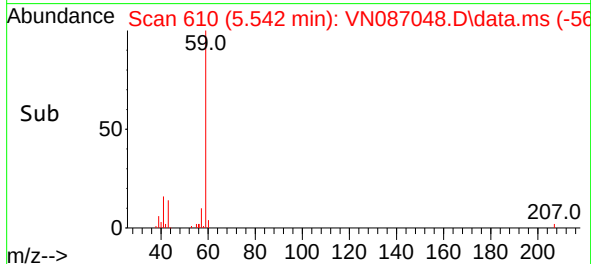
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



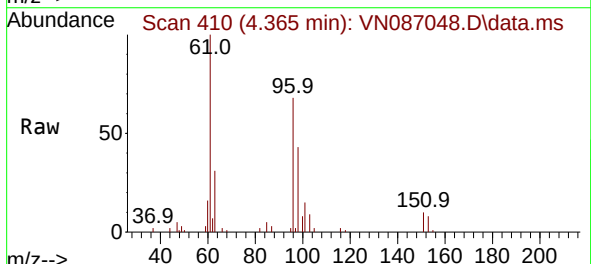
Tgt Ion: 59 Resp: 50150
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

Manual Integrations
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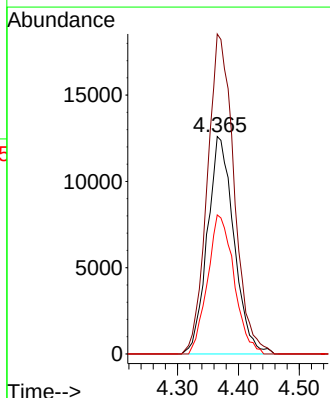
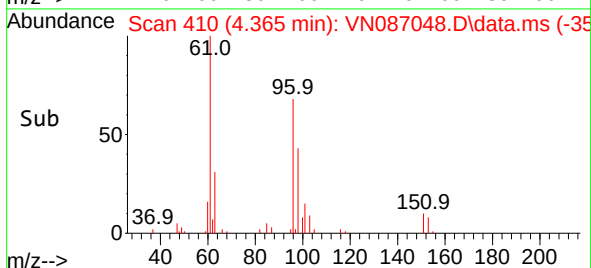
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

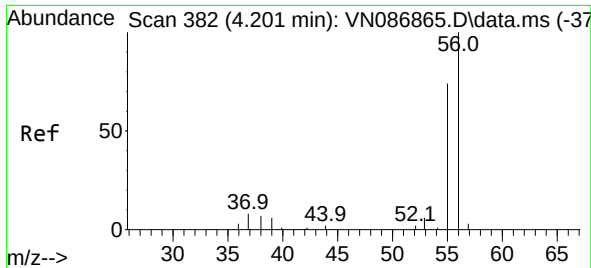


#12
1,1-Dichloroethene
Concen: 20.999 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



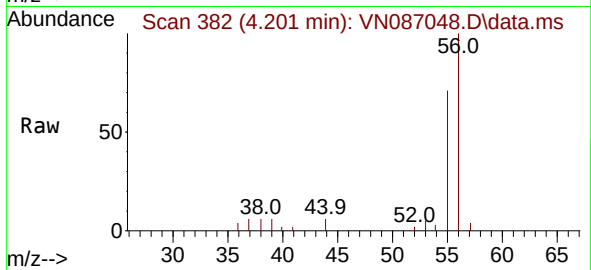
Tgt Ion: 96 Resp: 38125
Ion Ratio Lower Upper
96 100
61 147.2 125.8 188.6
98 63.9 52.5 78.7





#13
Acrolein
Concen: 164.591 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

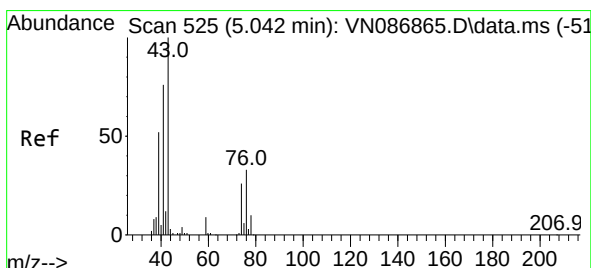
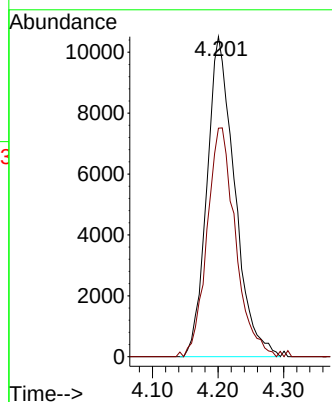
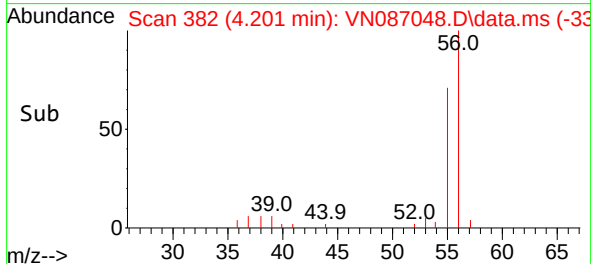
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



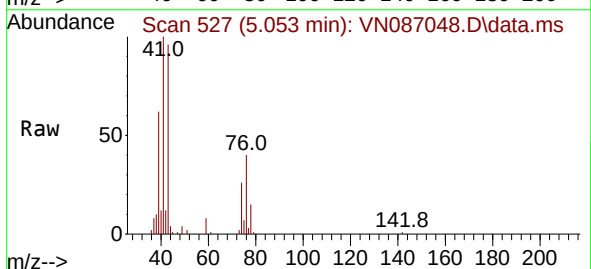
Tgt Ion: 56 Resp: 30874
Ion Ratio Lower Upper
56 100
55 73.5 55.6 83.4

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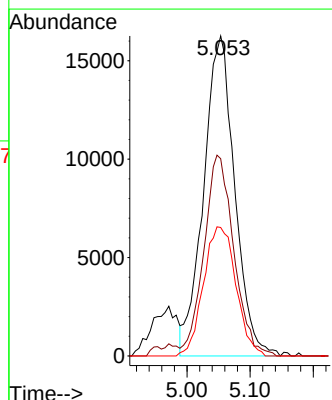
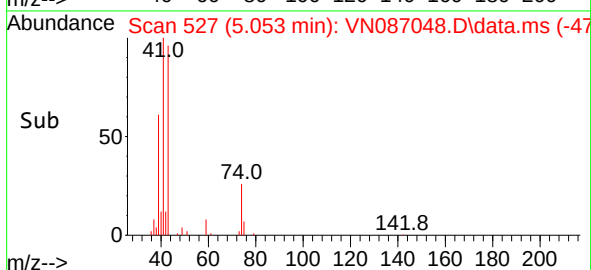
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

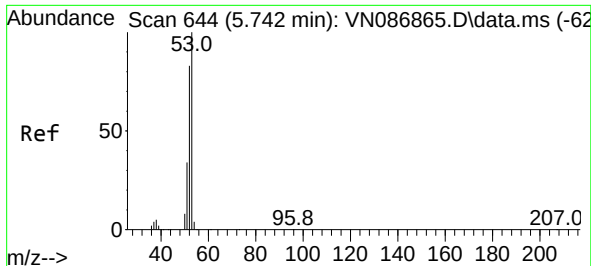


#14
Allyl chloride
Concen: 18.506 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



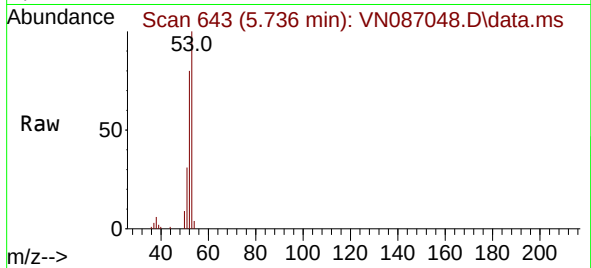
Tgt Ion: 41 Resp: 55721
Ion Ratio Lower Upper
41 100
39 60.3 51.3 76.9
76 42.0 31.4 47.0





#15
Acrylonitrile
Concen: 92.526 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

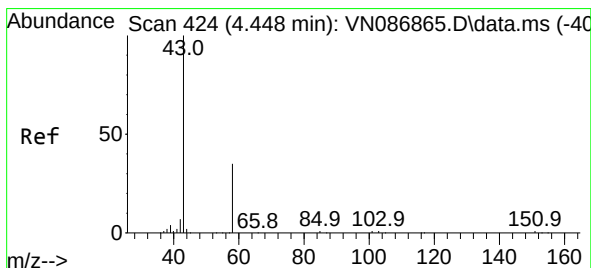
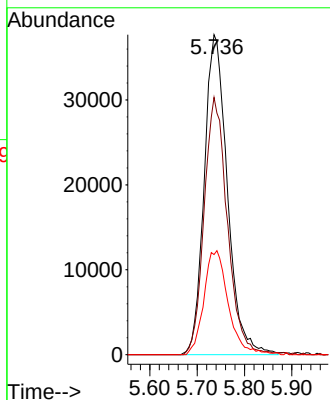
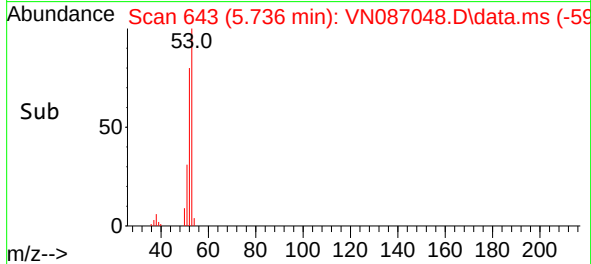
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 53 Resp: 128160
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.6
51 34.3 27.2 40.8

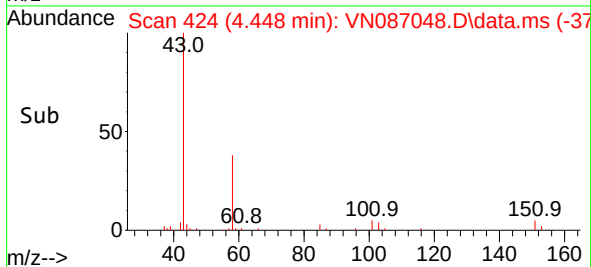
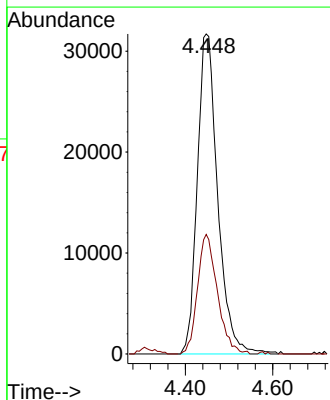
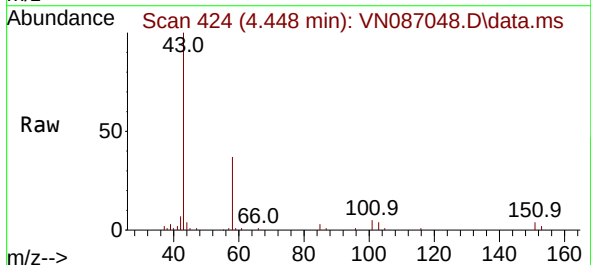
Manual Integrations
APPROVED

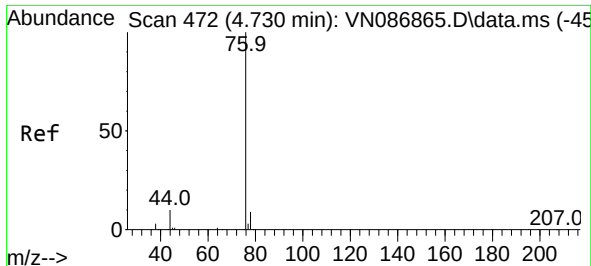
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#16
Acetone
Concen: 89.032 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

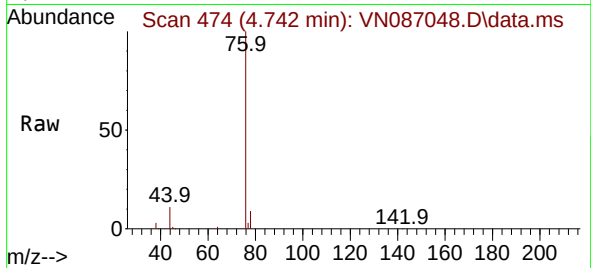
Tgt Ion: 43 Resp: 103116
Ion Ratio Lower Upper
43 100
58 37.4 28.0 42.0





#17
Carbon Disulfide
Concen: 22.324 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

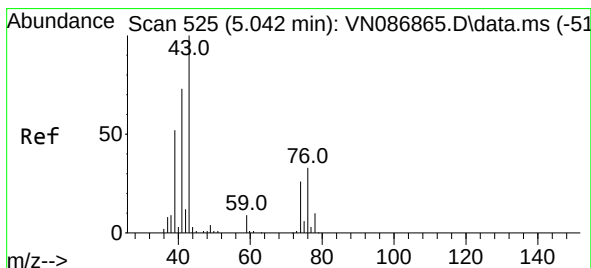
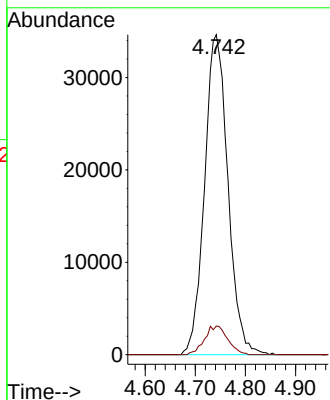
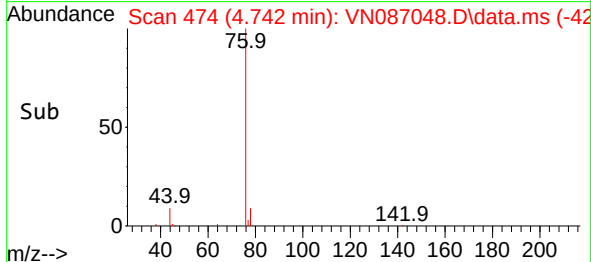
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 76 Resp: 11211
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

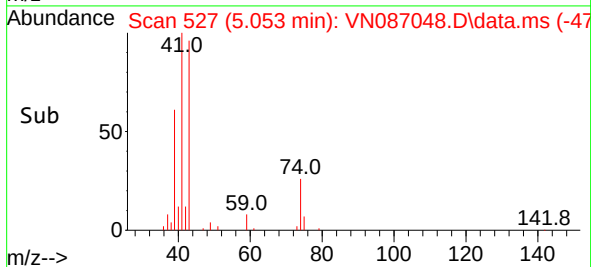
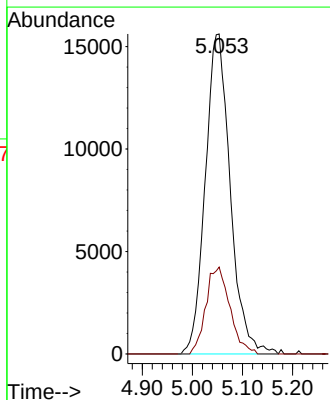
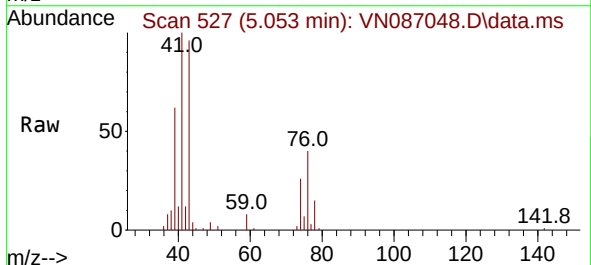
Manual Integrations
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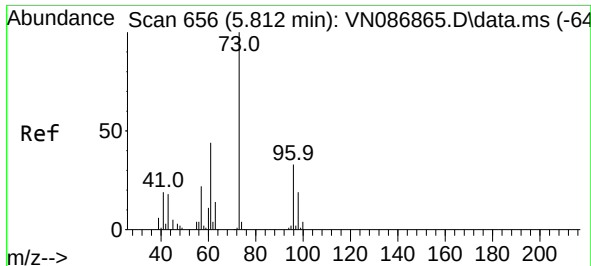
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#18
Methyl Acetate
Concen: 16.010 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

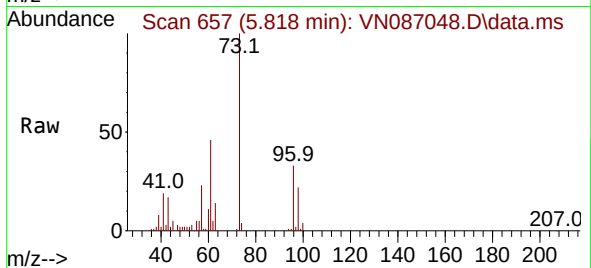
Tgt Ion: 43 Resp: 54037
Ion Ratio Lower Upper
43 100
74 26.0 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 19.241 ug/l
RT: 5.818 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

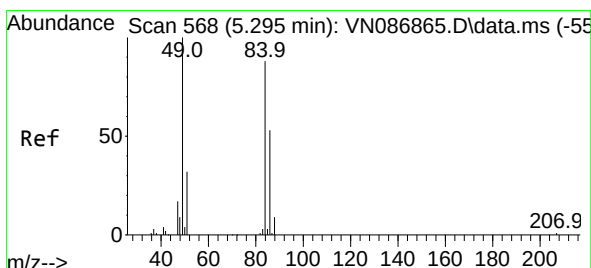
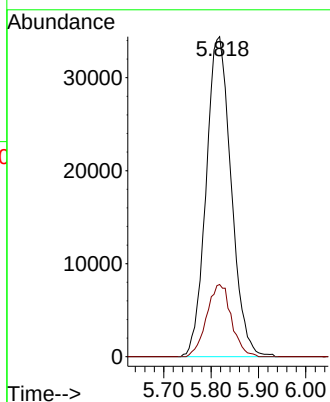
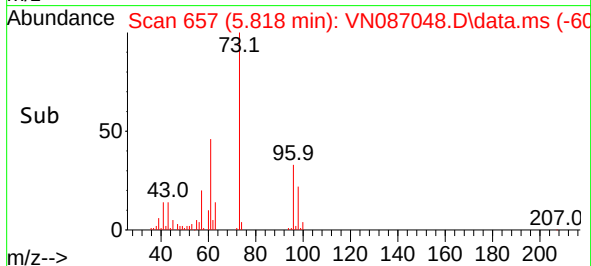
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 73 Resp: 126480
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

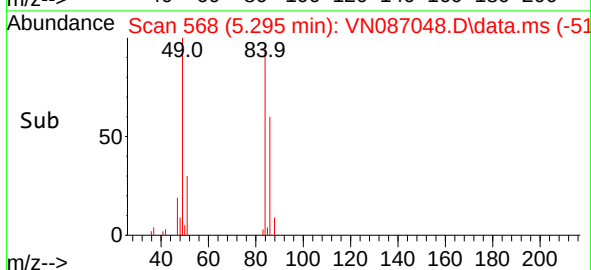
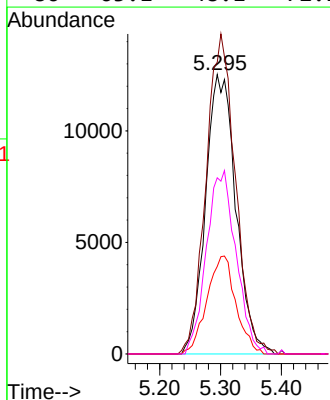
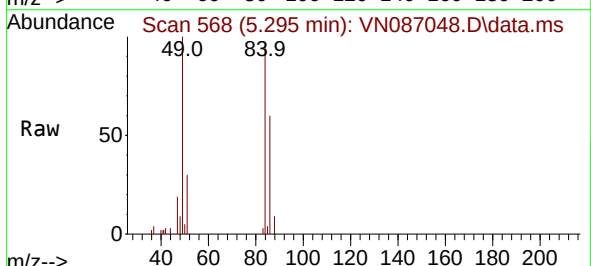
Manual Integrations
APPROVED

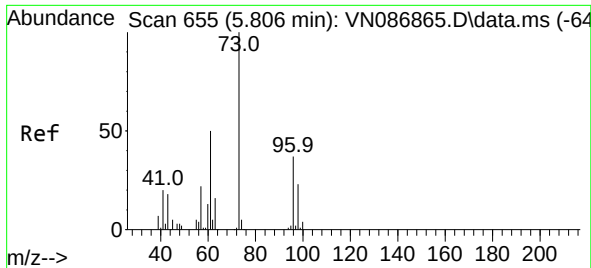
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#20
Methylene Chloride
Concen: 19.947 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

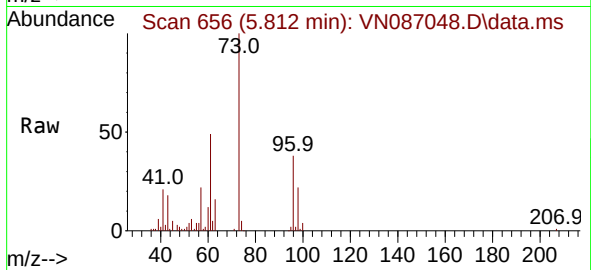
Tgt Ion: 84 Resp: 43251
Ion Ratio Lower Upper
84 100
49 104.4 90.5 135.7
51 31.3 28.5 42.7
86 63.1 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 20.368 ug/l
RT: 5.812 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

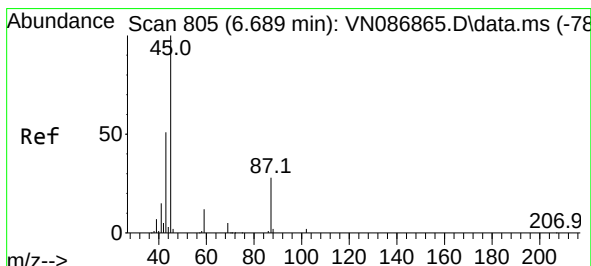
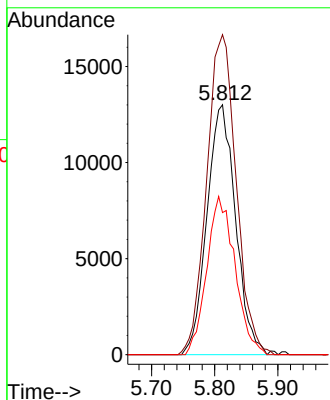
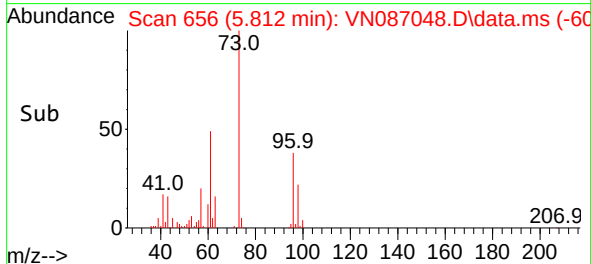
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 96 Resp: 4114
Ion Ratio Lower Upper
96 100
61 128.1 109.2 163.8
98 56.8 49.8 74.8

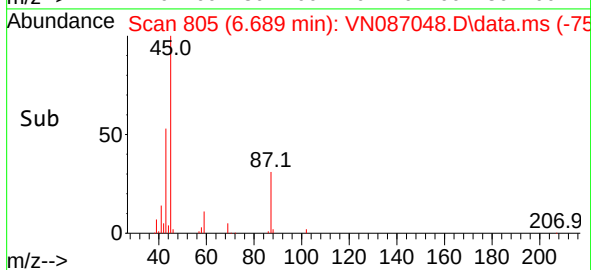
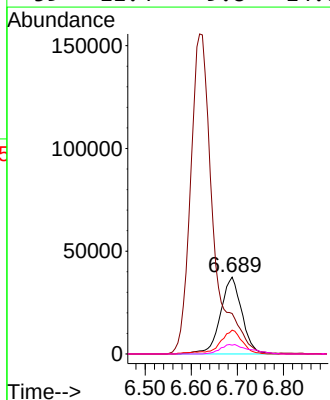
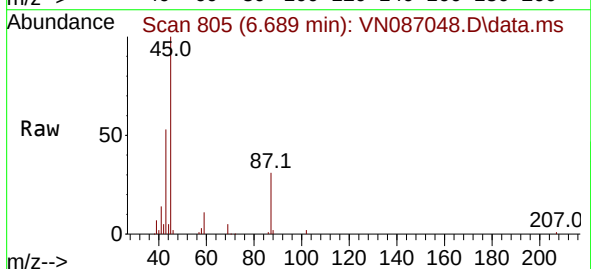
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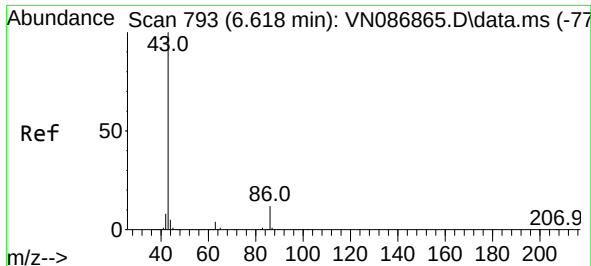
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#22
Diisopropyl ether
Concen: 18.935 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

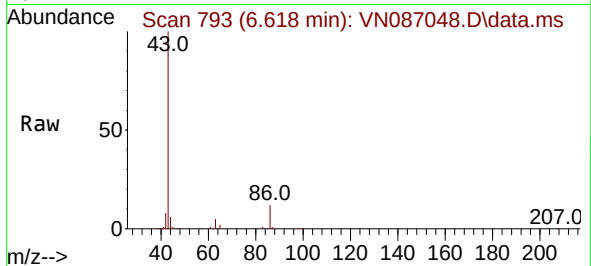
Tgt Ion: 45 Resp: 120179
Ion Ratio Lower Upper
45 100
43 51.9 41.9 62.9
87 31.0 22.4 33.6
59 11.4 9.8 14.6





#23
 Vinyl Acetate
 Concen: 97.976 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087048.D
 Acq: 17 Jun 2025 10:41

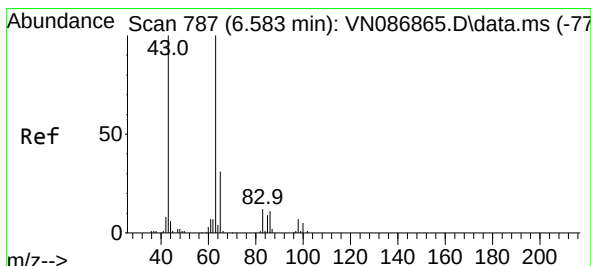
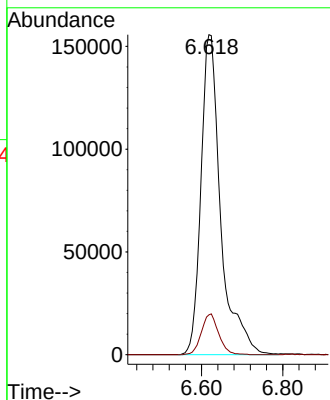
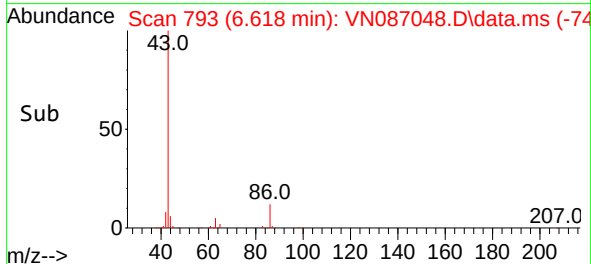
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617MBS01



Tgt Ion: 43 Resp: 525399
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.5 14.3

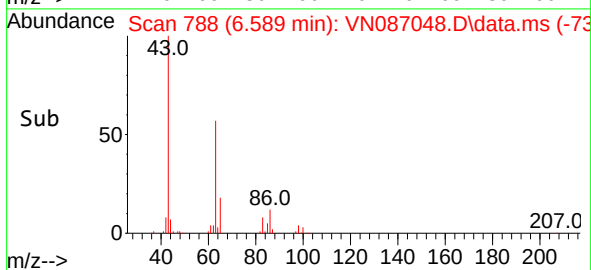
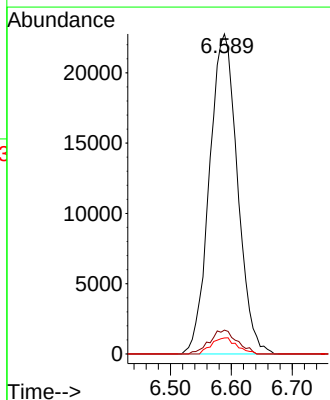
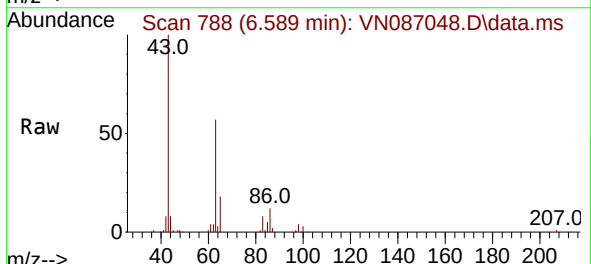
Manual Integrations
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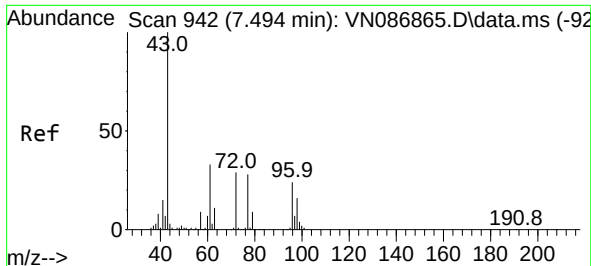
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025



#24
 1,1-Dichloroethane
 Concen: 19.931 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087048.D
 Acq: 17 Jun 2025 10:41

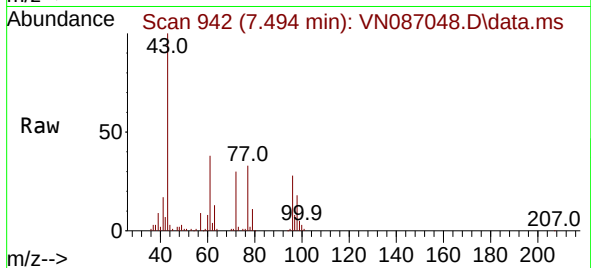
Tgt Ion: 63 Resp: 72799
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 5.0 2.6 7.8





#25
2-Butanone
Concen: 85.628 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

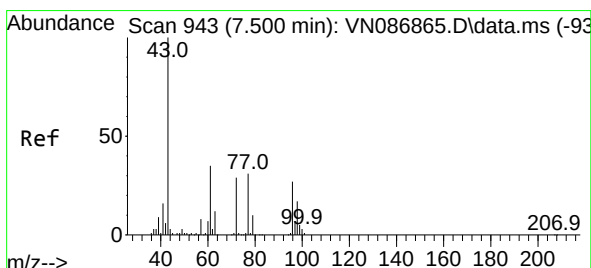
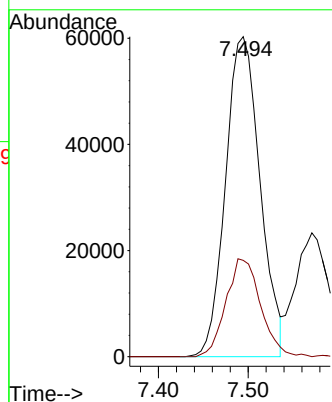
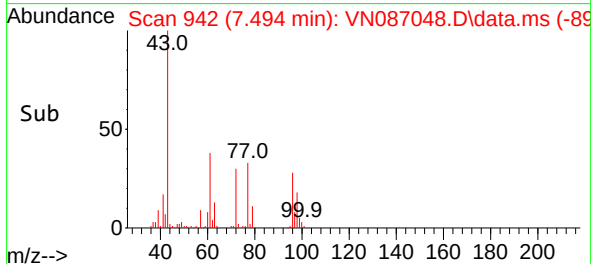
Instrument :
MSVOA_N
Client Sample Id :
VN0617MBS01



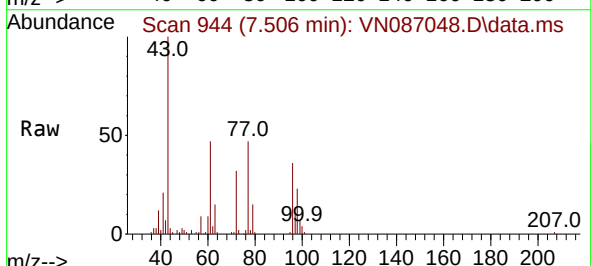
Tgt Ion: 43 Resp: 161204
Ion Ratio Lower Upper
43 100
72 30.1 23.0 34.6

Manual Integrations
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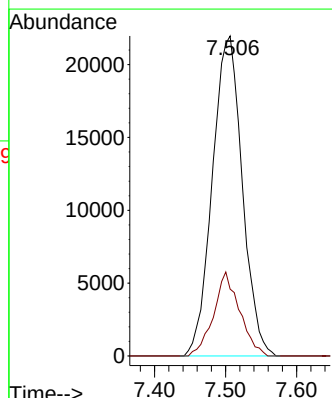
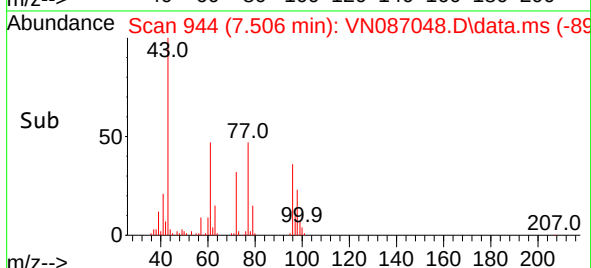
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

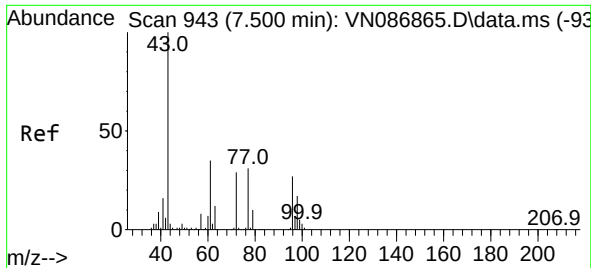


#26
2,2-Dichloropropane
Concen: 22.601 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



Tgt Ion: 77 Resp: 64216
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7





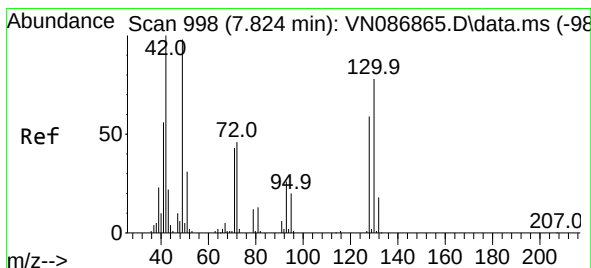
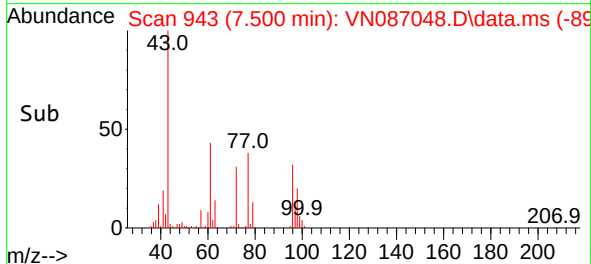
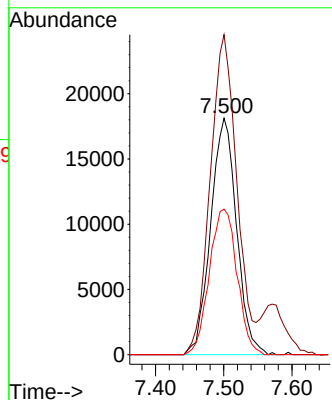
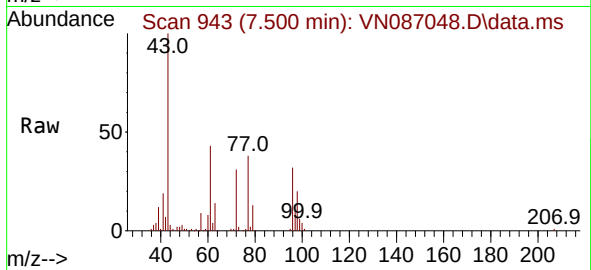
#27
 cis-1,2-Dichloroethene
 Concen: 19.917 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN087048.D
 Acq: 17 Jun 2025 10:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617MBS01

Tgt Ion: 96 Resp: 4811
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 278.0
 98 65.7 0.0 128.2

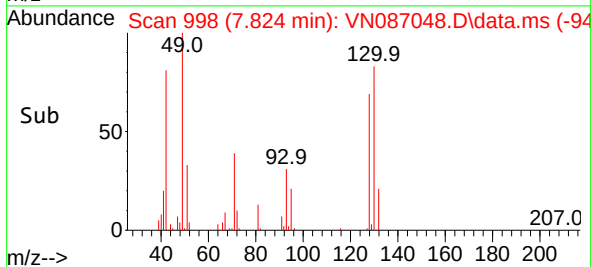
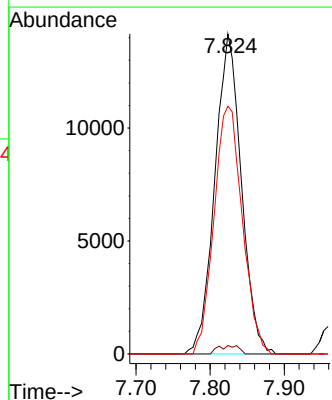
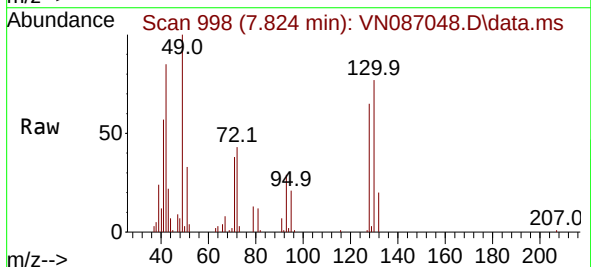
Manual Integrations
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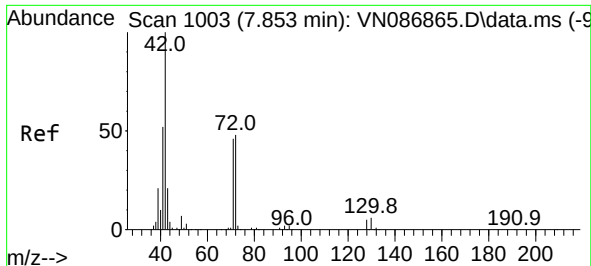
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025



#28
 Bromochloromethane
 Concen: 19.558 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN087048.D
 Acq: 17 Jun 2025 10:41

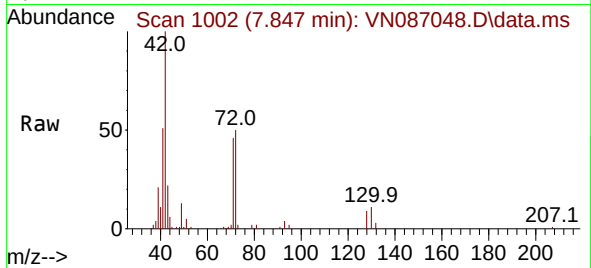
Tgt Ion: 49 Resp: 35124
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 82.7 62.2 93.2





#29
Tetrahydrofuran
Concen: 87.635 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

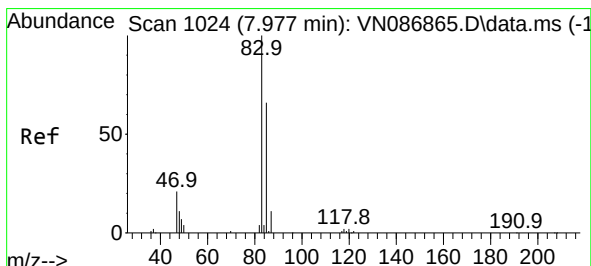
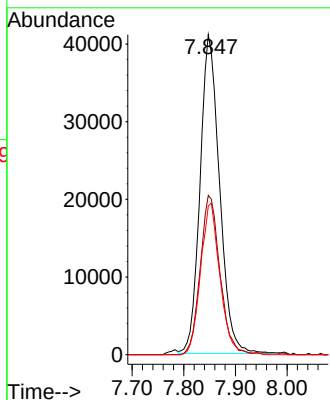
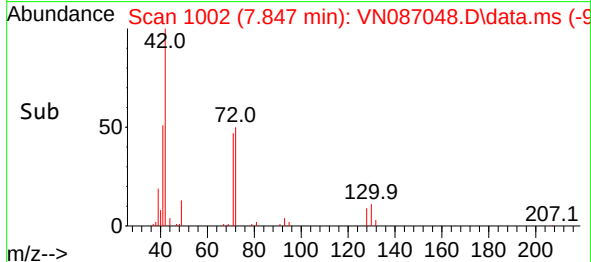
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 42 Resp: 107474
Ion Ratio Lower Upper
42 100
72 50.6 37.8 56.6
71 47.4 35.6 53.4

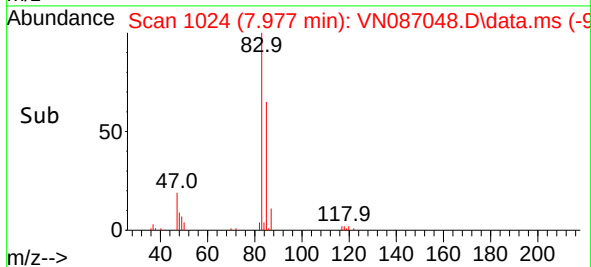
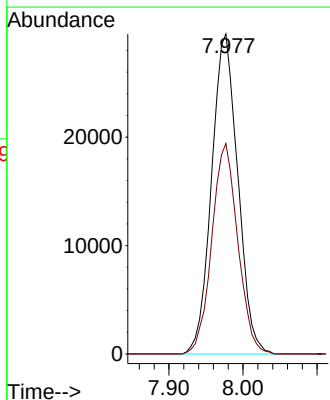
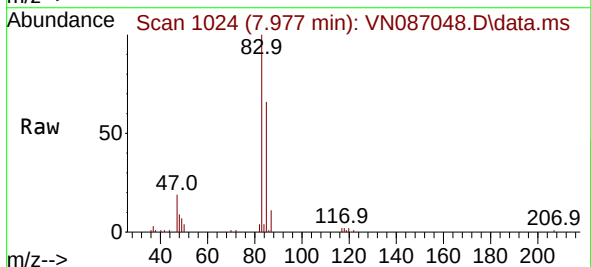
Manual Integrations
APPROVED

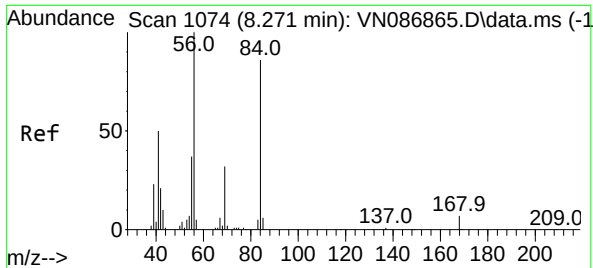
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#30
Chloroform
Concen: 19.901 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

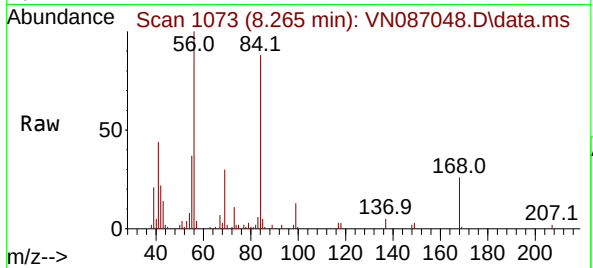
Tgt Ion: 83 Resp: 72591
Ion Ratio Lower Upper
83 100
85 65.8 52.9 79.3





#31
Cyclohexane
Concen: 18.934 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

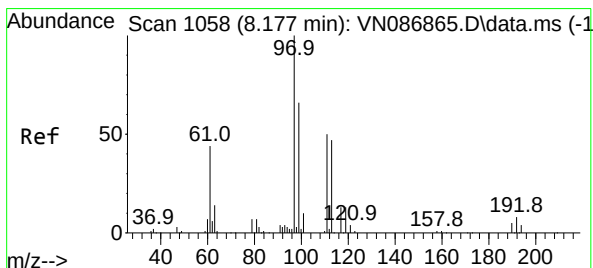
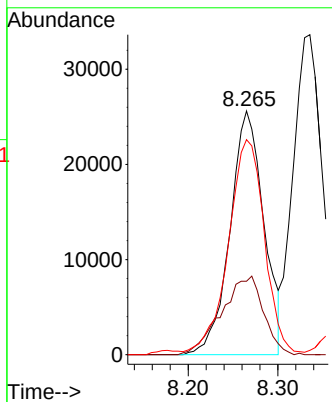
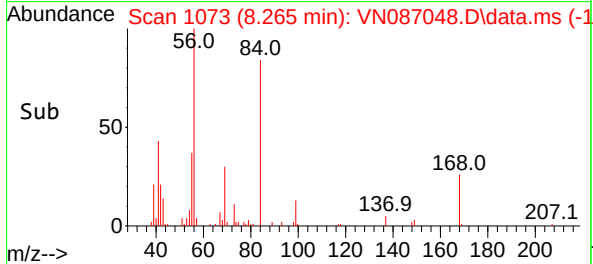
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



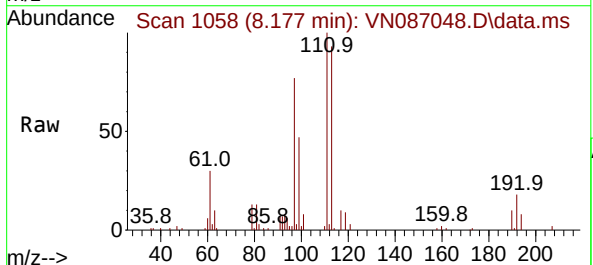
Tgt Ion: 56 Resp: 67070
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.0
84 86.8 68.8 103.2

Manual Integrations
APPROVED

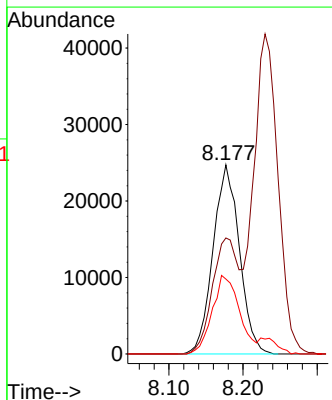
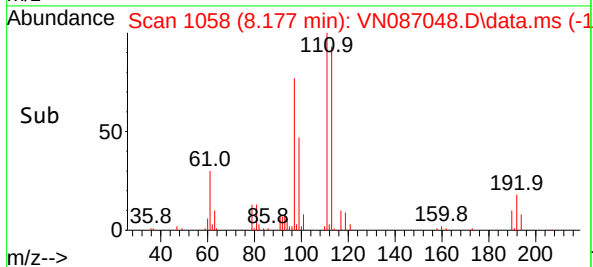
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

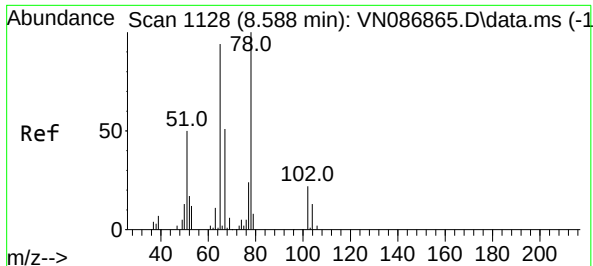


#32
1,1,1-Trichloroethane
Concen: 19.657 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



Tgt Ion: 97 Resp: 60984
Ion Ratio Lower Upper
97 100
99 58.3 52.0 78.0
61 43.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 40.857 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0617MBS01

Tgt Ion: 65 Resp: 8923

Ion Ratio Lower Upper

65 100

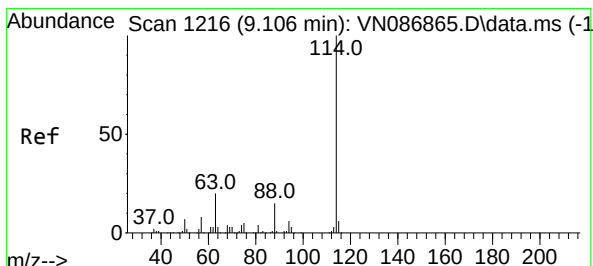
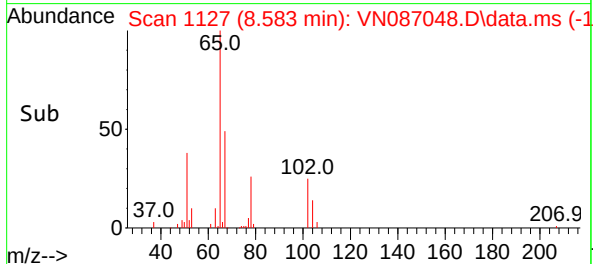
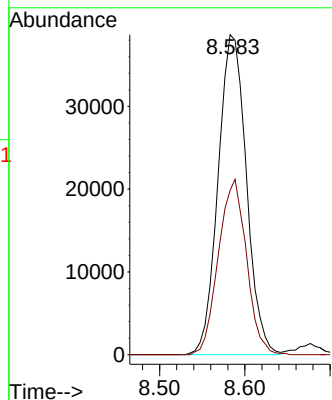
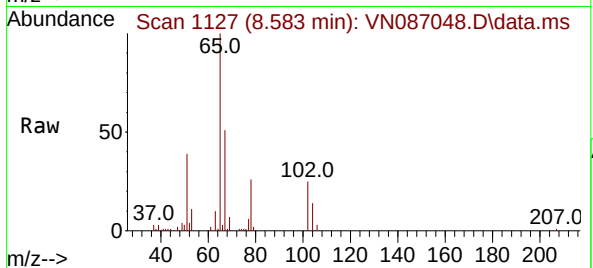
67 54.3 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025

Supervised By :Mahesh Dadoda 06/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

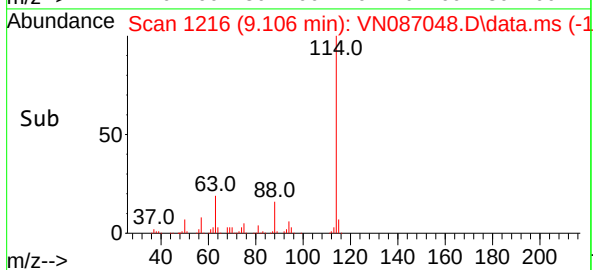
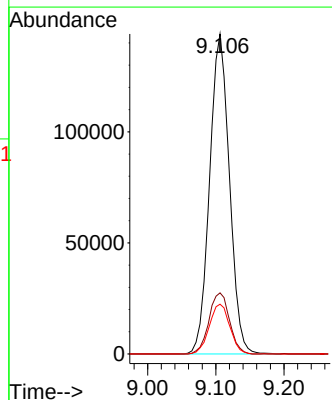
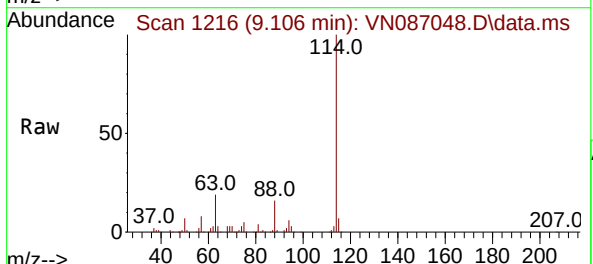
Tgt Ion:114 Resp: 291256

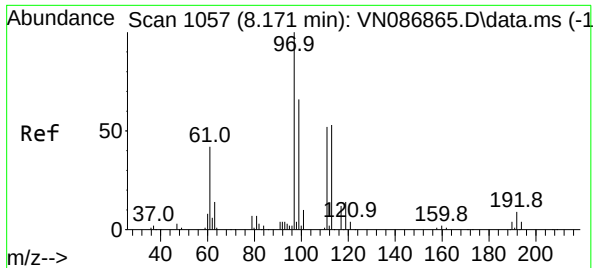
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

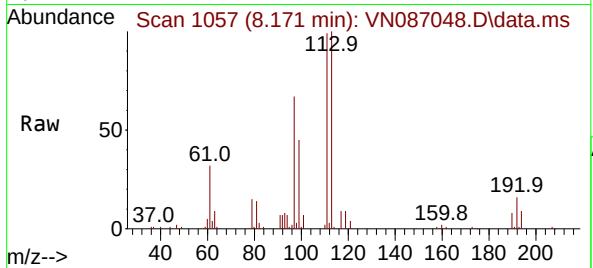
88 15.6 0.0 30.2





#35
Dibromofluoromethane
Concen: 44.315 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

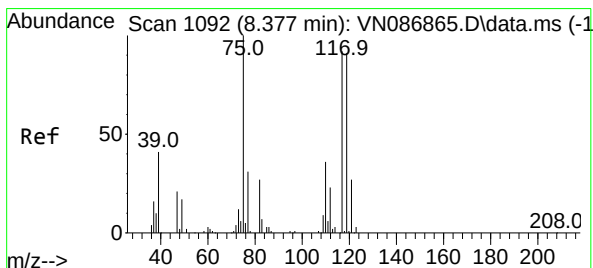
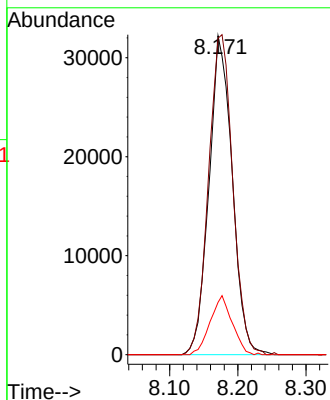
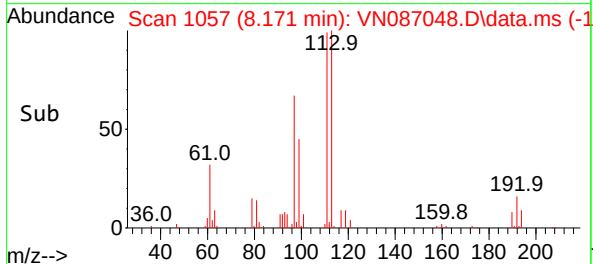
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 113 Resp: 76490
Ion Ratio Lower Upper
113 100
111 104.2 84.2 126.2
192 17.6 14.2 21.4

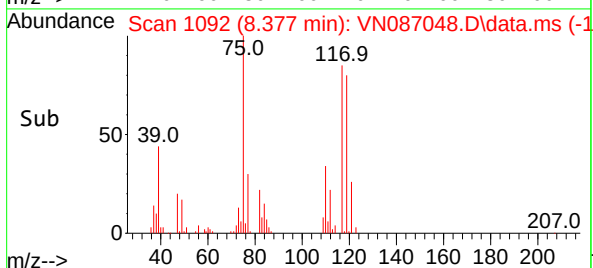
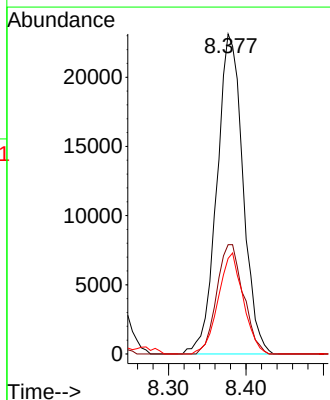
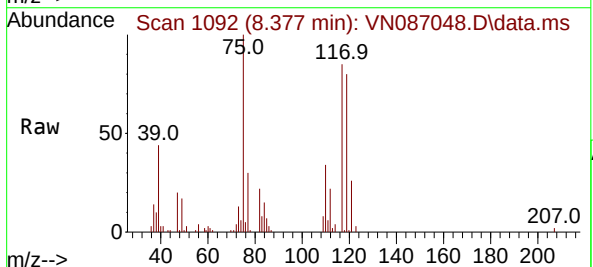
Manual Integrations
APPROVED

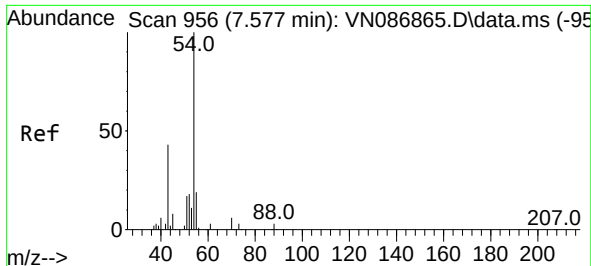
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#36
1,1-Dichloropropene
Concen: 21.028 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

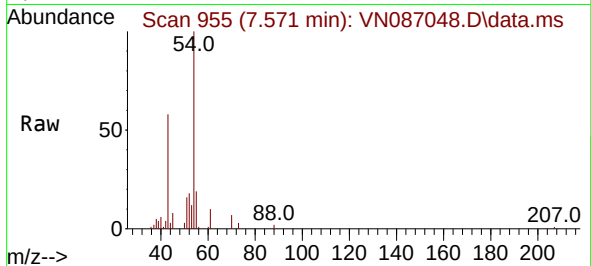
Tgt Ion: 75 Resp: 54085
Ion Ratio Lower Upper
75 100
110 34.9 17.6 52.9
77 30.3 25.3 37.9





#37
Ethyl Acetate
Concen: 18.760 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

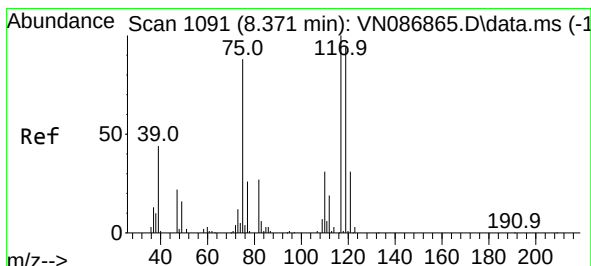
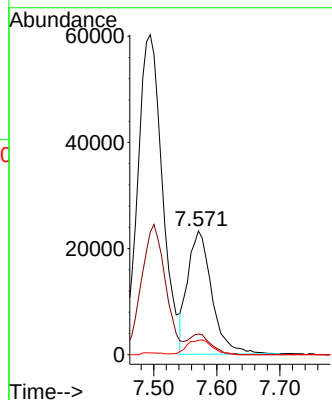
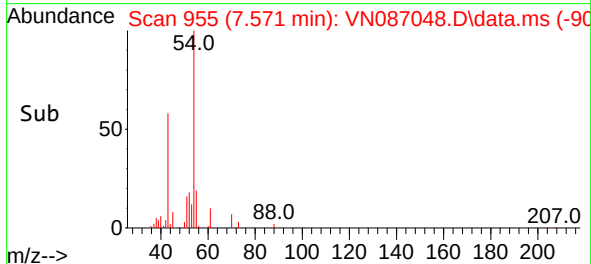
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 43 Resp: 6142
Ion Ratio Lower Upper
43 100
61 15.6 12.1 18.1
70 12.8 9.8 14.6

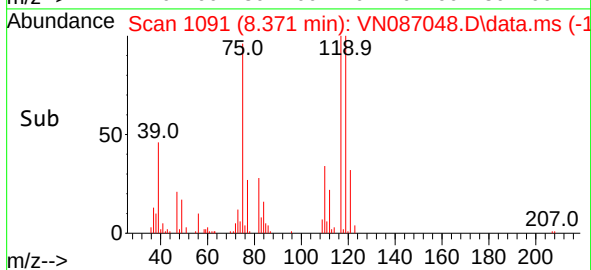
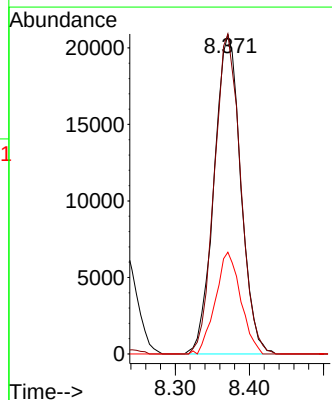
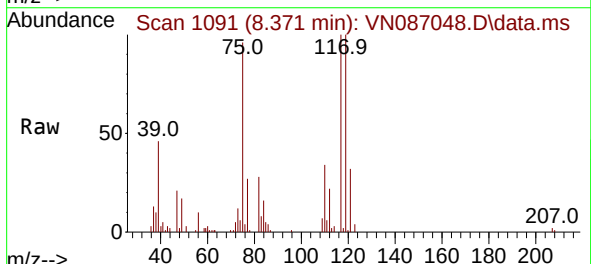
Manual Integrations
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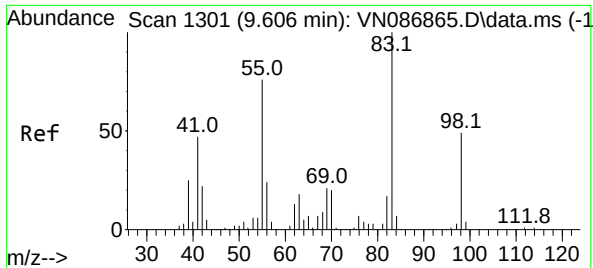
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#38
Carbon Tetrachloride
Concen: 20.679 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion:117 Resp: 52216
Ion Ratio Lower Upper
117 100
119 100.2 75.0 112.6
121 31.9 24.9 37.3





#39

Methylcyclohexane

Concen: 17.989 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0617MBS01

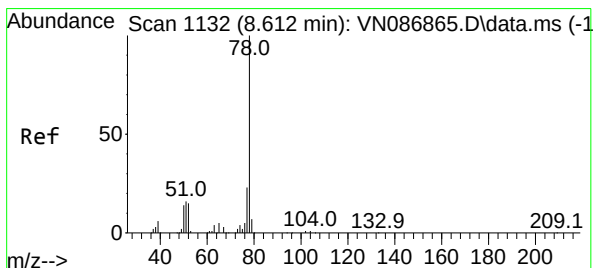
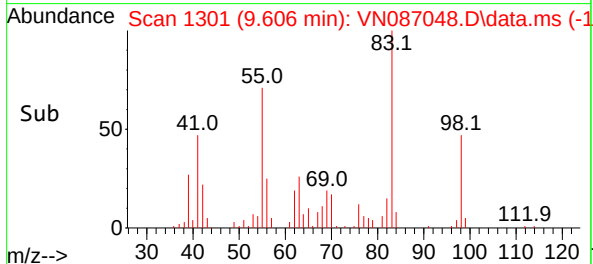
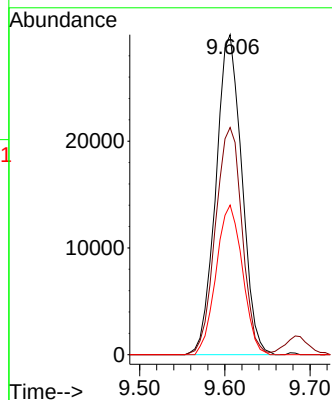
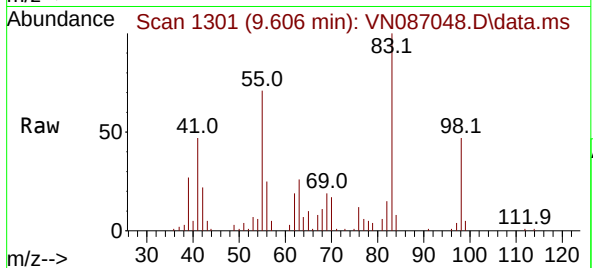
Tgt Ion: 83 Resp: 63390

Ion	Ratio	Lower	Upper
83	100		
55	71.0	61.0	91.6
98	46.7	38.9	58.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#40

Benzene

Concen: 20.505 ug/l

RT: 8.612 min Scan# 1132

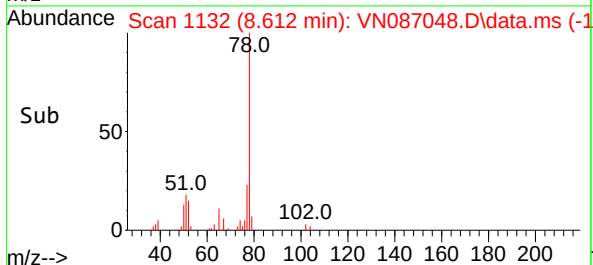
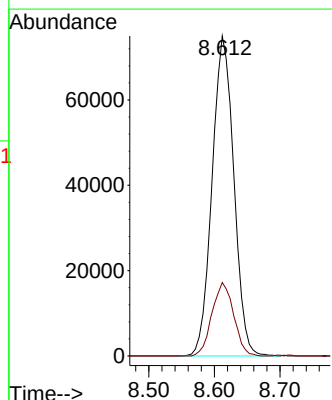
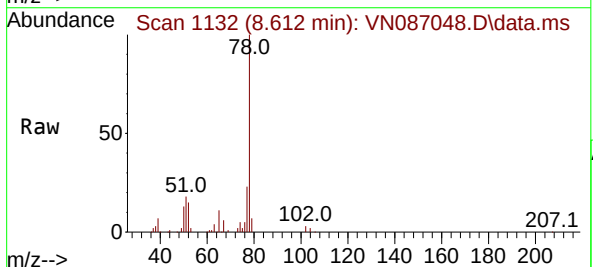
Delta R.T. 0.000 min

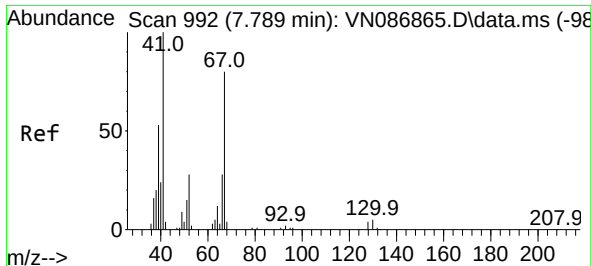
Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

Tgt Ion: 78 Resp: 172457

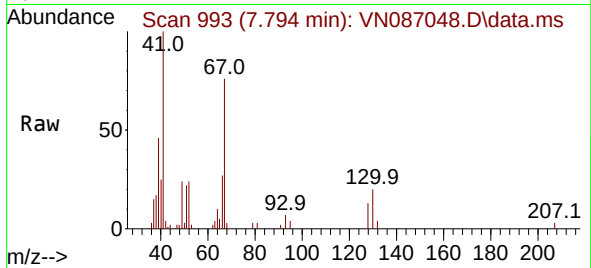
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





#41
Methacrylonitrile
Concen: 17.661 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

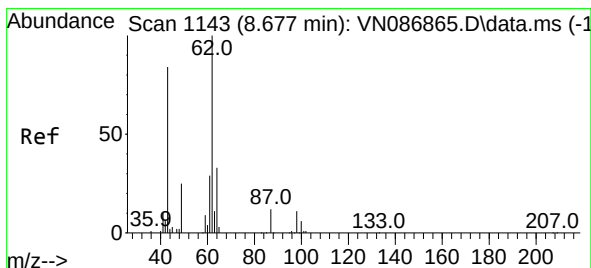
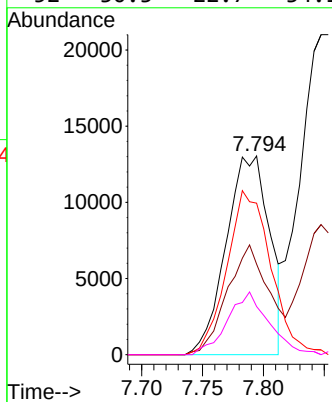
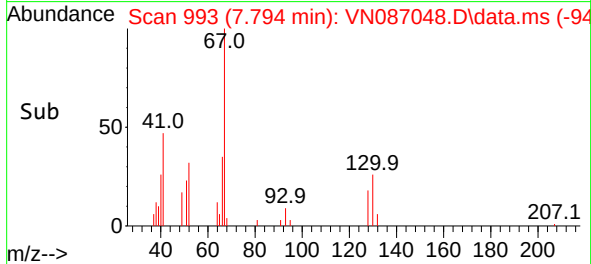
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 41 Resp: 32474
Ion Ratio Lower Upper
41 100
39 53.7 41.2 61.8
67 83.7 61.4 92.2
52 30.3 22.7 34.1

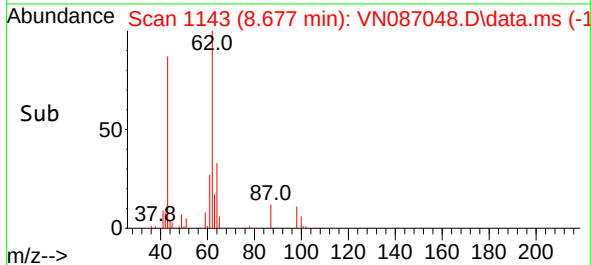
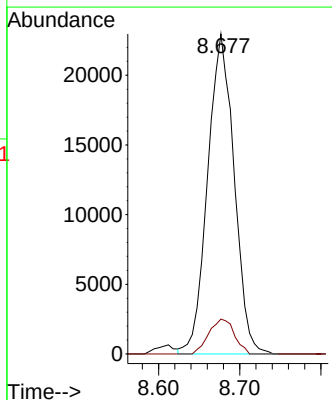
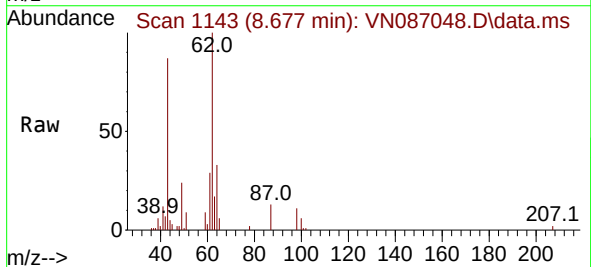
Manual Integrations
APPROVED

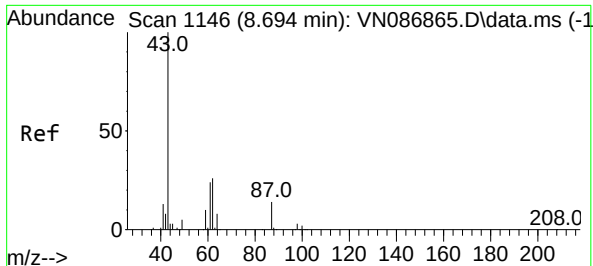
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#42
1,2-Dichloroethane
Concen: 20.411 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

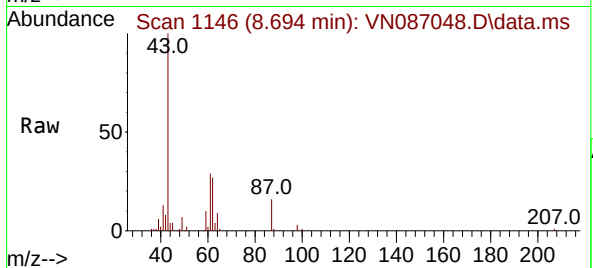
Tgt Ion: 62 Resp: 52067
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.2





#43
Isopropyl Acetate
Concen: 18.533 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

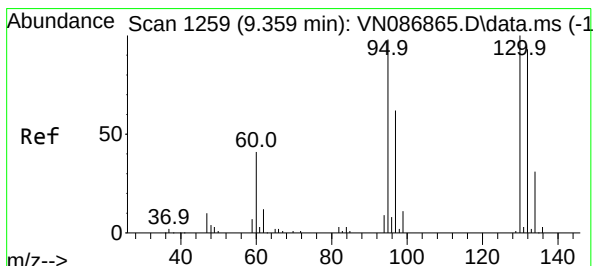
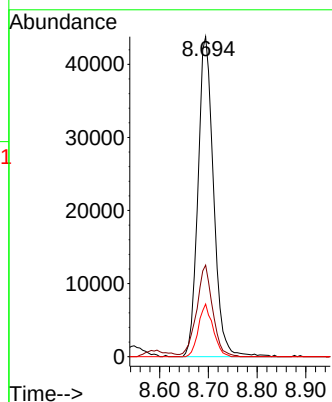
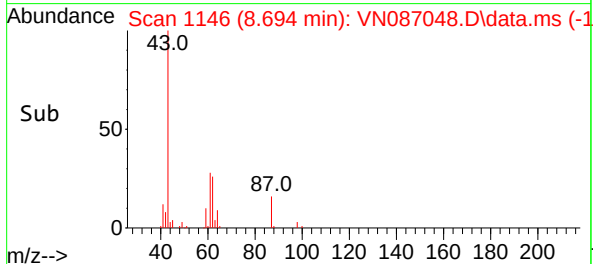
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



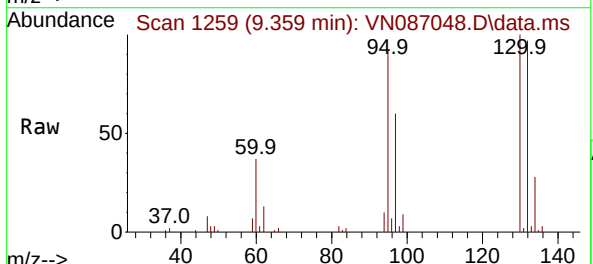
Tgt Ion: 43 Resp: 97394
Ion Ratio Lower Upper
43 100
61 29.5 22.1 33.1
87 15.3 11.8 17.6

Manual Integrations
APPROVED

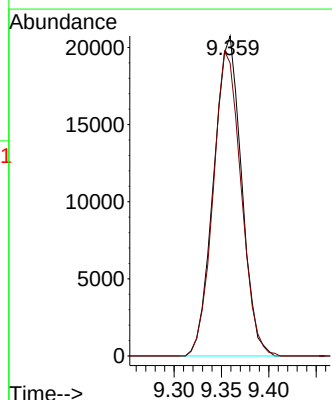
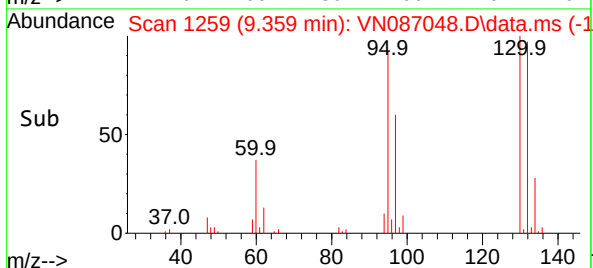
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

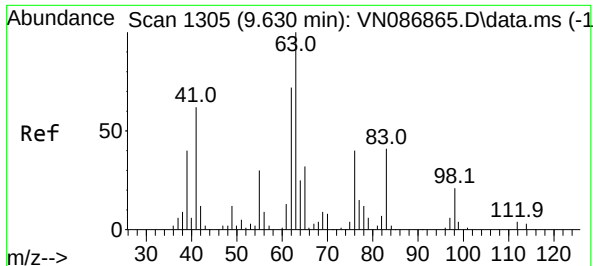


#44
Trichloroethene
Concen: 21.287 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



Tgt Ion:130 Resp: 42452
Ion Ratio Lower Upper
130 100
95 91.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.392 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0617MBS01

Tgt Ion: 63 Resp: 41720

Ion Ratio Lower Upper

63 100

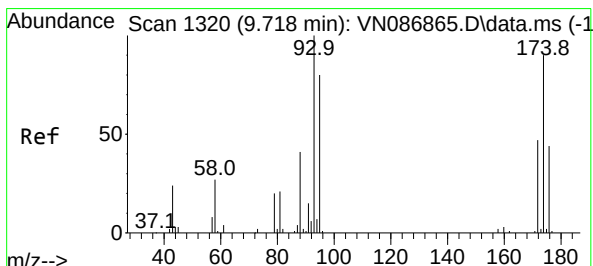
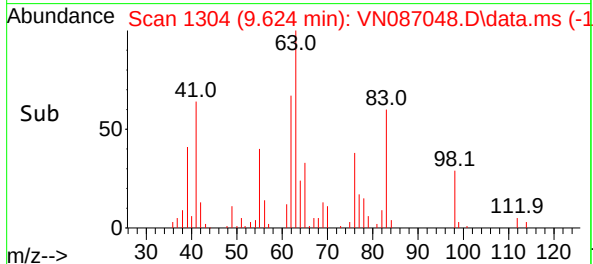
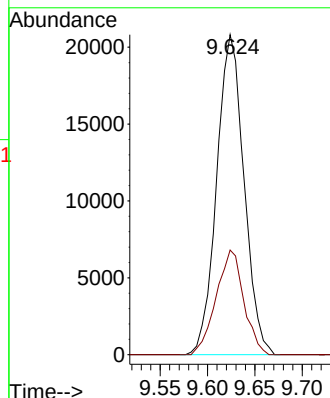
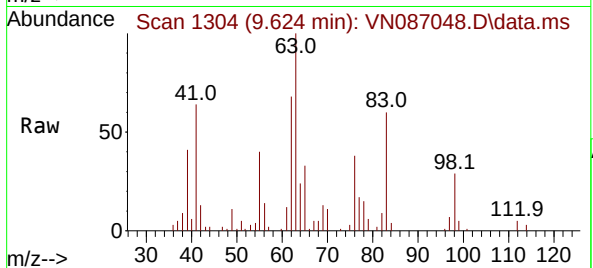
65 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025

Supervised By :Mahesh Dadoda 06/18/2025



#46

Dibromomethane

Concen: 21.439 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

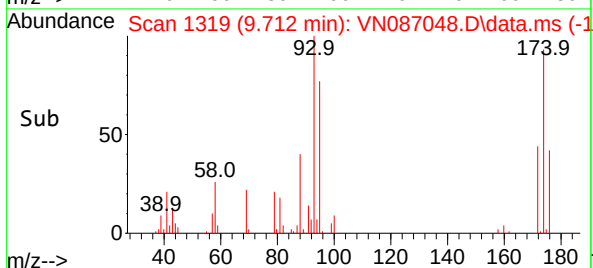
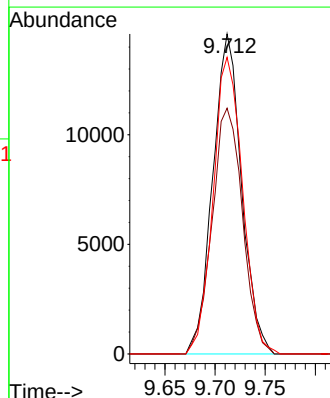
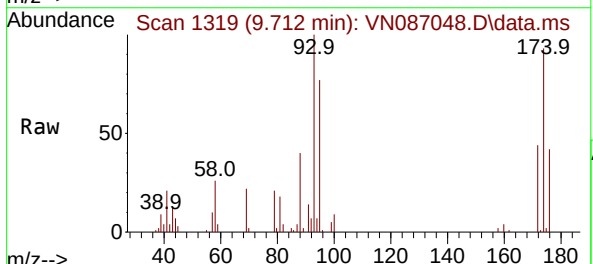
Tgt Ion: 93 Resp: 29137

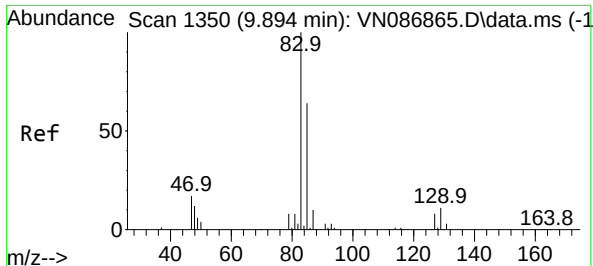
Ion Ratio Lower Upper

93 100

95 81.3 67.1 100.7

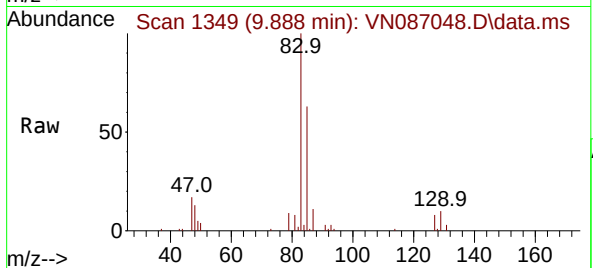
174 94.6 74.2 111.4





#47
Bromodichloromethane
Concen: 20.268 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

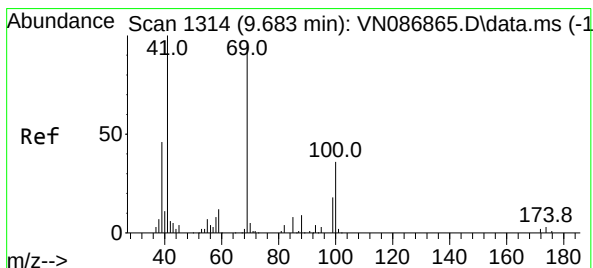
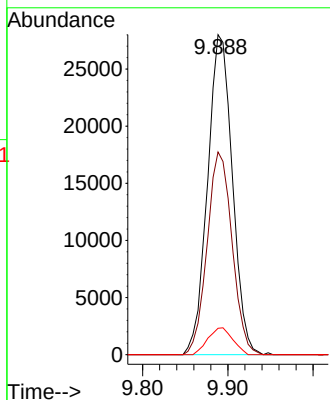
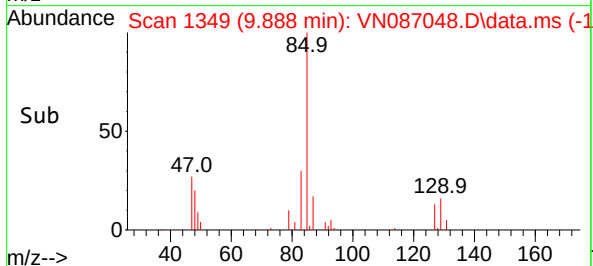
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



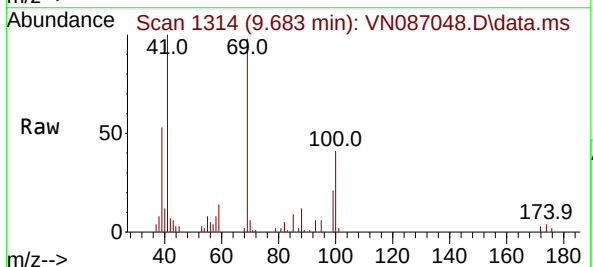
Tgt Ion: 83 Resp: 56674
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3
127 8.3 6.6 10.0

Manual Integrations
APPROVED

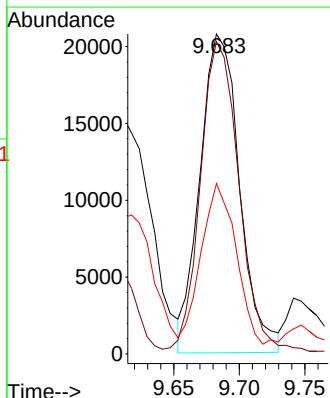
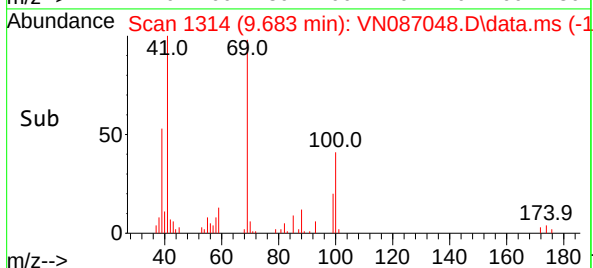
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

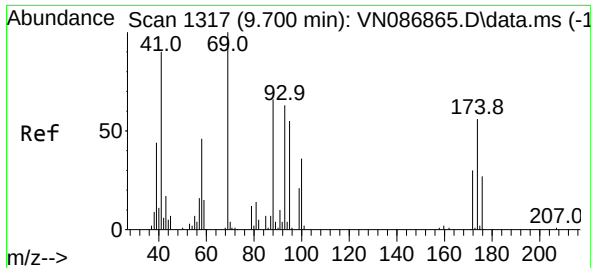


#48
Methyl methacrylate
Concen: 18.030 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



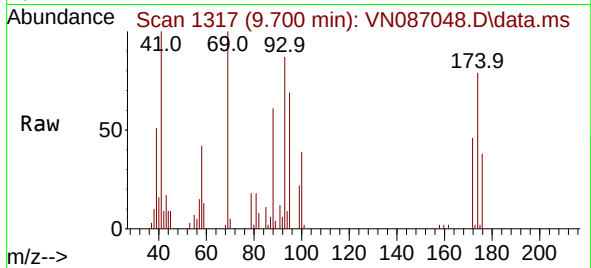
Tgt Ion: 41 Resp: 43609
Ion Ratio Lower Upper
41 100
69 97.1 74.6 112.0
39 49.5 40.2 60.4





#49
1,4-Dioxane
Concen: 375.464 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

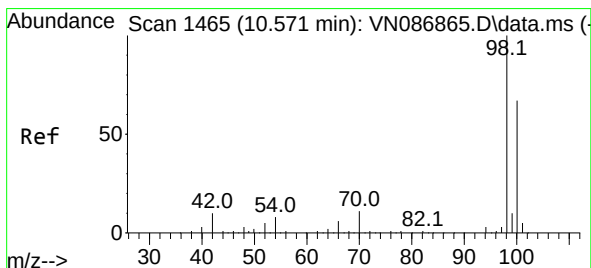
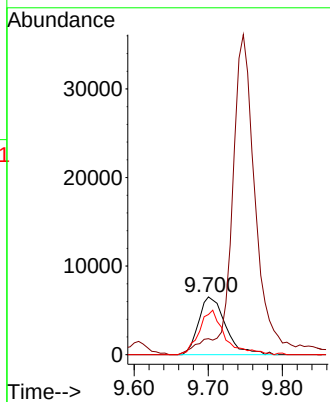
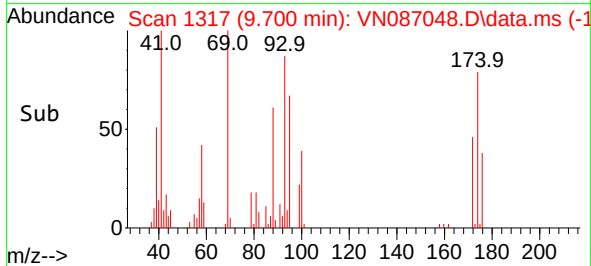
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



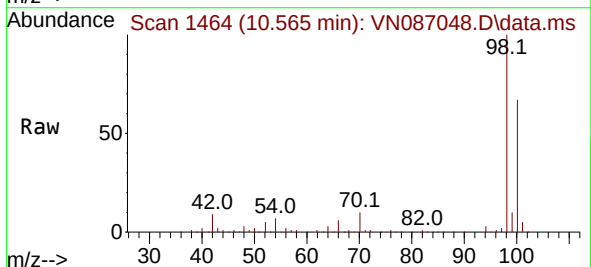
Tgt Ion: 88 Resp: 1652
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.8 57.7 86.5

Manual Integrations
APPROVED

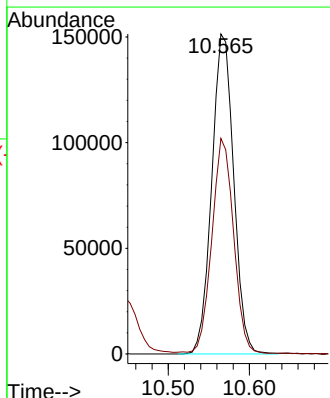
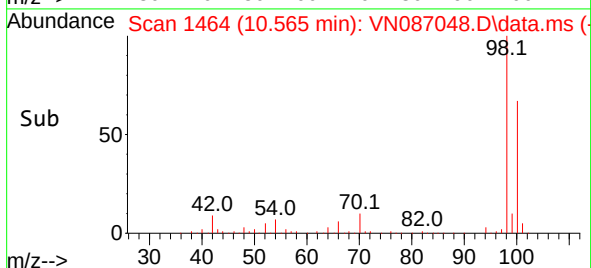
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

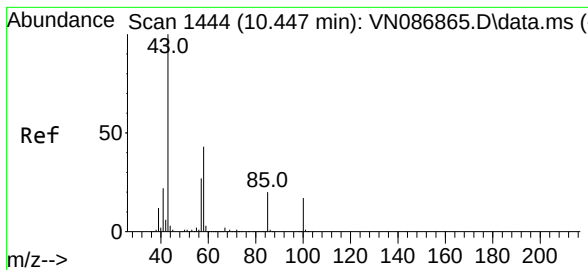


#50
Toluene-d8
Concen: 41.587 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



Tgt Ion: 98 Resp: 284166
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0





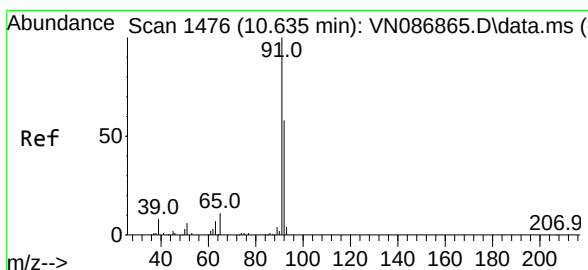
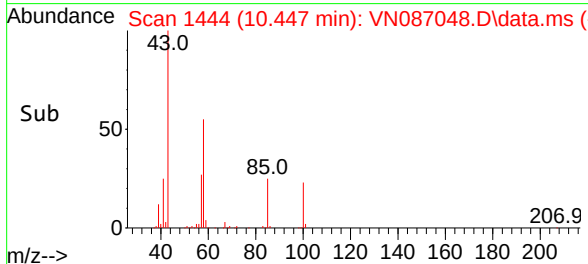
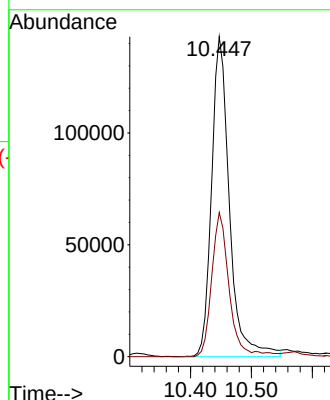
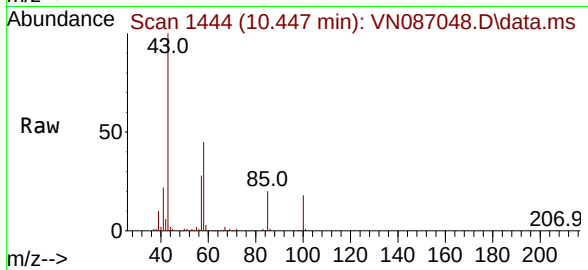
#51
4-Methyl-2-Pentanone
Concen: 91.938 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion: 43 Resp: 29085
Ion Ratio Lower Upper
43 100
58 44.3 34.2 51.4

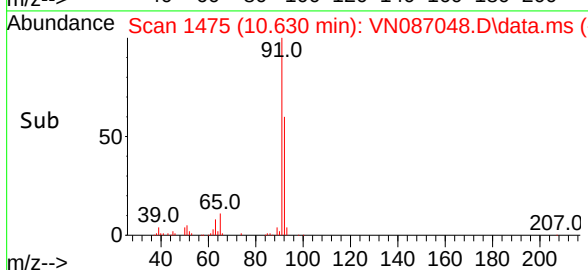
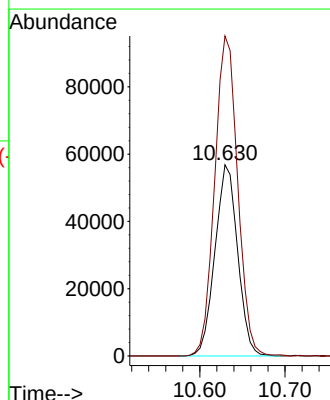
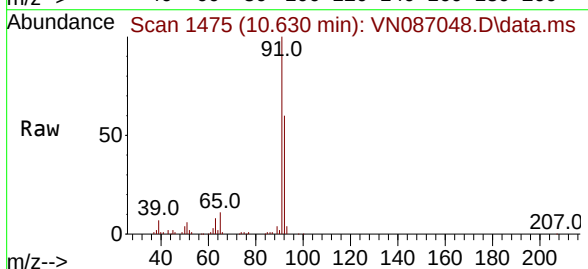
Manual Integrations
APPROVED

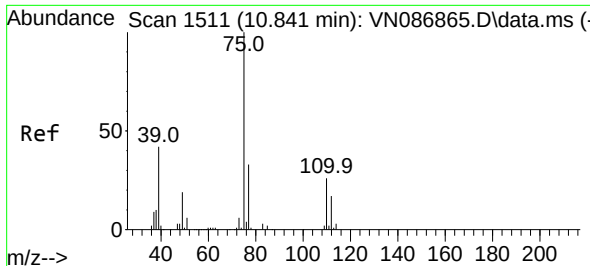
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#52
Toluene
Concen: 20.413 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion: 92 Resp: 104921
Ion Ratio Lower Upper
92 100
91 170.0 136.5 204.7





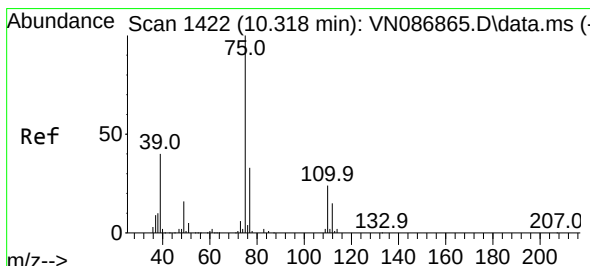
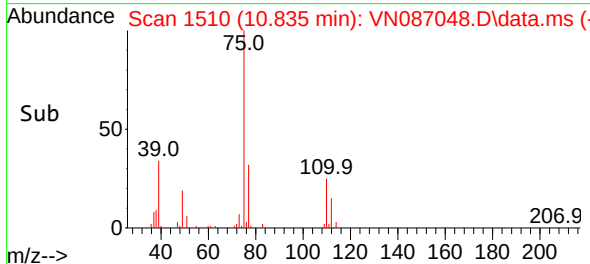
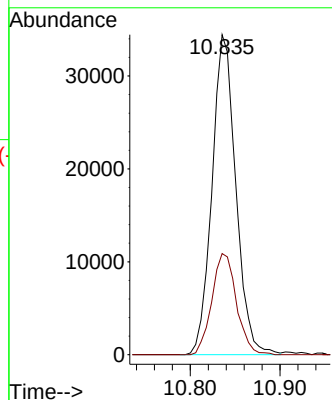
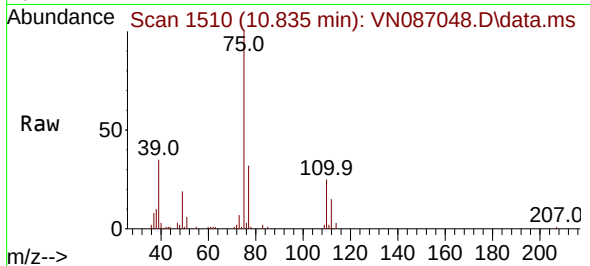
#53
t-1,3-Dichloropropene
Concen: 20.286 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion: 75 Resp: 63429
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6

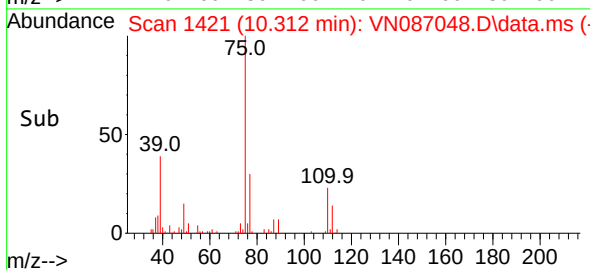
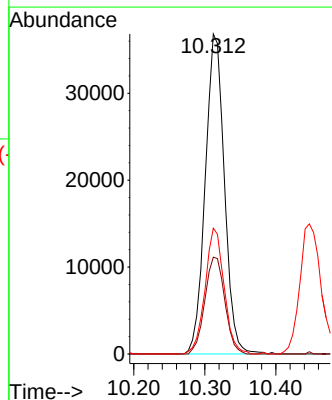
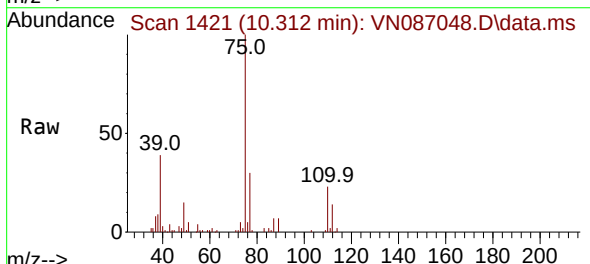
Manual Integrations
APPROVED

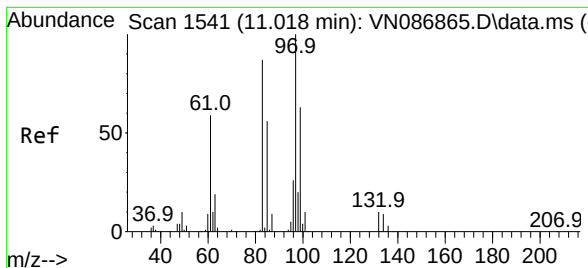
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#54
cis-1,3-Dichloropropene
Concen: 20.648 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

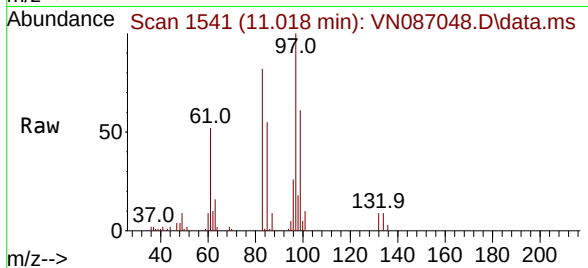
Tgt Ion: 75 Resp: 69081
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.4
39 39.3 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 20.748 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

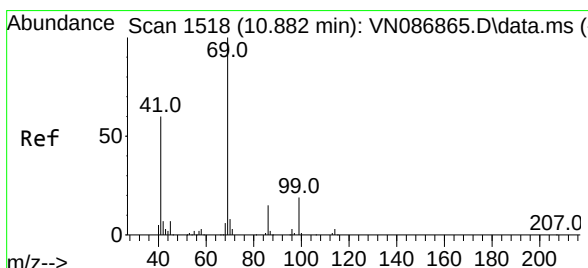
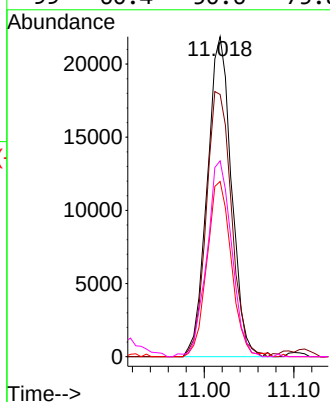
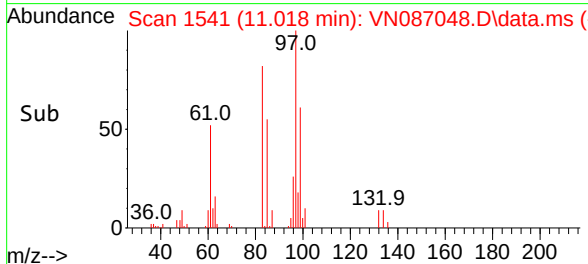
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



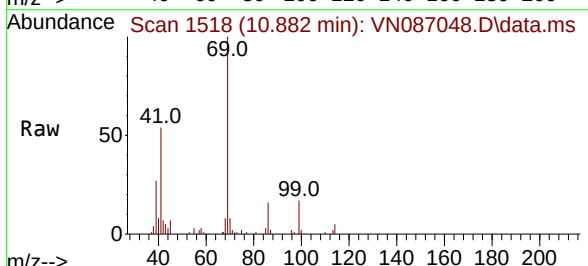
Tgt Ion: 97 Resp: 4103
Ion Ratio Lower Upper
97 100
83 81.9 69.7 104.5
85 54.8 45.1 67.7
99 60.4 50.6 75.8

Manual Integrations
APPROVED

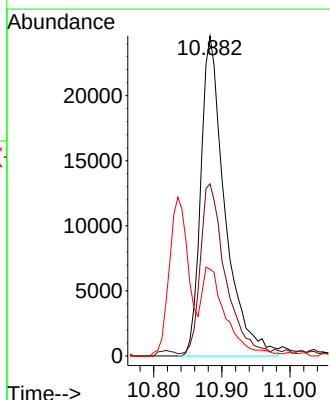
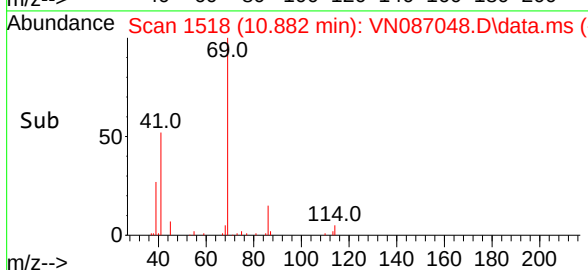
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

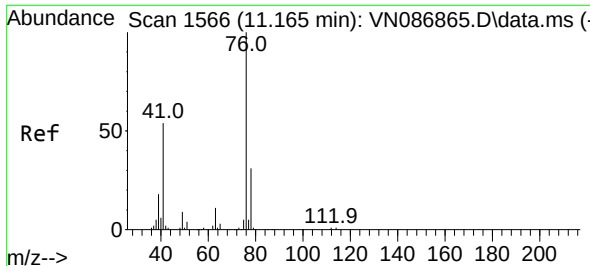


#56
Ethyl methacrylate
Concen: 19.245 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



Tgt Ion: 69 Resp: 60622
Ion Ratio Lower Upper
69 100
41 54.9 47.2 70.8
39 27.3 23.0 34.6





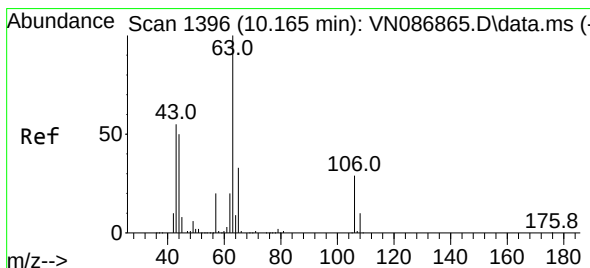
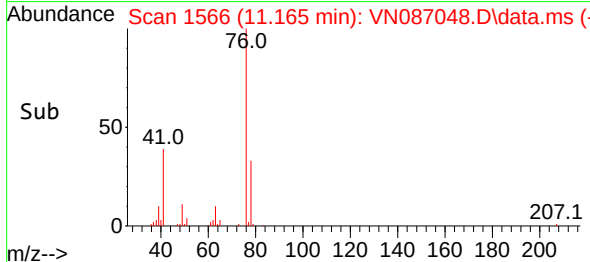
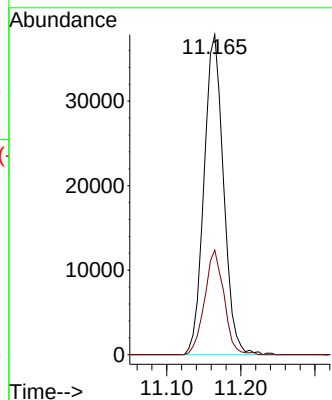
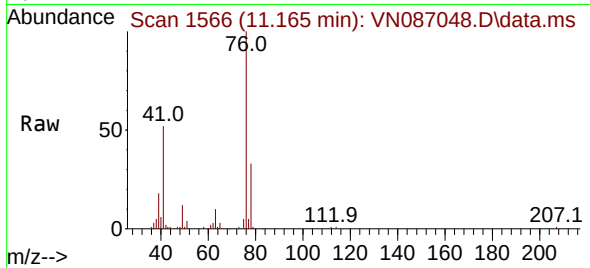
#57
1,3-Dichloropropane
Concen: 20.242 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion: 76 Resp: 6944
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

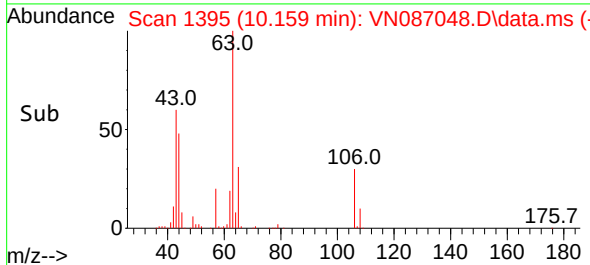
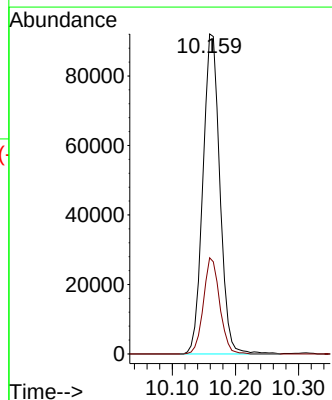
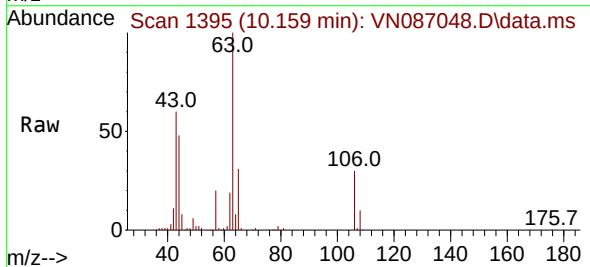
Manual Integrations
APPROVED

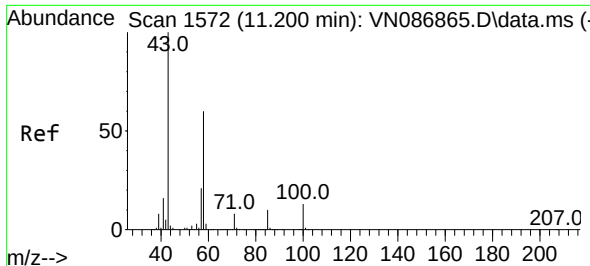
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 91.466 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

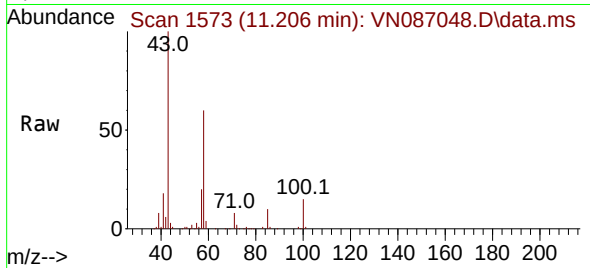
Tgt Ion: 63 Resp: 171851
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





#59
2-Hexanone
Concen: 82.675 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

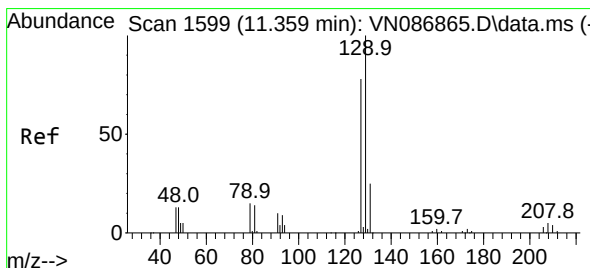
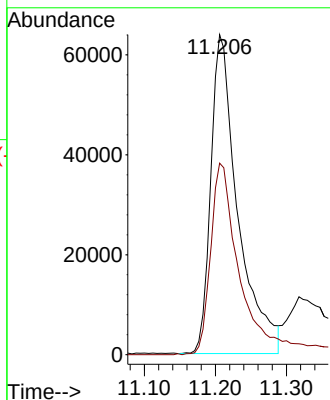
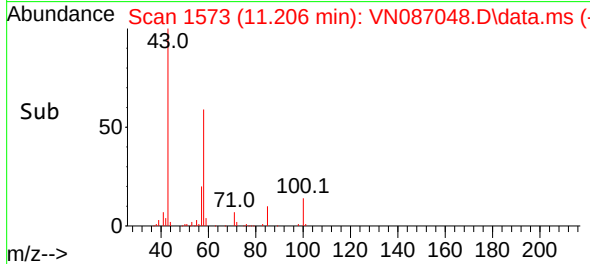
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 43 Resp: 16847
Ion Ratio Lower Upper
43 100
58 67.1 30.4 91.3

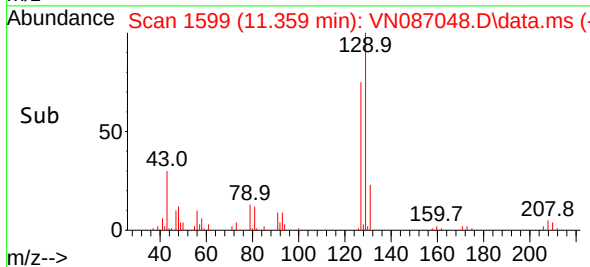
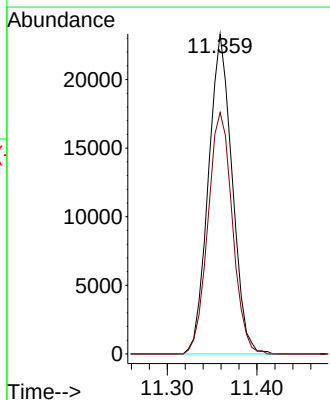
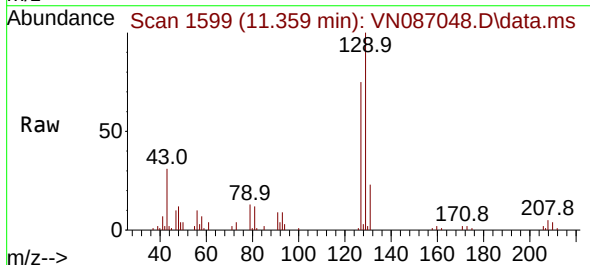
Manual Integrations
APPROVED

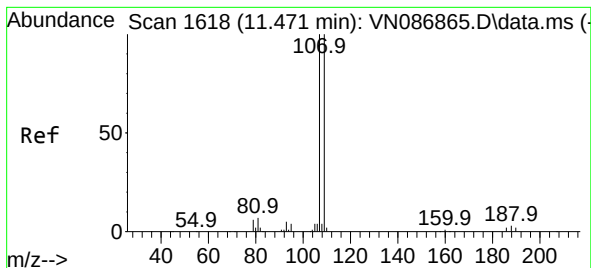
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#60
Dibromochloromethane
Concen: 20.807 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

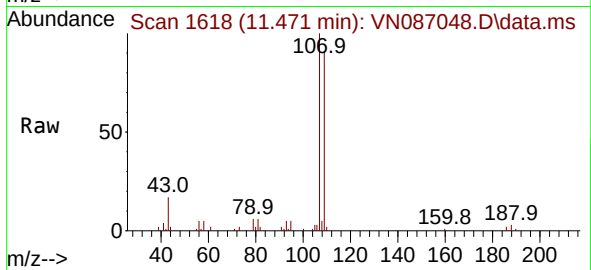
Tgt Ion:129 Resp: 42875
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.961 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

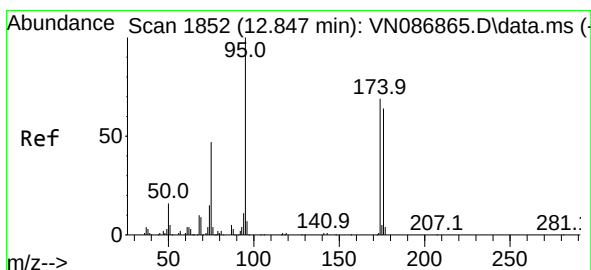
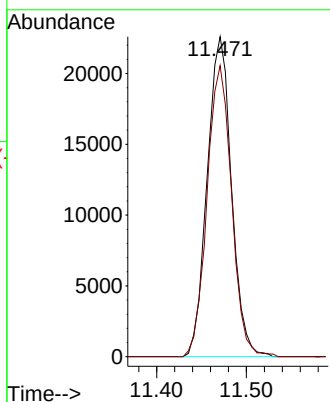
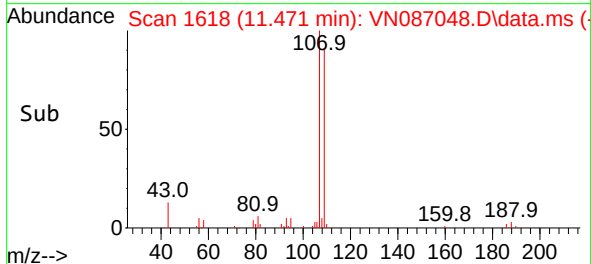
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



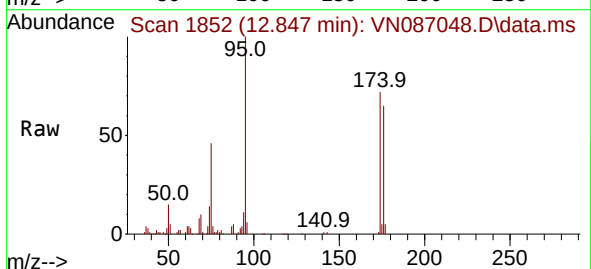
Tgt Ion:107 Resp: 42490
Ion Ratio Lower Upper
107 100
109 91.9 76.3 114.5

Manual Integrations
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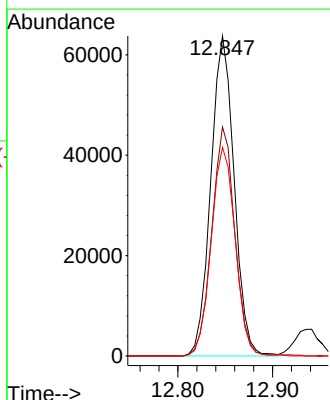
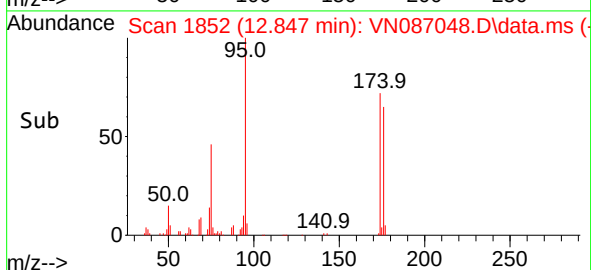
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

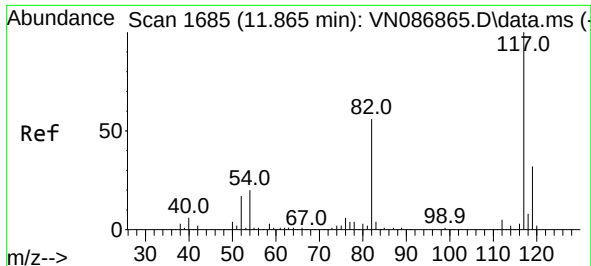


#62
4-Bromofluorobenzene
Concen: 43.000 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



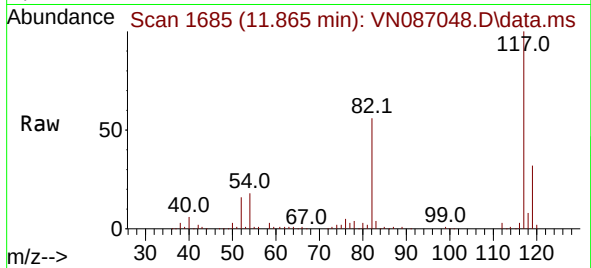
Tgt Ion: 95 Resp: 109163
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.8
176 67.0 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

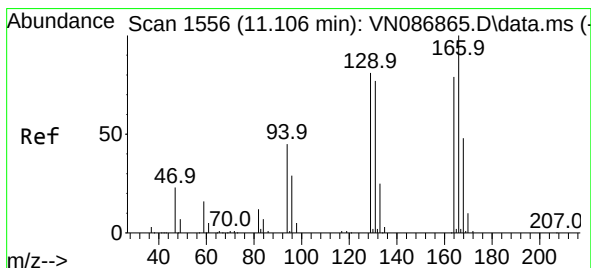
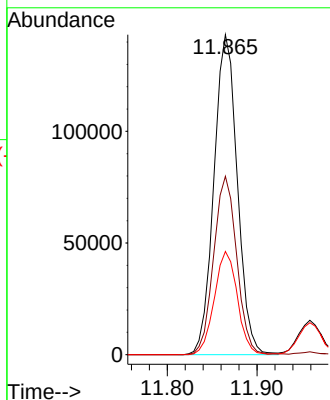
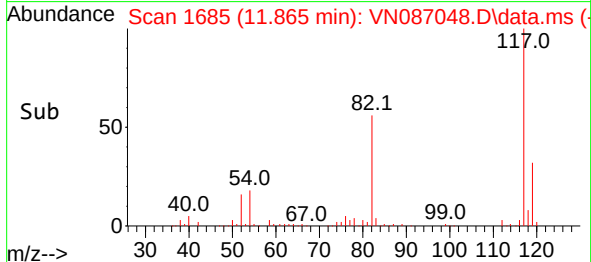
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



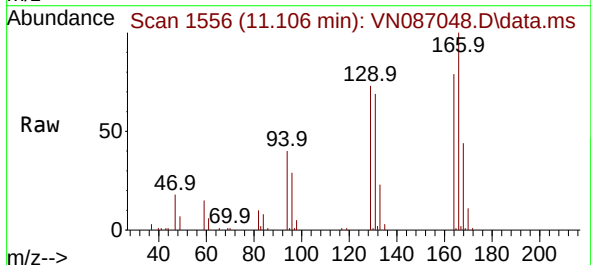
Tgt Ion:117 Resp: 25940
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.3 25.5 38.3

Manual Integrations
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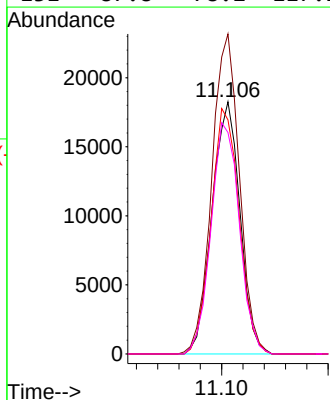
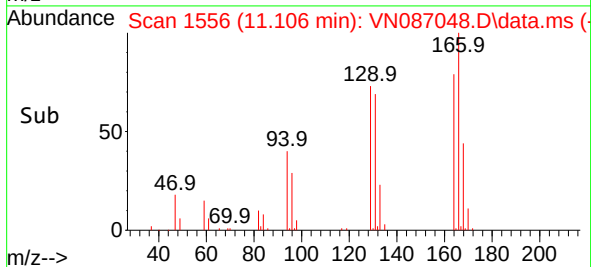
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

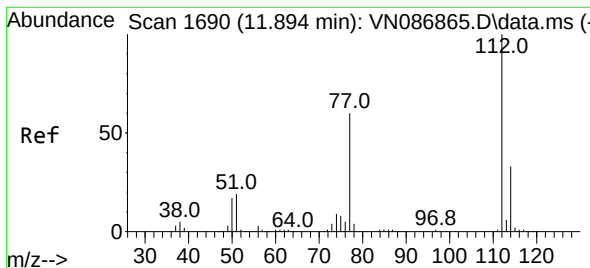


#64
Tetrachloroethene
Concen: 20.272 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



Tgt Ion:164 Resp: 33279
Ion Ratio Lower Upper
164 100
166 126.9 101.8 152.8
129 92.9 83.0 124.4
131 87.8 78.2 117.2





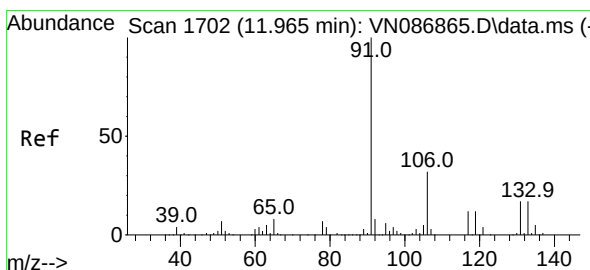
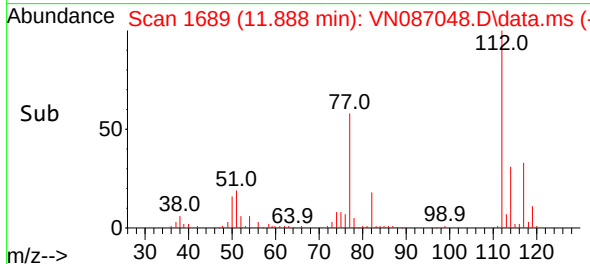
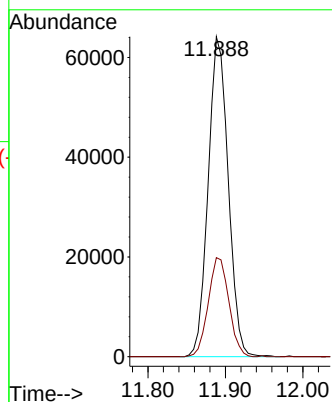
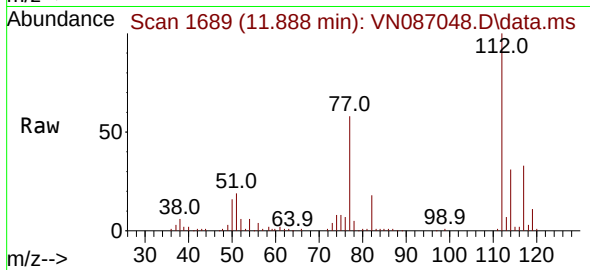
#65
Chlorobenzene
Concen: 20.162 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion:112 Resp: 115352
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2

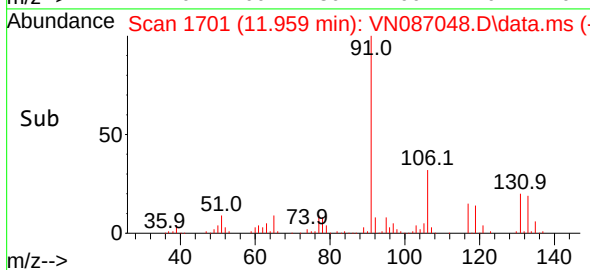
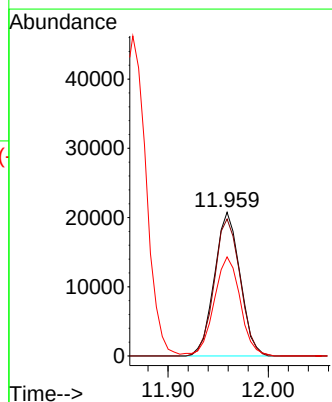
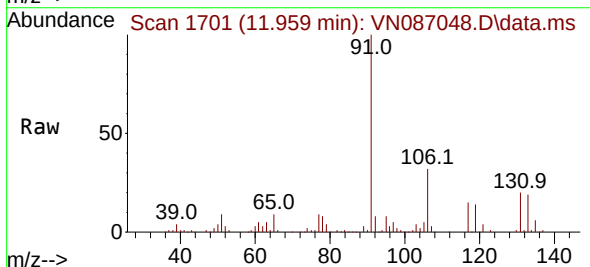
Manual Integrations
APPROVED

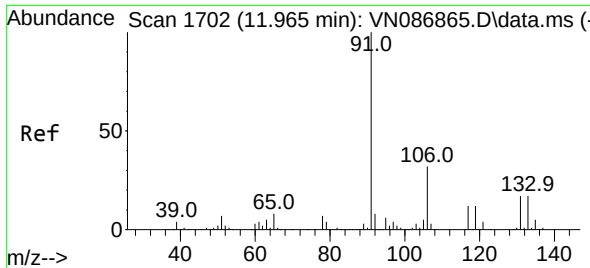
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.086 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion:131 Resp: 36939
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.8
119 69.7 34.0 101.8





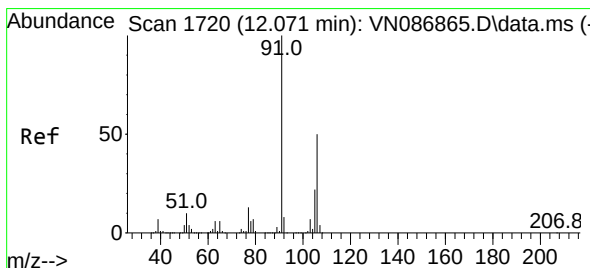
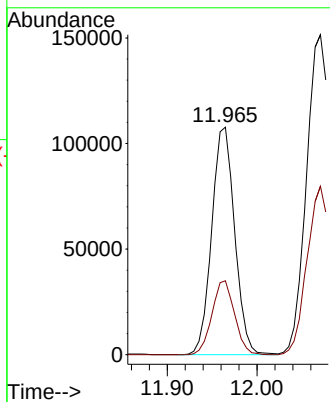
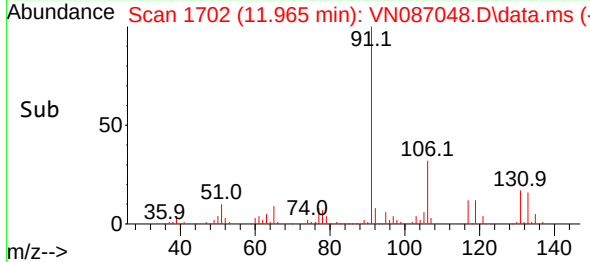
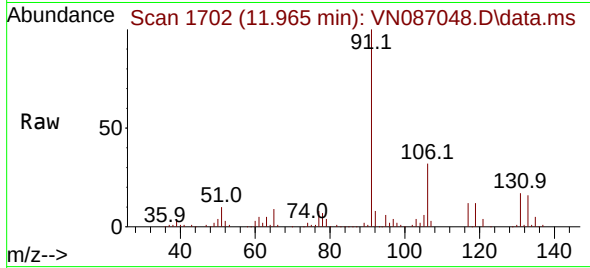
#67
Ethyl Benzene
Concen: 19.458 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion: 91 Resp: 191752
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

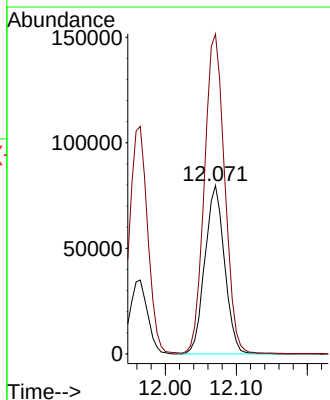
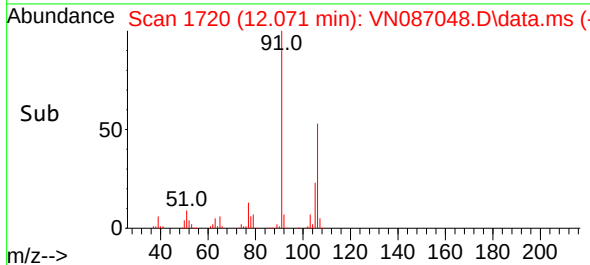
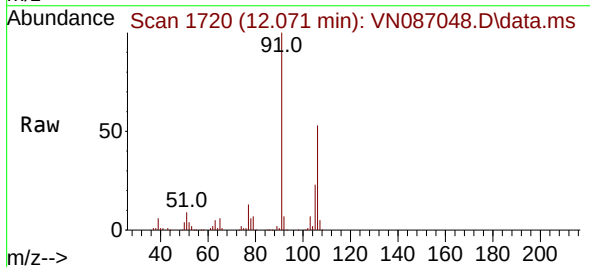
Manual Integrations
APPROVED

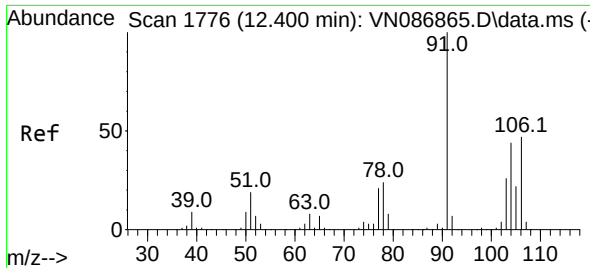
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#68
m/p-Xylenes
Concen: 40.792 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion:106 Resp: 153880
Ion Ratio Lower Upper
106 100
91 195.2 159.4 239.0





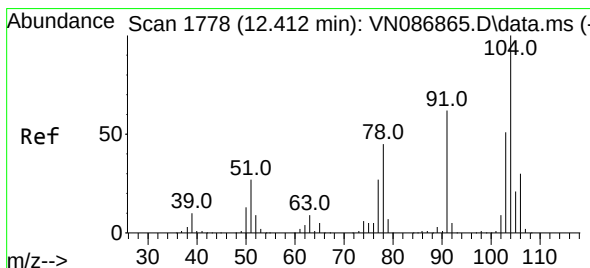
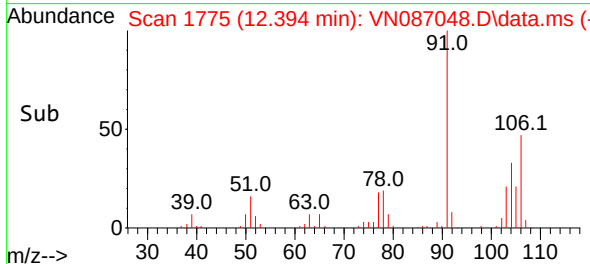
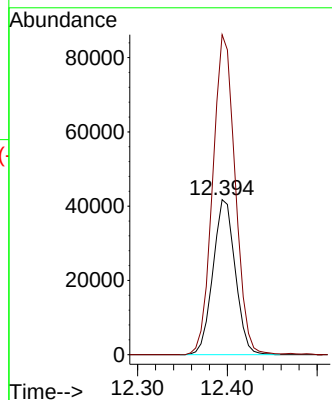
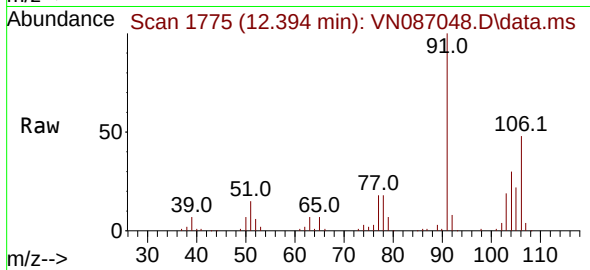
#69
o-Xylene
Concen: 19.929 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion:106 Resp: 72000
Ion Ratio Lower Upper
106 100
91 208.1 106.1 318.1

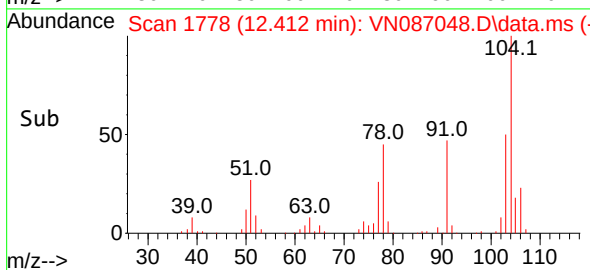
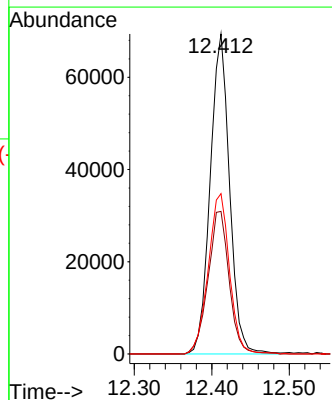
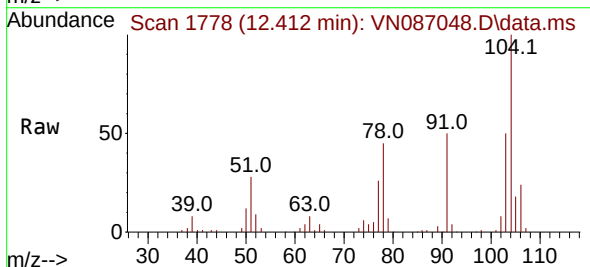
Manual Integrations
APPROVED

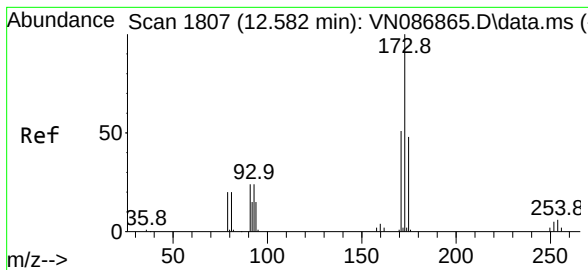
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#70
Styrene
Concen: 19.458 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

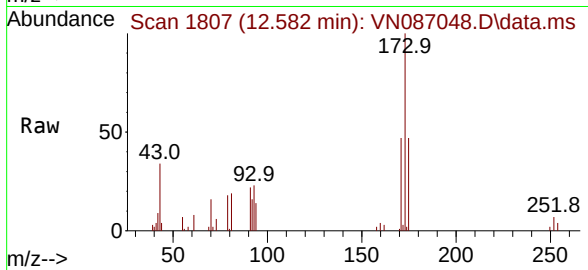
Tgt Ion:104 Resp: 120295
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 55.1 43.1 64.7





#71
Bromoform
Concen: 21.134 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

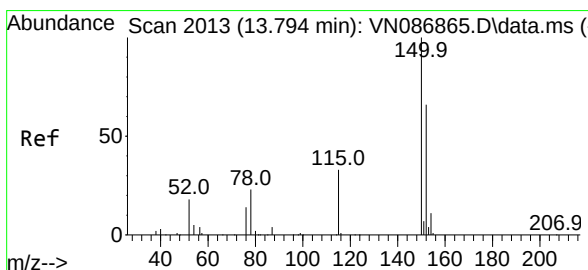
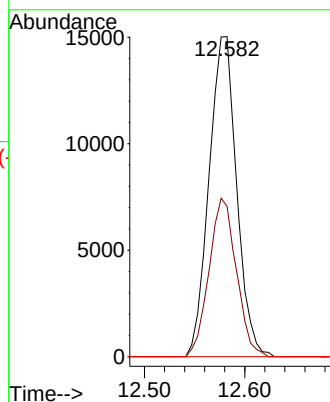
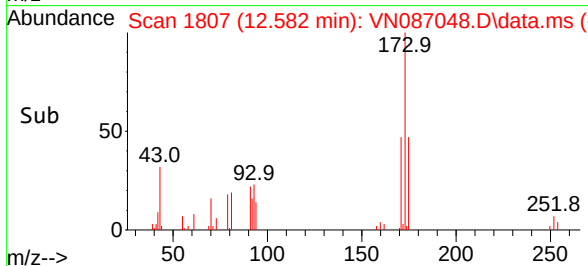
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



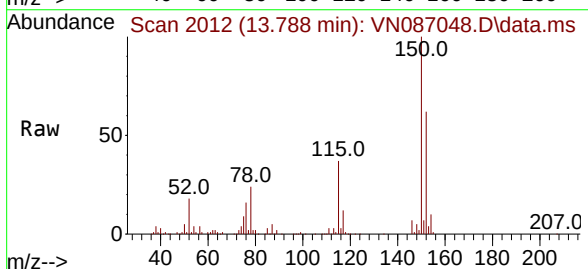
Tgt Ion:173 Resp: 28798
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

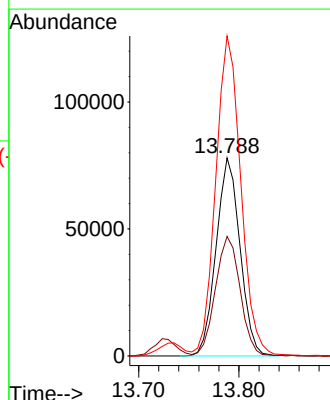
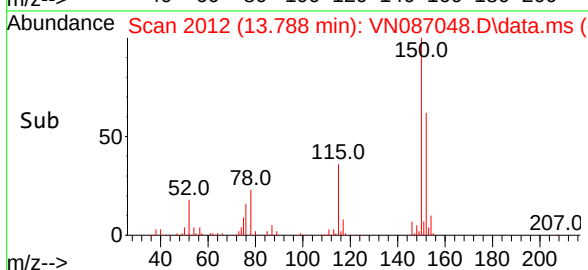
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

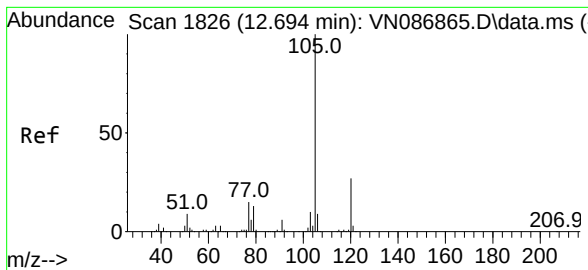


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



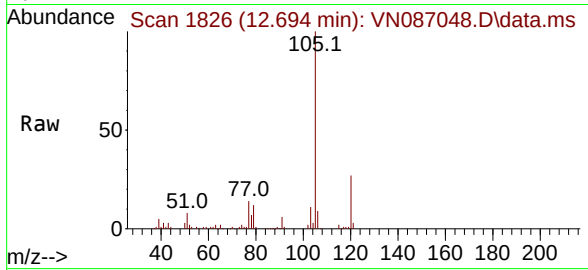
Tgt Ion:152 Resp: 128995
Ion Ratio Lower Upper
152 100
115 62.5 30.1 90.5
150 169.8 0.0 345.0





#73
Isopropylbenzene
Concen: 18.904 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

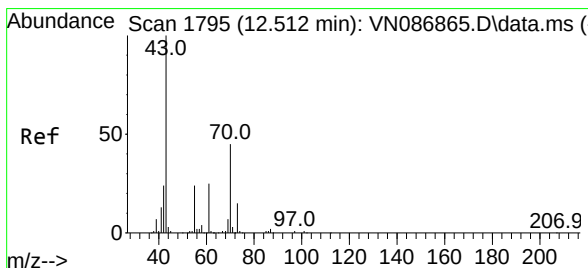
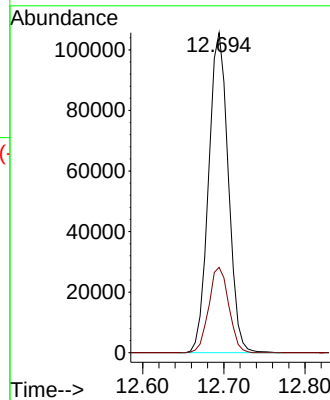
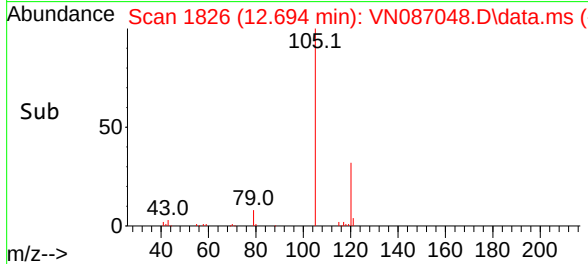
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



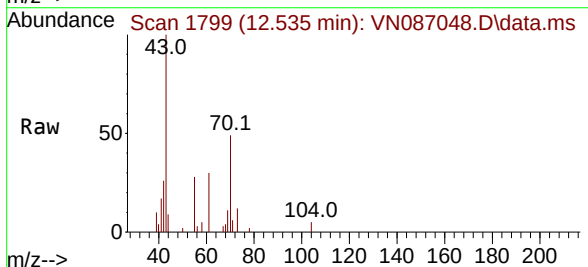
Tgt Ion:105 Resp: 177650
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
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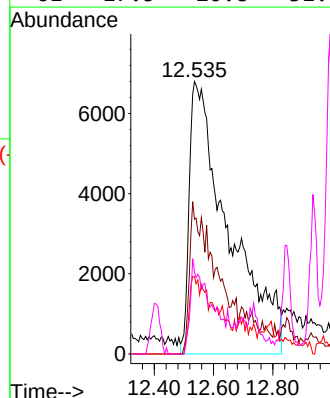
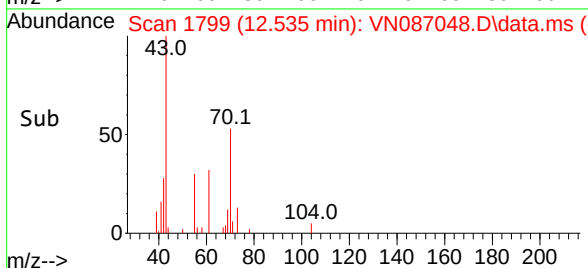
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

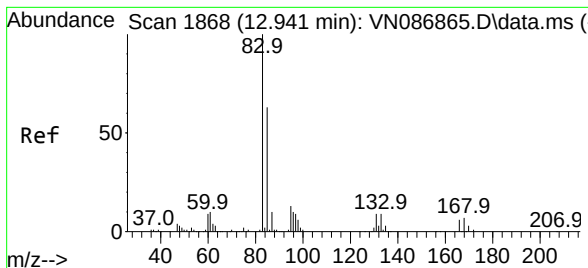


#74
N-ethyl acetate
Concen: 19.114 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.024 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



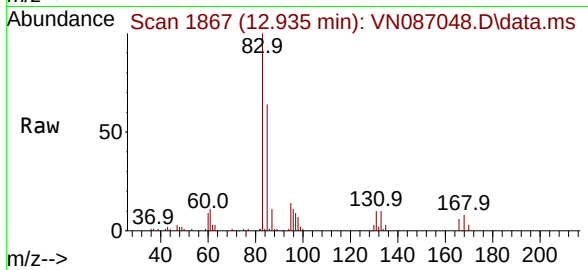
Tgt Ion: 43 Resp: 62769
Ion Ratio Lower Upper
43 100
70 13.0 37.6 56.4#
55 7.1 19.0 28.6#
61 17.5 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.484 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

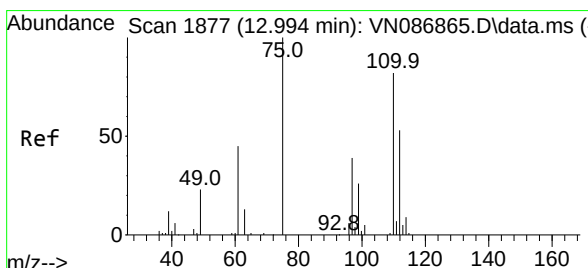
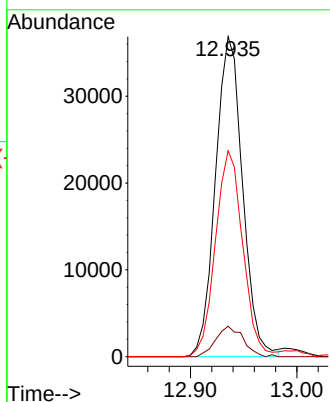
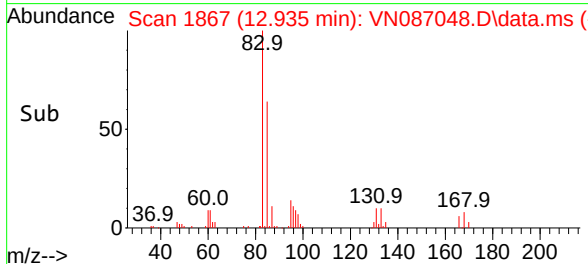
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 83 Resp: 6521
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.6 32.0 96.0

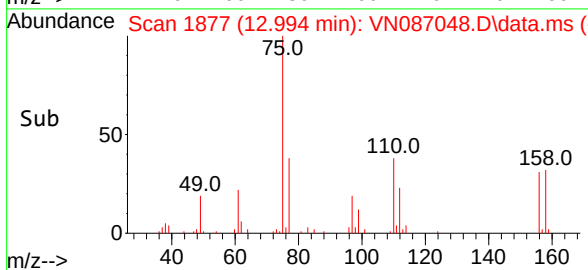
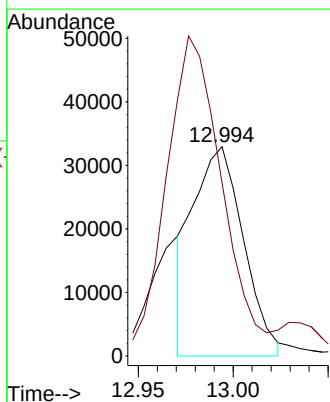
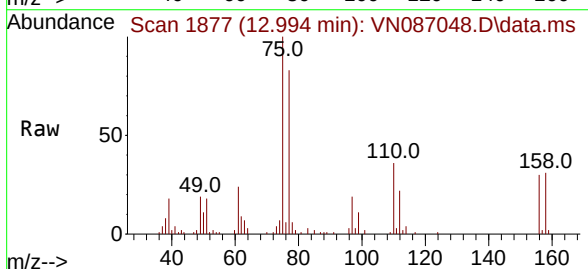
Manual Integrations
APPROVED

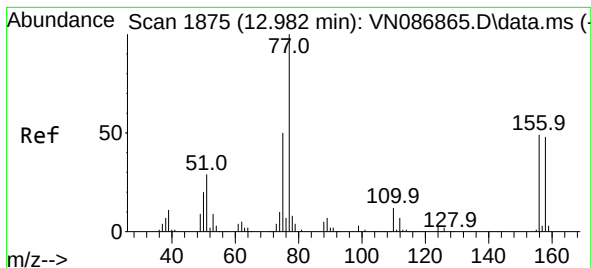
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#76
1,2,3-Trichloropropane
Concen: 19.841 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion: 75 Resp: 60839
Ion Ratio Lower Upper
75 100
77 168.6 79.3 237.9





#77

Bromobenzene

Concen: 20.355 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

Instrument :

MSVOA_N

ClientSampleId :

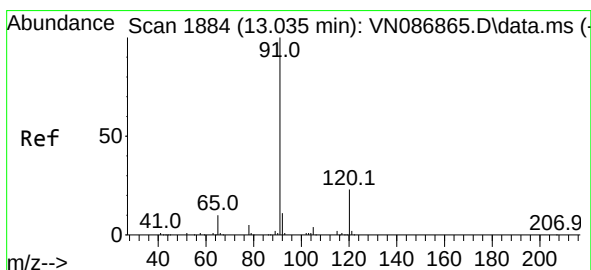
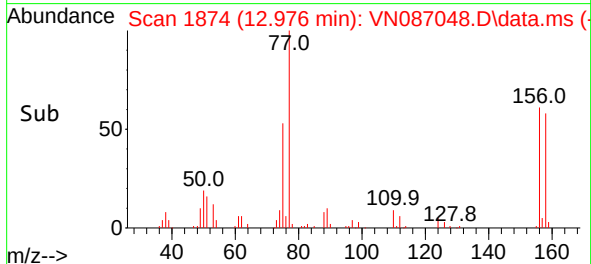
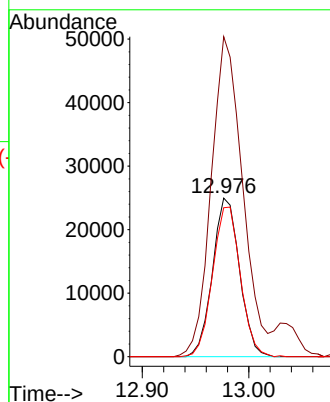
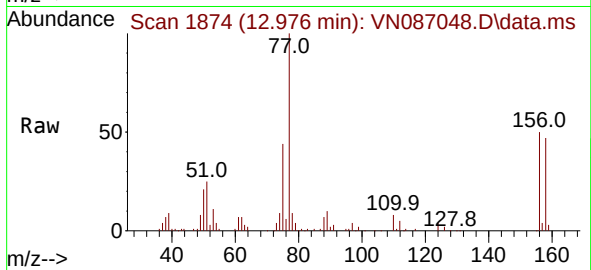
VN0617MBS01

Tgt Ion:156 Resp: 43869
 Ion Ratio Lower Upper
 156 100
 77 233.8 117.7 353.1
 158 97.2 48.1 144.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025



#78

n-propylbenzene

Concen: 18.992 ug/l

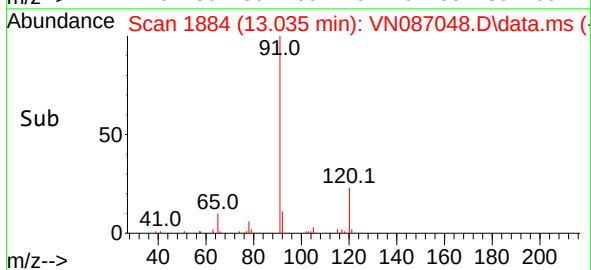
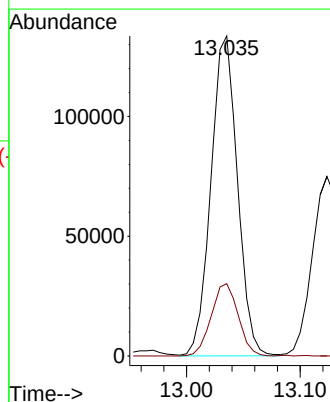
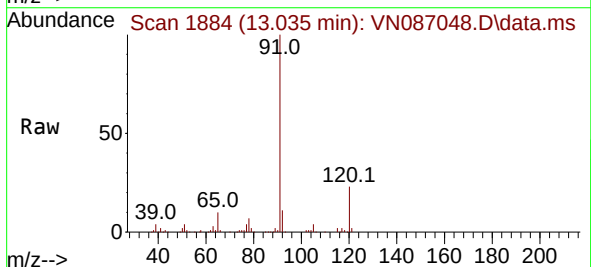
RT: 13.035 min Scan# 1884

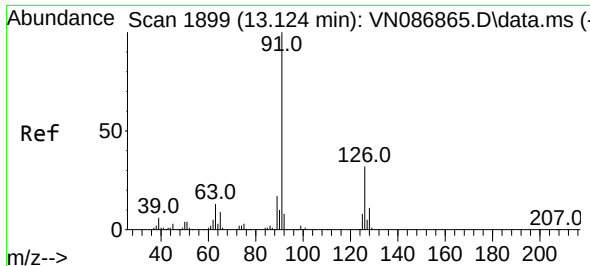
Delta R.T. 0.000 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

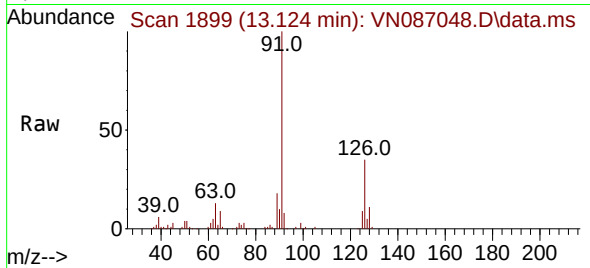
Tgt Ion: 91 Resp: 216897
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.4 34.2





#79
2-Chlorotoluene
Concen: 19.086 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

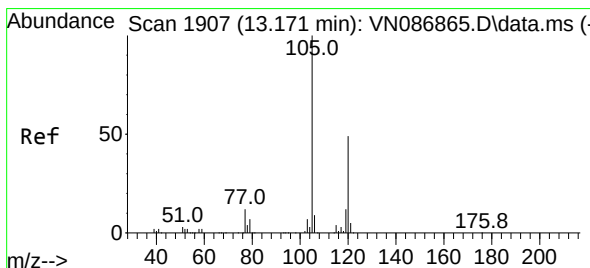
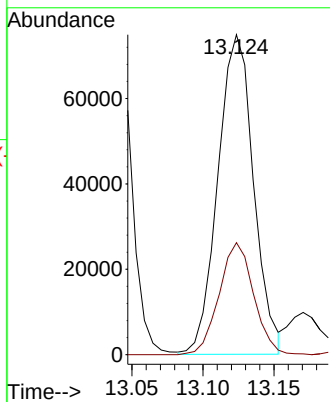
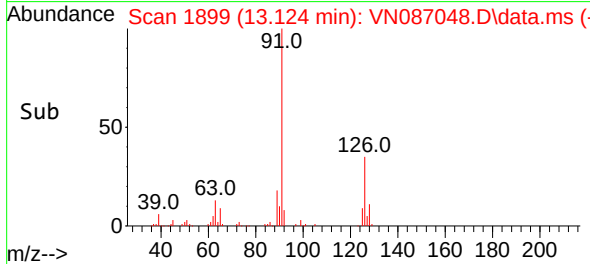
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



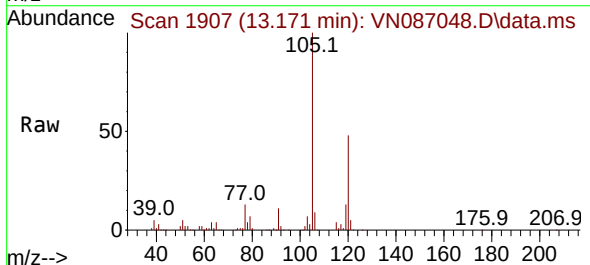
Tgt Ion: 91 Resp: 130719
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.5

Manual Integrations
APPROVED

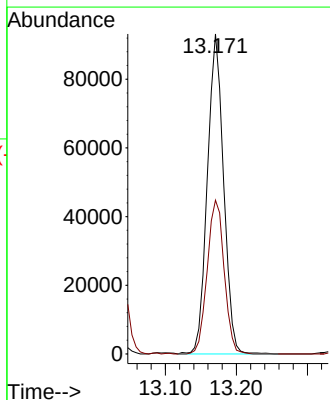
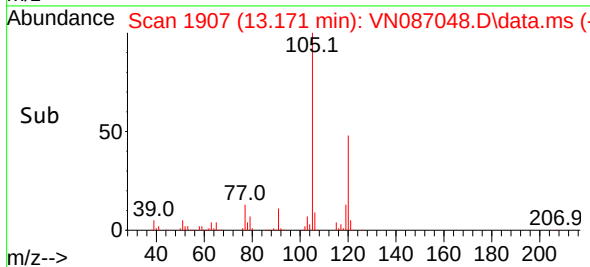
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

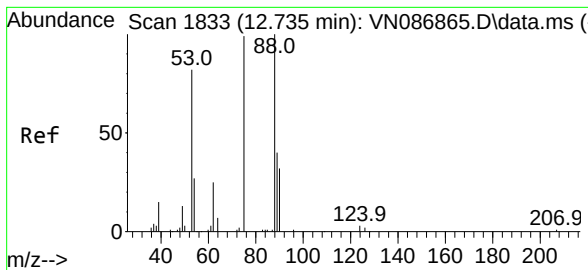


#80
1,3,5-Trimethylbenzene
Concen: 19.057 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41



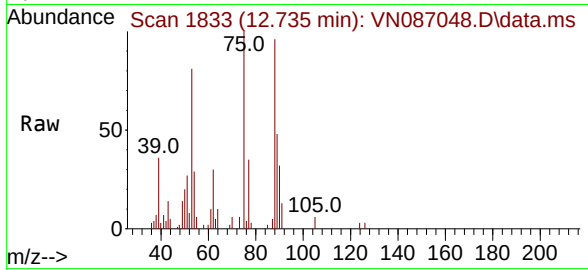
Tgt Ion:105 Resp: 147855
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.376 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

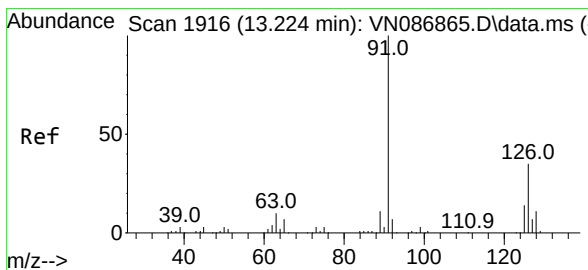
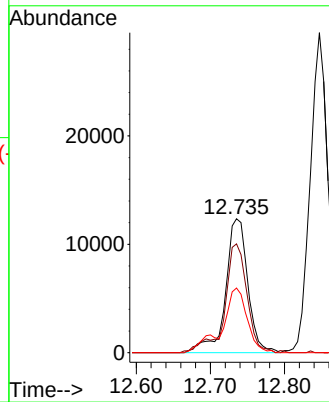
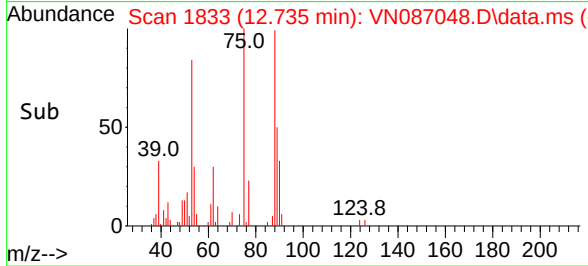
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion: 75 Resp: 25809
Ion Ratio Lower Upper
75 100
53 81.4 66.6 99.8
89 43.3 36.7 55.1

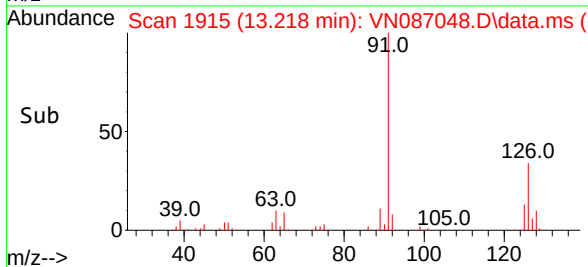
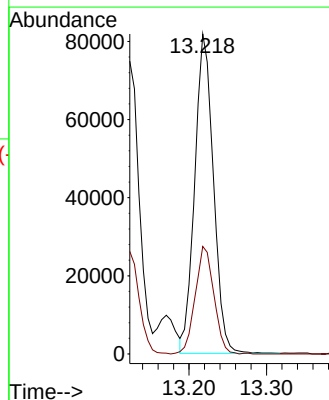
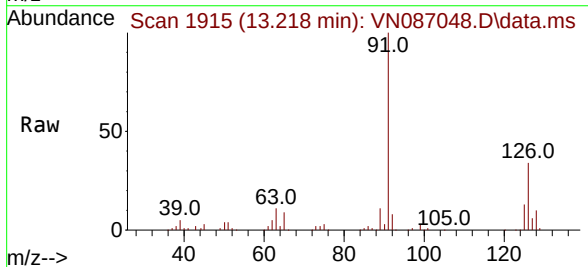
Manual Integrations
APPROVED

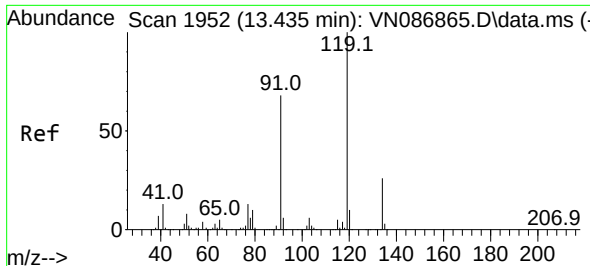
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#82
4-Chlorotoluene
Concen: 19.704 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion: 91 Resp: 136546
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1





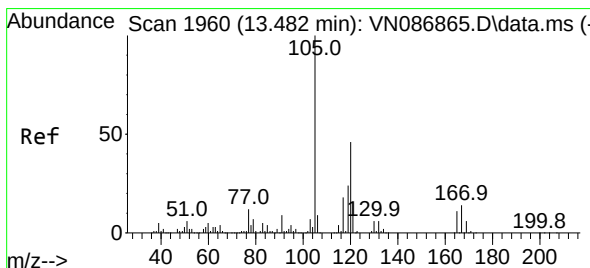
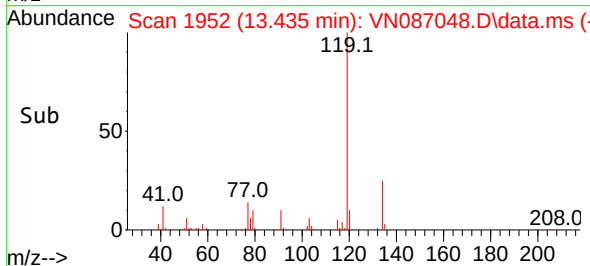
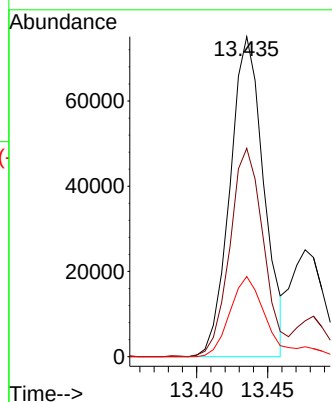
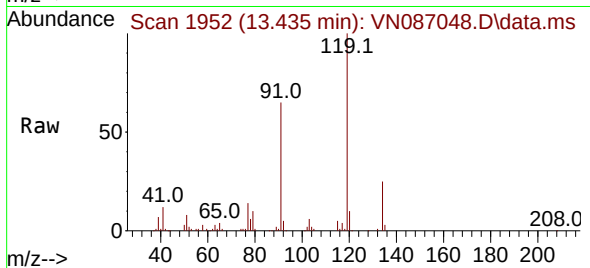
#83
tert-Butylbenzene
Concen: 17.532 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion:119 Resp: 124512
Ion Ratio Lower Upper
119 100
91 65.4 32.1 96.5
134 27.6 13.4 40.1

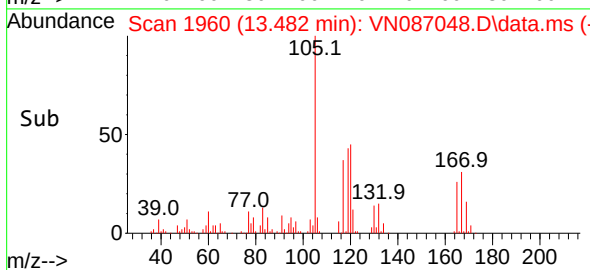
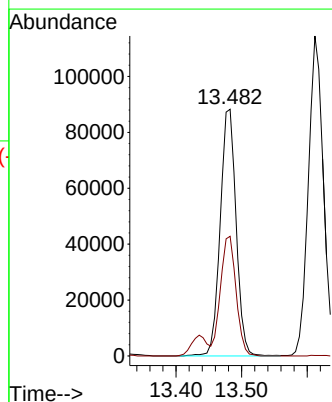
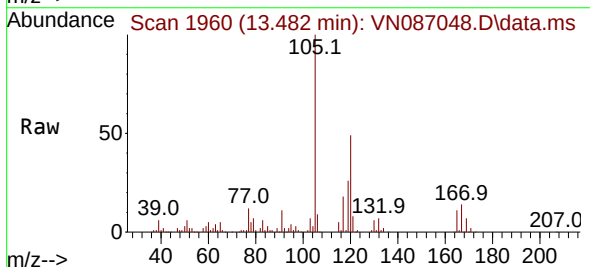
Manual Integrations
APPROVED

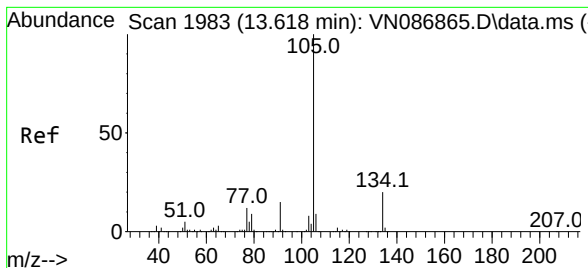
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.019 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion:105 Resp: 147968
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.6





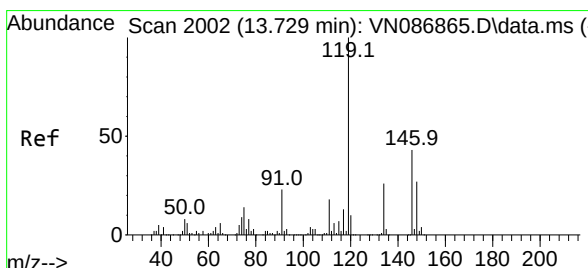
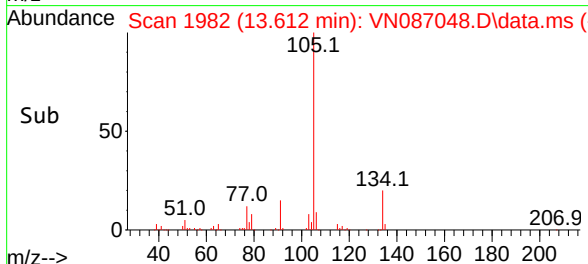
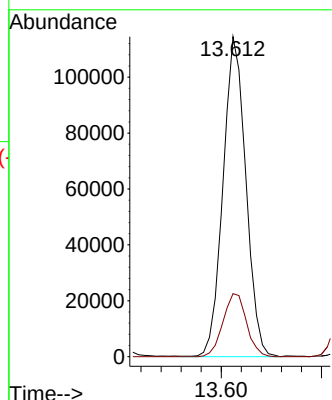
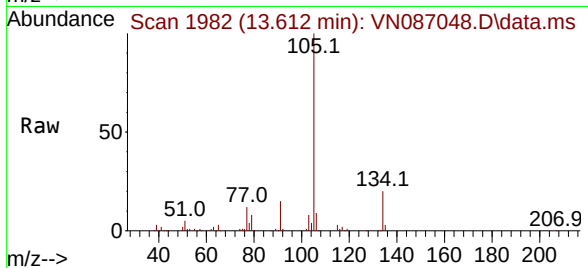
#85
 sec-Butylbenzene
 Concen: 17.558 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087048.D
 Acq: 17 Jun 2025 10:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617MBS01

Tgt Ion:105 Resp: 18108
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

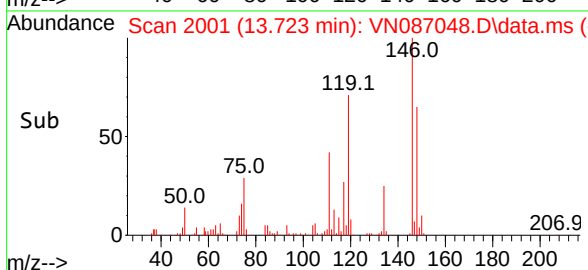
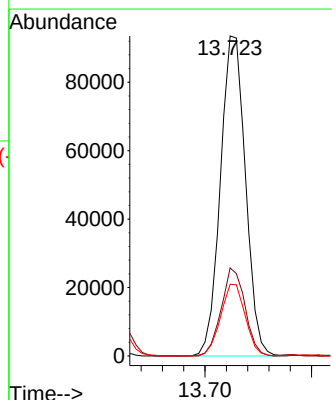
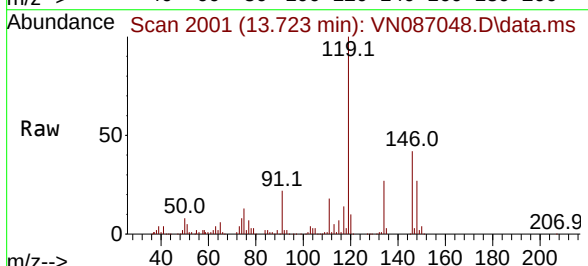
Manual Integrations
 APPROVED

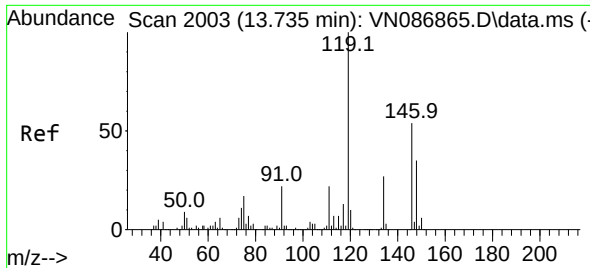
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025



#86
 p-Isopropyltoluene
 Concen: 17.925 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087048.D
 Acq: 17 Jun 2025 10:41

Tgt Ion:119 Resp: 152823
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 22.0 11.5 34.4





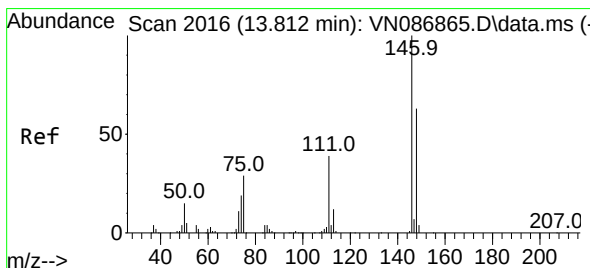
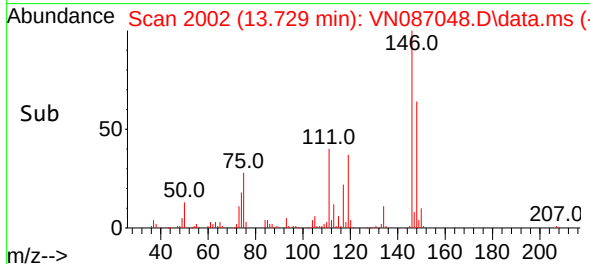
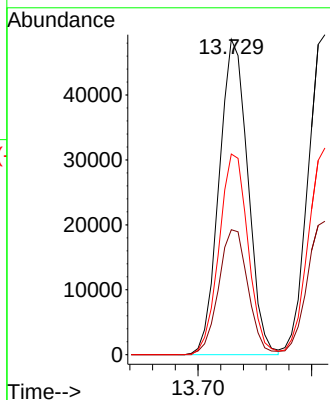
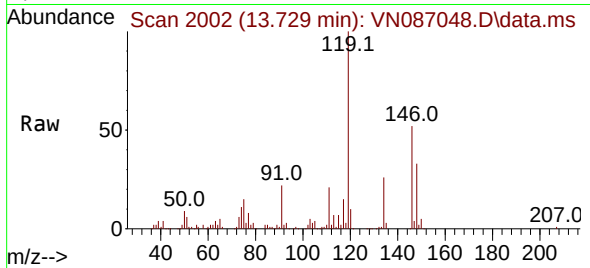
#87
1,3-Dichlorobenzene
Concen: 20.135 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion:146 Resp: 85378
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 64.2 32.0 96.2

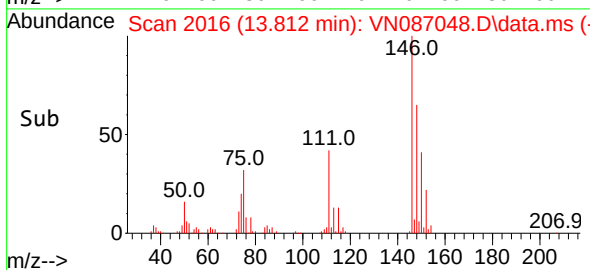
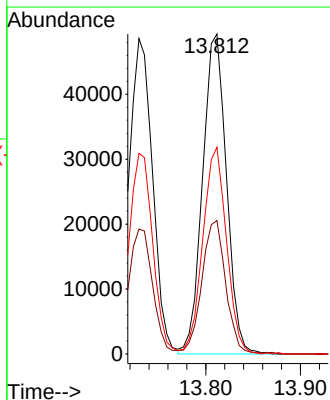
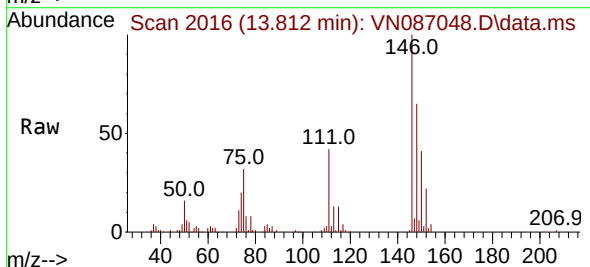
Manual Integrations
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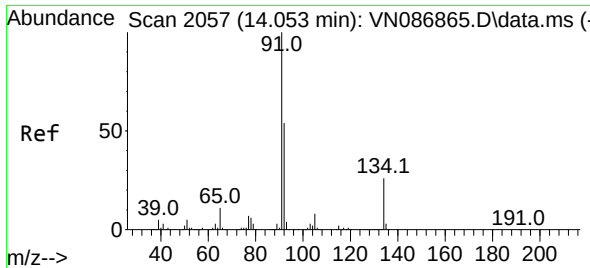
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#88
1,4-Dichlorobenzene
Concen: 19.969 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion:146 Resp: 86326
Ion Ratio Lower Upper
146 100
111 42.0 19.9 59.7
148 64.3 31.8 95.4





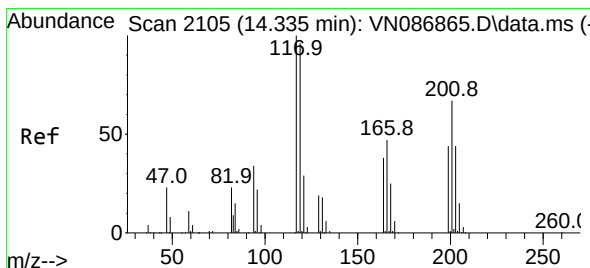
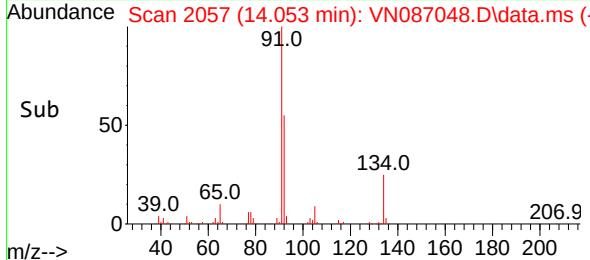
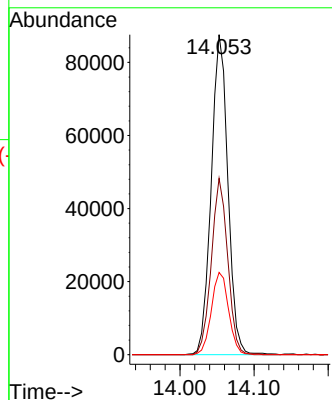
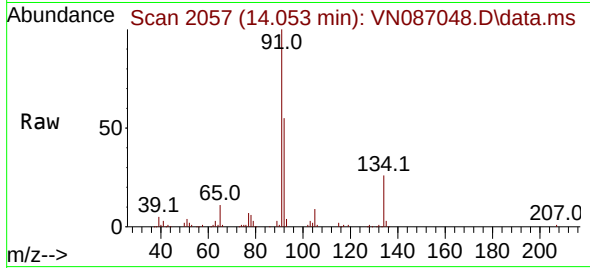
#89
n-Butylbenzene
Concen: 16.566 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion: 91 Resp: 13680
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 26.5 13.0 39.0

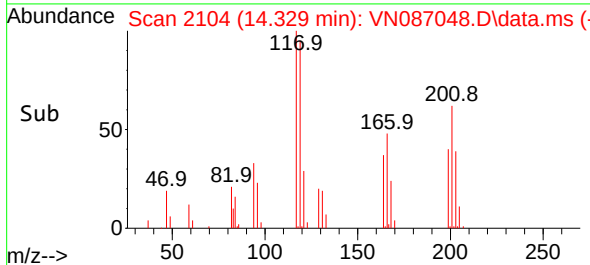
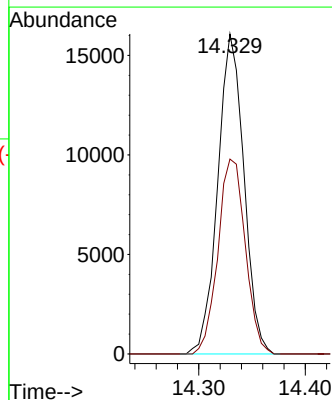
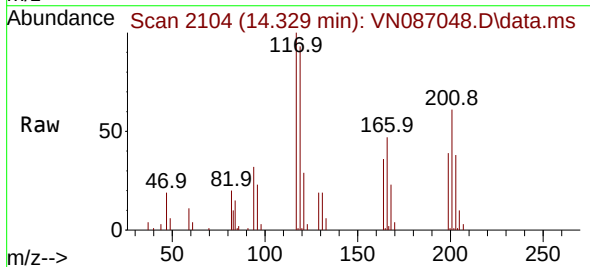
Manual Integrations
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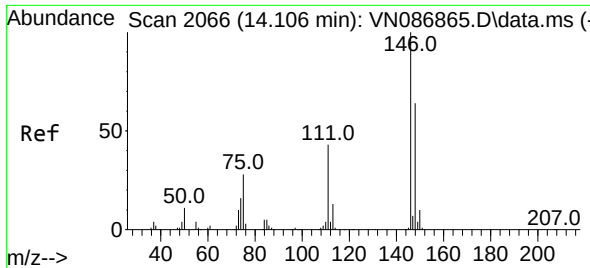
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#90
Hexachloroethane
Concen: 18.954 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion:117 Resp: 27391
Ion Ratio Lower Upper
117 100
201 63.7 33.2 99.6





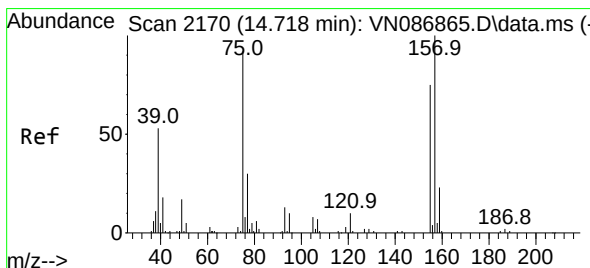
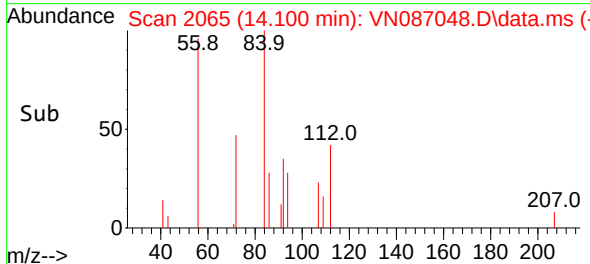
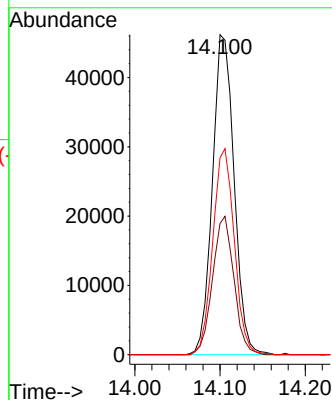
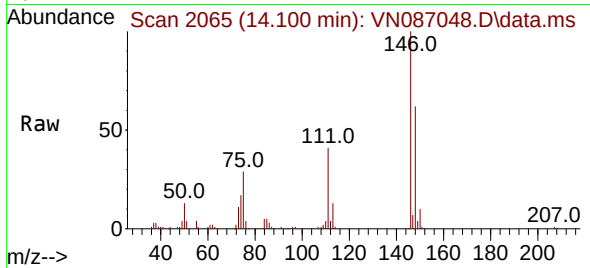
#91
1,2-Dichlorobenzene
Concen: 20.090 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01

Tgt Ion:146 Resp: 8184
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.6
148 64.0 31.7 95.1

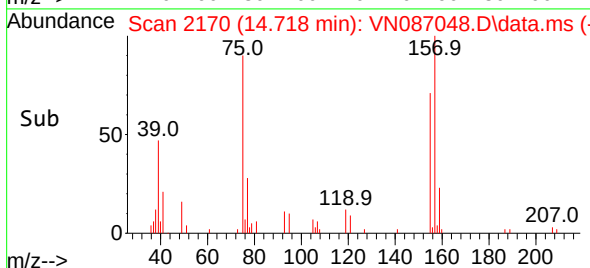
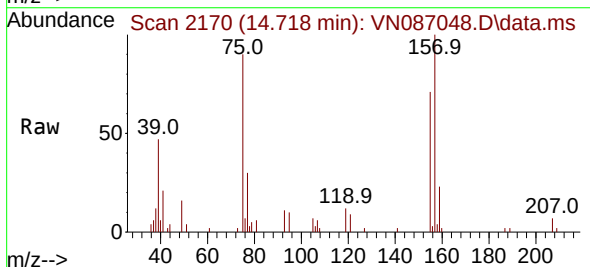
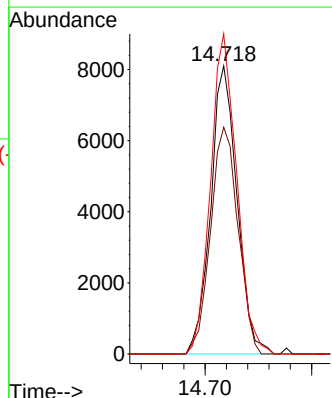
Manual Integrations
APPROVED

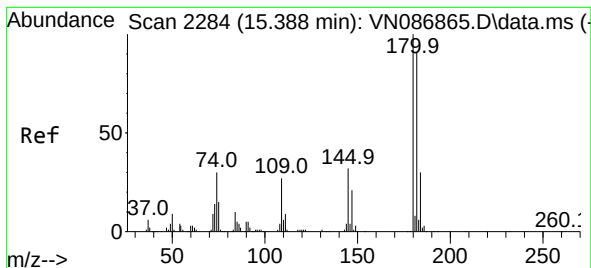
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.250 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion: 75 Resp: 13895
Ion Ratio Lower Upper
75 100
155 82.1 41.1 123.4
157 110.3 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 17.800 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

Instrument :

MSVOA_N

ClientSampleId :

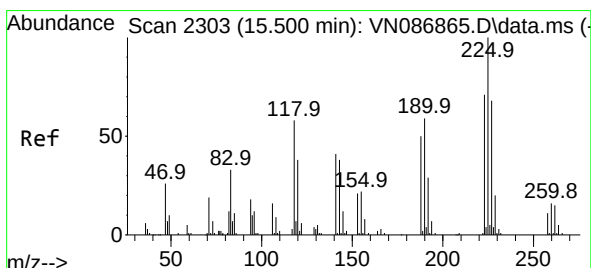
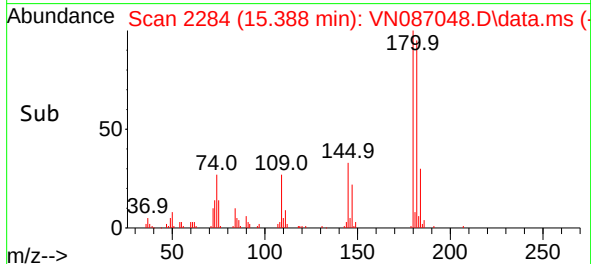
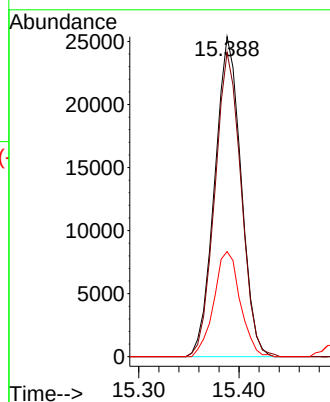
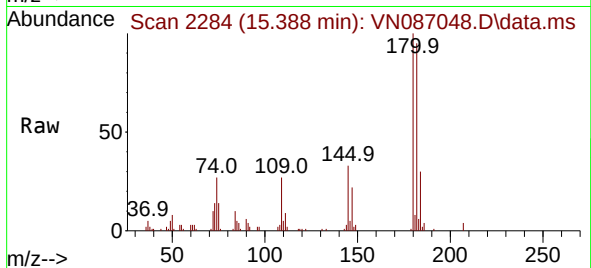
VN0617MBS01

Tgt Ion:	180	Resp:	4630
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.9	140.7
145	32.9	16.0	47.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#94

Hexachlorobutadiene

Concen: 14.177 ug/l

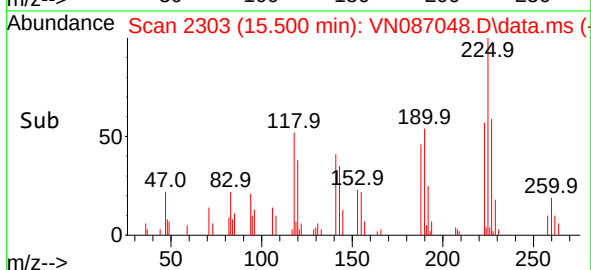
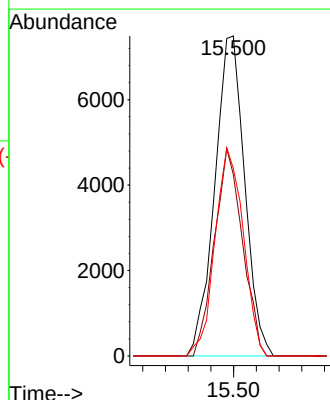
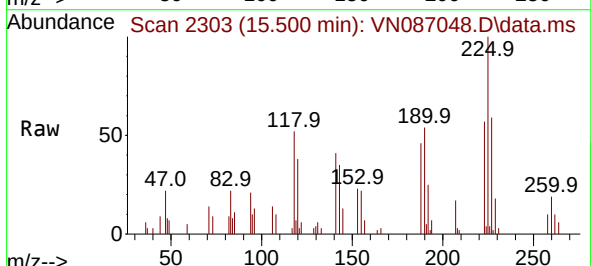
RT: 15.500 min Scan# 2303

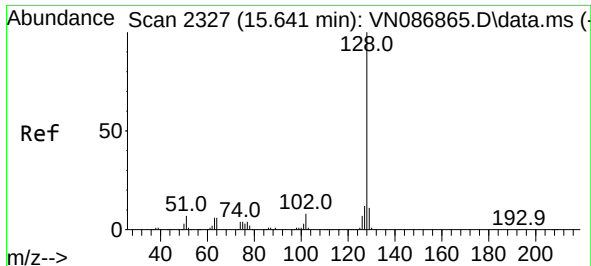
Delta R.T. 0.000 min

Lab File: VN087048.D

Acq: 17 Jun 2025 10:41

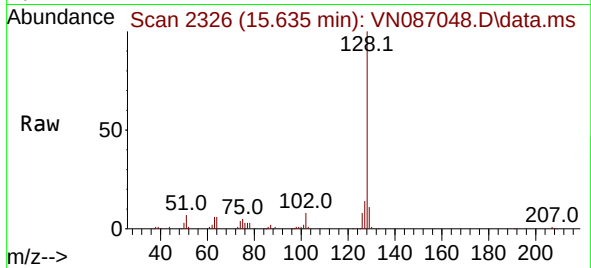
Tgt Ion:	225	Resp:	13740
Ion Ratio	Lower	Upper	
225	100		
223	60.6	33.5	100.4
227	61.4	31.1	93.5





#95
Naphthalene
Concen: 18.076 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

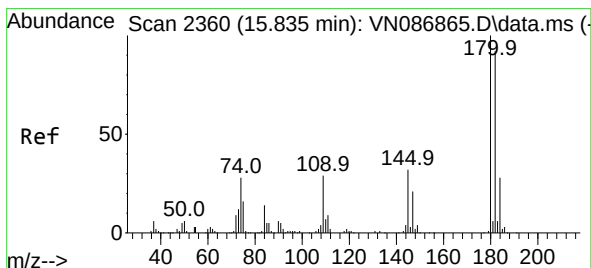
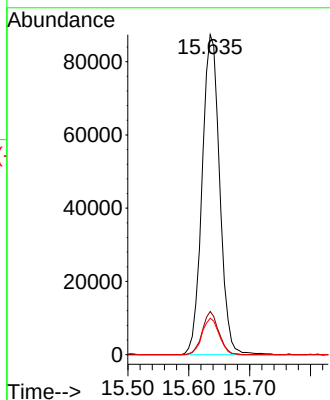
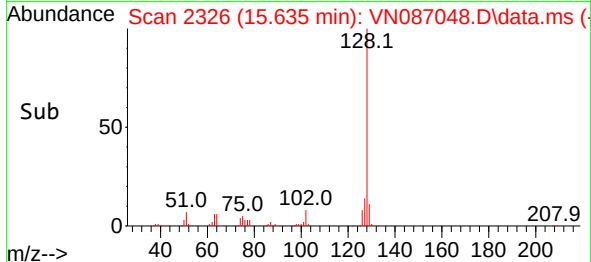
Instrument :
MSVOA_N
ClientSampleId :
VN0617MBS01



Tgt Ion:128 Resp: 175028
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.866 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087048.D
Acq: 17 Jun 2025 10:41

Tgt Ion:180 Resp: 43590
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.0
145 35.3 16.6 49.8

